Astrodienst Ephemeris Tables

from the year 2150 for 50 years

tropical geocentric zodiac

contains Sun, Moon, Mercury, Venus, Mars, Jupiter, Saturn, Uranus, Neptune, Pluto, True Node, Moon's Node, Lilith, Chiron

Programming
Dieter Koch and Alois Treindl
based on Swiss Ephemeris

Code D5EPX

Astrodienst AG, Dammstr. 23, CH-8702 Zollikon / Zürich, www.astro.com / order@astro.com

ASTRODIENST EPHEMERIS for the year 2150
geocentric

JANUARY 2150 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 42 30	10♑27'46	2♒14	19♐28	3♐29	26♐16	25♐59	22°R57	4♐56	4♑ 6	20°R48	13♋39	13♋54	6♐51	8♐21	T 1
F 2	6 46 27	11°28'56	14°38	20°45	3°53	27° 0	26°13	22♊53	4°59	4° 8	20♊47	13°39	13°50	6°57	8°28	F 2
S 3	6 50 23	12°30'06	27°14	22° 4	4°18	27°44	26°26	22°48	5° 2	4°11	20°46	13°39	13°47	7° 4	8°35	S 3
S 4	6 54 20	13°31'16	10♓ 4	23°23	4°45	28°29	26°40	22°44	5° 5	4°13	20°45	13°R39	13°44	7°11	8°42	S 4
M 5	6 58 17	14°32'25	23°10	24°44	5°14	29°13	26°53	22°39	5° 8	4°15	20°44	13°39	13°41	7°17	8°48	M 5
T 6	7 2 13	15°33'34	6♈33	26° 7	5°44	29°57	27° 6	22°35	5°11	4°17	20°43	13°39	13°38	7°24	8°55	T 6
W 7	7 6 10	16°34'43	20°16	27°30	6°16	0♑42	27°20	22°31	5°15	4°19	20°42	13°D39	13°35	7°31	9° 2	W 7
T 8	7 10 6	17°35'52	4♉18	28°54	6°49	1°26	27°33	22°26	5°17	4°22	20°41	13°39	13°31	7°37	9° 9	T 8
F 9	7 14 3	18°37'00	18°38	0♑19	7°24	2°11	27°46	22°22	5°20	4°24	20°40	13°39	13°28	7°44	9°15	F 9
S 10	7 17 59	19°38'08	3♊14	1°44	8° 0	2°55	27°59	22°18	5°23	4°26	20°39	13°40	13°25	7°51	9°22	S 10
S 11	7 21 56	20°39'16	18° 2	3°11	8°38	3°40	28°12	22°14	5°26	4°28	20°38	13°41	13°22	7°57	9°28	S 11
M12	7 25 52	21°40'23	2♋55	4°38	9°16	4°25	28°25	22°10	5°29	4°31	20°37	13°41	13°19	8° 4	9°35	M12
T 13	7 29 49	22°41'30	17°45	6° 6	9°56	5° 9	28°39	22° 6	5°32	4°33	20°36	13°R41	13°15	8°11	9°41	T 13
W14	7 33 46	23°42'37	2♌25	7°34	10°38	5°54	28°52	22° 2	5°35	4°35	20°35	13°41	13°12	8°18	9°47	W14
T 15	7 37 42	24°43'43	16°49	9° 3	11°20	6°39	29° 5	21°58	5°38	4°37	20°34	13°40	13° 9	8°24	9°54	T 15
F 16	7 41 39	25°44'50	0♍50	10°32	12° 3	7°24	29°17	21°55	5°40	4°39	20°33	13°38	13° 6	8°31	10° 0	F 16
S 17	7 45 35	26°45'55	14°26	12° 2	12°48	8° 8	29°30	21°51	5°43	4°41	20°32	13°36	13° 3	8°38	10° 6	S 17
S 18	7 49 32	27°47'01	27°37	13°33	13°33	8°53	29°43	21°48	5°46	4°44	20°31	13°35	13° 0	8°44	10°12	S 18
M19	7 53 28	28°48'06	10♎24	15° 4	14°20	9°38	29°56	21°44	5°48	4°46	20°30	13°33	12°56	8°51	10°18	M19
T 20	7 57 25	29°49'12	22°50	16°36	15° 7	10°23	0♑ 9	21°41	5°51	4°48	20°29	13°32	12°53	8°58	10°24	T 20
W21	8 1 21	0♒50'16	5♏ 0	18° 8	15°55	11° 8	0°21	21°38	5°53	4°50	20°28	13°D32	12°50	9° 4	10°30	W21
T 22	8 5 18	1°51'21	16°57	19°41	16°44	11°53	0°34	21°34	5°56	4°52	20°28	13°33	12°47	9°11	10°36	T 22
F 23	8 9 15	2°52'26	28°48	21°14	17°34	12°38	0°47	21°31	5°58	4°54	20°27	13°34	12°44	9°18	10°41	F 23
S 24	8 13 11	3°53'30	10♐36	22°48	18°25	13°23	0°59	21°28	6° 1	4°56	20°26	13°36	12°41	9°24	10°47	S 24
S 25	8 17 8	4°54'33	22°26	24°23	19°16	14° 9	1°12	21°25	6° 3	4°58	20°25	13°38	12°37	9°31	10°53	S 25
M26	8 21 4	5°55'36	4♑22	25°58	20° 9	14°54	1°24	21°23	6° 5	5° 0	20°24	13°39	12°34	9°38	10°58	M26
T 27	8 25 1	6°56'39	16°27	27°34	21° 1	15°39	1°37	21°20	6° 8	5° 2	20°24	13°R39	12°31	9°44	11° 4	T 27
W28	8 28 57	7°57'40	28°44	29°10	21°55	16°24	1°49	21°17	6°10	5° 4	20°23	13°38	12°28	9°51	11° 9	W28
T 29	8 32 54	8°58'41	11♒14	0♒47	22°49	17°10	2° 1	21°15	6°12	5° 6	20°22	13°36	12°25	9°58	11°14	T 29
F 30	8 36 50	9°59'41	23°58	2°24	23°44	17°55	2°13	21°12	6°14	5° 8	20°21	13°32	12°21	10° 4	11°20	F 30
S 31	8 40 47	11♒ 0'40	6♓56	4♒ 3	24♐39	18♑40	2♑25	21♊10	6♐16	5♑10	20♊21	13♋28	12♋18	10♐11	11♐25	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s 0	21s18	1s42	21s46	1n14	16s41	4n13	23s52	0s30	23s 0	0n21	21n50	1s24	20s57	0n 9	22s16	1n 5	13n53	9s14	22n43	22n42	18s22	18s 6	3n38
F 2	22 55	19 3	2 44	22 0	1 6	16 42	4 17	23 54	0 31	23 1	0 21	21 50	1 23	20 58	0 9	22 16	1 5	13 53	9 14	22 43	22 42	18 24	18 7	3 38
S 3	22 50	15 51	3 39	22 13	0 58	16 43	4 20	23 55	0 31	23 1	0 21	21 50	1 23	20 58	0 9	22 16	1 5	13 53	9 14	22 43	22 42	18 26	18 7	3 38
S 4	22 44	11 52	4 25	22 26	0 49	16 45	4 24	23 57	0 32	23 2	0 21	21 50	1 23	20 59	0 9	22 16	1 5	13 53	9 14	22 43	22 43	18 28	18 8	3 39
M 5	22 38	7 16	4 58	22 38	0 41	16 47	4 26	23 58	0 33	23 2	0 21	21 50	1 23	21 0	0 9	22 16	1 5	13 53	9 14	22 43	22 43	18 29	18 9	3 39
T 6	22 31	2 14	5 15	22 49	0 33	16 50	4 29	23 58	0 33	23 2	0 21	21 50	1 23	21 0	0 9	22 16	1 5	13 53	9 14	22 43	22 43	18 31	18 9	3 40
W 7	22 23	3n 2	5 16	22 59	0 25	16 53	4 31	23 59	0 34	23 3	0 21	21 50	1 23	21 1	0 9	22 16	1 5	13 53	9 13	22 43	22 44	18 33	18 10	3 40
T 8	22 16	8 16	4 57	23 8	0 17	16 57	4 32	23 59	0 34	23 3	0 21	21 50	1 22	21 1	0 9	22 16	1 5	13 53	9 13	22 43	22 44	18 35	18 10	3 40
F 9	22 8	13 11	4 21	23 16	0 9	17 1	4 34	23 59	0 35	23 3	0 21	21 50	1 22	21 2	0 9	22 16	1 5	13 54	9 13	22 43	22 44	18 37	18 11	3 41
S 10	21 59	17 25	3 26	23 23	0 1	17 6	4 35	23 59	0 36	23 4	0 20	21 50	1 22	21 2	0 9	22 16	1 5	13 54	9 13	22 43	22 45	18 38	18 11	3 41
S 11	21 50	20 36	2 18	23 29	0s 6	17 11	4 36	23 58	0 36	23 4	0 20	21 50	1 22	21 3	0 9	22 16	1 5	13 54	9 13	22 43	22 45	18 40	18 12	3 42
M12	21 41	22 24	0 59	23 34	0 14	17 16	4 36	23 57	0 37	23 4	0 20	21 50	1 22	21 3	0 9	22 16	1 5	13 54	9 13	22 43	22 45	18 42	18 12	3 42
T 13	21 31	22 37	0n23	23 38	0 21	17 22	4 37	23 56	0 37	23 4	0 20	21 50	1 22	21 4	0 9	22 16	1 5	13 54	9 13	22 43	22 46	18 44	18 13	3 43
W14	21 20	21 16	1 42	23 40	0 28	17 27	4 37	23 55	0 38	23 5	0 20	21 50	1 21	21 4	0 9	22 15	1 5	13 54	9 12	22 43	22 46	18 45	18 13	3 43
T 15	21 10	18 33	2 54	23 42	0 35	17 33	4 37	23 54	0 38	23 5	0 20	21 50	1 21	21 5	0 9	22 15	1 5	13 54	9 12	22 43	22 46	18 47	18 14	3 44
F 16	20 59	14 48	3 53	23 42	0 42	17 39	4 36	23 52	0 39	23 5	0 20	21 49	1 21	21 5	0 9	22 15	1 5	13 54	9 12	22 43	22 46	18 49	18 14	3 44
S 17	20 47	10 23	4 37	23 41	0 48	17 46	4 35	23 50	0 40	23 5	0 20	21 49	1 21	21 6	0 9	22 15	1 5	13 54	9 12	22 43	22 47	18 51	18 15	3 45
S 18	20 35	5 36	5 4	23 38	0 55	17 52	4 35	23 47	0 40	23 5	0 20	21 49	1 21	21 6	0 9	22 15	1 5	13 54	9 12	22 44	22 47	18 52	18 15	3 45
M19	20 23	0 44	5 16	23 35	1 1	17 58	4 33	23 45	0 41	23 5	0 20	21 49	1 20	21 7	0 9	22 15	1 5	13 54	9 12	22 44	22 47	18 54	18 15	3 45
T 20	20 10	4s 2	5 12	23 30	1 7	18 5	4 32	23 42	0 41	23 5	0 20	21 49	1 20	21 7	0 9	22 15	1 5	13 55	9 11	22 44	22 48	18 56	18 16	3 46
W21	19 57	8 32	4 55	23 23	1 12	18 11	4 31	23 39	0 42	23 5	0 20	21 49	1 20	21 8	0 9	22 15	1 5	13 55	9 11	22 44	22 48	18 58	18 16	3 46
T 22	19 44	12 39	4 25	23 16	1 18	18 18	4 29	23 36	0 42	23 5	0 20	21 49	1 20	21 8	0 9	22 15	1 5	13 55	9 11	22 44	22 48	18 59	18 16	3 47
F 23	19 30	16 14	3 43	23 7	1 23	18 24	4 27	23 32	0 43	23 5	0 20	21 49	1 20	21 8	0 9	22 15	1 5	13 55	9 11	22 44	22 49	19 1	18 17	3 47
S 24	19 16	19 10	2 53	22 56	1 28	18 31	4 25	23 28	0 44	23 5	0 20	21 49	1 19	21 9	0 9	22 15	1 5	13 55	9 11	22 44	22 49	19 3	18 17	3 48
S 25	19 1	21 18	1 55	22 45	1 33	18 37	4 23	23 24	0 44	23 5	0 19	21 49	1 19	21 9	0 9	22 15	1 5	13 55	9 11	22 43	22 49	19 4	18 17	3 48
M26	18 46	22 30	0 51	22 32	1 37	18 43	4 21	23 20	0 45	23 5	0 19	21 49	1 19	21 10	0 9	22 14	1 5	13 55	9 10	22 43	22 50	19 6	18 17	3 49
T 27	18 31	22 40	0s15	22 17	1 41	18 49	4 18	23 15	0 45	23 5	0 19	21 49	1 19	21 10	0 9	22 14	1 5	13 55	9 10	22 43	22 50	19 8	18 18	3 50
W28	18 16	21 44	1 22	22 1	1 45	18 55	4 16	23 10	0 46	23 5	0 19	21 49	1 19	21 10	0 9	22 14	1 5	13 56	9 10	22 43	22 50	19 10	18 18	3 50
T 29	18 0	19 44	2 26	21 44	1 49	19 1	4 13	23 5	0 46	23 5	0 19	21 50	1 18	21 11	0 9	22 14	1 5	13 56	9 10	22 44	22 50	19 11	18 18	3 51
F 30	17 44	16 43	3 24	21 25	1 52	19 7	4 10	23 0	0 47	23 5	0 19	21 50	1 18	21 11	0 9	22 14	1 5	13 56	9 10	22 44	22 51	19 13	18 18	3 51
S 31	17s27	12s51	4s12	21s 5	1s55	19s12	4n 7	22s54	0s48	23s 5	0n19	21n50	1s18	21s12	0n 9	22s14	1n 5	13n56	9s 9	22n44	22n51	19s15	18s18	3n52

Julian Day Number = 2506331.5, Delta T = 121.66 sec
Ecliptic obliquity = 23°25'08, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°50'11, Lahiri = 25°57'11

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2150
geocentric

FEBRUARY 2150 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 44 44	12♒ 1'38	20♓ 7	5♒41	25♐35	19♑26	2♑38	21°R 8	6♐18	5♑12	20°R20	13°R23	12♋15	10♐18	11♐30	S 1
M 2	8 48 40	13° 2'35	3♈31	7°21	26°32	20°11	2°50	21♊ 6	6°20	5°14	20♊19	13♋19	12°12	10°24	11°35	M 2
T 3	8 52 37	14° 3'31	17° 7	9° 1	27°29	20°57	3° 1	21° 4	6°22	5°16	20°19	13°15	12° 9	10°31	11°40	T 3
W 4	8 56 33	15° 4'25	0♉54	10°42	28°26	21°42	3°13	21° 2	6°24	5°18	20°18	13°13	12° 6	10°38	11°45	W 4
T 5	9 0 30	16° 5'18	14°52	12°24	29°25	22°28	3°25	21° 0	6°26	5°19	20°17	13°D12	12° 2	10°44	11°49	T 5
F 6	9 4 26	17° 6'10	28°59	14° 6	0♑23	23°13	3°37	20°58	6°28	5°21	20°17	13°12	11°59	10°51	11°54	F 6
S 7	9 8 23	18° 7'00	13♊14	15°49	1°22	23°59	3°48	20°57	6°30	5°23	20°16	13°14	11°56	10°58	11°59	S 7
S 8	9 12 19	19° 7'49	27°35	17°33	2°21	24°45	4° 0	20°55	6°31	5°25	20°16	13°15	11°53	11° 4	12° 3	S 8
M 9	9 16 16	20° 8'37	11♋59	19°18	3°21	25°30	4°11	20°54	6°33	5°27	20°15	13°R16	11°50	11°11	12° 8	M 9
T 10	9 20 13	21° 9'23	26°23	21° 3	4°21	26°16	4°23	20°53	6°35	5°28	20°15	13°15	11°47	11°18	12°12	T 10
W11	9 24 9	22°10'07	10♌40	22°49	5°22	27° 2	4°34	20°51	6°36	5°30	20°14	13°13	11°43	11°24	12°16	W11
T 12	9 28 6	23°10'51	24°47	24°36	6°23	27°47	4°45	20°50	6°38	5°32	20°14	13° 8	11°40	11°31	12°20	T 12
F 13	9 32 2	24°11'33	8♍39	26°23	7°24	28°33	4°56	20°49	6°39	5°33	20°13	13° 2	11°37	11°38	12°25	F 13
S 14	9 35 59	25°12'13	22°11	28°11	8°26	29°19	5° 7	20°49	6°40	5°35	20°13	12°54	11°34	11°44	12°29	S 14
S 15	9 39 55	26°12'53	5♎22	0♓ 0	9°28	0♒ 5	5°18	20°48	6°42	5°37	20°13	12°47	11°31	11°51	12°32	S 15
M16	9 43 52	27°13'31	18°11	1°50	10°31	0°51	5°29	20°47	6°43	5°38	20°12	12°40	11°27	11°58	12°36	M16
T 17	9 47 48	28°14'08	0♏40	3°40	11°33	1°37	5°40	20°47	6°44	5°40	20°12	12°34	11°24	12° 4	12°40	T 17
W18	9 51 45	29°14'44	12°52	5°30	12°36	2°23	5°51	20°47	6°46	5°41	20°12	12°31	11°21	12°11	12°44	W18
T 19	9 55 42	0♓15'19	24°52	7°21	13°40	3° 9	6° 1	20°46	6°47	5°43	20°11	12°29	11°18	12°17	12°47	T 19
F 20	9 59 38	1°15'52	6♐43	9°12	14°43	3°55	6°12	20°46	6°48	5°44	20°11	12°D29	11°15	12°24	12°51	F 20
S 21	10 3 35	2°16'24	18°31	11° 3	15°47	4°41	6°22	20°D46	6°49	5°46	20°11	12°30	11°12	12°31	12°54	S 21
S 22	10 7 31	3°16'55	0♑23	12°54	16°51	5°27	6°32	20°46	6°50	5°47	20°10	12°31	11° 8	12°37	12°57	S 22
M23	10 11 28	4°17'25	12°21	14°45	17°56	6°13	6°43	20°46	6°51	5°49	20°10	12°R32	11° 5	12°44	13° 0	M23
T 24	10 15 24	5°17'54	24°32	16°35	19° 1	6°59	6°53	20°47	6°52	5°50	20°10	12°31	11° 2	12°51	13° 4	T 24
W25	10 19 21	6°18'21	6♒59	18°24	20° 5	7°45	7° 3	20°47	6°53	5°51	20°10	12°28	10°59	12°57	13° 6	W25
T 26	10 23 17	7°18'46	19°43	20°13	21°11	8°31	7°13	20°48	6°53	5°53	20°10	12°23	10°56	13° 4	13° 9	T 26
F 27	10 27 14	8°19'10	2♓46	21°59	22°16	9°17	7°22	20°48	6°54	5°54	20°10	12°15	10°52	13°11	13°12	F 27
S 28	10 31 11	9♓19'32	16♓ 8	23♓44	23♑22	10♒ 4	7♑32	20♊49	6♐55	5♑55	20♊ 9	12♋ 5	10♋49	13♐17	13♐15	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s10	8s19	4s48	20s44	1s57	19s17	4n 4	22s48	0s48	23s 5	0n19	21n50	1s18	21s12	0n 9	22s14	1n 5	13n56	9s 9	22n45	22n51	19s16	18s18	3n52
M 2	16 53	3 19	5 8	20 21	2 0	19 22	4 0	22 42	0 49	23 4	0 19	21 50	1 18	21 12	0 9	22 14	1 5	13 56	9 9	22 45	22 52	19 18	18 19	3 53
T 3	16 36	1n55	5 12	19 56	2 2	19 27	3 57	22 36	0 49	23 4	0 19	21 50	1 17	21 13	0 9	22 14	1 5	13 57	9 9	22 46	22 52	19 20	18 19	3 53
W 4	16 18	7 7	4 58	19 31	2 3	19 31	3 53	22 29	0 50	23 4	0 19	21 50	1 17	21 13	0 9	22 14	1 5	13 57	9 9	22 46	22 52	19 21	18 19	3 54
T 5	16 0	12 2	4 27	19 3	2 4	19 35	3 50	22 23	0 50	23 4	0 19	21 50	1 17	21 13	0 9	22 14	1 5	13 57	9 8	22 46	22 52	19 23	18 19	3 54
F 6	15 42	16 21	3 39	18 35	2 5	19 39	3 46	22 15	0 51	23 3	0 19	21 50	1 17	21 14	0 9	22 14	1 5	13 57	9 8	22 46	22 53	19 25	18 19	3 55
S 7	15 23	19 47	2 37	18 4	2 5	19 42	3 42	22 8	0 51	23 3	0 19	21 50	1 17	21 14	0 9	22 13	1 5	13 57	9 8	22 46	22 53	19 26	18 19	3 56
S 8	15 4	21 59	1 25	17 33	2 5	19 45	3 39	22 1	0 52	23 3	0 19	21 50	1 16	21 14	0 9	22 13	1 5	13 57	9 8	22 46	22 53	19 28	18 19	3 56
M 9	14 45	22 46	0 7	17 0	2 5	19 48	3 35	21 53	0 52	23 3	0 19	21 51	1 16	21 14	0 9	22 13	1 5	13 58	9 8	22 46	22 54	19 30	18 19	3 57
T 10	14 26	22 1	1n11	16 25	2 4	19 50	3 31	21 45	0 53	23 2	0 19	21 51	1 16	21 15	0 9	22 13	1 5	13 58	9 7	22 46	22 54	19 31	18 19	3 57
W11	14 7	19 51	2 24	15 49	2 2	19 52	3 26	21 37	0 53	23 2	0 18	21 51	1 16	21 15	0 9	22 13	1 5	13 58	9 7	22 46	22 54	19 33	18 19	3 58
T 12	13 47	16 29	3 26	15 12	2 0	19 54	3 22	21 28	0 54	23 2	0 18	21 51	1 15	21 15	0 9	22 13	1 5	13 58	9 7	22 46	22 54	19 35	18 19	3 58
F 13	13 27	12 16	4 16	14 34	1 58	19 55	3 18	21 19	0 54	23 1	0 18	21 51	1 15	21 15	0 9	22 13	1 5	13 58	9 7	22 47	22 55	19 36	18 19	3 59
S 14	13 7	7 32	4 49	13 53	1 55	19 56	3 14	21 10	0 55	23 1	0 18	21 51	1 15	21 16	0 9	22 13	1 5	13 59	9 6	22 48	22 55	19 38	18 19	4 0
S 15	12 46	2 34	5 6	13 12	1 52	19 56	3 9	21 1	0 55	23 1	0 18	21 51	1 15	21 16	0 9	22 13	1 5	13 59	9 6	22 48	22 55	19 40	18 19	4 0
M16	12 25	2s23	5 8	12 29	1 48	19 56	3 5	20 52	0 56	23 0	0 18	21 52	1 15	21 16	0 9	22 13	1 5	13 59	9 6	22 49	22 56	19 41	18 18	4 1
T 17	12 5	7 6	4 54	11 45	1 43	19 55	3 1	20 42	0 56	23 0	0 18	21 52	1 14	21 16	0 9	22 13	1 5	13 59	9 6	22 50	22 56	19 43	18 18	4 1
W18	11 44	11 27	4 27	11 0	1 38	19 54	2 56	20 32	0 57	22 59	0 18	21 52	1 14	21 17	0 9	22 12	1 5	13 59	9 5	22 50	22 56	19 45	18 18	4 2
T 19	11 22	15 16	3 49	10 14	1 32	19 53	2 51	20 22	0 57	22 59	0 18	21 52	1 14	21 17	0 9	22 12	1 5	14 0	9 5	22 50	22 56	19 46	18 18	4 3
F 20	11 1	18 26	3 1	9 26	1 25	19 51	2 47	20 12	0 58	22 59	0 18	21 52	1 14	21 17	0 9	22 12	1 5	14 0	9 5	22 50	22 57	19 48	18 18	4 3
S 21	10 39	20 50	2 6	8 37	1 18	19 48	2 42	20 1	0 58	22 58	0 18	21 53	1 13	21 17	0 9	22 12	1 5	14 0	9 5	22 50	22 57	19 49	18 18	4 4
S 22	10 18	22 20	1 5	7 48	1 11	19 45	2 38	19 51	0 59	22 58	0 18	21 53	1 13	21 17	0 9	22 12	1 6	14 0	9 5	22 50	22 57	19 51	18 17	4 5
M23	9 56	22 50	0 1	6 58	1 2	19 42	2 33	19 40	0 59	22 57	0 18	21 53	1 13	21 17	0 9	22 12	1 6	14 0	9 4	22 50	22 57	19 53	18 17	4 5
T 24	9 34	22 15	1s 4	6 7	0 53	19 38	2 28	19 29	1 0	22 57	0 18	21 53	1 13	21 18	0 9	22 12	1 6	14 1	9 4	22 50	22 58	19 54	18 17	4 6
W25	9 11	20 34	2 8	5 15	0 44	19 33	2 23	19 17	1 0	22 56	0 18	21 54	1 13	21 18	0 9	22 12	1 6	14 1	9 4	22 50	22 58	19 56	18 17	4 6
T 26	8 49	17 50	3 6	4 23	0 33	19 28	2 19	19 6	1 1	22 56	0 18	21 54	1 12	21 18	0 9	22 12	1 6	14 1	9 4	22 51	22 58	19 57	18 16	4 7
F 27	8 27	14 9	3 56	3 31	0 23	19 23	2 14	18 54	1 1	22 55	0 18	21 54	1 12	21 18	0 9	22 12	1 6	14 1	9 3	22 51	22 58	19 59	18 16	4 8
S 28	8s 4	9s40	4s34	2s39	0s11	19s17	2n 9	18s42	1s 2	22s55	0n18	21n54	1s12	21s18	0n 9	22s12	1n 6	14n 2	9s 3	22n52	22n59	20s 1	18s16	4n 8

Julian Day Number = 2506362.5, Delta T = 121.72 sec
Ecliptic obliquity = 23°25'09, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°50'15, Lahiri = 25°57'15

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2150
geocentric

MARCH 2150 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 35 7	10♓19'52	29♓46	25♓26	24♑27	10♒50	7♑42	20♊50	6♐55	5♑56	20°R 9	11°R55	10♋46	13♐24	13♐17	S 1
M 2	10 39 4	11°20'11	13♈37	27° 5	25°33	11°36	7°51	20°51	6°56	5°58	20♊ 9	11♋45	10°43	13°31	13°20	M 2
T 3	10 43 0	12°20'27	27°37	28°41	26°40	12°22	8° 0	20°52	6°56	5°59	20° 9	11°37	10°40	13°37	13°22	T 3
W 4	10 46 57	13°20'42	11♉42	0♈12	27°46	13° 9	8° 9	20°54	6°57	6° 0	20° 9	11°30	10°37	13°44	13°25	W 4
T 5	10 50 53	14°20'55	25°49	1°39	28°52	13°55	8°19	20°55	6°57	6° 1	20°D 9	11°26	10°33	13°51	13°27	T 5
F 6	10 54 50	15°21'06	9♊57	3° 1	29°59	14°41	8°28	20°56	6°58	6° 2	20° 9	11°D25	10°30	13°57	13°29	F 6
S 7	10 58 46	16°21'14	24° 3	4°17	1♒ 6	15°28	8°36	20°58	6°58	6° 3	20° 9	11°25	10°27	14° 4	13°31	S 7
S 8	11 2 43	17°21'21	8♋ 7	5°27	2°13	16°14	8°45	21° 0	6°58	6° 4	20° 9	11°R25	10°24	14°11	13°33	S 8
M 9	11 6 40	18°21'25	22° 8	6°30	3°20	17° 0	8°54	21° 1	6°58	6° 5	20° 9	11°25	10°21	14°17	13°34	M 9
T 10	11 10 36	19°21'27	6♌ 4	7°25	4°28	17°47	9° 2	21° 3	6°58	6° 6	20° 9	11°23	10°18	14°24	13°36	T 10
W11	11 14 33	20°21'27	19°54	8°12	5°35	18°33	9°10	21° 5	6°59	6° 7	20°10	11°18	10°14	14°31	13°38	W11
T 12	11 18 29	21°21'25	3♍36	8°52	6°43	19°19	9°19	21° 7	6°R59	6° 8	20°10	11°10	10°11	14°37	13°39	T 12
F 13	11 22 26	22°21'21	17° 6	9°22	7°51	20° 6	9°27	21°10	6°59	6° 9	20°10	10°59	10° 8	14°44	13°40	F 13
S 14	11 26 22	23°21'15	0♎22	9°44	8°59	20°52	9°35	21°12	6°58	6°10	20°10	10°47	10° 5	14°51	13°42	S 14
S 15	11 30 19	24°21'07	13°21	9°58	10° 7	21°39	9°42	21°14	6°58	6°11	20°10	10°35	10° 2	14°57	13°43	S 15
M16	11 34 15	25°20'58	26° 4	10°R 2	11°15	22°25	9°50	21°17	6°58	6°11	20°11	10°23	9°58	15° 4	13°44	M16
T 17	11 38 12	26°20'46	8♏30	9°58	12°23	23°12	9°58	21°19	6°58	6°12	20°11	10°12	9°55	15°11	13°45	T 17
W18	11 42 8	27°20'33	20°41	9°45	13°32	23°58	10° 5	21°22	6°58	6°13	20°11	10° 4	9°52	15°17	13°46	W18
T 19	11 46 5	28°20'18	2♐40	9°25	14°40	24°45	10°12	21°25	6°57	6°13	20°11	9°59	9°49	15°24	13°46	T 19
F 20	11 50 2	29°20'01	14°31	8°57	15°49	25°31	10°19	21°28	6°57	6°14	20°12	9°57	9°46	15°31	13°47	F 20
S 21	11 53 58	0♈19'43	26°19	8°23	16°58	26°18	10°26	21°31	6°56	6°15	20°12	9°D56	9°43	15°37	13°47	S 21
S 22	11 57 55	1°19'23	8♑10	7°43	18° 7	27° 4	10°33	21°34	6°56	6°15	20°12	9°R56	9°39	15°44	13°48	S 22
M23	12 1 51	2°19'01	20° 9	6°57	19°16	27°51	10°40	21°37	6°55	6°16	20°13	9°55	9°36	15°51	13°48	M23
T 24	12 5 48	3°18'38	2♒21	6° 8	20°25	28°37	10°46	21°41	6°55	6°16	20°13	9°54	9°33	15°57	13°48	T 24
W25	12 9 44	4°18'12	14°52	5°17	21°34	29°24	10°53	21°44	6°54	6°17	20°14	9°50	9°30	16° 4	13°R48	W25
T 26	12 13 41	5°17'45	27°44	4°24	22°44	0♓11	10°59	21°48	6°53	6°17	20°14	9°43	9°27	16°11	13°48	T 26
F 27	12 17 37	6°17'16	11♓ 1	3°30	23°53	0°57	11° 5	21°51	6°53	6°18	20°15	9°34	9°24	16°17	13°48	F 27
S 28	12 21 34	7°16'45	24°40	2°37	25° 2	1°44	11°11	21°55	6°52	6°18	20°15	9°23	9°20	16°24	13°48	S 28
S 29	12 25 31	8°16'12	8♈41	1°46	26°12	2°30	11°17	21°59	6°51	6°18	20°16	9°10	9°17	16°31	13°48	S 29
M30	12 29 27	9°15'37	22°58	0°57	27°22	3°17	11°22	22° 3	6°50	6°19	20°16	8°58	9°14	16°37	13°47	M30
T 31	12 33 24	10♈15'00	7♉26	0♈12	28♒32	4♓ 4	11♑27	22♊ 7	6♐49	6♑19	20♊17	8♋48	9♋11	16♐44	13♐47	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s41	4s39	4s58	1s48	0n 1	19s10	2n 4	18s30	1s 2	22s54	0n17	21n55	1s12	21s18	0n 9	22s12	1n 6	14n 2	9s 3	22n53	22n59	20s 2	18s15	4n 9
M 2	7 18	0n42	5 4	0 57	0 14	19 3	1 59	18 18	1 3	22 54	0 17	21 55	1 11	21 18	0 9	22 11	1 6	14 2	9 3	22 54	22 59	20 4	18 15	4 10
T 3	6 56	6 3	4 53	0 7	0 27	18 56	1 55	18 5	1 3	22 53	0 17	21 55	1 11	21 18	0 9	22 11	1 6	14 2	9 2	22 55	22 59	20 5	18 15	4 10
W 4	6 32	11 9	4 24	0n42	0 40	18 48	1 50	17 52	1 4	22 53	0 17	21 56	1 11	21 19	0 9	22 11	1 6	14 2	9 2	22 55	23 0	20 7	18 14	4 11
T 5	6 9	15 40	3 38	1 29	0 54	18 39	1 45	17 39	1 4	22 52	0 17	21 56	1 11	21 19	0 9	22 11	1 6	14 3	9 2	22 56	23 0	20 9	18 14	4 12
F 6	5 46	19 18	2 40	2 14	1 8	18 30	1 40	17 26	1 4	22 52	0 17	21 56	1 11	21 19	0 9	22 11	1 6	14 3	9 2	22 56	23 0	20 10	18 13	4 12
S 7	5 23	21 46	1 31	2 57	1 22	18 21	1 35	17 13	1 5	22 51	0 17	21 57	1 10	21 19	0 9	22 11	1 6	14 3	9 1	22 56	23 1	20 12	18 13	4 13
S 8	4 59	22 53	0 18	3 38	1 36	18 11	1 31	17 0	1 5	22 51	0 17	21 57	1 10	21 19	0 9	22 11	1 6	14 3	9 1	22 56	23 1	20 13	18 13	4 14
M 9	4 36	22 32	0n57	4 15	1 50	18 0	1 26	16 46	1 6	22 50	0 17	21 57	1 10	21 19	0 9	22 11	1 6	14 4	9 1	22 56	23 1	20 15	18 12	4 14
T 10	4 13	20 48	2 7	4 50	2 3	17 49	1 21	16 32	1 6	22 50	0 17	21 58	1 10	21 19	0 9	22 11	1 6	14 4	9 1	22 56	23 1	20 16	18 12	4 15
W11	3 49	17 50	3 9	5 20	2 16	17 37	1 16	16 18	1 6	22 49	0 17	21 58	1 9	21 19	0 9	22 11	1 6	14 4	9 0	22 56	23 1	20 18	18 11	4 16
T 12	3 25	13 54	4 0	5 48	2 29	17 25	1 12	16 4	1 7	22 49	0 17	21 58	1 9	21 19	0 9	22 11	1 6	14 4	9 0	22 57	23 2	20 19	18 11	4 16
F 13	3 2	9 20	4 36	6 11	2 41	17 13	1 7	15 50	1 7	22 48	0 17	21 59	1 9	21 19	0 9	22 11	1 6	14 5	9 0	22 58	23 2	20 21	18 10	4 17
S 14	2 38	4 23	4 57	6 29	2 52	17 0	1 2	15 36	1 8	22 48	0 17	21 59	1 9	21 19	0 9	22 11	1 6	14 5	9 0	22 59	23 2	20 22	18 10	4 18
S 15	2 14	0s39	5 1	6 44	3 2	16 46	0 58	15 21	1 8	22 47	0 17	21 59	1 9	21 19	0 9	22 11	1 6	14 5	9 0	23 0	23 2	20 24	18 9	4 18
M16	1 51	5 33	4 50	6 54	3 11	16 32	0 53	15 6	1 8	22 47	0 17	22 0	1 8	21 19	0 9	22 10	1 6	14 5	8 59	23 1	23 3	20 26	18 9	4 19
T 17	1 27	10 7	4 26	6 59	3 18	16 18	0 49	14 51	1 9	22 46	0 17	22 0	1 8	21 19	0 9	22 10	1 6	14 6	8 59	23 2	23 3	20 27	18 8	4 20
W18	1 3	14 13	3 50	7 0	3 24	16 3	0 44	14 36	1 9	22 46	0 16	22 1	1 8	21 19	0 9	22 10	1 6	14 6	8 59	23 2	23 3	20 29	18 8	4 20
T 19	0 40	17 40	3 4	6 56	3 29	15 47	0 40	14 21	1 9	22 45	0 16	22 1	1 8	21 19	0 9	22 10	1 6	14 6	8 59	23 3	23 3	20 30	18 7	4 21
F 20	0 16	20 22	2 10	6 47	3 31	15 31	0 35	14 6	1 10	22 45	0 16	22 1	1 8	21 19	0 9	22 10	1 6	14 6	8 58	23 3	23 4	20 32	18 6	4 22
S 21	0n 8	22 11	1 12	6 34	3 32	15 15	0 31	13 50	1 10	22 44	0 16	22 2	1 7	21 18	0 9	22 10	1 6	14 7	8 58	23 3	23 4	20 33	18 6	4 22
S 22	0 32	23 1	0 9	6 17	3 31	14 58	0 26	13 35	1 10	22 44	0 16	22 2	1 7	21 18	0 9	22 10	1 6	14 7	8 58	23 3	23 4	20 35	18 5	4 23
M23	0 55	22 48	0s54	5 57	3 28	14 41	0 22	13 19	1 11	22 43	0 16	22 3	1 7	21 18	0 9	22 10	1 6	14 7	8 58	23 3	23 4	20 36	18 5	4 24
T 24	1 19	21 30	1 56	5 33	3 24	14 23	0 18	13 3	1 11	22 43	0 16	22 3	1 7	21 18	0 9	22 10	1 6	14 8	8 57	23 3	23 5	20 38	18 4	4 24
W25	1 43	19 8	2 54	5 6	3 17	14 5	0 13	12 47	1 11	22 42	0 16	22 3	1 7	21 18	0 9	22 10	1 6	14 8	8 57	23 3	23 5	20 39	18 3	4 25
T 26	2 6	15 45	3 44	4 38	3 8	13 47	0 9	12 31	1 12	22 42	0 16	22 4	1 6	21 18	0 9	22 10	1 6	14 8	8 57	23 4	23 5	20 41	18 3	4 26
F 27	2 30	11 30	4 24	4 7	2 58	13 28	0 5	12 15	1 12	22 42	0 16	22 4	1 6	21 18	0 9	22 10	1 6	14 8	8 57	23 4	23 5	20 42	18 2	4 26
S 28	2 53	6 34	4 51	3 36	2 47	13 9	0 1	11 59	1 12	22 41	0 16	22 5	1 6	21 18	0 9	22 10	1 6	14 9	8 56	23 5	23 5	20 44	18 1	4 27
S 29	3 17	1 10	5 0	3 4	2 34	12 49	0s 3	11 42	1 13	22 41	0 16	22 5	1 6	21 18	0 9	22 10	1 6	14 9	8 56	23 6	23 6	20 45	18 1	4 28
M30	3 40	4n24	4 52	2 32	2 21	12 29	0 7	11 26	1 13	22 40	0 16	22 5	1 6	21 17	0 9	22 10	1 6	14 9	8 56	23 7	23 6	20 46	18 0	4 28
T 31	4n 3	9n49	4s24	2n 1	2n 6	12s 9	0s11	11s 9	1s13	22s40	0n16	22n 6	1s 5	21s17	0n 9	22s10	1n 7	14n 9	8s56	23n 8	23n 6	20s48	17s59	4n29

Julian Day Number = 2506390.5, Delta T = 121.77 sec
Ecliptic obliquity = 23°25'10, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°50'19, Lahiri = 25°57'19

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2150
geocentric

APRIL 2150 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 37 20	11♈14'21	21♉57	29°R31	29♒41	4♓50	11♑33	22♊11	6°R48	6♑19	20♊17	8°R40	9♋ 8	16♐51	13°R46	W 1
T 2	12 41 17	12°13'39	6♊25	28♓54	0♓51	5°37	11°38	22°15	6♐47	6°19	20°18	8♋34	9° 4	16°57	13♐45	T 2
F 3	12 45 13	13°12'56	20°47	28°23	2° 1	6°23	11°43	22°19	6°46	6°20	20°19	8°32	9° 1	17° 4	13°45	F 3
S 4	12 49 10	14°12'10	4♋59	27°57	3°11	7°10	11°47	22°24	6°45	6°20	20°19	8°31	8°58	17°10	13°44	S 4
S 5	12 53 6	15°11'22	19° 0	27°37	4°21	7°56	11°52	22°28	6°44	6°20	20°20	8°31	8°55	17°17	13°43	S 5
M 6	12 57 3	16°10'31	2♌49	27°22	5°32	8°43	11°56	22°33	6°42	6°20	20°21	8°30	8°52	17°24	13°42	M 6
T 7	13 1 0	17° 9'38	16°28	27°13	6°42	9°30	12° 1	22°37	6°41	6°20	20°21	8°28	8°49	17°30	13°40	T 7
W 8	13 4 56	18° 8'42	29°56	27°D 9	7°52	10°16	12° 5	22°42	6°40	6°R20	20°22	8°23	8°45	17°37	13°39	W 8
T 9	13 8 53	19° 7'45	13♍13	27°11	9° 3	11° 3	12° 9	22°47	6°38	6°20	20°23	8°14	8°42	17°44	13°38	T 9
F 10	13 12 49	20° 6'45	26°19	27°18	10°13	11°49	12°12	22°52	6°37	6°20	20°24	8° 4	8°39	17°50	13°36	F 10
S 11	13 16 46	21° 5'43	9♎14	27°31	11°23	12°36	12°16	22°57	6°35	6°20	20°24	7°51	8°36	17°57	13°34	S 11
S 12	13 20 42	22° 4'39	21°56	27°48	12°34	13°22	12°19	23° 2	6°34	6°20	20°25	7°38	8°33	18° 4	13°33	S 12
M13	13 24 39	23° 3'32	4♏25	28°10	13°45	14° 9	12°23	23° 7	6°32	6°20	20°26	7°26	8°29	18°10	13°31	M13
T 14	13 28 35	24° 2'24	16°41	28°37	14°55	14°55	12°26	23°12	6°31	6°19	20°27	7°15	8°26	18°17	13°29	T 14
W15	13 32 32	25° 1'15	28°46	29° 8	16° 6	15°42	12°28	23°17	6°29	6°19	20°28	7° 7	8°23	18°24	13°27	W15
T 16	13 36 29	26° 0'03	10♐42	29°43	17°17	16°28	12°31	23°22	6°27	6°19	20°28	7° 1	8°20	18°30	13°25	T 16
F 17	13 40 25	26°58'49	22°31	0♈23	18°28	17°15	12°34	23°28	6°26	6°19	20°29	6°58	8°17	18°37	13°23	F 17
S 18	13 44 22	27°57'34	4♑19	1° 5	19°39	18° 2	12°36	23°33	6°24	6°18	20°30	6°D57	8°14	18°44	13°21	S 18
S 19	13 48 18	28°56'17	16° 9	1°52	20°49	18°48	12°38	23°39	6°22	6°18	20°31	6°57	8°10	18°50	13°18	S 19
M20	13 52 15	29°54'59	28° 7	2°42	22° 0	19°34	12°40	23°45	6°20	6°18	20°32	6°R58	8° 7	18°57	13°16	M20
T 21	13 56 11	0♉53'38	10♒18	3°35	23°11	20°21	12°42	23°50	6°19	6°17	20°33	6°57	8° 4	19° 4	13°13	T 21
W22	14 0 8	1°52'16	22°48	4°31	24°23	21° 7	12°43	23°56	6°17	6°17	20°34	6°55	8° 1	19°10	13°11	W22
T 23	14 4 4	2°50'53	5♓42	5°30	25°34	21°54	12°45	24° 2	6°15	6°16	20°35	6°51	7°58	19°17	13° 8	T 23
F 24	14 8 1	3°49'27	19° 1	6°32	26°45	22°40	12°46	24° 8	6°13	6°16	20°36	6°44	7°55	19°24	13° 5	F 24
S 25	14 11 57	4°48'00	2♈48	7°37	27°56	23°27	12°47	24°14	6°11	6°15	20°37	6°36	7°51	19°30	13° 3	S 25
S 26	14 15 54	5°46'31	17° 0	8°44	29° 7	24°13	12°48	24°20	6° 9	6°15	20°38	6°26	7°48	19°37	13° 0	S 26
M27	14 19 51	6°45'01	1♉35	9°54	0♈19	24°59	12°48	24°26	6° 7	6°14	20°39	6°17	7°45	19°43	12°57	M27
T 28	14 23 47	7°43'28	16°23	11° 6	1°30	25°46	12°49	24°32	6° 5	6°13	20°40	6° 8	7°42	19°50	12°54	T 28
W29	14 27 44	8°41'54	1♊18	12°21	2°41	26°32	12°49	24°38	6° 3	6°13	20°41	6° 2	7°39	19°57	12°51	W29
T 30	14 31 40	9♉40'18	16♊10	13♈38	3♈53	27♓18	12°R49	24♊44	6♐ 1	6♑12	20♊42	5♋58	7♋35	20♐ 3	12♐47	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	4n27	14n42	3s40	1n30	1n51	11s48	0s15	10s52	1s14	22s39	0n16	22n 6	1s 5	21s17	0n 9	22s10	1n 7	14n10	8s56	23n 8	23n 6	20s49	17s58	4n30
T 2	4 50	18 43	2 41	1 2	1 35	11 27	0 18	10 35	1 14	22 39	0 16	22 7	1 5	21 17	0 9	22 10	1 7	14 10	8 55	23 9	23 7	20 51	17 58	4 30
F 3	5 13	21 34	1 32	0 35	1 20	11 5	0 22	10 18	1 14	22 39	0 16	22 7	1 5	21 17	0 9	22 10	1 7	14 10	8 55	23 9	23 7	20 52	17 57	4 31
S 4	5 36	23 1	0 19	0 10	1 4	10 44	0 26	10 1	1 14	22 38	0 15	22 8	1 5	21 17	0 9	22 10	1 7	14 10	8 55	23 9	23 7	20 54	17 56	4 31
S 5	5 59	22 59	0n55	0s13	0 48	10 22	0 29	9 44	1 15	22 38	0 15	22 8	1 4	21 16	0 9	22 10	1 7	14 11	8 55	23 9	23 7	20 55	17 55	4 32
M 6	6 21	21 32	2 5	0 33	0 32	9 59	0 33	9 27	1 15	22 38	0 15	22 9	1 4	21 16	0 9	22 9	1 7	14 11	8 54	23 9	23 7	20 57	17 55	4 33
T 7	6 44	18 51	3 6	0 51	0 17	9 36	0 36	9 10	1 15	22 37	0 15	22 9	1 4	21 16	0 9	22 9	1 7	14 11	8 54	23 9	23 8	20 58	17 54	4 33
W 8	7 7	15 10	3 56	1 6	0 2	9 13	0 40	8 52	1 15	22 37	0 15	22 9	1 4	21 16	0 9	22 9	1 7	14 12	8 54	23 9	23 8	20 59	17 53	4 34
T 9	7 29	10 47	4 33	1 19	0s13	8 50	0 43	8 35	1 15	22 37	0 15	22 10	1 4	21 15	0 9	22 9	1 7	14 12	8 54	23 10	23 8	21 1	17 52	4 35
F 10	7 51	5 58	4 55	1 29	0 27	8 27	0 46	8 17	1 16	22 37	0 15	22 10	1 3	21 15	0 9	22 9	1 7	14 12	8 54	23 10	23 8	21 2	17 51	4 35
S 11	8 13	0 57	5 1	1 36	0 40	8 3	0 49	8 0	1 16	22 36	0 15	22 11	1 3	21 15	0 9	22 9	1 7	14 12	8 53	23 11	23 8	21 4	17 51	4 36
S 12	8 36	4s 1	4 52	1 41	0 53	7 39	0 52	7 42	1 16	22 36	0 15	22 11	1 3	21 15	0 9	22 9	1 7	14 13	8 53	23 12	23 9	21 5	17 50	4 37
M13	8 57	8 46	4 29	1 43	1 5	7 14	0 55	7 24	1 16	22 36	0 15	22 12	1 3	21 15	0 9	22 9	1 7	14 13	8 53	23 13	23 9	21 7	17 49	4 37
T 14	9 19	13 5	3 53	1 43	1 17	6 50	0 58	7 6	1 16	22 36	0 15	22 12	1 3	21 14	0 9	22 9	1 7	14 13	8 53	23 13	23 9	21 8	17 48	4 38
W15	9 41	16 48	3 8	1 41	1 28	6 25	1 1	6 49	1 17	22 35	0 15	22 13	1 3	21 14	0 9	22 9	1 7	14 13	8 53	23 14	23 9	21 9	17 47	4 38
T 16	10 2	19 48	2 15	1 36	1 38	6 0	1 4	6 31	1 17	22 35	0 15	22 13	1 2	21 14	0 9	22 9	1 7	14 14	8 52	23 14	23 9	21 11	17 47	4 39
F 17	10 23	21 57	1 16	1 30	1 47	5 35	1 7	6 13	1 17	22 35	0 15	22 13	1 2	21 13	0 9	22 9	1 7	14 14	8 52	23 14	23 10	21 12	17 46	4 40
S 18	10 44	23 7	0 14	1 21	1 56	5 9	1 9	5 55	1 17	22 35	0 15	22 14	1 2	21 13	0 9	22 9	1 7	14 14	8 52	23 14	23 10	21 14	17 45	4 40
S 19	11 5	23 15	0s49	1 10	2 4	4 44	1 12	5 37	1 17	22 35	0 14	22 14	1 2	21 13	0 9	22 9	1 7	14 14	8 52	23 14	23 10	21 15	17 44	4 41
M20	11 26	22 19	1 50	0 57	2 12	4 18	1 14	5 19	1 17	22 35	0 14	22 15	1 2	21 13	0 9	22 9	1 7	14 15	8 52	23 14	23 10	21 16	17 43	4 41
T 21	11 47	20 20	2 48	0 42	2 19	3 52	1 16	5 0	1 17	22 35	0 14	22 15	1 1	21 12	0 9	22 9	1 7	14 15	8 51	23 14	23 10	21 18	17 42	4 42
W22	12 7	17 21	3 39	0 25	2 25	3 26	1 19	4 42	1 18	22 35	0 14	22 16	1 1	21 12	0 9	22 9	1 7	14 15	8 51	23 14	23 11	21 19	17 41	4 43
T 23	12 27	13 27	4 21	0 7	2 30	3 0	1 21	4 24	1 18	22 34	0 14	22 16	1 1	21 12	0 9	22 9	1 7	14 15	8 51	23 15	23 11	21 20	17 40	4 43
F 24	12 47	8 47	4 50	0n13	2 35	2 34	1 23	4 6	1 18	22 34	0 14	22 16	1 1	21 11	0 9	22 9	1 7	14 16	8 51	23 15	23 11	21 22	17 40	4 44
S 25	13 7	3 32	5 4	0 35	2 39	2 7	1 25	3 47	1 18	22 34	0 14	22 17	1 1	21 11	0 9	22 9	1 7	14 16	8 51	23 15	23 11	21 23	17 39	4 44
S 26	13 26	2n 4	4 59	0 58	2 43	1 41	1 27	3 29	1 18	22 34	0 14	22 17	1 1	21 11	0 9	22 9	1 7	14 16	8 50	23 16	23 11	21 24	17 38	4 45
M27	13 45	7 42	4 36	1 22	2 46	1 14	1 29	3 11	1 18	22 34	0 14	22 18	1 1	21 10	0 9	22 9	1 7	14 16	8 50	23 16	23 12	21 26	17 37	4 45
T 28	14 4	13 0	3 53	1 48	2 48	0 47	1 30	2 53	1 18	22 34	0 14	22 18	1 0	21 10	0 9	22 9	1 7	14 17	8 50	23 17	23 12	21 27	17 36	4 46
W29	14 23	17 33	2 55	2 16	2 50	0 21	1 32	2 34	1 18	22 35	0 14	22 18	1 0	21 9	0 9	22 9	1 7	14 17	8 50	23 17	23 12	21 29	17 35	4 46
T 30	14n42	20n59	1s44	2n44	2s51	0n 6	1s34	2s16	1s18	22s35	0n14	22n19	1s 0	21s 9	0n 9	22s 9	1n 7	14n17	8s50	23n17	23n12	21s30	17s34	4n47

Julian Day Number = 2506421.5, Delta T = 121.83 sec
Ecliptic obliquity = 23°25'10, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°50'23, Lahiri = 25°57'23

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2150
geocentric

MAY 2150 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 35 37	10♉38'40	0♋53	14♈57	5♈ 4	28♓ 5	12°R49	24♊51	5°R58	6°R11	20♊43	5°D56	7♋32	20♐10	12°R44	F 1
S 2	14 39 33	11°37'00	15°20	16°18	6°15	28°51	12♑48	24°57	5♐56	6♑11	20°44	5♋57	7°29	20°17	12♐41	S 2
S 3	14 43 30	12°35'17	29°30	17°41	7°27	29°37	12°48	25° 3	5°54	6°10	20°46	5°58	7°26	20°23	12°37	S 3
M 4	14 47 27	13°33'33	13♌22	19° 7	8°38	0♈23	12°47	25°10	5°52	6° 9	20°47	5°R58	7°23	20°30	12°34	M 4
T 5	14 51 23	14°31'47	26°55	20°34	9°50	1°10	12°46	25°16	5°50	6° 8	20°48	5°57	7°20	20°37	12°31	T 5
W 6	14 55 20	15°29'58	10♍12	22° 3	11° 1	1°56	12°45	25°23	5°47	6° 7	20°49	5°55	7°16	20°43	12°27	W 6
T 7	14 59 16	16°28'07	23°13	23°35	12°13	2°42	12°44	25°30	5°45	6° 7	20°50	5°50	7°13	20°50	12°23	T 7
F 8	15 3 13	17°26'15	6♎ 1	25° 8	13°25	3°28	12°42	25°36	5°43	6° 6	20°51	5°43	7°10	20°57	12°20	F 8
S 9	15 7 9	18°24'21	18°36	26°44	14°36	4°14	12°41	25°43	5°40	6° 5	20°53	5°35	7° 7	21° 3	12°16	S 9
S 10	15 11 6	19°22'24	1♏ 0	28°21	15°48	5° 0	12°39	25°50	5°38	6° 4	20°54	5°26	7° 4	21°10	12°12	S 10
M11	15 15 2	20°20'27	13°14	0♉ 0	17° 0	5°46	12°37	25°57	5°36	6° 3	20°55	5°18	7° 1	21°17	12° 8	M11
T 12	15 18 59	21°18'27	25°19	1°41	18°11	6°32	12°35	26° 4	5°33	6° 2	20°56	5°11	6°57	21°23	12° 5	T 12
W13	15 22 55	22°16'26	7♐16	3°24	19°23	7°18	12°32	26°11	5°31	6° 1	20°57	5° 6	6°54	21°30	12° 1	W13
T 14	15 26 52	23°14'24	19° 7	5°10	20°35	8° 4	12°30	26°18	5°28	6° 0	20°59	5° 3	6°51	21°37	11°57	T 14
F 15	15 30 49	24°12'20	0♑55	6°57	21°47	8°50	12°27	26°25	5°26	5°59	21° 0	5°D 1	6°48	21°43	11°53	F 15
S 16	15 34 45	25°10'14	12°42	8°46	22°59	9°36	12°24	26°32	5°24	5°57	21° 1	5° 1	6°45	21°50	11°49	S 16
S 17	15 38 42	26° 8'08	24°33	10°37	24°10	10°22	12°21	26°39	5°21	5°56	21° 3	5° 3	6°41	21°57	11°45	S 17
M18	15 42 38	27° 6'00	6♒32	12°30	25°22	11° 7	12°18	26°46	5°19	5°55	21° 4	5° 4	6°38	22° 3	11°40	M18
T 19	15 46 35	28° 3'51	18°43	14°25	26°34	11°53	12°14	26°53	5°16	5°54	21° 5	5° 6	6°35	22°10	11°36	T 19
W20	15 50 31	29° 1'40	1♓11	16°21	27°46	12°39	12°11	27° 0	5°14	5°53	21° 6	5°R 6	6°32	22°16	11°32	W20
T 21	15 54 28	29°59'29	14° 2	18°20	28°58	13°24	12° 7	27° 7	5°11	5°52	21° 8	5° 5	6°29	22°23	11°28	T 21
F 22	15 58 24	0♊57'16	27°18	20°21	0♉10	14°10	12° 3	27°15	5° 9	5°50	21° 9	5° 3	6°26	22°30	11°24	F 22
S 23	16 2 21	1°55'02	11♈ 2	22°23	1°22	14°56	11°59	27°22	5° 6	5°49	21°10	4°59	6°22	22°36	11°20	S 23
S 24	16 6 18	2°52'47	25°13	24°27	2°34	15°41	11°55	27°29	5° 4	5°48	21°12	4°55	6°19	22°43	11°15	S 24
M25	16 10 14	3°50'31	9♉50	26°33	3°46	16°27	11°50	27°37	5° 1	5°47	21°13	4°50	6°16	22°50	11°11	M25
T 26	16 14 11	4°48'14	24°46	28°40	4°58	17°12	11°46	27°44	4°59	5°45	21°14	4°46	6°13	22°56	11° 7	T 26
W27	16 18 7	5°45'56	9♊53	0♊49	6°10	17°58	11°41	27°52	4°56	5°44	21°16	4°43	6°10	23° 3	11° 2	W27
T 28	16 22 4	6°43'36	25° 1	2°58	7°22	18°43	11°36	27°59	4°54	5°43	21°17	4°42	6° 7	23°10	10°58	T 28
F 29	16 26 0	7°41'16	10♋ 2	5° 9	8°35	19°29	11°31	28° 7	4°51	5°41	21°18	4°D41	6° 3	23°16	10°54	F 29
S 30	16 29 57	8°38'53	24°48	7°20	9°47	20°14	11°26	28°14	4°49	5°40	21°20	4°42	6° 0	23°23	10°49	S 30
S 31	16 33 54	9♊36'30	9♌13	9♊32	10♉59	20♈59	11♑20	28♊22	4♐46	5♑38	21♊21	4♋44	5♋57	23♐30	10♐45	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	15n 0	22n58	0s27	3n14	2s52	0n33	1s35	1s58	1s18	22s35	0n14	22n19	1s 0	21s 9	0n 9	22s 9	1n 7	14n17	8s50	23n17	23n12	21s31	17s33	4n47
S 2	15 18	23 22	0n50	3 45	2 52	1 0	1 37	1 39	1 18	22 35	0 13	22 20	1 0	21 8	0 9	22 9	1 7	14 18	8 49	23 17	23 12	21 33	17 32	4 48
S 3	15 36	22 15	2 3	4 18	2 51	1 27	1 38	1 21	1 18	22 35	0 13	22 20	1 0	21 8	0 9	22 9	1 7	14 18	8 49	23 17	23 13	21 34	17 31	4 48
M 4	15 54	19 47	3 7	4 51	2 50	1 54	1 39	1 2	1 18	22 35	0 13	22 20	0 59	21 8	0 8	22 9	1 7	14 18	8 49	23 17	23 13	21 35	17 31	4 49
T 5	16 11	16 17	3 59	5 25	2 49	2 21	1 40	0 44	1 18	22 35	0 13	22 21	0 59	21 7	0 8	22 9	1 7	14 18	8 49	23 17	23 13	21 36	17 30	4 49
W 6	16 28	12 1	4 37	6 1	2 46	2 48	1 41	0 26	1 18	22 35	0 13	22 21	0 59	21 7	0 8	22 9	1 7	14 19	8 49	23 17	23 13	21 38	17 29	4 50
T 7	16 45	7 17	5 0	6 37	2 43	3 15	1 42	0 7	1 18	22 36	0 13	22 22	0 59	21 6	0 8	22 9	1 7	14 19	8 49	23 17	23 13	21 39	17 28	4 50
F 8	17 1	2 19	5 7	7 14	2 40	3 42	1 43	0n11	1 18	22 36	0 13	22 22	0 59	21 6	0 8	22 9	1 8	14 19	8 48	23 18	23 14	21 40	17 27	4 51
S 9	17 18	2s40	5 0	7 52	2 36	4 9	1 44	0 29	1 18	22 36	0 13	22 22	0 59	21 6	0 8	22 9	1 8	14 19	8 48	23 18	23 14	21 42	17 26	4 51
S 10	17 33	7 28	4 38	8 31	2 32	4 36	1 45	0 47	1 18	22 36	0 13	22 23	0 59	21 5	0 8	22 9	1 8	14 19	8 48	23 18	23 14	21 43	17 25	4 52
M11	17 49	11 56	4 3	9 10	2 27	5 3	1 46	1 6	1 18	22 37	0 13	22 23	0 58	21 5	0 8	22 9	1 8	14 20	8 48	23 19	23 14	21 44	17 24	4 52
T 12	18 4	15 52	3 18	9 50	2 21	5 29	1 46	1 24	1 18	22 37	0 13	22 23	0 58	21 4	0 8	22 9	1 8	14 20	8 48	23 19	23 14	21 46	17 23	4 52
W13	18 19	19 7	2 25	10 31	2 15	5 56	1 47	1 42	1 18	22 37	0 12	22 24	0 58	21 4	0 8	22 9	1 8	14 20	8 48	23 19	23 14	21 47	17 22	4 53
T 14	18 34	21 33	1 25	11 12	2 9	6 23	1 47	2 0	1 18	22 38	0 12	22 24	0 58	21 4	0 8	22 9	1 8	14 20	8 48	23 19	23 15	21 48	17 21	4 53
F 15	18 48	23 3	0 22	11 54	2 2	6 49	1 47	2 18	1 18	22 38	0 12	22 24	0 58	21 3	0 8	22 10	1 8	14 20	8 48	23 19	23 15	21 49	17 20	4 54
S 16	19 3	23 30	0s42	12 36	1 54	7 16	1 48	2 37	1 18	22 38	0 12	22 25	0 58	21 3	0 8	22 10	1 8	14 21	8 47	23 19	23 15	21 51	17 20	4 54
S 17	19 16	22 54	1 44	13 18	1 46	7 42	1 48	2 55	1 17	22 39	0 12	22 25	0 58	21 2	0 8	22 10	1 8	14 21	8 47	23 19	23 15	21 52	17 19	4 54
M18	19 30	21 16	2 43	14 1	1 38	8 8	1 48	3 13	1 17	22 39	0 12	22 25	0 57	21 2	0 8	22 10	1 8	14 21	8 47	23 19	23 15	21 53	17 18	4 55
T 19	19 43	18 37	3 36	14 43	1 29	8 34	1 48	3 31	1 17	22 40	0 12	22 26	0 57	21 1	0 8	22 10	1 8	14 21	8 47	23 19	23 15	21 54	17 17	4 55
W20	19 55	15 5	4 20	15 26	1 20	9 0	1 48	3 49	1 17	22 40	0 12	22 26	0 57	21 1	0 8	22 10	1 8	14 21	8 47	23 19	23 16	21 56	17 16	4 56
T 21	20 8	10 46	4 52	16 8	1 11	9 25	1 48	4 6	1 17	22 40	0 12	22 26	0 57	21 1	0 8	22 10	1 8	14 22	8 47	23 19	23 16	21 57	17 15	4 56
F 22	20 20	5 49	5 10	16 50	1 1	9 51	1 47	4 24	1 17	22 41	0 12	22 26	0 57	21 0	0 8	22 10	1 8	14 22	8 47	23 19	23 16	21 58	17 14	4 56
S 23	20 32	0 25	5 11	17 32	0 51	10 16	1 47	4 42	1 17	22 41	0 12	22 27	0 57	21 0	0 8	22 10	1 8	14 22	8 47	23 20	23 16	21 59	17 13	4 57
S 24	20 43	5n12	4 53	18 12	0 41	10 41	1 47	5 0	1 16	22 42	0 11	22 27	0 57	20 59	0 8	22 10	1 8	14 22	8 46	23 20	23 16	22 0	17 12	4 57
M25	20 54	10 41	4 16	18 52	0 31	11 6	1 46	5 17	1 16	22 42	0 11	22 27	0 57	20 59	0 8	22 10	1 8	14 22	8 46	23 20	23 16	22 2	17 12	4 57
T 26	21 5	15 41	3 22	19 31	0 20	11 31	1 46	5 35	1 16	22 43	0 11	22 27	0 57	20 58	0 8	22 10	1 8	14 23	8 46	23 20	23 16	22 3	17 11	4 57
W27	21 15	19 44	2 12	20 9	0 9	11 55	1 45	5 52	1 16	22 43	0 11	22 28	0 56	20 58	0 8	22 10	1 8	14 23	8 46	23 20	23 17	22 4	17 10	4 58
T 28	21 25	22 27	0 53	20 45	0n 1	12 19	1 44	6 10	1 16	22 44	0 11	22 28	0 56	20 58	0 8	22 10	1 8	14 23	8 46	23 20	23 17	22 5	17 9	4 58
F 29	21 34	23 32	0n29	21 20	0 12	12 43	1 43	6 27	1 15	22 44	0 11	22 28	0 56	20 57	0 8	22 10	1 8	14 23	8 46	23 20	23 17	22 7	17 8	4 58
S 30	21 44	22 56	1 48	21 53	0 22	13 7	1 43	6 44	1 15	22 45	0 11	22 28	0 56	20 57	0 8	22 10	1 8	14 23	8 46	23 20	23 17	22 8	17 7	4 58
S 31	21n52	20n48	2n59	22n24	0n32	13n30	1s42	7n 1	1s15	22s46	0n11	22n29	0s56	20s56	0n 8	22s10	1n 8	14n23	8s46	23n20	23n17	22s 9	17s 7	4n59

Julian Day Number = 2506451.5, Delta T = 121.89 sec
Ecliptic obliquity = 23°25'10, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°50'27, Lahiri = 25°57'28

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2150
geocentric

JUNE 2150 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 37 50	10♊34'05	23♌15	11♊44	12♉11	21♈44	11°R15	28♊29	4°R44	5°R37	21♊23	4♋45	5♋54	23♐36	10°R41	M 1
T 2	16 41 47	11°31'38	6♍53	13°56	13°23	22°29	11♉ 9	28°37	4♐41	5♉36	21°24	4°R46	5°51	23°43	10♐36	T 2
W 3	16 45 43	12°29'10	20° 8	16° 8	14°36	23°15	11° 3	28°44	4°39	5°34	21°25	4°46	5°47	23°50	10°32	W 3
T 4	16 49 40	13°26'41	3♎ 3	18°19	15°48	24° 0	10°58	28°52	4°36	5°33	21°27	4°44	5°44	23°56	10°28	T 4
F 5	16 53 36	14°24'10	15°41	20°29	17° 0	24°45	10°52	29° 0	4°34	5°31	21°28	4°42	5°41	24° 3	10°23	F 5
S 6	16 57 33	15°21'38	28° 4	22°38	18°12	25°30	10°45	29° 7	4°31	5°30	21°29	4°40	5°38	24° 9	10°19	S 6
S 7	17 1 29	16°19'05	10♏16	24°45	19°25	26°14	10°39	29°15	4°29	5°28	21°31	4°37	5°35	24°16	10°15	S 7
M 8	17 5 26	17°16'31	22°18	26°51	20°37	26°59	10°33	29°23	4°27	5°27	21°32	4°34	5°32	24°23	10°11	M 8
T 9	17 9 23	18°13'56	4♐13	28°56	21°49	27°44	10°26	29°30	4°24	5°25	21°34	4°32	5°28	24°29	10° 6	T 9
W10	17 13 19	19°11'20	16° 3	0♋58	23° 2	28°29	10°20	29°38	4°22	5°24	21°35	4°30	5°25	24°36	10° 2	W10
T 11	17 17 16	20° 8'43	27°52	2°59	24°14	29°14	10°13	29°46	4°19	5°22	21°36	4°30	5°22	24°43	9°58	T 11
F 12	17 21 12	21° 6'05	9♑40	4°57	25°26	29°58	10° 6	29°54	4°17	5°21	21°38	4°D30	5°19	24°49	9°54	F 12
S 13	17 25 9	22° 3'27	21°30	6°53	26°39	0♉43	9°59	0♋ 1	4°15	5°19	21°39	4°30	5°16	24°56	9°50	S 13
S 14	17 29 5	23° 0'47	3♒25	8°47	27°51	1°27	9°52	0° 9	4°12	5°17	21°41	4°31	5°13	25° 3	9°45	S 14
M15	17 33 2	23°58'08	15°28	10°38	29° 4	2°12	9°45	0°17	4°10	5°16	21°42	4°32	5° 9	25° 9	9°41	M15
T 16	17 36 58	24°55'27	27°43	12°27	0♊16	2°56	9°38	0°25	4° 8	5°14	21°43	4°33	5° 6	25°16	9°37	T 16
W17	17 40 55	25°52'47	10♓13	14°14	1°29	3°41	9°31	0°33	4° 6	5°13	21°45	4°34	5° 3	25°23	9°33	W17
T 18	17 44 52	26°50'06	23° 2	15°58	2°41	4°25	9°24	0°40	4° 3	5°11	21°46	4°R34	5° 0	25°29	9°29	T 18
F 19	17 48 48	27°47'24	6♈14	17°40	3°54	5° 9	9°16	0°48	4° 1	5° 9	21°48	4°34	4°57	25°36	9°25	F 19
S 20	17 52 45	28°44'42	19°50	19°19	5° 6	5°53	9° 9	0°56	3°59	5° 8	21°49	4°34	4°53	25°43	9°21	S 20
S 21	17 56 41	29°42'00	3♉53	20°56	6°19	6°37	9° 2	1° 4	3°57	5° 6	21°50	4°33	4°50	25°49	9°17	S 21
M22	18 0 38	0♋39'18	18°20	22°30	7°32	7°21	8°54	1°12	3°55	5° 5	21°52	4°33	4°47	25°56	9°14	M22
T 23	18 4 34	1°36'36	3♊ 9	24° 2	8°44	8° 5	8°46	1°19	3°52	5° 3	21°53	4°32	4°44	26° 2	9°10	T 23
W24	18 8 31	2°33'53	18°12	25°31	9°57	8°49	8°39	1°27	3°50	5° 1	21°55	4°32	4°41	26° 9	9° 6	W24
T 25	18 12 27	3°31'10	3♋23	26°58	11°10	9°33	8°31	1°35	3°48	5° 0	21°56	4°D32	4°38	26°16	9° 2	T 25
F 26	18 16 24	4°28'26	18°31	28°22	12°22	10°17	8°24	1°43	3°46	4°58	21°57	4°R32	4°34	26°22	8°59	F 26
S 27	18 20 21	5°25'42	3♌27	29°43	13°35	11° 1	8°16	1°51	3°44	4°57	21°59	4°32	4°31	26°29	8°55	S 27
S 28	18 24 17	6°22'58	18° 4	1♌ 2	14°48	11°44	8° 8	1°59	3°42	4°55	22° 0	4°32	4°28	26°36	8°52	S 28
M29	18 28 14	7°20'13	2♍18	2°18	16° 1	12°28	8° 1	2° 6	3°40	4°53	22° 1	4°32	4°25	26°42	8°48	M29
T 30	18 32 10	8♋17'27	16♍ 5	3♌31	17♊13	13♉12	7♑53	2♋14	3♐38	4♑52	22♊ 3	4♋31	4♋22	26♐49	8♐45	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n 1	17n29	3n56	22n52	0n42	13n53	1s41	7n19	1s15	22s46	0n11	22n29	0s56	20s56	0n 8	22s10	1n 8	14n24	8s46	23n20	23n17	22s10	17s 6	4n59
T 2	22 9	13 17	4 39	23 19	0 52	14 16	1 40	7 36	1 14	22 47	0 10	22 29	0 56	20 55	0 8	22 10	1 8	14 24	8 46	23 20	23 17	22 11	17 5	4 59
W 3	22 16	8 35	5 5	23 43	1 1	14 38	1 39	7 52	1 14	22 47	0 10	22 29	0 56	20 55	0 8	22 10	1 8	14 24	8 46	23 20	23 18	22 12	17 4	4 59
T 4	22 24	3 36	5 15	24 4	1 10	15 0	1 37	8 9	1 14	22 48	0 10	22 29	0 56	20 54	0 8	22 10	1 8	14 24	8 46	23 20	23 18	22 14	17 3	5 0
F 5	22 31	1s24	5 9	24 22	1 18	15 22	1 36	8 26	1 14	22 49	0 10	22 30	0 55	20 54	0 8	22 10	1 8	14 24	8 45	23 20	23 18	22 15	17 3	5 0
S 6	22 37	6 16	4 49	24 38	1 25	15 43	1 35	8 43	1 13	22 49	0 10	22 30	0 55	20 54	0 8	22 10	1 8	14 24	8 45	23 20	23 18	22 16	17 2	5 0
S 7	22 43	10 49	4 17	24 51	1 32	16 4	1 33	8 59	1 13	22 50	0 10	22 30	0 55	20 53	0 8	22 11	1 8	14 25	8 45	23 20	23 18	22 17	17 1	5 0
M 8	22 49	14 54	3 33	25 2	1 39	16 25	1 32	9 16	1 13	22 50	0 10	22 30	0 55	20 53	0 8	22 11	1 8	14 25	8 45	23 20	23 18	22 18	17 0	5 0
T 9	22 54	18 21	2 40	25 9	1 44	16 45	1 31	9 32	1 12	22 51	0 10	22 30	0 55	20 52	0 8	22 11	1 8	14 25	8 45	23 21	23 18	22 19	17 0	5 0
W10	22 59	21 2	1 40	25 14	1 49	17 5	1 29	9 48	1 12	22 52	0 9	22 30	0 55	20 52	0 8	22 11	1 8	14 25	8 45	23 21	23 19	22 21	16 59	5 0
T 11	23 3	22 47	0 37	25 16	1 53	17 24	1 27	10 4	1 12	22 52	0 9	22 30	0 55	20 51	0 8	22 11	1 8	14 25	8 45	23 21	23 19	22 22	16 58	5 1
F 12	23 7	23 33	0s29	25 16	1 56	17 43	1 26	10 20	1 11	22 53	0 9	22 30	0 55	20 51	0 8	22 11	1 8	14 25	8 45	23 21	23 19	22 23	16 57	5 1
S 13	23 11	23 14	1 33	25 13	1 59	18 2	1 24	10 36	1 11	22 54	0 9	22 31	0 55	20 51	0 8	22 11	1 8	14 25	8 45	23 21	23 19	22 24	16 57	5 1
S 14	23 14	21 52	2 34	25 8	2 1	18 20	1 22	10 52	1 11	22 54	0 9	22 31	0 55	20 50	0 8	22 11	1 8	14 25	8 45	23 21	23 19	22 25	16 56	5 1
M15	23 17	19 30	3 28	25 1	2 2	18 37	1 21	11 8	1 10	22 55	0 9	22 31	0 54	20 50	0 8	22 11	1 8	14 26	8 45	23 21	23 19	22 26	16 55	5 1
T 16	23 19	16 14	4 14	24 52	2 2	18 54	1 19	11 23	1 10	22 55	0 9	22 31	0 54	20 49	0 8	22 11	1 8	14 26	8 45	23 20	23 19	22 27	16 55	5 1
W17	23 21	12 12	4 50	24 40	2 2	19 11	1 17	11 39	1 9	22 56	0 9	22 31	0 54	20 49	0 8	22 11	1 8	14 26	8 45	23 20	23 19	22 28	16 54	5 1
T 18	23 23	7 31	5 11	24 27	2 0	19 27	1 15	11 54	1 9	22 57	0 8	22 31	0 54	20 49	0 8	22 11	1 8	14 26	8 45	23 20	23 20	22 29	16 53	5 1
F 19	23 24	2 23	5 17	24 13	1 58	19 43	1 13	12 9	1 9	22 57	0 8	22 31	0 54	20 48	0 8	22 11	1 8	14 26	8 45	23 20	23 20	22 31	16 53	5 1
S 20	23 25	3n 1	5 6	23 56	1 56	19 58	1 11	12 24	1 8	22 58	0 8	22 31	0 54	20 48	0 8	22 11	1 8	14 26	8 45	23 20	23 20	22 32	16 52	5 1
S 21	23 25	8 27	4 37	23 39	1 52	20 13	1 9	12 39	1 8	22 59	0 8	22 31	0 54	20 47	0 8	22 11	1 8	14 26	8 45	23 20	23 20	22 33	16 52	5 1
M22	23 25	13 35	3 50	23 20	1 48	20 27	1 7	12 54	1 7	22 59	0 8	22 31	0 54	20 47	0 8	22 11	1 8	14 26	8 45	23 20	23 20	22 34	16 51	5 1
T 23	23 25	18 3	2 46	22 59	1 44	20 41	1 4	13 8	1 7	23 0	0 8	22 31	0 54	20 47	0 8	22 12	1 8	14 26	8 45	23 20	23 20	22 35	16 50	5 1
W24	23 24	21 25	1 30	22 38	1 38	20 54	1 2	13 23	1 6	23 1	0 8	22 31	0 54	20 46	0 8	22 12	1 8	14 27	8 45	23 20	23 20	22 36	16 50	5 1
T 25	23 22	23 16	0 6	22 16	1 32	21 6	1 0	13 37	1 6	23 1	0 8	22 31	0 54	20 46	0 8	22 12	1 8	14 27	8 45	23 20	23 20	22 37	16 49	5 1
F 26	23 21	23 25	1n17	21 52	1 26	21 18	0 58	13 51	1 6	23 2	0 7	22 31	0 54	20 45	0 8	22 12	1 8	14 27	8 45	23 20	23 20	22 38	16 49	5 1
S 27	23 18	21 52	2 34	21 28	1 19	21 30	0 56	14 5	1 5	23 2	0 7	22 31	0 53	20 45	0 8	22 12	1 8	14 27	8 45	23 20	23 21	22 39	16 48	5 1
S 28	23 16	18 53	3 39	21 4	1 11	21 40	0 53	14 19	1 5	23 3	0 7	22 31	0 53	20 45	0 8	22 12	1 8	14 27	8 45	23 21	23 21	22 40	16 48	5 1
M29	23 13	14 50	4 29	20 39	1 2	21 50	0 51	14 33	1 4	23 4	0 7	22 31	0 53	20 44	0 8	22 12	1 8	14 27	8 45	23 21	23 21	22 41	16 47	5 1
T 30	23n10	10n 7	5n 1	20n13	0n54	22n 0	0s49	14n47	1s 4	23s 4	0n 7	22n31	0s53	20s44	0n 8	22s12	1n 8	14n27	8s45	23n21	23n21	22s42	16s47	5n 1

Julian Day Number = 2506482.5, Delta T = 121.95 sec
Ecliptic obliquity = 23°25'10, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°50'31, Lahiri = 25°57'32

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2150
geocentric

JULY 2150 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 36 7	9♋14'41	29♍26	4♌41	18♊26	13♉55	7°R45	2♋22	3°R37	4°R50	22♊ 4	4°R31	4♋19	26♐56	8°R41	W 1
T 2	18 40 3	10°11'54	12♎22	5°49	19°39	14°38	7♑38	2°30	3♐35	4♑48	22° 5	4°D31	4°15	27° 2	8♐38	T 2
F 3	18 44 0	11° 9'07	24°57	6°53	20°52	15°22	7°30	2°37	3°33	4°47	22° 7	4♋31	4°12	27° 9	8°35	F 3
S 4	18 47 56	12° 6'20	7♏15	7°55	22° 5	16° 5	7°22	2°45	3°31	4°45	22° 8	4°32	4° 9	27°16	8°32	S 4
S 5	18 51 53	13° 3'32	19°20	8°53	23°18	16°48	7°15	2°53	3°29	4°44	22° 9	4°33	4° 6	27°22	8°29	S 5
M 6	18 55 50	14° 0'44	1♐15	9°48	24°30	17°31	7° 7	3° 1	3°28	4°42	22°11	4°34	4° 3	27°29	8°26	M 6
T 7	18 59 46	14°57'55	13° 5	10°40	25°43	18°14	6°59	3° 8	3°26	4°40	22°12	4°34	3°59	27°36	8°23	T 7
W 8	19 3 43	15°55'07	24°52	11°28	26°56	18°57	6°52	3°16	3°24	4°39	22°13	4°35	3°56	27°42	8°20	W 8
T 9	19 7 39	16°52'18	6♑41	12°13	28° 9	19°40	6°44	3°24	3°23	4°37	22°15	4°R35	3°53	27°49	8°17	T 9
F 10	19 11 36	17°49'30	18°32	12°54	29°22	20°22	6°37	3°31	3°21	4°36	22°16	4°35	3°50	27°55	8°14	F 10
S 11	19 15 32	18°46'41	0♒29	13°31	0♋35	21° 5	6°30	3°39	3°20	4°34	22°17	4°34	3°47	28° 2	8°12	S 11
S 12	19 19 29	19°43'53	12°33	14° 4	1°48	21°48	6°22	3°47	3°18	4°33	22°18	4°32	3°44	28° 9	8° 9	S 12
M13	19 23 25	20°41'05	24°47	14°33	3° 2	22°30	6°15	3°54	3°17	4°31	22°20	4°30	3°40	28°15	8° 7	M13
T 14	19 27 22	21°38'17	7♓12	14°58	4°15	23°13	6° 8	4° 2	3°15	4°30	22°21	4°27	3°37	28°22	8° 4	T 14
W15	19 31 19	22°35'29	19°50	15°18	5°28	23°55	6° 1	4°10	3°14	4°28	22°22	4°25	3°34	28°29	8° 2	W15
T 16	19 35 15	23°32'42	2♈45	15°34	6°41	24°37	5°54	4°17	3°13	4°27	22°23	4°23	3°31	28°35	8° 0	T 16
F 17	19 39 12	24°29'56	15°57	15°45	7°54	25°19	5°47	4°25	3°12	4°25	22°25	4°22	3°28	28°42	7°58	F 17
S 18	19 43 8	25°27'10	29°28	15°52	9° 7	26° 2	5°40	4°32	3°10	4°24	22°26	4°D22	3°24	28°49	7°55	S 18
S 19	19 47 5	26°24'24	13♉20	15°R53	10°21	26°44	5°33	4°40	3° 9	4°22	22°27	4°23	3°21	28°55	7°54	S 19
M20	19 51 1	27°21'40	27°34	15°50	11°34	27°26	5°26	4°47	3° 8	4°21	22°28	4°24	3°18	29° 2	7°52	M20
T 21	19 54 58	28°18'56	12♊ 6	15°42	12°47	28° 7	5°20	4°54	3° 7	4°19	22°29	4°25	3°15	29° 9	7°50	T 21
W22	19 58 54	29°16'13	26°54	15°30	14° 1	28°49	5°13	5° 2	3° 6	4°18	22°31	4°R26	3°12	29°15	7°48	W22
T 23	20 2 51	0♌13'30	11♋51	15°12	15°14	29°31	5° 7	5° 9	3° 5	4°16	22°32	4°26	3° 9	29°22	7°46	T 23
F 24	20 6 48	1°10'49	26°51	14°50	16°27	0♊12	5° 1	5°17	3° 4	4°15	22°33	4°25	3° 5	29°29	7°45	F 24
S 25	20 10 44	2° 8'07	11♌45	14°24	17°41	0°54	4°55	5°24	3° 3	4°13	22°34	4°22	3° 2	29°35	7°43	S 25
S 26	20 14 41	3° 5'26	26°24	13°53	18°54	1°35	4°49	5°31	3° 2	4°12	22°35	4°19	2°59	29°42	7°42	S 26
M27	20 18 37	4° 2'46	10♍42	13°19	20° 8	2°17	4°43	5°38	3° 1	4°11	22°36	4°14	2°56	29°48	7°41	M27
T 28	20 22 34	5° 0'05	24°35	12°42	21°21	2°58	4°37	5°46	3° 1	4° 9	22°37	4°10	2°53	29°55	7°40	T 28
W29	20 26 30	5°57'26	8♎ 1	12° 2	22°35	3°39	4°31	5°53	3° 0	4° 8	22°38	4° 6	2°50	0♑ 2	7°39	W29
T 30	20 30 27	6°54'46	21° 2	11°19	23°48	4°20	4°26	6° 0	2°59	4° 7	22°39	4° 4	2°46	0° 8	7°38	T 30
F 31	20 34 23	7♌52'07	3♏38	10♌36	25♋ 2	5♊ 1	4♑21	6♋ 7	2♐59	4♑ 6	22♊41	4°D 3	2♋43	0♑15	7♐37	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	23n 6	5n 4	5n16	19n47	0n44	22n 9	0s46	15n 0	1s 3	23s 5	0n 7	22n31	0s53	20s44	0n 8	22s12	1n 8	14n27	8s45	23n21	23n21	22s43	16s47	5n	1
T 2	23 2	0s 3	5 15	19 21	0 34	22 17	0 44	15 13	1 2	23 5	0 7	22 31	0 53	20 43	0 8	22 12	1 8	14 27	8 45	23 21	23 21	22 44	16 46	5	1
F 3	22 57	5 2	4 58	18 55	0 24	22 25	0 41	15 26	1 2	23 6	0 6	22 31	0 53	20 43	0 8	22 12	1 8	14 27	8 45	23 21	23 21	22 45	16 46	5	1
S 4	22 52	9 42	4 28	18 29	0 12	22 32	0 39	15 39	1 1	23 7	0 6	22 31	0 53	20 43	0 8	22 12	1 8	14 27	8 45	23 21	23 21	22 46	16 45	5	1
S 5	22 47	13 55	3 46	18 2	0 1	22 39	0 36	15 52	1 1	23 7	0 6	22 30	0 53	20 42	0 8	22 12	1 8	14 27	8 45	23 20	23 21	22 47	16 45	5	1
M 6	22 41	17 32	2 55	17 36	0s11	22 44	0 34	16 5	1 0	23 8	0 6	22 30	0 53	20 42	0 8	22 12	1 8	14 27	8 45	23 20	23 21	22 48	16 45	5	1
T 7	22 35	20 25	1 57	17 10	0 23	22 50	0 31	16 17	1 0	23 8	0 6	22 30	0 53	20 42	0 8	22 13	1 8	14 27	8 45	23 20	23 22	22 49	16 44	5	0
W 8	22 28	22 26	0 54	16 45	0 36	22 54	0 29	16 30	0 59	23 9	0 6	22 30	0 53	20 42	0 8	22 13	1 8	14 27	8 45	23 20	23 22	22 50	16 44	5	0
T 9	22 21	23 27	0s12	16 20	0 49	22 58	0 26	16 42	0 58	23 9	0 6	22 30	0 53	20 41	0 8	22 13	1 8	14 27	8 45	23 20	23 22	22 51	16 44	5	0
F 10	22 14	23 24	1 17	15 56	1 3	23 1	0 24	16 54	0 58	23 10	0 5	22 30	0 53	20 41	0 8	22 13	1 8	14 27	8 45	23 20	23 22	22 52	16 43	5	0
S 11	22 6	22 17	2 19	15 32	1 16	23 4	0 21	17 6	0 57	23 10	0 5	22 30	0 53	20 41	0 8	22 13	1 8	14 28	8 45	23 20	23 22	22 53	16 43	5	0
S 12	21 58	20 9	3 15	15 9	1 31	23 6	0 19	17 17	0 57	23 11	0 5	22 29	0 52	20 40	0 8	22 13	1 8	14 28	8 45	23 21	23 22	22 54	16 43	5	0
M13	21 50	17 4	4 3	14 47	1 45	23 7	0 16	17 29	0 56	23 11	0 5	22 29	0 52	20 40	0 8	22 13	1 8	14 28	8 45	23 21	23 22	22 55	16 43	5	0
T 14	21 41	13 12	4 41	14 26	1 59	23 7	0 14	17 40	0 55	23 12	0 5	22 29	0 52	20 40	0 8	22 13	1 8	14 28	8 45	23 21	23 22	22 56	16 42	4	59
W15	21 32	8 42	5 6	14 6	2 14	23 7	0 11	17 51	0 55	23 12	0 5	22 29	0 52	20 40	0 8	22 13	1 8	14 28	8 45	23 21	23 22	22 57	16 42	4	59
T 16	21 22	3 44	5 15	13 48	2 28	23 6	0 9	18 2	0 54	23 13	0 5	22 29	0 52	20 39	0 8	22 13	1 8	14 28	8 45	23 21	23 22	22 58	16 42	4	59
F 17	21 12	1n30	5 9	13 31	2 43	23 5	0 6	18 13	0 53	23 13	0 4	22 29	0 52	20 39	0 8	22 13	1 8	14 28	8 45	23 21	23 22	22 59	16 42	4	59
S 18	21 2	6 49	4 46	13 15	2 57	23 3	0 4	18 23	0 53	23 14	0 4	22 28	0 52	20 39	0 8	22 13	1 8	14 28	8 45	23 21	23 23	23 0	16 42	4	59
S 19	20 51	11 55	4 6	13 1	3 11	23 0	0 1	18 34	0 52	23 14	0 4	22 28	0 52	20 39	0 8	22 13	1 7	14 28	8 45	23 21	23 23	23 1	16 42	4	58
M20	20 40	16 31	3 9	12 49	3 25	22 56	0n 1	18 44	0 51	23 14	0 4	22 28	0 52	20 39	0 8	22 13	1 7	14 28	8 46	23 21	23 23	23 2	16 42	4	58
T 21	20 29	20 14	2 0	12 38	3 38	22 52	0 4	18 54	0 51	23 15	0 4	22 28	0 52	20 38	0 8	22 14	1 7	14 28	8 46	23 21	23 23	23 3	16 42	4	58
W22	20 17	22 42	0 41	12 30	3 51	22 47	0 6	19 4	0 50	23 15	0 4	22 28	0 52	20 38	0 8	22 14	1 7	14 28	8 46	23 21	23 23	23 4	16 41	4	58
T 23	20 5	23 34	0n41	12 23	4 3	22 42	0 9	19 14	0 49	23 16	0 4	22 27	0 52	20 38	0 8	22 14	1 7	14 28	8 46	23 21	23 23	23 5	16 41	4	58
F 24	19 53	22 44	2 0	12 19	4 15	22 36	0 11	19 23	0 48	23 16	0 3	22 27	0 52	20 38	0 8	22 14	1 7	14 28	8 46	23 21	23 23	23 6	16 41	4	57
S 25	19 40	20 18	3 11	12 16	4 25	22 29	0 14	19 33	0 48	23 16	0 3	22 27	0 52	20 38	0 7	22 14	1 7	14 28	8 46	23 21	23 23	23 6	16 41	4	57
S 26	19 27	16 35	4 8	12 16	4 34	22 21	0 16	19 42	0 47	23 17	0 3	22 27	0 52	20 38	0 7	22 14	1 7	14 28	8 46	23 21	23 23	23 7	16 41	4	57
M27	19 14	11 58	4 47	12 18	4 42	22 13	0 19	19 51	0 46	23 17	0 3	22 26	0 52	20 37	0 7	22 14	1 7	14 28	8 46	23 21	23 23	23 8	16 41	4	57
T 28	19 0	6 52	5 9	12 22	4 49	22 4	0 21	19 59	0 45	23 17	0 3	22 26	0 52	20 37	0 7	22 14	1 7	14 28	8 46	23 21	23 23	23 9	16 42	4	56
W29	18 46	1 36	5 12	12 28	4 54	21 55	0 23	20 8	0 45	23 18	0 3	22 26	0 52	20 37	0 7	22 14	1 7	14 27	8 46	23 21	23 23	23 10	16 42	4	56
T 30	18 32	3s34	5 0	12 36	4 57	21 45	0 26	20 16	0 44	23 18	0 3	22 25	0 52	20 37	0 7	22 14	1 7	14 27	8 46	23 21	23 23	23 11	16 42	4	56
F 31	18n17	8s27	4n32	12n46	4s59	21n34	0n28	20n25	0s43	23s18	0n 2	22n25	0s52	20s37	0n 7	22s14	1n 7	14n27	8s46	23n21	23n23	23s12	16s42	4n	56

Julian Day Number = 2506512.5, Delta T = 122.00 sec
Ecliptic obliquity = 23°25'10, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°50'36, Lahiri = 25°57'36

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2150
geocentric

AUGUST 2150 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 38 20	8♌49'29	15♏56	9°R52	26♋15	5♊41	4°R15	6♋14	2°R58	4°R 4	22♊42	4♋ 3	2♋40	0♉22	7°R36	S 1
S 2	20 42 17	9°46'51	27°58	9♌ 8	27°29	6°22	4♉10	6°21	2♐58	4♉ 3	22°43	4° 4	2°37	0°28	7♐35	S 2
M 3	20 46 13	10°44'14	9♐52	8°25	28°43	7° 3	4° 6	6°28	2°57	4° 2	22°44	4° 6	2°34	0°35	7°35	M 3
T 4	20 50 10	11°41'37	21°40	7°44	29°56	7°43	4° 1	6°35	2°57	4° 1	22°45	4° 7	2°30	0°42	7°34	T 4
W 5	20 54 6	12°39'01	3♉27	7° 5	1♌10	8°24	3°56	6°42	2°56	3°59	22°46	4°R 8	2°27	0°48	7°34	W 5
T 6	20 58 3	13°36'26	15°18	6°30	2°24	9° 4	3°52	6°48	2°56	3°58	22°46	4° 7	2°24	0°55	7°33	T 6
F 7	21 1 59	14°33'51	27°16	5°58	3°37	9°44	3°48	6°55	2°56	3°57	22°47	4° 5	2°21	1° 2	7°33	F 7
S 8	21 5 56	15°31'18	9♒23	5°31	4°51	10°24	3°44	7° 2	2°56	3°56	22°48	4° 1	2°18	1° 8	7°33	S 8
S 9	21 9 53	16°28'45	21°40	5°10	6° 5	11° 4	3°40	7° 9	2°56	3°55	22°49	3°55	2°15	1°15	7°D33	S 9
M10	21 13 49	17°26'13	4♓ 9	4°54	7°19	11°44	3°36	7°15	2°55	3°54	22°50	3°47	2°11	1°21	7°33	M10
T 11	21 17 46	18°23'42	16°51	4°44	8°32	12°24	3°32	7°22	2°D55	3°53	22°51	3°40	2° 8	1°28	7°33	T 11
W12	21 21 42	19°21'13	29°46	4°D41	9°46	13° 3	3°29	7°28	2°55	3°52	22°52	3°32	2° 5	1°35	7°34	W12
T 13	21 25 39	20°18'44	12♈54	4°45	11° 0	13°43	3°26	7°35	2°55	3°51	22°53	3°26	2° 2	1°41	7°34	T 13
F 14	21 29 35	21°16'17	26°15	4°55	12°14	14°22	3°23	7°41	2°56	3°50	22°54	3°21	1°59	1°48	7°34	F 14
S 15	21 33 32	22°13'52	9♉49	5°12	13°28	15° 1	3°20	7°48	2°56	3°49	22°54	3°19	1°56	1°55	7°35	S 15
S 16	21 37 28	23°11'28	23°38	5°37	14°42	15°41	3°17	7°54	2°56	3°48	22°55	3°D18	1°52	2° 1	7°36	S 16
M17	21 41 25	24° 9'05	7♊40	6° 9	15°56	16°20	3°15	8° 0	2°56	3°47	22°56	3°18	1°49	2° 8	7°36	M17
T 18	21 45 21	25° 6'44	21°56	6°47	17°10	16°58	3°12	8° 6	2°57	3°46	22°57	3°19	1°46	2°15	7°37	T 18
W19	21 49 18	26° 4'25	6♋23	7°33	18°24	17°37	3°10	8°12	2°57	3°45	22°57	3°R20	1°43	2°21	7°38	W19
T 20	21 53 15	27° 2'07	20°59	8°25	19°38	18°16	3° 8	8°18	2°57	3°44	22°58	3°19	1°40	2°28	7°39	T 20
F 21	21 57 11	27°59'51	5♌39	9°24	20°52	18°55	3° 6	8°24	2°58	3°44	22°59	3°15	1°36	2°35	7°40	F 21
S 22	22 1 8	28°57'36	20°15	10°30	22° 6	19°33	3° 5	8°30	2°58	3°43	22°59	3° 9	1°33	2°41	7°42	S 22
S 23	22 5 4	29°55'22	4♍43	11°41	23°21	20°11	3° 3	8°36	2°59	3°42	23° 0	3° 1	1°30	2°48	7°43	S 23
M24	22 9 1	0♍53'10	18°54	12°59	24°35	20°49	3° 2	8°42	2°59	3°42	23° 1	2°52	1°27	2°55	7°45	M24
T 25	22 12 57	1°50'59	2♎44	14°22	25°49	21°27	3° 1	8°48	3° 0	3°41	23° 1	2°43	1°24	3° 1	7°46	T 25
W26	22 16 54	2°48'49	16°10	15°50	27° 3	22° 5	3° 0	8°54	3° 1	3°40	23° 2	2°34	1°21	3° 8	7°48	W26
T 27	22 20 50	3°46'40	29°11	17°23	28°17	22°43	2°59	8°59	3° 2	3°40	23° 3	2°27	1°17	3°14	7°49	T 27
F 28	22 24 47	4°44'33	11♏49	19° 0	29°32	23°21	2°59	9° 5	3° 2	3°39	23° 3	2°22	1°14	3°21	7°51	F 28
S 29	22 28 44	5°42'27	24° 7	20°41	0♍46	23°58	2°59	9°10	3° 3	3°38	23° 4	2°20	1°11	3°28	7°53	S 29
S 30	22 32 40	6°40'22	6♐10	22°26	2° 0	24°35	2°D59	9°16	3° 4	3°38	23° 4	2°D19	1° 8	3°34	7°55	S 30
M31	22 36 37	7♍38'19	18♐ 3	24♌13	3♍14	25♊12	2♉59	9♋21	3♐ 5	3♉37	23♊ 5	2♋20	1♋ 5	3♉41	7♐57	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18n 2	12s52	3n53	12n58	4s59	21n23	0n30	20n33	0s42	23s19	0n 2	22n25	0s52	20s37	0n 7	22s14	1n 7	14n27	8s46	23n21	23n24	23s13	16s42	4n55
S 2	17 47	16 41	3 5	13 11	4 57	21 11	0 33	20 40	0 42	23 19	0 2	22 25	0 51	20 37	0 7	22 14	1 7	14 27	8 47	23 21	23 24	23 14	16 42	4 55
M 3	17 32	19 47	2 9	13 25	4 53	20 58	0 35	20 48	0 41	23 19	0 2	22 24	0 51	20 37	0 7	22 14	1 7	14 27	8 47	23 21	23 24	23 14	16 42	4 55
T 4	17 16	22 2	1 8	13 41	4 48	20 45	0 37	20 55	0 40	23 20	0 2	22 24	0 51	20 37	0 7	22 15	1 7	14 27	8 47	23 21	23 24	23 15	16 42	4 55
W 5	17 0	23 19	0 4	13 58	4 41	20 31	0 39	21 3	0 39	23 20	0 2	22 24	0 51	20 37	0 7	22 15	1 7	14 27	8 47	23 21	23 24	23 16	16 43	4 54
T 6	16 44	23 33	1s 0	14 15	4 32	20 17	0 41	21 10	0 38	23 20	0 2	22 23	0 51	20 37	0 7	22 15	1 7	14 27	8 47	23 21	23 24	23 17	16 43	4 54
F 7	16 27	22 41	2 2	14 32	4 22	20 2	0 43	21 17	0 37	23 20	0 1	22 23	0 51	20 37	0 7	22 15	1 7	14 27	8 47	23 21	23 24	23 18	16 43	4 54
S 8	16 10	20 47	3 0	14 50	4 10	19 46	0 46	21 23	0 36	23 21	0 1	22 23	0 51	20 36	0 7	22 15	1 7	14 27	8 47	23 22	23 24	23 19	16 43	4 54
S 9	15 53	17 53	3 49	15 7	3 57	19 30	0 48	21 30	0 36	23 21	0 1	22 22	0 51	20 36	0 7	22 15	1 7	14 27	8 47	23 22	23 24	23 19	16 44	4 53
M10	15 36	14 8	4 28	15 25	3 43	19 14	0 49	21 36	0 35	23 21	0 1	22 22	0 51	20 36	0 7	22 15	1 7	14 27	8 47	23 22	23 24	23 20	16 44	4 53
T 11	15 18	9 43	4 55	15 41	3 28	18 56	0 51	21 42	0 34	23 21	0 1	22 22	0 51	20 36	0 7	22 15	1 7	14 27	8 48	23 22	23 24	23 21	16 44	4 53
W12	15 0	4 48	5 8	15 57	3 13	18 39	0 53	21 48	0 33	23 22	0 1	22 21	0 51	20 37	0 7	22 15	1 7	14 27	8 48	23 22	23 24	23 22	16 45	4 52
T 13	14 42	0n25	5 4	16 12	2 57	18 20	0 55	21 54	0 32	23 22	0 1	22 21	0 51	20 37	0 7	22 15	1 7	14 27	8 48	23 23	23 24	23 23	16 45	4 52
F 14	14 24	5 42	4 44	16 26	2 40	18 2	0 57	21 59	0 31	23 22	0 1	22 21	0 51	20 37	0 7	22 15	1 7	14 27	8 48	23 23	23 24	23 23	16 45	4 52
S 15	14 5	10 49	4 8	16 38	2 23	17 42	0 59	22 5	0 30	23 22	0 0	22 20	0 51	20 37	0 7	22 15	1 7	14 27	8 48	23 23	23 24	23 24	16 46	4 52
S 16	13 47	15 29	3 17	16 49	2 6	17 22	1 0	22 10	0 29	23 22	0 0	22 20	0 51	20 37	0 7	22 15	1 7	14 26	8 48	23 23	23 24	23 25	16 46	4 51
M17	13 28	19 22	2 14	16 58	1 49	17 2	1 2	22 15	0 28	23 23	0 0	22 20	0 51	20 37	0 7	22 15	1 7	14 26	8 48	23 23	23 24	23 26	16 46	4 51
T 18	13 8	22 9	1 1	17 5	1 32	16 41	1 4	22 20	0 27	23 23	0 0	22 19	0 51	20 37	0 7	22 15	1 7	14 26	8 48	23 23	23 24	23 27	16 47	4 51
W19	12 49	23 32	0n16	17 10	1 15	16 20	1 5	22 24	0 26	23 23	0s 0	22 19	0 51	20 37	0 7	22 15	1 7	14 26	8 48	23 23	23 25	23 27	16 47	4 50
T 20	12 29	23 19	1 33	17 12	0 59	15 58	1 7	22 29	0 25	23 23	0 0	22 19	0 51	20 37	0 7	22 16	1 6	14 26	8 49	23 23	23 25	23 28	16 48	4 50
F 21	12 10	21 30	2 44	17 12	0 43	15 36	1 8	22 33	0 24	23 23	0 0	22 18	0 51	20 37	0 7	22 16	1 6	14 26	8 49	23 23	23 25	23 29	16 48	4 50
S 22	11 50	18 16	3 44	17 10	0 27	15 14	1 10	22 37	0 23	23 24	0 0	22 18	0 51	20 37	0 7	22 16	1 6	14 26	8 49	23 23	23 25	23 30	16 49	4 49
S 23	11 29	13 57	4 29	17 4	0 12	14 51	1 11	22 41	0 22	23 24	0 1	22 18	0 51	20 37	0 7	22 16	1 6	14 26	8 49	23 23	23 25	23 30	16 49	4 49
M24	11 9	8 56	4 56	16 56	0n 2	14 27	1 12	22 45	0 21	23 24	0 1	22 17	0 51	20 37	0 7	22 16	1 6	14 26	8 49	23 23	23 25	23 31	16 50	4 49
T 25	10 48	3 35	5 5	16 45	0 15	14 3	1 13	22 48	0 20	23 24	0 1	22 17	0 51	20 38	0 7	22 16	1 6	14 26	8 49	23 24	23 25	23 32	16 50	4 49
W26	10 28	1s47	4 57	16 31	0 28	13 39	1 15	22 52	0 19	23 24	0 1	22 17	0 51	20 38	0 7	22 16	1 6	14 25	8 49	23 24	23 25	23 33	16 51	4 48
T 27	10 7	6 55	4 33	16 15	0 40	13 14	1 16	22 55	0 18	23 24	0 1	22 16	0 51	20 38	0 7	22 16	1 6	14 25	8 50	23 24	23 25	23 33	16 51	4 48
F 28	9 46	11 37	3 56	15 55	0 51	12 50	1 17	22 58	0 17	23 24	0 1	22 16	0 51	20 38	0 7	22 16	1 6	14 25	8 50	23 24	23 25	23 34	16 52	4 48
S 29	9 25	15 43	3 9	15 32	1 0	12 24	1 18	23 1	0 16	23 25	0 1	22 15	0 51	20 38	0 7	22 16	1 6	14 25	8 50	23 24	23 25	23 35	16 53	4 47
S 30	9 3	19 6	2 15	15 7	1 9	11 59	1 19	23 3	0 15	23 25	0 1	22 15	0 51	20 39	0 7	22 16	1 6	14 25	8 50	23 24	23 25	23 35	16 53	4 47
M31	8n42	21s38	1n16	14n39	1n17	11n33	1n19	23n 6	0s14	23s25	0s 2	22n15	0s51	20s39	0n 7	22s16	1n 6	14n25	8s50	23n24	23n25	23s36	16s54	4n47

Julian Day Number = 2506543.5, Delta T = 122.06 sec
Ecliptic obliquity = 23°25'10, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°50'40, Lahiri = 25°57'40

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2150
geocentric

SEPTEMBER 2150 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 40 33	8♍36'17	29♐51	26♌ 3	4♍29	25♊50	2♑59	9♋26	3♐ 6	3°R37	23♊ 5	2°R20	1♋ 2	3♑48	8♐ 0	T 1
W 2	22 44 30	9°34'16	11♑40	27°56	5°43	26°26	3° 0	9°31	3° 7	3♑37	23° 6	2♋20	0°58	3°54	8° 2	W 2
T 3	22 48 26	10°32'16	23°35	29°49	6°57	27° 3	3° 0	9°36	3° 9	3°36	23° 6	2°17	0°55	4° 1	8° 4	T 3
F 4	22 52 23	11°30'18	5♒39	1♍44	8°12	27°40	3° 1	9°41	3°10	3°36	23° 6	2°13	0°52	4° 8	8° 7	F 4
S 5	22 56 19	12°28'22	17°55	3°40	9°26	28°16	3° 2	9°46	3°11	3°35	23° 7	2° 6	0°49	4°14	8° 9	S 5
S 6	23 0 16	13°26'27	0♓27	5°37	10°41	28°52	3° 3	9°51	3°12	3°35	23° 7	1°56	0°46	4°21	8°12	S 6
M 7	23 4 13	14°24'33	13°14	7°33	11°55	29°28	3° 5	9°56	3°14	3°35	23° 8	1°45	0°42	4°28	8°15	M 7
T 8	23 8 9	15°22'41	26°17	9°30	13°10	0♈ 4	3° 6	10° 1	3°15	3°35	23° 8	1°33	0°39	4°34	8°18	T 8
W 9	23 12 6	16°20'51	9♈34	11°27	14°24	0°40	3° 8	10° 5	3°16	3°34	23° 8	1°21	0°36	4°41	8°20	W 9
T 10	23 16 2	17°19'03	23° 4	13°23	15°39	1°16	3°10	10°10	3°18	3°34	23° 9	1°11	0°33	4°47	8°23	T 10
F 11	23 19 59	18°17'16	6♉43	15°18	16°53	1°51	3°12	10°14	3°19	3°34	23° 9	1° 3	0°30	4°54	8°27	F 11
S 12	23 23 55	19°15'32	20°31	17°13	18° 8	2°27	3°15	10°19	3°21	3°34	23° 9	0°58	0°27	5° 1	8°30	S 12
S 13	23 27 52	20°13'50	4♊26	19° 8	19°22	3° 2	3°17	10°23	3°23	3°34	23° 9	0°55	0°23	5° 7	8°33	S 13
M14	23 31 48	21°12'10	18°27	21° 1	20°37	3°37	3°20	10°27	3°24	3°34	23° 9	0°D55	0°20	5°14	8°36	M14
T 15	23 35 45	22°10'32	2♋33	22°53	21°51	4°11	3°23	10°31	3°26	3°D34	23°10	0°R55	0°17	5°21	8°40	T 15
W16	23 39 42	23° 8'56	16°44	24°45	23° 6	4°46	3°26	10°35	3°28	3°34	23°10	0°54	0°14	5°27	8°43	W16
T 17	23 43 38	24° 7'23	0♌58	26°35	24°21	5°20	3°29	10°39	3°30	3°34	23°10	0°52	0°11	5°34	8°47	T 17
F 18	23 47 35	25° 5'51	15°13	28°25	25°35	5°55	3°33	10°43	3°31	3°34	23°10	0°47	0° 7	5°41	8°51	F 18
S 19	23 51 31	26° 4'22	29°25	0♎13	26°50	6°29	3°36	10°47	3°33	3°34	23°10	0°39	0° 4	5°47	8°55	S 19
S 20	23 55 28	27° 2'54	13♍30	2° 0	28° 4	7° 3	3°40	10°51	3°35	3°34	23°10	0°28	0° 1	5°54	8°58	S 20
M21	23 59 24	28° 1'29	27°22	3°47	29°19	7°36	3°44	10°54	3°37	3°34	23°10	0°16	29♊58	6° 1	9° 2	M21
T 22	0 3 21	29° 0'05	10♎58	5°32	0♎34	8°10	3°48	10°58	3°39	3°35	23°10	0° 4	29°55	6° 7	9° 6	T 22
W23	0 7 17	29°58'43	24°14	7°16	1°49	8°43	3°52	11° 1	3°41	3°35	23°R10	29♊52	29°52	6°14	9°11	W23
T 24	0 11 14	0♎57'23	7♏10	8°59	3° 3	9°16	3°57	11° 4	3°43	3°35	23°10	29°42	29°48	6°20	9°15	T 24
F 25	0 15 11	1°56'05	19°45	10°41	4°18	9°49	4° 1	11° 8	3°46	3°35	23°10	29°35	29°45	6°27	9°19	F 25
S 26	0 19 7	2°54'48	2♐ 1	12°23	5°33	10°21	4° 6	11°11	3°48	3°36	23°10	29°30	29°42	6°34	9°23	S 26
S 27	0 23 4	3°53'34	14° 4	14° 3	6°48	10°54	4°11	11°14	3°50	3°36	23°10	29°28	29°39	6°40	9°28	S 27
M28	0 27 0	4°52'21	25°57	15°42	8° 2	11°26	4°16	11°16	3°52	3°36	23°10	29°27	29°36	6°47	9°32	M28
T 29	0 30 57	5°51'10	7♑45	17°21	9°17	11°58	4°22	11°19	3°55	3°37	23°10	29°27	29°33	6°54	9°37	T 29
W30	0 34 53	6♎50'00	19♑34	18♎58	10♎32	12♋29	4♑27	11♋22	3♐57	3♑37	23♊10	29♊26	29♊29	7♑ 0	9♐41	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n20	23s12	0n13	14n 9	1n24	11n 6	1n20	23n 8	0s13	23s25	0s 2	22n14	0s51	20s39	0n 7	22s16	1n 6	14n25	8s50	23n24	23n25	23s37	16s54	4n47
W 2	7 58	23 44	0s50	13 36	1 30	10 40	1 21	23 10	0 12	23 25	0 2	22 14	0 51	20 39	0 7	22 16	1 6	14 25	8 50	23 24	23 25	23 38	16 55	4 46
T 3	7 37	23 11	1 51	13 1	1 35	10 13	1 22	23 12	0 11	23 25	0 2	22 14	0 51	20 39	0 7	22 16	1 6	14 25	8 51	23 24	23 25	23 38	16 56	4 46
F 4	7 15	21 33	2 47	12 24	1 39	9 46	1 22	23 14	0 10	23 25	0 2	22 13	0 51	20 40	0 7	22 16	1 6	14 24	8 51	23 24	23 25	23 39	16 56	4 46
S 5	6 52	18 54	3 37	11 45	1 43	9 18	1 23	23 16	0 9	23 25	0 2	22 13	0 51	20 40	0 7	22 16	1 6	14 24	8 51	23 24	23 25	23 40	16 57	4 45
S 6	6 30	15 19	4 18	11 4	1 45	8 51	1 23	23 17	0 8	23 25	0 2	22 13	0 51	20 40	0 7	22 17	1 6	14 24	8 51	23 24	23 25	23 40	16 58	4 45
M 7	6 8	10 59	4 46	10 22	1 46	8 23	1 24	23 19	0 6	23 25	0 2	22 12	0 51	20 40	0 7	22 17	1 6	14 24	8 51	23 24	23 25	23 41	16 59	4 45
T 8	5 45	6 4	5 0	9 39	1 47	7 54	1 24	23 20	0 5	23 26	0 3	22 12	0 51	20 41	0 7	22 17	1 6	14 24	8 51	23 25	23 25	23 42	16 59	4 44
W 9	5 23	0 47	4 58	8 55	1 47	7 26	1 24	23 21	0 4	23 26	0 3	22 12	0 51	20 41	0 7	22 17	1 6	14 24	8 51	23 25	23 25	23 42	17 0	4 44
T 10	5 0	4n37	4 40	8 10	1 46	6 57	1 25	23 22	0 3	23 26	0 3	22 11	0 51	20 41	0 7	22 17	1 6	14 24	8 52	23 25	23 25	23 43	17 1	4 44
F 11	4 38	9 53	4 6	7 24	1 45	6 29	1 25	23 23	0 2	23 26	0 3	22 11	0 51	20 42	0 7	22 17	1 6	14 23	8 52	23 25	23 25	23 44	17 1	4 44
S 12	4 15	14 42	3 16	6 38	1 43	6 0	1 25	23 23	0 0	23 26	0 3	22 11	0 51	20 42	0 7	22 17	1 5	14 23	8 52	23 25	23 25	23 44	17 2	4 43
S 13	3 52	18 48	2 15	5 51	1 41	5 30	1 25	23 24	0n 1	23 26	0 3	22 10	0 51	20 42	0 7	22 17	1 5	14 23	8 52	23 25	23 25	23 45	17 3	4 43
M14	3 29	21 50	1 6	5 3	1 38	5 1	1 25	23 24	0 2	23 26	0 3	22 10	0 51	20 43	0 7	22 17	1 5	14 23	8 52	23 25	23 25	23 45	17 4	4 43
T 15	3 6	23 32	0n 9	4 16	1 34	4 32	1 25	23 24	0 3	23 26	0 3	22 10	0 51	20 43	0 7	22 17	1 5	14 23	8 52	23 25	23 25	23 46	17 5	4 43
W16	2 43	23 44	1 23	3 28	1 31	4 2	1 25	23 24	0 4	23 26	0 3	22 9	0 51	20 43	0 7	22 17	1 5	14 23	8 52	23 25	23 25	23 47	17 5	4 42
T 17	2 20	22 24	2 32	2 41	1 26	3 32	1 24	23 24	0 6	23 26	0 4	22 9	0 51	20 44	0 7	22 17	1 5	14 23	8 53	23 25	23 25	23 47	17 6	4 42
F 18	1 57	19 37	3 31	1 53	1 22	3 2	1 24	23 24	0 7	23 26	0 4	22 9	0 51	20 44	0 7	22 17	1 5	14 23	8 53	23 25	23 25	23 48	17 7	4 42
S 19	1 34	15 41	4 18	1 5	1 17	2 32	1 24	23 24	0 8	23 26	0 4	22 8	0 51	20 44	0 7	22 17	1 5	14 22	8 53	23 25	23 25	23 48	17 8	4 42
S 20	1 10	10 54	4 48	0 18	1 11	2 2	1 23	23 24	0 10	23 26	0 4	22 8	0 51	20 45	0 7	22 17	1 5	14 22	8 53	23 25	23 25	23 49	17 9	4 41
M21	0 47	5 38	5 0	0s30	1 6	1 32	1 23	23 23	0 11	23 26	0 4	22 8	0 51	20 45	0 7	22 17	1 5	14 22	8 53	23 25	23 25	23 50	17 9	4 41
T 22	0 24	0 11	4 55	1 17	1 0	1 2	1 22	23 22	0 12	23 26	0 4	22 8	0 51	20 46	0 7	22 17	1 5	14 22	8 53	23 25	23 25	23 50	17 10	4 41
W23	0 1	5s 8	4 34	2 3	0 54	0 32	1 22	23 22	0 14	23 26	0 4	22 7	0 51	20 46	0 7	22 17	1 5	14 22	8 54	23 25	23 25	23 51	17 11	4 40
T 24	0s23	10 7	3 59	2 50	0 48	0 2	1 21	23 21	0 15	23 26	0 4	22 7	0 51	20 46	0 7	22 17	1 5	14 22	8 54	23 25	23 25	23 51	17 12	4 40
F 25	0 46	14 33	3 14	3 36	0 41	0s29	1 20	23 20	0 16	23 26	0 4	22 7	0 51	20 47	0 7	22 17	1 5	14 21	8 54	23 25	23 25	23 52	17 13	4 40
S 26	1 9	18 16	2 20	4 21	0 35	0 59	1 20	23 19	0 18	23 26	0 4	22 6	0 51	20 47	0 7	22 17	1 5	14 21	8 54	23 25	23 25	23 52	17 14	4 40
S 27	1 33	21 8	1 21	5 6	0 28	1 29	1 19	23 17	0 19	23 26	0 5	22 6	0 51	20 48	0 6	22 17	1 5	14 21	8 54	23 25	23 25	23 53	17 15	4 40
M28	1 56	23 3	0 19	5 51	0 21	2 0	1 18	23 16	0 20	23 26	0 5	22 6	0 51	20 48	0 6	22 17	1 5	14 21	8 54	23 25	23 25	23 53	17 16	4 39
T 29	2 19	23 55	0s44	6 35	0 14	2 30	1 17	23 15	0 22	23 26	0 5	22 6	0 51	20 49	0 6	22 18	1 5	14 21	8 54	23 25	23 25	23 54	17 16	4 39
W30	2s43	23s43	1s45	7s18	0n 7	3s 0	1n16	23n13	0n23	23s26	0s 5	22n 5	0s51	20s49	0n 6	22s18	1n 5	14n21	8s55	23n25	23n25	23s55	17s17	4n39

Julian Day Number = 2506574.5, Delta T = 122.12 sec
Ecliptic obliquity = 23°25'11, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°50'44, Lahiri = 25°57'45

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2150
geocentric

OCTOBER 2150 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 38 50	7♎48'53	1♒30	20♎34	11♎47	13♋ 1	4♑33	11♋25	4♐ 0	3♑38	23°R10	29°R24	29♊26	7♑ 7	9♐46	T 1
F 2	0 42 46	8°47'47	13°38	22°10	13° 1	13°32	4°39	11°27	4° 2	3°38	23♊ 9	29♊20	29°23	7°14	9°51	F 2
S 3	0 46 43	9°46'42	26° 1	23°45	14°16	14° 3	4°45	11°29	4° 4	3°39	23° 9	29°13	29°20	7°20	9°56	S 3
S 4	0 50 39	10°45'40	8♓43	25°19	15°31	14°34	4°51	11°32	4° 7	3°40	23° 9	29° 4	29°17	7°27	10° 1	S 4
M 5	0 54 36	11°44'39	21°46	26°52	16°46	15° 4	4°57	11°34	4°10	3°40	23° 9	28°53	29°13	7°34	10° 6	M 5
T 6	0 58 33	12°43'41	5♈ 8	28°24	18° 1	15°35	5° 4	11°36	4°12	3°41	23° 8	28°40	29°10	7°40	10°11	T 6
W 7	1 2 29	13°42'44	18°48	29°55	19°15	16° 5	5°10	11°38	4°15	3°42	23° 8	28°28	29° 7	7°47	10°16	W 7
T 8	1 6 26	14°41'49	2♉43	1♏26	20°30	16°34	5°17	11°40	4°18	3°42	23° 8	28°18	29° 4	7°53	10°21	T 8
F 9	1 10 22	15°40'57	16°48	2°56	21°45	17° 4	5°24	11°41	4°20	3°43	23° 8	28°10	29° 1	8° 0	10°26	F 9
S 10	1 14 19	16°40'06	0♊59	4°25	23° 0	17°33	5°31	11°43	4°23	3°44	23° 7	28° 5	28°58	8° 7	10°32	S 10
S 11	1 18 15	17°39'19	15°12	5°53	24°15	18° 2	5°38	11°45	4°26	3°45	23° 7	28° 2	28°54	8°13	10°37	S 11
M12	1 22 12	18°38'33	29°24	7°20	25°30	18°30	5°45	11°46	4°29	3°46	23° 6	28°D 2	28°51	8°20	10°43	M12
T 13	1 26 8	19°37'50	13♋33	8°46	26°45	18°59	5°53	11°47	4°31	3°47	23° 6	28°R 2	28°48	8°27	10°48	T 13
W14	1 30 5	20°37'09	27°38	10°12	27°59	19°27	6° 0	11°49	4°34	3°47	23° 6	28° 2	28°45	8°33	10°54	W14
T 15	1 34 2	21°36'30	11♌38	11°36	29°14	19°55	6° 8	11°50	4°37	3°48	23° 5	28° 0	28°42	8°40	10°59	T 15
F 16	1 37 58	22°35'54	25°33	13° 0	0♏29	20°22	6°16	11°51	4°40	3°49	23° 5	27°56	28°39	8°47	11° 5	F 16
S 17	1 41 55	23°35'20	9♍20	14°23	1°44	20°49	6°24	11°52	4°43	3°50	23° 4	27°50	28°35	8°53	11°11	S 17
S 18	1 45 51	24°34'48	22°58	15°45	2°59	21°16	6°32	11°52	4°46	3°51	23° 4	27°41	28°32	9° 0	11°17	S 18
M19	1 49 48	25°34'19	6♎26	17° 5	4°14	21°42	6°41	11°53	4°49	3°53	23° 3	27°30	28°29	9° 7	11°22	M19
T 20	1 53 44	26°33'51	19°39	18°25	5°29	22° 8	6°49	11°53	4°52	3°54	23° 2	27°19	28°26	9°13	11°28	T 20
W21	1 57 41	27°33'26	2♏38	19°44	6°44	22°34	6°58	11°54	4°55	3°55	23° 2	27° 9	28°23	9°20	11°34	W21
T 22	2 1 37	28°33'02	15°20	21° 1	7°59	23° 0	7° 6	11°54	4°59	3°56	23° 1	27° 0	28°19	9°27	11°40	T 22
F 23	2 5 34	29°32'41	27°46	22°17	9°14	23°25	7°15	11°54	5° 2	3°57	23° 1	26°54	28°16	9°33	11°46	F 23
S 24	2 9 31	0♏32'21	9♐58	23°31	10°29	23°49	7°24	11°R55	5° 5	3°58	23° 0	26°50	28°13	9°40	11°52	S 24
S 25	2 13 27	1°32'03	21°58	24°44	11°44	24°14	7°33	11°54	5° 8	4° 0	22°59	26°D48	28°10	9°46	11°59	S 25
M26	2 17 24	2°31'48	3♑49	25°56	12°59	24°38	7°42	11°54	5°11	4° 1	22°59	26°48	28° 7	9°53	12° 5	M26
T 27	2 21 20	3°31'33	15°37	27° 5	14°13	25° 1	7°52	11°54	5°15	4° 2	22°58	26°49	28° 4	10° 0	12°11	T 27
W28	2 25 17	4°31'21	27°25	28°13	15°28	25°24	8° 1	11°54	5°18	4° 4	22°57	26°50	28° 0	10° 6	12°17	W28
T 29	2 29 13	5°31'10	9♒20	29°18	16°43	25°47	8°11	11°53	5°21	4° 5	22°57	26°R50	27°57	10°13	12°24	T 29
F 30	2 33 10	6°31'01	21°27	0♐21	17°58	26° 9	8°20	11°53	5°25	4° 6	22°56	26°49	27°54	10°20	12°30	F 30
S 31	2 37 6	7♏30'53	3♓51	1♐21	19♏13	26♋31	8♑30	11♋52	5♐28	4♑ 8	22♊55	26♊46	27♊51	10♑26	12♐37	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3s 6	22s26	2s41	8s 1	0n 0	3s30	1n15	23n12	0n25	23s25	0s 5	22n 5	0s51	20s49	0n 6	22s18	1n 5	14n21	8s55	23n25	23n25	23s55	17s18	4n39
F 2	3 29	20 6	3 31	8 44	0s 7	4 1	1 14	23 10	0 26	23 25	0 5	22 5	0 51	20 50	0 6	22 18	1 5	14 20	8 55	23 25	23 25	23 56	17 19	4 38
S 3	3 52	16 48	4 13	9 26	0 14	4 31	1 12	23 8	0 28	23 25	0 5	22 5	0 51	20 50	0 6	22 18	1 5	14 20	8 55	23 25	23 25	23 56	17 20	4 38
S 4	4 15	12 40	4 43	10 7	0 21	5 1	1 11	23 6	0 29	23 25	0 5	22 5	0 51	20 51	0 6	22 18	1 5	14 20	8 55	23 25	23 25	23 57	17 21	4 38
M 5	4 38	7 51	4 59	10 47	0 28	5 31	1 10	23 5	0 31	23 25	0 5	22 4	0 51	20 51	0 6	22 18	1 4	14 20	8 55	23 25	23 25	23 57	17 22	4 38
T 6	5 1	2 33	4 59	11 27	0 36	6 0	1 8	23 3	0 32	23 25	0 5	22 4	0 51	20 52	0 6	22 18	1 4	14 20	8 55	23 25	23 25	23 58	17 23	4 38
W 7	5 24	3n 0	4 43	12 6	0 43	6 30	1 7	23 1	0 34	23 25	0 6	22 4	0 51	20 52	0 6	22 18	1 4	14 20	8 56	23 25	23 25	23 58	17 24	4 37
T 8	5 47	8 30	4 9	12 45	0 50	7 0	1 5	22 58	0 35	23 25	0 6	22 4	0 51	20 53	0 6	22 18	1 4	14 19	8 56	23 25	23 25	23 59	17 25	4 37
F 9	6 10	13 38	3 20	13 22	0 57	7 29	1 4	22 56	0 37	23 24	0 6	22 4	0 51	20 53	0 6	22 18	1 4	14 19	8 56	23 24	23 25	23 59	17 25	4 37
S 10	6 33	18 5	2 18	13 59	1 4	7 58	1 2	22 54	0 38	23 24	0 6	22 4	0 51	20 54	0 6	22 18	1 4	14 19	8 56	23 24	23 25	23 59	17 26	4 37
S 11	6 55	21 29	1 8	14 35	1 11	8 27	1 1	22 52	0 40	23 24	0 6	22 4	0 51	20 54	0 6	22 18	1 4	14 19	8 56	23 24	23 25	24 0	17 27	4 37
M12	7 18	23 32	0n 7	15 11	1 18	8 56	0 59	22 50	0 42	23 24	0 6	22 3	0 51	20 55	0 6	22 18	1 4	14 19	8 56	23 24	23 25	24 0	17 28	4 37
T 13	7 40	24 5	1 22	15 45	1 25	9 25	0 57	22 47	0 43	23 23	0 6	22 3	0 51	20 56	0 6	22 18	1 4	14 19	8 56	23 24	23 25	24 1	17 29	4 36
W14	8 3	23 5	2 31	16 19	1 32	9 53	0 55	22 45	0 45	23 23	0 6	22 3	0 51	20 56	0 6	22 18	1 4	14 18	8 57	23 24	23 25	24 1	17 30	4 36
T 15	8 25	20 39	3 30	16 52	1 38	10 21	0 54	22 43	0 46	23 23	0 6	22 3	0 51	20 57	0 6	22 18	1 4	14 18	8 57	23 24	23 25	24 2	17 31	4 36
F 16	8 47	17 1	4 17	17 24	1 45	10 49	0 52	22 40	0 48	23 23	0 6	22 3	0 51	20 57	0 6	22 18	1 4	14 18	8 57	23 24	23 25	24 2	17 32	4 36
S 17	9 9	12 31	4 48	17 55	1 51	11 17	0 50	22 38	0 50	23 22	0 6	22 3	0 51	20 58	0 6	22 18	1 4	14 18	8 57	23 24	23 25	24 3	17 33	4 36
S 18	9 31	7 25	5 3	18 25	1 57	11 45	0 48	22 35	0 52	23 22	0 7	22 3	0 51	20 58	0 6	22 18	1 4	14 18	8 57	23 24	23 25	24 3	17 34	4 36
M19	9 53	2 3	5 0	18 54	2 3	12 12	0 46	22 33	0 53	23 22	0 7	22 3	0 51	20 59	0 6	22 18	1 4	14 18	8 57	23 24	23 25	24 3	17 35	4 35
T 20	10 14	3s20	4 41	19 22	2 9	12 39	0 44	22 30	0 55	23 21	0 7	22 3	0 51	20 59	0 6	22 18	1 4	14 18	8 57	23 24	23 25	24 4	17 36	4 35
W21	10 36	8 29	4 8	19 49	2 15	13 6	0 42	22 28	0 57	23 21	0 7	22 3	0 51	21 0	0 6	22 18	1 4	14 17	8 57	23 23	23 25	24 4	17 36	4 35
T 22	10 57	13 11	3 23	20 15	2 20	13 32	0 40	22 26	0 59	23 21	0 7	22 3	0 51	21 1	0 6	22 18	1 4	14 17	8 58	23 23	23 25	24 5	17 37	4 35
F 23	11 18	17 13	2 29	20 40	2 25	13 58	0 38	22 23	1 0	23 20	0 7	22 3	0 51	21 1	0 6	22 18	1 4	14 17	8 58	23 23	23 25	24 5	17 38	4 35
S 24	11 39	20 27	1 29	21 3	2 30	14 23	0 35	22 21	1 2	23 20	0 7	22 3	0 51	21 2	0 6	22 18	1 4	14 17	8 58	23 23	23 24	24 5	17 39	4 35
S 25	12 0	22 45	0 26	21 26	2 34	14 49	0 33	22 18	1 4	23 19	0 7	22 3	0 51	21 2	0 6	22 18	1 4	14 17	8 58	23 23	23 24	24 6	17 40	4 35
M26	12 20	24 0	0s38	21 47	2 39	15 14	0 31	22 16	1 6	23 19	0 7	22 3	0 51	21 3	0 6	22 18	1 4	14 17	8 58	23 23	23 24	24 6	17 41	4 35
T 27	12 41	24 9	1 40	22 7	2 42	15 38	0 29	22 13	1 8	23 19	0 7	22 3	0 51	21 3	0 6	22 18	1 4	14 17	8 58	23 23	23 24	24 6	17 42	4 34
W28	13 1	23 14	2 37	22 26	2 46	16 2	0 26	22 11	1 10	23 18	0 7	22 3	0 51	21 4	0 6	22 18	1 3	14 16	8 58	23 23	23 24	24 7	17 43	4 34
T 29	13 21	21 15	3 29	22 44	2 49	16 26	0 24	22 9	1 12	23 18	0 8	22 3	0 51	21 5	0 6	22 18	1 3	14 16	8 58	23 23	23 24	24 7	17 44	4 34
F 30	13 41	18 19	4 12	23 0	2 51	16 49	0 22	22 7	1 14	23 17	0 8	22 3	0 51	21 5	0 6	22 18	1 3	14 16	8 58	23 23	23 24	24 8	17 45	4 34
S 31	14s 0	14s30	4s44	23s14	2s53	17s12	0n19	22n 4	1n16	23s17	0s 8	22n 3	0s51	21s 6	0n 6	22s18	1n 3	14n16	8s59	23n23	23n24	24s 8	17s45	4n34

Julian Day Number = 2506604.5, Delta T = 122.18 sec
Ecliptic obliquity = 23°25'11, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°50'48, Lahiri = 25°57'49

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2150
geocentric

NOVEMBER 2150 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 41 3	8♏30'48	16♓36	2♐18	20♏28	26♋53	8♑40	11°R51	5♐31	4♑ 9	22°R54	26°R40	27♊48	10♑33	12♐43	S 1
M 2	2 45 0	9°30'43	29°44	3°11	21°43	27°14	8°50	11♋50	5°35	4°11	22♊54	26♊33	27°44	10°40	12°50	M 2
T 3	2 48 56	10°30'41	13♈17	4° 1	22°58	27°35	9° 0	11°49	5°38	4°12	22°53	26°26	27°41	10°46	12°56	T 3
W 4	2 52 53	11°30'40	27°13	4°47	24°13	27°55	9°11	11°48	5°42	4°14	22°52	26°18	27°38	10°53	13° 3	W 4
T 5	2 56 49	12°30'41	11♉29	5°28	25°28	28°14	9°21	11°47	5°45	4°15	22°51	26°11	27°35	11° 0	13° 9	T 5
F 6	3 0 46	13°30'44	25°59	6° 4	26°43	28°34	9°31	11°45	5°49	4°17	22°50	26° 6	27°32	11° 6	13°16	F 6
S 7	3 4 42	14°30'49	10♊37	6°34	27°58	28°52	9°42	11°44	5°52	4°18	22°49	26° 3	27°29	11°13	13°23	S 7
S 8	3 8 39	15°30'56	25°16	6°58	29°13	29°11	9°53	11°42	5°56	4°20	22°48	26°D 2	27°25	11°20	13°30	S 8
M 9	3 12 35	16°31'05	9♋50	7°15	0♐28	29°29	10° 3	11°41	5°59	4°22	22°48	26° 3	27°22	11°26	13°36	M 9
T 10	3 16 32	17°31'17	24°15	7°24	1°43	29°46	10°14	11°39	6° 3	4°23	22°47	26° 4	27°19	11°33	13°43	T 10
W11	3 20 29	18°31'30	8♌28	7°R25	2°58	0♌ 3	10°25	11°37	6° 6	4°25	22°46	26° 5	27°16	11°40	13°50	W11
T 12	3 24 25	19°31'45	22°27	7°17	4°13	0°19	10°36	11°35	6°10	4°27	22°45	26°R 6	27°13	11°46	13°57	T 12
F 13	3 28 22	20°32'02	6♍12	6°59	5°28	0°34	10°47	11°33	6°13	4°29	22°44	26° 5	27°10	11°53	14° 4	F 13
S 14	3 32 18	21°32'21	19°42	6°32	6°42	0°49	10°58	11°31	6°17	4°30	22°43	26° 2	27° 6	11°59	14°11	S 14
S 15	3 36 15	22°32'42	3♎ 0	5°54	7°57	1° 4	11°10	11°28	6°21	4°32	22°42	25°58	27° 3	12° 6	14°18	S 15
M16	3 40 11	23°33'05	16° 3	5° 6	9°12	1°18	11°21	11°26	6°24	4°34	22°41	25°52	27° 0	12°13	14°25	M16
T 17	3 44 8	24°33'30	28°54	4° 9	10°27	1°31	11°33	11°24	6°28	4°36	22°40	25°47	26°57	12°19	14°32	T 17
W18	3 48 4	25°33'57	11♏31	3° 4	11°42	1°44	11°44	11°21	6°32	4°38	22°39	25°41	26°54	12°26	14°39	W18
T 19	3 52 1	26°34'25	23°56	1°51	12°57	1°56	11°56	11°18	6°35	4°39	22°38	25°37	26°50	12°33	14°46	T 19
F 20	3 55 58	27°34'55	6♐10	0°33	14°12	2° 7	12° 8	11°15	6°39	4°41	22°37	25°34	26°47	12°39	14°53	F 20
S 21	3 59 54	28°35'26	18°13	29♏12	15°27	2°18	12°20	11°12	6°43	4°43	22°36	25°32	26°44	12°46	15° 0	S 21
S 22	4 3 51	29°35'59	0♑ 8	27°51	16°42	2°28	12°31	11° 9	6°46	4°45	22°35	25°D32	26°41	12°53	15° 7	S 22
M23	4 7 47	0♐36'34	11°57	26°32	17°57	2°38	12°43	11° 6	6°50	4°47	22°34	25°33	26°38	12°59	15°14	M23
T 24	4 11 44	1°37'09	23°44	25°19	19°12	2°46	12°55	11° 3	6°54	4°49	22°33	25°35	26°35	13° 6	15°21	T 24
W25	4 15 40	2°37'46	5♒32	24°13	20°27	2°54	13° 8	11° 0	6°57	4°51	22°32	25°37	26°31	13°13	15°29	W25
T 26	4 19 37	3°38'25	17°26	23°16	21°42	3° 2	13°20	10°57	7° 1	4°53	22°30	25°38	26°28	13°19	15°36	T 26
F 27	4 23 33	4°39'04	29°31	22°29	22°57	3° 8	13°32	10°53	7° 5	4°55	22°29	25°R39	26°25	13°26	15°43	F 27
S 28	4 27 30	5°39'44	11♓51	21°54	24°12	3°14	13°44	10°50	7° 8	4°57	22°28	25°39	26°22	13°33	15°50	S 28
S 29	4 31 27	6°40'25	24°31	21°31	25°27	3°19	13°57	10°46	7°12	4°59	22°27	25°38	26°19	13°39	15°57	S 29
M30	4 35 23	7♐41'08	7♈35	21♏19	26♐42	3♌24	14♑ 9	10♋42	7♐16	5♑ 1	22♊26	25♊36	26♊16	13♑46	16♐ 5	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s20	9s57	5s 4	23s27	2s54	17s35	0n17	22n 2	1n18	23s16	0s 8	22n 3	0s51	21s 7	0n 6	22s18	1n 3	14n16	8s59	23n23	23n24	24s 8	17s46	4n34
M 2	14 39	4 49	5 8	23 38	2 55	17 57	0 15	22 0	1 20	23 15	0 8	22 3	0 51	21 7	0 6	22 18	1 3	14 16	8 59	23 23	23 24	24 9	17 47	4 34
T 3	14 58	0n42	4 55	23 48	2 55	18 18	0 12	21 58	1 22	23 15	0 8	22 3	0 51	21 8	0 6	22 18	1 3	14 16	8 59	23 22	23 24	24 9	17 48	4 34
W 4	15 16	6 21	4 25	23 56	2 54	18 39	0 10	21 56	1 24	23 14	0 8	22 3	0 51	21 8	0 6	22 18	1 3	14 15	8 59	23 22	23 24	24 9	17 49	4 34
T 5	15 35	11 49	3 38	24 2	2 53	19 0	0 7	21 54	1 26	23 14	0 8	22 3	0 51	21 9	0 6	22 18	1 3	14 15	8 59	23 22	23 24	24 9	17 50	4 34
F 6	15 53	16 43	2 36	24 6	2 50	19 20	0 5	21 52	1 28	23 13	0 8	22 4	0 51	21 10	0 6	22 18	1 3	14 15	8 59	23 22	23 24	24 10	17 51	4 34
S 7	16 11	20 39	1 23	24 8	2 47	19 39	0 2	21 50	1 30	23 12	0 8	22 4	0 51	21 10	0 6	22 18	1 3	14 15	8 59	23 22	23 24	24 10	17 52	4 34
S 8	16 28	23 16	0 4	24 7	2 42	19 58	0s 0	21 49	1 32	23 12	0 8	22 4	0 51	21 11	0 6	22 18	1 3	14 15	8 59	23 22	23 24	24 10	17 52	4 34
M 9	16 46	24 18	1n14	24 4	2 36	20 16	0 3	21 47	1 35	23 11	0 8	22 4	0 51	21 11	0 6	22 18	1 3	14 15	8 59	23 22	23 24	24 11	17 53	4 34
T 10	17 3	23 40	2 28	23 59	2 29	20 34	0 5	21 46	1 37	23 10	0 9	22 4	0 51	21 12	0 6	22 18	1 3	14 15	8 59	23 22	23 24	24 11	17 54	4 34
W11	17 20	21 31	3 31	23 50	2 20	20 51	0 8	21 44	1 39	23 9	0 9	22 4	0 51	21 13	0 6	22 18	1 3	14 15	9 0	23 22	23 23	24 11	17 55	4 34
T 12	17 36	18 7	4 20	23 39	2 10	21 8	0 10	21 43	1 41	23 8	0 9	22 5	0 51	21 13	0 6	22 18	1 3	14 14	9 0	23 22	23 23	24 11	17 56	4 34
F 13	17 52	13 46	4 53	23 24	1 59	21 24	0 13	21 42	1 44	23 8	0 9	22 5	0 51	21 14	0 6	22 18	1 3	14 14	9 0	23 22	23 23	24 12	17 56	4 34
S 14	18 8	8 49	5 10	23 7	1 45	21 40	0 15	21 41	1 46	23 7	0 9	22 5	0 50	21 15	0 6	22 18	1 3	14 14	9 0	23 22	23 23	24 12	17 57	4 34
S 15	18 24	3 33	5 10	22 45	1 30	21 54	0 18	21 40	1 48	23 6	0 9	22 5	0 50	21 15	0 6	22 18	1 3	14 14	9 0	23 21	23 23	24 12	17 58	4 34
M16	18 39	1s48	4 53	22 21	1 14	22 9	0 20	21 39	1 51	23 5	0 9	22 5	0 50	21 16	0 6	22 18	1 3	14 14	9 0	23 21	23 23	24 12	17 59	4 34
T 17	18 54	6 59	4 22	21 53	0 56	22 22	0 23	21 39	1 53	23 4	0 9	22 6	0 50	21 16	0 6	22 18	1 3	14 14	9 0	23 21	23 23	24 13	18 0	4 34
W18	19 8	11 49	3 38	21 21	0 37	22 35	0 25	21 38	1 56	23 3	0 9	22 6	0 50	21 17	0 6	22 18	1 3	14 14	9 0	23 21	23 23	24 13	18 0	4 34
T 19	19 22	16 5	2 45	20 47	0 17	22 47	0 28	21 38	1 58	23 2	0 9	22 6	0 50	21 18	0 6	22 18	1 3	14 14	9 0	23 21	23 23	24 13	18 1	4 34
F 20	19 36	19 36	1 44	20 11	0n 4	22 59	0 30	21 38	2 1	23 1	0 9	22 6	0 50	21 18	0 6	22 18	1 3	14 14	9 0	23 21	23 23	24 13	18 2	4 34
S 21	19 50	22 14	0 40	19 34	0 24	23 10	0 32	21 38	2 3	23 0	0 9	22 7	0 50	21 19	0 6	22 17	1 3	14 14	9 0	23 21	23 23	24 14	18 2	4 34
S 22	20 3	23 51	0s25	18 57	0 44	23 20	0 35	21 38	2 6	22 59	0 10	22 7	0 50	21 20	0 6	22 17	1 3	14 13	9 0	23 21	23 23	24 14	18 3	4 34
M23	20 16	24 22	1 29	18 20	1 4	23 30	0 37	21 38	2 8	22 58	0 10	22 7	0 50	21 20	0 6	22 17	1 3	14 13	9 0	23 21	23 23	24 14	18 4	4 34
T 24	20 28	23 47	2 29	17 45	1 22	23 38	0 40	21 39	2 11	22 57	0 10	22 8	0 50	21 21	0 6	22 17	1 3	14 13	9 0	23 21	23 23	24 14	18 5	4 34
W25	20 40	22 9	3 23	17 14	1 38	23 47	0 42	21 39	2 13	22 56	0 10	22 8	0 50	21 22	0 6	22 17	1 3	14 13	9 0	23 21	23 22	24 14	18 5	4 34
T 26	20 52	19 33	4 9	16 46	1 52	23 54	0 44	21 40	2 16	22 55	0 10	22 8	0 50	21 22	0 6	22 17	1 3	14 13	9 0	23 21	23 22	24 14	18 6	4 34
F 27	21 3	16 4	4 44	16 22	2 4	24 1	0 47	21 41	2 19	22 54	0 10	22 9	0 50	21 23	0 6	22 17	1 3	14 13	9 0	23 21	23 22	24 15	18 7	4 34
S 28	21 14	11 51	5 7	16 4	2 14	24 7	0 49	21 42	2 21	22 53	0 10	22 9	0 50	21 23	0 6	22 17	1 2	14 13	9 0	23 21	23 22	24 15	18 7	4 34
S 29	21 24	7 1	5 16	15 50	2 22	24 12	0 51	21 44	2 24	22 51	0 10	22 9	0 50	21 24	0 6	22 17	1 2	14 13	9 0	23 21	23 22	24 15	18 8	4 34
M30	21s34	1s44	5s 9	15s41	2n28	24s16	0s54	21n45	2n27	22s50	0s10	22n10	0s50	21s25	0n 6	22s17	1n 2	14n13	9s 0	23n21	23n22	24s15	18s 9	4n34

Julian Day Number = 2506635.5, Delta T = 122.23 sec
Ecliptic obliquity = 23°25'11, Nutation = - 0°00'19, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°50'53, Lahiri = 25°57'53

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2150
geocentric

DECEMBER 2150 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 39 20	8♐41'51	21♈ 6	21°D18	27♐57	3♌28	14♑22	10°R39	7♐20	5♑ 3	22°R25	25°R34	26♊12	13♑53	16♐12	T 1
W 2	4 43 16	9°42'36	5♉ 4	21♏28	29°12	3°30	14°35	10♋35	7°23	5° 5	22♊24	25♊32	26° 9	13°59	16°19	W 2
T 3	4 47 13	10°43'22	19°28	21°47	0♑26	3°33	14°47	10°31	7°27	5° 7	22°23	25°30	26° 6	14° 6	16°26	T 3
F 4	4 51 9	11°44'08	4♊12	22°15	1°41	3°34	15° 0	10°27	7°31	5°10	22°22	25°28	26° 3	14°12	16°34	F 4
S 5	4 55 6	12°44'56	19° 9	22°51	2°56	3°R34	15°13	10°23	7°34	5°12	22°20	25°D28	26° 0	14°19	16°41	S 5
S 6	4 59 2	13°45'46	4♋12	23°35	4°11	3°34	15°26	10°19	7°38	5°14	22°19	25°28	25°56	14°26	16°48	S 6
M 7	5 2 59	14°46'36	19°12	24°24	5°26	3°33	15°39	10°15	7°42	5°16	22°18	25°28	25°53	14°32	16°55	M 7
T 8	5 6 56	15°47'28	4♌ 1	25°19	6°41	3°31	15°52	10°10	7°45	5°18	22°17	25°29	25°50	14°39	17° 3	T 8
W 9	5 10 52	16°48'21	18°33	26°19	7°56	3°29	16° 5	10° 6	7°49	5°20	22°16	25°30	25°47	14°46	17°10	W 9
T 10	5 14 49	17°49'15	2♍43	27°23	9°11	3°25	16°18	10° 2	7°53	5°22	22°15	25°30	25°44	14°52	17°17	T 10
F 11	5 18 45	18°50'11	16°32	28°30	10°26	3°21	16°31	9°57	7°56	5°25	22°13	25°R31	25°41	14°59	17°24	F 11
S 12	5 22 42	19°51'07	29°59	29°41	11°40	3°15	16°44	9°53	8° 0	5°27	22°12	25°31	25°37	15° 6	17°32	S 12
S 13	5 26 38	20°52'05	13♎ 5	0♐54	12°55	3° 9	16°57	9°48	8° 4	5°29	22°11	25°30	25°34	15°12	17°39	S 13
M14	5 30 35	21°53'04	25°53	2°10	14°10	3° 2	17°10	9°44	8° 7	5°31	22°10	25°30	25°31	15°19	17°46	M14
T 15	5 34 31	22°54'05	8♏26	3°28	15°25	2°54	17°24	9°39	8°11	5°34	22° 9	25°29	25°28	15°26	17°53	T 15
W16	5 38 28	23°55'06	20°46	4°48	16°40	2°46	17°37	9°34	8°15	5°36	22° 8	25°29	25°25	15°32	18° 1	W16
T 17	5 42 25	24°56'08	2♐55	6° 9	17°55	2°36	17°51	9°30	8°18	5°38	22° 6	25°29	25°22	15°39	18° 8	T 17
F 18	5 46 21	25°57'11	14°56	7°32	19° 9	2°26	18° 4	9°25	8°22	5°40	22° 5	25°D29	25°18	15°46	18°15	F 18
S 19	5 50 18	26°58'15	26°51	8°56	20°24	2°15	18°18	9°20	8°25	5°42	22° 4	25°R29	25°15	15°52	18°22	S 19
S 20	5 54 14	27°59'20	8♑41	10°20	21°39	2° 3	18°31	9°15	8°29	5°45	22° 3	25°29	25°12	15°59	18°29	S 20
M21	5 58 11	29° 0'25	20°29	11°46	22°54	1°50	18°45	9°11	8°32	5°47	22° 2	25°29	25° 9	16° 6	18°37	M21
T 22	6 2 7	0♑ 1'31	2♒16	13°12	24° 9	1°36	18°58	9° 6	8°36	5°49	22° 1	25°28	25° 6	16°12	18°44	T 22
W23	6 6 4	1° 2'37	14° 7	14°40	25°23	1°22	19°12	9° 1	8°39	5°52	22° 0	25°28	25° 2	16°19	18°51	W23
T 24	6 10 1	2° 3'44	26° 2	16° 7	26°38	1° 6	19°26	8°56	8°43	5°54	21°58	25°27	24°59	16°26	18°58	T 24
F 25	6 13 57	3° 4'50	8♓ 8	17°36	27°53	0°50	19°39	8°51	8°46	5°56	21°57	25°26	24°56	16°32	19° 5	F 25
S 26	6 17 54	4° 5'57	20°26	19° 4	29° 8	0°34	19°53	8°46	8°50	5°58	21°56	25°25	24°53	16°39	19°12	S 26
S 27	6 21 50	5° 7'04	3♈ 1	20°34	0♒22	0°16	20° 7	8°41	8°53	6° 1	21°55	25°D25	24°50	16°46	19°19	S 27
M28	6 25 47	6° 8'11	15°57	22° 3	1°37	29♋58	20°21	8°36	8°57	6° 3	21°54	25°25	24°47	16°52	19°26	M28
T 29	6 29 43	7° 9'19	29°18	23°34	2°52	29°40	20°34	8°31	9° 0	6° 5	21°53	25°26	24°43	16°59	19°33	T 29
W30	6 33 40	8°10'26	13♉ 5	25° 4	4° 6	29°20	20°48	8°26	9° 3	6° 7	21°52	25°27	24°40	17° 6	19°40	W30
T 31	6 37 36	9♑11'33	27♉20	26♐35	5♒21	29♋ 0	21♑ 2	8♋21	9♐ 7	6♑10	21♊50	25♊28	24♊37	17♑12	19♐47	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s44	3n49	4s46	15s37	2n33	24s20	0s56	21n47	2n29	22s49	0s10	22n10	0s50	21s25	0n 6	22s17	1n 2	14n13	9s 0	23n21	23n22	24s15	18s 9	4n35
W 2	21 53	9 22	4 4	15 37	2 35	24 23	0 58	21 49	2 32	22 48	0 10	22 10	0 50	21 26	0 6	22 17	1 2	14 13	9 0	23 21	23 22	24 15	18 10	4 35
T 3	22 2	14 35	3 7	15 41	2 36	24 25	1 0	21 51	2 35	22 46	0 10	22 11	0 50	21 26	0 6	22 17	1 2	14 13	9 0	23 21	23 22	24 16	18 10	4 35
F 4	22 11	19 5	1 55	15 49	2 35	24 27	1 2	21 54	2 38	22 45	0 11	22 11	0 50	21 27	0 6	22 17	1 2	14 13	9 0	23 21	23 22	24 16	18 11	4 35
S 5	22 18	22 24	0 35	15 59	2 34	24 27	1 4	21 56	2 40	22 44	0 11	22 11	0 50	21 28	0 6	22 17	1 2	14 12	9 0	23 21	23 22	24 16	18 12	4 35
S 6	22 26	24 10	0n48	16 13	2 31	24 28	1 6	21 59	2 43	22 42	0 11	22 12	0 50	21 28	0 6	22 17	1 2	14 12	9 0	23 21	23 21	24 16	18 12	4 35
M 7	22 33	24 10	2 8	16 28	2 28	24 27	1 8	22 2	2 46	22 41	0 11	22 12	0 50	21 29	0 6	22 17	1 2	14 12	9 0	23 21	23 21	24 16	18 13	4 35
T 8	22 40	22 27	3 18	16 46	2 23	24 25	1 10	22 5	2 49	22 39	0 11	22 12	0 49	21 30	0 6	22 17	1 2	14 12	9 0	23 21	23 21	24 16	18 13	4 35
W 9	22 46	19 17	4 14	17 4	2 18	24 23	1 12	22 9	2 52	22 38	0 11	22 13	0 49	21 30	0 6	22 17	1 2	14 12	9 0	23 21	23 21	24 16	18 14	4 36
T 10	22 52	15 3	4 53	17 24	2 13	24 20	1 14	22 12	2 55	22 37	0 11	22 13	0 49	21 31	0 6	22 16	1 2	14 12	9 0	23 21	23 21	24 16	18 14	4 36
F 11	22 57	10 8	5 14	17 45	2 6	24 16	1 16	22 16	2 57	22 35	0 11	22 14	0 49	21 31	0 6	22 16	1 2	14 12	9 0	23 21	23 21	24 16	18 15	4 36
S 12	23 2	4 51	5 17	18 7	2 0	24 12	1 18	22 20	3 0	22 33	0 11	22 14	0 49	21 32	0 6	22 16	1 2	14 12	9 0	23 21	23 21	24 16	18 15	4 36
S 13	23 6	0s30	5 3	18 29	1 53	24 7	1 19	22 24	3 3	22 32	0 11	22 14	0 49	21 33	0 6	22 16	1 2	14 12	9 0	23 21	23 21	24 17	18 16	4 36
M14	23 10	5 44	4 34	18 51	1 46	24 1	1 21	22 29	3 6	22 30	0 11	22 15	0 49	21 33	0 6	22 16	1 2	14 12	9 0	23 21	23 21	24 17	18 16	4 36
T 15	23 14	10 38	3 53	19 13	1 39	23 54	1 23	22 33	3 9	22 29	0 11	22 15	0 49	21 34	0 6	22 16	1 2	14 12	9 0	23 21	23 21	24 17	18 17	4 37
W16	23 17	15 1	3 1	19 35	1 32	23 47	1 24	22 38	3 11	22 27	0 12	22 16	0 49	21 34	0 6	22 16	1 2	14 12	9 0	23 21	23 20	24 17	18 17	4 37
T 17	23 19	18 44	2 2	19 56	1 24	23 38	1 26	22 43	3 14	22 25	0 12	22 16	0 49	21 35	0 6	22 16	1 2	14 12	9 0	23 21	23 20	24 17	18 17	4 37
F 18	23 21	21 36	0 58	20 18	1 16	23 29	1 27	22 48	3 17	22 24	0 12	22 16	0 49	21 35	0 6	22 16	1 2	14 12	9 0	23 21	23 20	24 17	18 18	4 37
S 19	23 23	23 30	0s 8	20 38	1 9	23 20	1 29	22 53	3 20	22 22	0 12	22 17	0 49	21 36	0 6	22 16	1 2	14 12	9 0	23 21	23 20	24 17	18 18	4 37
S 20	23 24	24 21	1 13	20 59	1 1	23 10	1 30	22 59	3 23	22 20	0 12	22 17	0 49	21 37	0 6	22 16	1 2	14 12	9 0	23 21	23 20	24 17	18 19	4 38
M21	23 25	24 5	2 15	21 18	0 53	22 59	1 31	23 4	3 25	22 18	0 12	22 18	0 49	21 37	0 6	22 16	1 2	14 12	9 0	23 21	23 20	24 17	18 19	4 38
T 22	23 25	22 44	3 11	21 37	0 45	22 47	1 32	23 10	3 28	22 17	0 12	22 18	0 48	21 38	0 6	22 16	1 2	14 12	9 0	23 21	23 20	24 17	18 19	4 38
W23	23 25	20 23	3 59	21 55	0 38	22 35	1 34	23 16	3 31	22 15	0 12	22 19	0 48	21 38	0 6	22 15	1 2	14 12	8 59	23 21	23 20	24 17	18 20	4 38
T 24	23 24	17 10	4 37	22 12	0 30	22 22	1 35	23 22	3 33	22 13	0 12	22 19	0 48	21 39	0 6	22 15	1 2	14 12	8 59	23 20	23 19	24 17	18 20	4 39
F 25	23 23	13 12	5 3	22 28	0 22	22 8	1 36	23 28	3 36	22 11	0 12	22 19	0 48	21 39	0 6	22 15	1 2	14 12	8 59	23 20	23 19	24 17	18 20	4 39
S 26	23 21	8 38	5 16	22 43	0 15	21 54	1 37	23 34	3 38	22 9	0 12	22 20	0 48	21 40	0 6	22 15	1 2	14 12	8 59	23 20	23 19	24 17	18 21	4 39
S 27	23 19	3 37	5 15	22 58	0 8	21 39	1 38	23 40	3 41	22 7	0 12	22 20	0 48	21 40	0 6	22 15	1 2	14 12	8 59	23 20	23 19	24 17	18 21	4 39
M28	23 17	1n42	4 57	23 11	0 0	21 23	1 38	23 46	3 43	22 5	0 13	22 21	0 48	21 41	0 6	22 15	1 2	14 12	8 59	23 20	23 19	24 17	18 21	4 40
T 29	23 14	7 6	4 24	23 23	0s 7	21 7	1 39	23 53	3 45	22 3	0 13	22 21	0 48	21 41	0 5	22 15	1 2	14 12	8 59	23 20	23 19	24 17	18 21	4 40
W30	23 10	12 21	3 34	23 34	0 14	20 50	1 40	23 59	3 48	22 1	0 13	22 22	0 48	21 42	0 5	22 15	1 2	14 12	8 59	23 20	23 19	24 17	18 22	4 40
T 31	23s 6	17n 7	2s30	23s44	0s21	20s33	1s41	24n 5	3n50	21s59	0s13	22n22	0s48	21s43	0n 5	22s15	1n 2	14n12	8s59	23n21	23n19	24s17	18s22	4n41

Julian Day Number = 2506665.5, Delta T = 122.29 sec
Ecliptic obliquity = 23°25'11, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°50'57, Lahiri = 25°57'57

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2151
geocentric

JANUARY 2151 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 41 33	10♑12'41	12♊ 0	28♐ 6	6♒35	28°R40	21♑16	8°R16	9♐10	6♑12	21°R49	25♊29	24♊34	17♑19	19♐54	F 1
S 2	6 45 30	11°13'48	27° 0	29°37	7°50	28♋19	21°30	8♋11	9°13	6°14	21♊48	25°R29	24°31	17°25	20° 1	S 2
S 3	6 49 26	12°14'56	12♋13	1♑ 9	9° 4	27°57	21°44	8° 6	9°17	6°16	21°47	25°28	24°28	17°32	20° 8	S 3
M 4	6 53 23	13°16'04	27°28	2°41	10°19	27°35	21°58	8° 1	9°20	6°19	21°46	25°27	24°24	17°39	20°15	M 4
T 5	6 57 19	14°17'12	12♌37	4°14	11°34	27°13	22°12	7°57	9°23	6°21	21°45	25°25	24°21	17°45	20°22	T 5
W 6	7 1 16	15°18'20	27°29	5°47	12°48	26°50	22°26	7°52	9°26	6°23	21°44	25°22	24°18	17°52	20°28	W 6
T 7	7 5 12	16°19'28	11♍58	7°20	14° 2	26°27	22°40	7°47	9°29	6°26	21°43	25°19	24°15	17°59	20°35	T 7
F 8	7 9 9	17°20'36	26° 0	8°54	15°17	26° 4	22°54	7°42	9°33	6°28	21°42	25°17	24°12	18° 5	20°42	F 8
S 9	7 13 5	18°21'45	9♎34	10°28	16°31	25°40	23° 8	7°37	9°36	6°30	21°41	25°16	24° 8	18°12	20°49	S 9
S 10	7 17 2	19°22'53	22°41	12° 2	17°46	25°17	23°22	7°32	9°39	6°32	21°40	25°D16	24° 5	18°19	20°55	S 10
M11	7 20 59	20°24'02	5♏25	13°37	19° 0	24°53	23°36	7°27	9°42	6°34	21°39	25°16	24° 2	18°25	21° 2	M11
T 12	7 24 55	21°25'12	17°50	15°12	20°14	24°29	23°50	7°23	9°45	6°37	21°38	25°18	23°59	18°32	21° 8	T 12
W13	7 28 52	22°26'21	29°59	16°47	21°29	24° 5	24° 4	7°18	9°48	6°39	21°37	25°20	23°56	18°39	21°15	W13
T 14	7 32 48	23°27'30	11♐59	18°23	22°43	23°41	24°18	7°13	9°51	6°41	21°36	25°21	23°53	18°45	21°21	T 14
F 15	7 36 45	24°28'39	23°51	20° 0	23°57	23°17	24°32	7° 9	9°54	6°43	21°35	25°R22	23°49	18°52	21°28	F 15
S 16	7 40 41	25°29'48	5♑39	21°37	25°11	22°53	24°46	7° 4	9°57	6°45	21°34	25°21	23°46	18°59	21°34	S 16
S 17	7 44 38	26°30'56	17°26	23°14	26°26	22°29	25° 0	6°59	9°59	6°48	21°33	25°19	23°43	19° 5	21°41	S 17
M18	7 48 34	27°32'05	29°15	24°52	27°40	22° 6	25°14	6°55	10° 2	6°50	21°32	25°15	23°40	19°12	21°47	M18
T 19	7 52 31	28°33'12	11♒ 7	26°30	28°54	21°42	25°28	6°51	10° 5	6°52	21°31	25°10	23°37	19°19	21°53	T 19
W20	7 56 28	29°34'20	23° 4	28° 9	0♓ 8	21°19	25°42	6°46	10° 8	6°54	21°30	25° 4	23°34	19°25	21°59	W20
T 21	8 0 24	0♒35'26	5♓ 7	29°49	1°22	20°57	25°56	6°42	10°10	6°56	21°29	24°57	23°30	19°32	22° 6	T 21
F 22	8 4 21	1°36'32	17°19	1♒29	2°36	20°34	26°10	6°38	10°13	6°58	21°29	24°50	23°27	19°39	22°12	F 22
S 23	8 8 17	2°37'37	29°42	3° 9	3°50	20°13	26°24	6°33	10°16	7° 0	21°28	24°45	23°24	19°45	22°18	S 23
S 24	8 12 14	3°38'41	12♈19	4°50	5° 4	19°51	26°38	6°29	10°18	7° 3	21°27	24°41	23°21	19°52	22°24	S 24
M25	8 16 10	4°39'44	25°12	6°32	6°18	19°30	26°52	6°25	10°21	7° 5	21°26	24°38	23°18	19°59	22°30	M25
T 26	8 20 7	5°40'46	8♉24	8°14	7°32	19°10	27° 6	6°21	10°23	7° 7	21°25	24°D38	23°14	20° 5	22°36	T 26
W27	8 24 3	6°41'47	21°58	9°57	8°45	18°50	27°20	6°17	10°26	7° 9	21°24	24°39	23°11	20°12	22°42	W27
T 28	8 28 0	7°42'48	5♊57	11°40	9°59	18°31	27°34	6°13	10°28	7°11	21°24	24°40	23° 8	20°19	22°47	T 28
F 29	8 31 57	8°43'47	20°20	13°24	11°13	18°13	27°48	6° 9	10°31	7°13	21°23	24°R41	23° 5	20°25	22°53	F 29
S 30	8 35 53	9°44'45	5♋ 5	15° 8	12°26	17°55	28° 2	6° 6	10°33	7°15	21°22	24°41	23° 2	20°32	22°59	S 30
S 31	8 39 50	10♒45'42	20♋ 8	16♒53	13♓40	17♋38	28♑16	6♋ 2	10♐35	7♑17	21♊22	24♊38	22♊59	20♑39	23♐ 4	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s 2	20n59	1s14	23s52	0s28	20s14	1s41	24n12	3n52	21s57	0s13	22n22	0s47	21s43	0n 5	22s15	1n 2	14n12	8s59	23n21	23n18	24s17	18s22	4n41
S 2	22 57	23 32	0n 8	24 0	0 35	19 56	1 42	24 18	3 54	21 55	0 13	22 23	0 47	21 44	0 5	22 14	1 2	14 12	8 59	23 21	23 18	24 17	18 22	4 41
S 3	22 51	24 23	1 31	24 6	0 41	19 37	1 42	24 25	3 56	21 53	0 13	22 23	0 47	21 44	0 5	22 14	1 2	14 12	8 58	23 21	23 18	24 17	18 22	4 41
M 4	22 46	23 24	2 48	24 11	0 47	19 17	1 42	24 31	3 58	21 51	0 13	22 24	0 47	21 45	0 5	22 14	1 2	14 13	8 58	23 20	23 18	24 16	18 23	4 42
T 5	22 39	20 43	3 52	24 15	0 54	18 57	1 43	24 37	4 0	21 49	0 13	22 24	0 47	21 45	0 5	22 14	1 2	14 13	8 58	23 20	23 18	24 16	18 23	4 42
W 6	22 33	16 42	4 39	24 17	1 0	18 36	1 43	24 43	4 2	21 46	0 13	22 24	0 47	21 46	0 5	22 14	1 2	14 13	8 58	23 20	23 18	24 16	18 23	4 42
T 7	22 25	11 48	5 7	24 18	1 5	18 15	1 43	24 49	4 3	21 44	0 13	22 25	0 47	21 46	0 5	22 14	1 2	14 13	8 58	23 20	23 18	24 16	18 23	4 43
F 8	22 18	6 25	5 16	24 18	1 11	17 53	1 43	24 55	4 5	21 42	0 14	22 25	0 47	21 46	0 5	22 14	1 2	14 13	8 58	23 20	23 18	24 16	18 23	4 43
S 9	22 10	0 54	5 6	24 17	1 16	17 30	1 43	25 1	4 6	21 40	0 14	22 26	0 47	21 47	0 5	22 14	1 2	14 13	8 58	23 20	23 17	24 16	18 23	4 43
S 10	22 1	4s29	4 40	24 14	1 22	17 8	1 43	25 7	4 7	21 37	0 14	22 26	0 46	21 47	0 5	22 14	1 2	14 13	8 58	23 20	23 17	24 16	18 23	4 44
M11	21 52	9 31	4 1	24 9	1 26	16 44	1 42	25 13	4 9	21 35	0 14	22 26	0 46	21 48	0 5	22 14	1 2	14 13	8 57	23 20	23 17	24 16	18 23	4 44
T 12	21 43	14 3	3 12	24 4	1 31	16 21	1 42	25 18	4 10	21 33	0 14	22 27	0 46	21 48	0 5	22 13	1 2	14 13	8 57	23 20	23 17	24 16	18 23	4 45
W13	21 33	17 56	2 15	23 57	1 36	15 56	1 42	25 24	4 11	21 31	0 14	22 27	0 46	21 49	0 5	22 13	1 2	14 13	8 57	23 20	23 17	24 16	18 24	4 45
T 14	21 23	21 0	1 13	23 48	1 40	15 32	1 41	25 29	4 12	21 28	0 14	22 28	0 46	21 49	0 5	22 13	1 2	14 13	8 57	23 20	23 17	24 15	18 24	4 45
F 15	21 12	23 8	0 8	23 38	1 44	15 7	1 41	25 34	4 13	21 26	0 14	22 28	0 46	21 50	0 5	22 13	1 2	14 13	8 57	23 20	23 17	24 15	18 24	4 46
S 16	21 1	24 14	0s56	23 27	1 47	14 41	1 40	25 38	4 13	21 23	0 14	22 28	0 46	21 50	0 5	22 13	1 2	14 13	8 57	23 20	23 16	24 15	18 24	4 46
S 17	20 50	24 14	1 58	23 14	1 51	14 15	1 40	25 43	4 14	21 21	0 14	22 29	0 46	21 50	0 5	22 13	1 2	14 14	8 57	23 20	23 16	24 15	18 24	4 47
M18	20 38	23 8	2 55	23 0	1 54	13 49	1 39	25 47	4 14	21 18	0 14	22 29	0 45	21 51	0 5	22 13	1 2	14 14	8 56	23 20	23 16	24 15	18 24	4 47
T 19	20 26	21 1	3 44	22 44	1 56	13 23	1 38	25 52	4 15	21 16	0 15	22 29	0 45	21 51	0 5	22 13	1 2	14 14	8 56	23 20	23 16	24 15	18 23	4 47
W20	20 13	17 58	4 24	22 27	1 59	12 56	1 37	25 56	4 15	21 14	0 15	22 30	0 45	21 52	0 5	22 13	1 2	14 14	8 56	23 20	23 16	24 14	18 23	4 48
T 21	20 0	14 9	4 53	22 9	2 1	12 29	1 36	25 59	4 15	21 11	0 15	22 30	0 45	21 52	0 5	22 12	1 2	14 14	8 56	23 19	23 16	24 14	18 23	4 48
F 22	19 47	9 44	5 8	21 48	2 3	12 1	1 35	26 3	4 15	21 8	0 15	22 31	0 45	21 53	0 5	22 12	1 2	14 14	8 56	23 19	23 15	24 14	18 23	4 49
S 23	19 33	4 51	5 10	21 27	2 4	11 33	1 34	26 6	4 15	21 6	0 15	22 31	0 45	21 53	0 5	22 12	1 2	14 14	8 56	23 19	23 15	24 14	18 23	4 49
S 24	19 19	0n19	4 56	21 4	2 5	11 5	1 33	26 9	4 15	21 3	0 15	22 31	0 45	21 53	0 5	22 12	1 2	14 14	8 55	23 19	23 15	24 14	18 23	4 49
M25	19 5	5 35	4 28	20 39	2 5	10 37	1 31	26 12	4 15	21 1	0 15	22 32	0 44	21 54	0 5	22 12	1 2	14 14	8 55	23 19	23 15	24 13	18 23	4 50
T 26	18 50	10 44	3 45	20 13	2 6	10 8	1 30	26 15	4 14	20 58	0 15	22 32	0 44	21 54	0 5	22 12	1 2	14 15	8 55	23 19	23 15	24 13	18 23	4 50
W27	18 35	15 32	2 48	19 45	2 5	9 39	1 28	26 17	4 14	20 56	0 15	22 32	0 44	21 54	0 5	22 12	1 2	14 15	8 55	23 19	23 15	24 13	18 23	4 51
T 28	18 20	19 39	1 40	19 16	2 4	9 10	1 27	26 19	4 13	20 53	0 15	22 33	0 44	21 55	0 5	22 12	1 2	14 15	8 55	23 19	23 15	24 13	18 23	4 51
F 29	18 4	22 41	0 24	18 45	2 3	8 40	1 25	26 21	4 13	20 50	0 16	22 33	0 44	21 55	0 5	22 12	1 2	14 15	8 54	23 19	23 14	24 13	18 22	4 52
S 30	17 48	24 15	0n56	18 13	2 2	8 10	1 24	26 23	4 12	20 48	0 16	22 33	0 44	21 55	0 5	22 11	1 2	14 15	8 54	23 19	23 14	24 12	18 22	4 52
S 31	17s31	24n 6	2n13	17s40	1s59	7s41	1s22	26n25	4n11	20s45	0s16	22n34	0s43	21s56	0n 5	22s11	1n 2	14n15	8s54	23n19	23n14	24s12	18s22	4n53

Julian Day Number = 2506696.5, Delta T = 122.35 sec
Ecliptic obliquity = 23°25'11, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°51'01, Lahiri = 25°58'01

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2151
geocentric

FEBRUARY 2151 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 43 46	11♒46'38	5♌20	18♒38	14♓53	17°R21	28♑30	5°R59	10♐37	7♑19	21°R21	24°R34	22♊55	20♑45	23♐10	M 1
T 2	8 47 43	12°47'33	20°32	20°23	16° 7	17♋ 5	28°44	5♋55	10°40	7°21	21♊20	24♊27	22°52	20°52	23°15	T 2
W 3	8 51 39	13°48'27	5♍32	22° 9	17°20	16°50	28°58	5°52	10°42	7°23	21°20	24°19	22°49	20°59	23°21	W 3
T 4	8 55 36	14°49'20	20°13	23°55	18°34	16°36	29°12	5°48	10°44	7°24	21°19	24°11	22°46	21° 5	23°26	T 4
F 5	8 59 33	15°50'12	4♎27	25°41	19°47	16°22	29°25	5°45	10°46	7°26	21°18	24° 4	22°43	21°12	23°31	F 5
S 6	9 3 29	16°51'03	18°12	27°27	21° 0	16°10	29°39	5°42	10°48	7°28	21°18	23°58	22°40	21°19	23°37	S 6
S 7	9 7 26	17°51'54	1♏27	29°12	22°13	15°58	29°53	5°39	10°50	7°30	21°17	23°54	22°36	21°25	23°42	S 7
M 8	9 11 22	18°52'44	14°15	0♓57	23°26	15°46	0♒ 7	5°36	10°52	7°32	21°16	23°D53	22°33	21°32	23°47	M 8
T 9	9 15 19	19°53'32	26°41	2°42	24°39	15°36	0°20	5°33	10°54	7°34	21°16	23°53	22°30	21°39	23°52	T 9
W10	9 19 15	20°54'20	8♐49	4°25	25°52	15°26	0°34	5°31	10°56	7°35	21°15	23°54	22°27	21°45	23°57	W10
T 11	9 23 12	21°55'07	20°45	6° 7	27° 5	15°17	0°48	5°28	10°57	7°37	21°15	23°R55	22°24	21°52	24° 2	T 11
F 12	9 27 8	22°55'53	2♑33	7°48	28°18	15° 9	1° 1	5°25	10°59	7°39	21°14	23°54	22°20	21°59	24° 7	F 12
S 13	9 31 5	23°56'38	14°20	9°26	29°31	15° 2	1°15	5°23	11° 1	7°41	21°14	23°52	22°17	22° 5	24°11	S 13
S 14	9 35 2	24°57'22	26° 7	11° 1	0♈44	14°56	1°28	5°21	11° 3	7°42	21°14	23°47	22°14	22°12	24°16	S 14
M15	9 38 58	25°58'04	7♒59	12°34	1°56	14°50	1°42	5°18	11° 4	7°44	21°13	23°39	22°11	22°19	24°21	M15
T 16	9 42 55	26°58'46	19°58	14° 2	3° 9	14°45	1°55	5°16	11° 6	7°46	21°13	23°29	22° 8	22°25	24°25	T 16
W17	9 46 51	27°59'25	2♓ 5	15°27	4°21	14°41	2° 9	5°14	11° 7	7°47	21°12	23°17	22° 5	22°32	24°30	W17
T 18	9 50 48	29° 0'04	14°21	16°46	5°34	14°38	2°22	5°12	11° 9	7°49	21°12	23° 4	22° 1	22°39	24°34	T 18
F 19	9 54 44	0♓ 0'40	26°47	17°59	6°46	14°35	2°35	5°10	11°10	7°51	21°12	22°52	21°58	22°45	24°38	F 19
S 20	9 58 41	1° 1'15	9♈23	19° 6	7°58	14°34	2°49	5° 9	11°11	7°52	21°11	22°41	21°55	22°52	24°43	S 20
S 21	10 2 37	2° 1'49	22°11	20° 6	9°11	14°33	3° 2	5° 7	11°13	7°54	21°11	22°32	21°52	22°59	24°47	S 21
M22	10 6 34	3° 2'21	5♉11	20°58	10°23	14°D33	3°15	5° 6	11°14	7°55	21°11	22°26	21°49	23° 5	24°51	M22
T 23	10 10 30	4° 2'51	18°25	21°42	11°35	14°33	3°28	5° 4	11°15	7°57	21°10	22°23	21°46	23°12	24°55	T 23
W24	10 14 27	5° 3'19	1♊55	22°17	12°47	14°35	3°41	5° 3	11°16	7°58	21°10	22°D22	21°42	23°19	24°59	W24
T 25	10 18 24	6° 3'45	15°43	22°42	13°58	14°37	3°54	5° 2	11°17	7°59	21°10	22°R22	21°39	23°25	25° 2	T 25
F 26	10 22 20	7° 4'09	29°49	22°57	15°10	14°39	4° 7	5° 1	11°18	8° 1	21°10	22°22	21°36	23°32	25° 6	F 26
S 27	10 26 17	8° 4'32	14♋14	23°R 3	16°22	14°43	4°20	5° 0	11°19	8° 2	21°10	22°21	21°33	23°39	25°10	S 27
S 28	10 30 13	9♓ 4'52	28♋55	22♓59	17♈33	14♋47	4♒33	4♋59	11♐20	8♑ 4	21♊10	22♊17	21♊30	23♑45	25♐13	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17s15	22n11	3n22	17s 5	1s57	7s10	1s20	26n26	4n10	20s42	0s16	22n34	0s43	21s56	0n 5	22s11	1n 2	14n15	8s54	23n19	23n14	24s12	18s22	4n53
T 2	16 57	18 40	4 16	16 28	1 53	6 40	1 18	26 27	4 9	20 39	0 16	22 34	0 43	21 56	0 5	22 11	1 2	14 16	8 54	23 18	23 14	24 12	18 22	4 54
W 3	16 40	13 59	4 51	15 50	1 49	6 10	1 16	26 28	4 8	20 37	0 16	22 34	0 43	21 57	0 5	22 11	1 2	14 16	8 53	23 18	23 14	24 11	18 21	4 54
T 4	16 22	8 34	5 6	15 11	1 45	5 39	1 14	26 29	4 7	20 34	0 16	22 35	0 43	21 57	0 5	22 11	1 2	14 16	8 53	23 18	23 13	24 11	18 21	4 55
F 5	16 5	2 51	5 2	14 31	1 40	5 9	1 12	26 29	4 6	20 31	0 16	22 35	0 43	21 57	0 5	22 11	1 2	14 16	8 53	23 17	23 13	24 11	18 21	4 55
S 6	15 46	2s48	4 40	13 49	1 34	4 38	1 9	26 30	4 5	20 28	0 16	22 35	0 43	21 58	0 5	22 11	1 2	14 16	8 53	23 17	23 13	24 11	18 21	4 56
S 7	15 28	8 9	4 4	13 6	1 27	4 7	1 7	26 30	4 4	20 26	0 16	22 36	0 42	21 58	0 5	22 10	1 2	14 16	8 53	23 17	23 13	24 10	18 20	4 56
M 8	15 9	12 58	3 17	12 23	1 20	3 36	1 5	26 30	4 3	20 23	0 17	22 36	0 42	21 58	0 5	22 10	1 2	14 17	8 52	23 17	23 13	24 10	18 20	4 57
T 9	14 50	17 7	2 21	11 38	1 12	3 4	1 2	26 30	4 1	20 20	0 17	22 36	0 42	21 58	0 5	22 10	1 2	14 17	8 52	23 17	23 12	24 10	18 20	4 57
W10	14 31	20 26	1 20	10 52	1 4	2 33	1 0	26 30	4 0	20 17	0 17	22 36	0 42	21 59	0 5	22 10	1 2	14 17	8 52	23 17	23 12	24 9	18 19	4 58
T 11	14 11	22 49	0 17	10 6	0 55	2 2	0 57	26 29	3 58	20 14	0 17	22 37	0 42	21 59	0 5	22 10	1 2	14 17	8 52	23 17	23 12	24 9	18 19	4 58
F 12	13 52	24 10	0s46	9 20	0 45	1 31	0 55	26 29	3 57	20 11	0 17	22 37	0 42	21 59	0 5	22 10	1 2	14 17	8 52	23 17	23 12	24 9	18 19	4 59
S 13	13 32	24 25	1 47	8 33	0 34	0 59	0 52	26 28	3 55	20 9	0 17	22 37	0 41	21 59	0 5	22 10	1 2	14 18	8 51	23 17	23 12	24 8	18 18	5 0
S 14	13 12	23 35	2 43	7 46	0 22	0 28	0 49	26 27	3 54	20 6	0 17	22 38	0 41	22 0	0 5	22 10	1 2	14 18	8 51	23 16	23 12	24 8	18 18	5 0
M15	12 51	21 41	3 33	7 0	0 10	0n 4	0 46	26 27	3 52	20 3	0 17	22 38	0 41	22 0	0 5	22 10	1 2	14 18	8 51	23 16	23 11	24 8	18 18	5 1
T 16	12 31	18 49	4 13	6 14	0n 3	0 35	0 43	26 26	3 51	20 0	0 17	22 38	0 41	22 0	0 5	22 9	1 2	14 18	8 51	23 16	23 11	24 7	18 17	5 1
W17	12 10	15 7	4 42	5 29	0 16	1 7	0 40	26 24	3 49	19 57	0 18	22 38	0 41	22 0	0 5	22 9	1 2	14 18	8 50	23 15	23 11	24 7	18 17	5 2
T 18	11 49	10 45	4 59	4 45	0 30	1 38	0 37	26 23	3 47	19 54	0 18	22 39	0 41	22 1	0 5	22 9	1 2	14 19	8 50	23 14	23 11	24 7	18 16	5 2
F 19	11 28	5 53	5 2	4 3	0 45	2 10	0 34	26 22	3 46	19 51	0 18	22 39	0 40	22 1	0 5	22 9	1 2	14 19	8 50	23 14	23 11	24 6	18 16	5 3
S 20	11 6	0 43	4 50	3 24	1 0	2 41	0 31	26 20	3 44	19 48	0 18	22 39	0 40	22 1	0 5	22 9	1 2	14 19	8 50	23 13	23 10	24 6	18 16	5 4
S 21	10 45	4n33	4 23	2 46	1 15	3 12	0 28	26 19	3 42	19 45	0 18	22 39	0 40	22 1	0 5	22 9	1 2	14 19	8 50	23 13	23 10	24 5	18 15	5 4
M22	10 23	9 44	3 43	2 11	1 30	3 44	0 25	26 17	3 41	19 43	0 18	22 39	0 40	22 1	0 5	22 9	1 2	14 19	8 49	23 12	23 10	24 5	18 15	5 5
T 23	10 1	14 34	2 50	1 40	1 46	4 15	0 21	26 15	3 39	19 40	0 18	22 40	0 40	22 1	0 5	22 9	1 2	14 20	8 49	23 12	23 10	24 5	18 14	5 5
W24	9 39	18 48	1 46	1 12	2 1	4 46	0 18	26 13	3 37	19 37	0 18	22 40	0 40	22 2	0 5	22 9	1 2	14 20	8 49	23 12	23 10	24 4	18 14	5 6
T 25	9 17	22 4	0 35	0 49	2 16	5 17	0 14	26 12	3 36	19 34	0 19	22 40	0 39	22 2	0 5	22 8	1 2	14 20	8 49	23 12	23 9	24 4	18 13	5 7
F 26	8 55	24 5	0n39	0 29	2 30	5 48	0 11	26 9	3 34	19 31	0 19	22 40	0 39	22 2	0 5	22 8	1 2	14 20	8 48	23 12	23 9	24 3	18 13	5 7
S 27	8 32	24 32	1 53	0 15	2 44	6 19	0 8	26 7	3 32	19 28	0 19	22 41	0 39	22 2	0 5	22 8	1 2	14 20	8 48	23 12	23 9	24 3	18 12	5 8
S 28	8s10	23n18	3n 1	0s 5	2n57	6n49	0s 4	26n 5	3n30	19s25	0s19	22n41	0s39	22s 2	0n 5	22s 8	1n 2	14n21	8s48	23n12	23n 9	24s 3	18s12	5n 8

Julian Day Number = 2506727.5, Delta T = 122.41 sec
Ecliptic obliquity = 23°25'12, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°51'05, Lahiri = 25°58'06

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2151
geocentric

MARCH 2151 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 34 10	10♓ 5'11	13♌46	22°R45	18♈45	14♋52	4♒46	4°R58	11♐21	8♑ 5	21°R 9	22°R10	21♊26	23♑52	25♐17	M 1
T 2	10 38 6	11° 5'28	28°41	22♓21	19°56	14°57	4°58	4♋57	11°22	8° 6	21♊ 9	22♊ 0	21°23	23°59	25°20	T 2
W 3	10 42 3	12° 5'42	13♍31	21°49	21° 7	15° 4	5°11	4°57	11°23	8° 7	21° 9	21°49	21°20	24° 5	25°23	W 3
T 4	10 45 59	13° 5'55	28° 7	21° 9	22°18	15°10	5°23	4°57	11°23	8° 9	21° 9	21°37	21°17	24°12	25°27	T 4
F 5	10 49 56	14° 6'07	12♎21	20°22	23°29	15°18	5°36	4°56	11°24	8°10	21° 9	21°26	21°14	24°19	25°30	F 5
S 6	10 53 53	15° 6'16	26° 9	19°29	24°40	15°26	5°48	4°56	11°25	8°11	21°D 9	21°16	21°11	24°25	25°33	S 6
S 7	10 57 49	16° 6'24	9♏29	18°32	25°51	15°35	6° 1	4°D56	11°25	8°12	21° 9	21°10	21° 7	24°32	25°36	S 7
M 8	11 1 46	17° 6'31	22°23	17°32	27° 1	15°44	6°13	4°56	11°26	8°13	21° 9	21° 6	21° 4	24°39	25°39	M 8
T 9	11 5 42	18° 6'36	4♐53	16°31	28°12	15°54	6°25	4°56	11°26	8°14	21° 9	21° 4	21° 1	24°45	25°41	T 9
W10	11 9 39	19° 6'39	17° 4	15°30	29°22	16° 4	6°38	4°57	11°26	8°15	21° 9	21° 3	20°58	24°52	25°44	W10
T 11	11 13 35	20° 6'41	29° 1	14°30	0♉33	16°15	6°50	4°57	11°27	8°16	21° 9	21° 3	20°55	24°59	25°47	T 11
F 12	11 17 32	21° 6'41	10♑51	13°33	1°43	16°27	7° 2	4°57	11°27	8°17	21°10	21° 2	20°51	25° 5	25°49	F 12
S 13	11 21 28	22° 6'40	22°39	12°39	2°53	16°39	7°14	4°58	11°27	8°18	21°10	21° 0	20°48	25°12	25°51	S 13
S 14	11 25 25	23° 6'37	4♒28	11°50	4° 3	16°51	7°26	4°59	11°27	8°19	21°10	20°54	20°45	25°19	25°54	S 14
M15	11 29 22	24° 6'32	16°24	11° 6	5°12	17° 4	7°37	5° 0	11°28	8°20	21°10	20°46	20°42	25°25	25°56	M15
T 16	11 33 18	25° 6'26	28°30	10°29	6°22	17°18	7°49	5° 1	11°28	8°21	21°10	20°35	20°39	25°32	25°58	T 16
W17	11 37 15	26° 6'17	10♓48	9°57	7°31	17°32	8° 1	5° 2	11°R28	8°22	21°11	20°22	20°36	25°39	26° 0	W17
T 18	11 41 11	27° 6'07	23°18	9°32	8°41	17°46	8°12	5° 3	11°28	8°22	21°11	20° 8	20°32	25°45	26° 2	T 18
F 19	11 45 8	28° 5'54	6♈ 2	9°13	9°50	18° 2	8°24	5° 4	11°27	8°23	21°11	19°54	20°29	25°52	26° 4	F 19
S 20	11 49 4	29° 5'40	18°58	9° 0	10°59	18°17	8°35	5° 6	11°27	8°24	21°11	19°42	20°26	25°59	26° 5	S 20
S 21	11 53 1	0♈ 5'23	2♉ 6	8°54	12° 8	18°33	8°46	5° 7	11°27	8°25	21°12	19°32	20°23	26° 5	26° 7	S 21
M22	11 56 57	1° 5'05	15°24	8°D54	13°17	18°49	8°58	5° 9	11°27	8°25	21°12	19°26	20°20	26°12	26° 9	M22
T 23	12 0 54	2° 4'44	28°52	8°59	14°25	19° 6	9° 9	5°10	11°27	8°26	21°12	19°22	20°17	26°19	26°10	T 23
W24	12 4 51	3° 4'21	12♊31	9°11	15°34	19°24	9°20	5°12	11°26	8°27	21°13	19°21	20°13	26°25	26°11	W24
T 25	12 8 47	4° 3'56	26°21	9°27	16°42	19°41	9°31	5°14	11°26	8°27	21°13	19°D20	20°10	26°32	26°13	T 25
F 26	12 12 44	5° 3'29	10♋21	9°49	17°50	19°59	9°42	5°16	11°25	8°28	21°14	19°R20	20° 7	26°39	26°14	F 26
S 27	12 16 40	6° 2'59	24°32	10°15	18°58	20°18	9°52	5°18	11°25	8°28	21°14	19°19	20° 4	26°45	26°15	S 27
S 28	12 20 37	7° 2'27	8♌52	10°46	20° 5	20°37	10° 3	5°21	11°24	8°29	21°15	19°16	20° 1	26°52	26°16	S 28
M29	12 24 33	8° 1'52	23°19	11°22	21°13	20°56	10°13	5°23	11°24	8°29	21°15	19°10	19°57	26°59	26°17	M29
T 30	12 28 30	9° 1'15	7♍47	12° 1	22°20	21°16	10°24	5°26	11°23	8°29	21°16	19° 1	19°54	27° 5	26°17	T 30
W31	12 32 26	10♈ 0'36	22♍12	12♓44	23♉27	21♋35	10♒34	5♋28	11♐22	8♑30	21♊16	18♊51	19♊51	27♑12	26♐18	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	7s47	20n27	3n57	0n 0	3n 8	7n20	0s 0	26n 3	3n29	19s22	0s19	22n41	0s39	22s 2	0n 5	22s 8	1n 3	14n21	8s48	23n11	23n 9	24s 2	18s11	5n 9
T 2	7 24	16 14	4 37	0 0	3 18	7 50	0n 3	26 1	3 27	19 19	0 19	22 41	0 39	22 2	0 5	22 8	1 3	14 21	8 47	23 11	23 8	24 2	18 11	5 10
W 3	7 1	11 3	4 58	0s 5	3 27	8 20	0 7	25 58	3 25	19 16	0 19	22 41	0 38	22 3	0 5	22 8	1 3	14 21	8 47	23 10	23 8	24 1	18 10	5 10
T 4	6 38	5 19	4 59	0 14	3 33	8 50	0 11	25 56	3 24	19 13	0 19	22 41	0 38	22 3	0 5	22 8	1 3	14 22	8 47	23 9	23 8	24 1	18 10	5 11
F 5	6 15	0s34	4 41	0 28	3 38	9 20	0 14	25 53	3 22	19 10	0 20	22 42	0 38	22 3	0 5	22 8	1 3	14 22	8 47	23 9	23 8	24 0	18 9	5 12
S 6	5 52	6 15	4 7	0 47	3 41	9 50	0 18	25 50	3 20	19 7	0 20	22 42	0 38	22 3	0 5	22 8	1 3	14 22	8 47	23 8	23 8	24 0	18 9	5 12
S 7	5 29	11 28	3 21	1 8	3 41	10 19	0 22	25 48	3 18	19 4	0 20	22 42	0 38	22 3	0 5	22 7	1 3	14 22	8 46	23 8	23 7	23 59	18 8	5 13
M 8	5 5	16 0	2 26	1 33	3 39	10 48	0 26	25 45	3 17	19 1	0 20	22 42	0 38	22 3	0 5	22 7	1 3	14 23	8 46	23 7	23 7	23 59	18 7	5 14
T 9	4 42	19 42	1 25	2 0	3 35	11 17	0 30	25 42	3 15	18 59	0 20	22 42	0 37	22 3	0 5	22 7	1 3	14 23	8 46	23 7	23 7	23 58	18 7	5 14
W10	4 18	22 26	0 21	2 29	3 30	11 46	0 34	25 39	3 13	18 56	0 20	22 42	0 37	22 3	0 5	22 7	1 3	14 23	8 46	23 7	23 7	23 58	18 6	5 15
T 11	3 55	24 7	0s42	2 59	3 22	12 14	0 38	25 36	3 12	18 53	0 20	22 43	0 37	22 3	0 5	22 7	1 3	14 23	8 45	23 7	23 7	23 57	18 6	5 16
F 12	3 31	24 41	1 43	3 30	3 13	12 42	0 41	25 33	3 10	18 50	0 20	22 43	0 37	22 3	0 5	22 7	1 3	14 24	8 45	23 7	23 6	23 57	18 5	5 16
S 13	3 8	24 8	2 39	4 0	3 2	13 10	0 45	25 30	3 8	18 47	0 21	22 43	0 37	22 3	0 5	22 7	1 3	14 24	8 45	23 7	23 6	23 56	18 5	5 17
S 14	2 44	22 30	3 28	4 30	2 50	13 38	0 49	25 27	3 7	18 44	0 21	22 43	0 37	22 3	0 5	22 7	1 3	14 24	8 45	23 7	23 6	23 56	18 4	5 18
M15	2 20	19 51	4 9	4 58	2 37	14 5	0 53	25 23	3 5	18 41	0 21	22 43	0 36	22 3	0 5	22 7	1 3	14 24	8 44	23 6	23 6	23 55	18 3	5 18
T 16	1 57	16 20	4 38	5 25	2 23	14 32	0 57	25 20	3 3	18 38	0 21	22 43	0 36	22 3	0 5	22 7	1 3	14 25	8 44	23 5	23 5	23 55	18 3	5 19
W17	1 33	12 4	4 56	5 50	2 9	14 59	1 1	25 16	3 2	18 35	0 21	22 43	0 36	22 3	0 5	22 7	1 3	14 25	8 44	23 4	23 5	23 54	18 2	5 20
T 18	1 9	7 14	4 59	6 14	1 54	15 25	1 5	25 13	3 0	18 33	0 21	22 44	0 36	22 3	0 5	22 7	1 3	14 25	8 44	23 3	23 5	23 54	18 2	5 20
F 19	0 45	2 1	4 48	6 34	1 39	15 51	1 9	25 9	2 58	18 30	0 21	22 44	0 36	22 3	0 5	22 6	1 3	14 25	8 43	23 2	23 5	23 53	18 1	5 21
S 20	0 22	3n22	4 22	6 53	1 25	16 16	1 13	25 5	2 57	18 27	0 22	22 44	0 36	22 3	0 5	22 6	1 3	14 26	8 43	23 1	23 5	23 53	18 0	5 22
S 21	0n 2	8 43	3 42	7 9	1 10	16 42	1 17	25 2	2 55	18 24	0 22	22 44	0 35	22 3	0 5	22 6	1 3	14 26	8 43	23 1	23 4	23 52	18 0	5 22
M22	0 26	13 44	2 49	7 23	0 55	17 6	1 21	24 58	2 54	18 21	0 22	22 44	0 35	22 3	0 5	22 6	1 3	14 26	8 43	23 0	23 4	23 52	17 59	5 23
T 23	0 50	18 10	1 46	7 34	0 41	17 31	1 25	24 54	2 52	18 18	0 22	22 44	0 35	22 3	0 5	22 6	1 3	14 26	8 43	23 0	23 4	23 51	17 58	5 24
W24	1 13	21 41	0 36	7 43	0 27	17 55	1 29	24 50	2 50	18 16	0 22	22 44	0 35	22 3	0 5	22 6	1 3	14 27	8 42	23 0	23 4	23 50	17 58	5 24
T 25	1 37	23 59	0n37	7 49	0 13	18 18	1 33	24 46	2 49	18 13	0 22	22 44	0 35	22 3	0 5	22 6	1 3	14 27	8 42	23 0	23 3	23 50	17 57	5 25
F 26	2 0	24 50	1 49	7 53	0s 0	18 42	1 37	24 42	2 47	18 10	0 22	22 44	0 35	22 3	0 5	22 6	1 3	14 27	8 42	23 0	23 3	23 49	17 56	5 26
S 27	2 24	24 4	2 55	7 55	0 13	19 4	1 41	24 37	2 46	18 7	0 23	22 44	0 34	22 3	0 5	22 6	1 3	14 27	8 42	22 59	23 3	23 49	17 56	5 26
S 28	2 48	21 44	3 51	7 54	0 25	19 27	1 45	24 33	2 44	18 5	0 23	22 44	0 34	22 3	0 5	22 6	1 3	14 28	8 41	22 59	23 3	23 48	17 55	5 27
M29	3 11	18 1	4 32	7 52	0 37	19 48	1 49	24 29	2 43	18 2	0 23	22 45	0 34	22 3	0 5	22 6	1 3	14 28	8 41	22 59	23 2	23 47	17 54	5 28
T 30	3 34	13 13	4 56	7 47	0 48	20 10	1 53	24 24	2 41	17 59	0 23	22 45	0 34	22 3	0 5	22 6	1 3	14 28	8 41	22 58	23 2	23 47	17 54	5 28
W31	3n58	7n42	5n 2	7s41	0s59	20n31	1n57	24n19	2n40	17s57	0s23	22n45	0s34	22s 3	0n 5	22s 6	1n 3	14n28	8s41	22n57	23n 2	23s46	17s53	5n29

Julian Day Number = 2506755.5, Delta T = 122.46 sec
Ecliptic obliquity = 23°25'13, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°51'09, Lahiri = 25°58'09

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2151
geocentric

APRIL 2151 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 36 23	10♈59'55	6♎27	13♓31	24♉34	21♋56	10♒44	5♋31	11°R21	8♑30	21♊17	18°R40	19♊48	27♑19	26♐18	T 1
F 2	12 40 19	11°59'11	20°25	14°21	25°41	22°16	10°54	5°34	11♐21	8°30	21°17	18♊30	19°45	27°25	26°19	F 2
S 3	12 44 16	12°58'26	4♏ 3	15°15	26°47	22°37	11° 4	5°36	11°20	8°31	21°18	18°21	19°42	27°32	26°19	S 3
S 4	12 48 13	13°57'39	17°18	16°11	27°54	22°59	11°14	5°39	11°19	8°31	21°18	18°15	19°38	27°39	26°20	S 4
M 5	12 52 9	14°56'50	0♐11	17°10	29° 0	23°20	11°24	5°43	11°18	8°31	21°19	18°11	19°35	27°45	26°20	M 5
T 6	12 56 6	15°55'59	12°42	18°12	0♊ 6	23°42	11°34	5°46	11°17	8°31	21°20	18°D 9	19°32	27°52	26°R20	T 6
W 7	13 0 2	16°55'06	24°55	19°17	1°11	24° 4	11°43	5°49	11°16	8°31	21°20	18° 9	19°29	27°59	26°20	W 7
T 8	13 3 59	17°54'12	6♑55	20°24	2°16	24°27	11°53	5°52	11°15	8°31	21°21	18°10	19°26	28° 5	26°20	T 8
F 9	13 7 55	18°53'16	18°47	21°33	3°22	24°50	12° 2	5°56	11°14	8°31	21°22	18°R10	19°23	28°12	26°19	F 9
S 10	13 11 52	19°52'18	0♒37	22°45	4°26	25°13	12°11	5°59	11°12	8°R32	21°23	18°10	19°19	28°19	26°19	S 10
S 11	13 15 48	20°51'18	12°29	23°59	5°31	25°36	12°20	6° 3	11°11	8°32	21°23	18° 7	19°16	28°25	26°19	S 11
M12	13 19 45	21°50'17	24°28	25°14	6°35	26° 0	12°29	6° 7	11°10	8°31	21°24	18° 2	19°13	28°32	26°18	M12
T 13	13 23 42	22°49'13	6♓39	26°32	7°39	26°24	12°38	6°11	11° 8	8°31	21°25	17°55	19°10	28°39	26°17	T 13
W14	13 27 38	23°48'08	19° 5	27°52	8°43	26°48	12°47	6°15	11° 7	8°31	21°26	17°47	19° 7	28°45	26°17	W14
T 15	13 31 35	24°47'01	1♈47	29°14	9°47	27°12	12°55	6°19	11° 6	8°31	21°27	17°37	19° 3	28°52	26°16	T 15
F 16	13 35 31	25°45'52	14°46	0♈38	10°50	27°37	13° 4	6°23	11° 4	8°31	21°27	17°28	19° 0	28°59	26°15	F 16
S 17	13 39 28	26°44'41	28° 2	2° 3	11°53	28° 2	13°12	6°27	11° 3	8°31	21°28	17°19	18°57	29° 5	26°14	S 17
S 18	13 43 24	27°43'28	11♉33	3°31	12°56	28°27	13°20	6°31	11° 1	8°31	21°29	17°13	18°54	29°12	26°13	S 18
M19	13 47 21	28°42'13	25°16	5° 0	13°58	28°52	13°28	6°36	11° 0	8°30	21°30	17° 8	18°51	29°19	26°12	M19
T 20	13 51 17	29°40'57	9♊ 8	6°30	15° 0	29°18	13°36	6°40	10°58	8°30	21°31	17° 6	18°48	29°25	26°11	T 20
W21	13 55 14	0♉39'38	23° 8	8° 3	16° 2	29°44	13°44	6°45	10°56	8°30	21°32	17°D 6	18°44	29°32	26° 9	W21
T 22	13 59 11	1°38'16	7♋12	9°37	17° 3	0♌10	13°51	6°49	10°55	8°29	21°33	17° 7	18°41	29°39	26° 8	T 22
F 23	14 3 7	2°36'53	21°20	11°13	18° 4	0°36	13°59	6°54	10°53	8°29	21°34	17° 8	18°38	29°46	26° 6	F 23
S 24	14 7 4	3°35'27	5♌29	12°50	19° 4	1° 3	14° 6	6°59	10°51	8°28	21°35	17°R 9	18°35	29°52	26° 5	S 24
S 25	14 11 0	4°34'00	19°39	14°30	20° 4	1°30	14°13	7° 4	10°49	8°28	21°36	17° 8	18°32	29°59	26° 3	S 25
M26	14 14 57	5°32'29	3♍47	16°11	21° 4	1°56	14°20	7° 9	10°47	8°28	21°37	17° 5	18°28	0♒ 6	26° 1	M26
T 27	14 18 53	6°30'57	17°52	17°53	22° 4	2°24	14°27	7°14	10°45	8°27	21°38	17° 0	18°25	0°12	25°59	T 27
W28	14 22 50	7°29'23	1♎49	19°38	23° 3	2°51	14°34	7°19	10°44	8°26	21°39	16°55	18°22	0°19	25°57	W28
T 29	14 26 46	8°27'46	15°35	21°24	24° 1	3°18	14°41	7°24	10°42	8°26	21°40	16°48	18°19	0°26	25°55	T 29
F 30	14 30 43	9♉26'08	29♎ 8	23♈11	24♊59	3♌46	14♒47	7♋29	10♐40	8♑25	21♊41	16♊42	18♊16	0♒32	25♐53	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n21	1n51	4n48	7s32	1s 9	20n51	2n 1	24n15	2n39	17s54	0s23	22n45	0s34	22s 3	0n 5	22s 6	1n 3	14n29	8s40	22n56	23n 2	23s45	17s52	5n30
F 2	4 44	4s 0	4 17	7 22	1 18	21 11	2 5	24 10	2 37	17 52	0 24	22 45	0 34	22 2	0 5	22 6	1 3	14 29	8 40	22 55	23 1	23 45	17 52	5 31
S 3	5 7	9 32	3 32	7 9	1 27	21 30	2 9	24 5	2 36	17 49	0 24	22 45	0 33	22 2	0 5	22 6	1 3	14 29	8 40	22 55	23 1	23 44	17 51	5 31
S 4	5 30	14 29	2 37	6 55	1 36	21 49	2 12	24 0	2 34	17 46	0 24	22 45	0 33	22 2	0 5	22 6	1 3	14 29	8 40	22 54	23 1	23 44	17 50	5 32
M 5	5 53	18 38	1 34	6 39	1 44	22 8	2 16	23 55	2 33	17 44	0 24	22 45	0 33	22 2	0 5	22 6	1 3	14 30	8 40	22 54	23 1	23 43	17 50	5 33
T 6	6 16	21 49	0 29	6 22	1 51	22 26	2 20	23 50	2 31	17 41	0 24	22 45	0 33	22 2	0 5	22 5	1 3	14 30	8 39	22 54	23 0	23 42	17 49	5 33
W 7	6 39	23 55	0s36	6 3	1 58	22 43	2 23	23 44	2 30	17 39	0 24	22 45	0 33	22 2	0 5	22 5	1 3	14 30	8 39	22 54	23 0	23 42	17 48	5 34
T 8	7 1	24 53	1 39	5 42	2 4	23 0	2 27	23 39	2 29	17 36	0 24	22 45	0 33	22 2	0 5	22 5	1 3	14 30	8 39	22 54	23 0	23 41	17 48	5 35
F 9	7 24	24 41	2 36	5 20	2 10	23 16	2 30	23 34	2 27	17 34	0 25	22 45	0 32	22 1	0 5	22 5	1 4	14 31	8 39	22 54	23 0	23 40	17 47	5 35
S 10	7 46	23 22	3 27	4 57	2 15	23 32	2 34	23 28	2 26	17 32	0 25	22 45	0 32	22 1	0 5	22 5	1 4	14 31	8 39	22 54	22 59	23 39	17 46	5 36
S 11	8 8	21 1	4 9	4 32	2 20	23 47	2 37	23 22	2 25	17 29	0 25	22 45	0 32	22 1	0 5	22 5	1 4	14 31	8 38	22 53	22 59	23 39	17 46	5 37
M12	8 30	17 45	4 40	4 5	2 24	24 2	2 41	23 17	2 23	17 27	0 25	22 45	0 32	22 1	0 5	22 5	1 4	14 31	8 38	22 53	22 59	23 38	17 45	5 37
T 13	8 52	13 42	5 0	3 38	2 27	24 16	2 44	23 11	2 22	17 24	0 25	22 45	0 32	22 1	0 5	22 5	1 4	14 32	8 38	22 52	22 59	23 37	17 44	5 38
W14	9 14	9 0	5 6	3 9	2 30	24 29	2 47	23 5	2 21	17 22	0 26	22 45	0 32	22 1	0 5	22 5	1 4	14 32	8 38	22 52	22 58	23 37	17 44	5 39
T 15	9 35	3 49	4 56	2 38	2 33	24 42	2 50	22 59	2 19	17 20	0 26	22 45	0 32	22 0	0 5	22 5	1 4	14 32	8 37	22 51	22 58	23 36	17 43	5 39
F 16	9 57	1n38	4 32	2 7	2 35	24 55	2 53	22 53	2 18	17 18	0 26	22 45	0 31	22 0	0 5	22 5	1 4	14 32	8 37	22 50	22 58	23 35	17 42	5 40
S 17	10 18	7 9	3 53	1 34	2 36	25 6	2 56	22 46	2 17	17 16	0 26	22 45	0 31	22 0	0 5	22 5	1 4	14 33	8 37	22 49	22 58	23 34	17 41	5 41
S 18	10 39	12 26	2 59	1 1	2 37	25 18	2 59	22 40	2 16	17 13	0 26	22 44	0 31	22 0	0 5	22 5	1 4	14 33	8 37	22 48	22 57	23 34	17 41	5 41
M19	11 0	17 12	1 55	0 26	2 37	25 28	3 2	22 34	2 14	17 11	0 26	22 44	0 31	22 0	0 5	22 5	1 4	14 33	8 37	22 48	22 57	23 33	17 40	5 42
T 20	11 21	21 6	0 43	0n10	2 37	25 38	3 5	22 27	2 13	17 9	0 27	22 44	0 31	21 59	0 5	22 5	1 4	14 33	8 37	22 48	22 57	23 32	17 39	5 43
W21	11 42	23 47	0n33	0 47	2 37	25 48	3 7	22 20	2 12	17 7	0 27	22 44	0 31	21 59	0 5	22 5	1 4	14 34	8 36	22 48	22 57	23 31	17 39	5 43
T 22	12 2	25 0	1 47	1 25	2 35	25 56	3 10	22 14	2 11	17 5	0 27	22 44	0 31	21 59	0 5	22 5	1 4	14 34	8 36	22 48	22 56	23 31	17 38	5 44
F 23	12 22	24 36	2 54	2 4	2 34	26 5	3 12	22 7	2 10	17 3	0 27	22 44	0 30	21 59	0 5	22 5	1 4	14 34	8 36	22 48	22 56	23 30	17 37	5 45
S 24	12 42	22 37	3 52	2 44	2 32	26 12	3 15	22 0	2 8	17 1	0 27	22 44	0 30	21 58	0 5	22 5	1 4	14 34	8 36	22 48	22 56	23 29	17 37	5 45
S 25	13 2	19 15	4 35	3 25	2 29	26 19	3 17	21 53	2 7	16 59	0 28	22 44	0 30	21 58	0 5	22 5	1 4	14 35	8 36	22 48	22 56	23 28	17 36	5 46
M26	13 22	14 47	5 1	4 7	2 25	26 26	3 19	21 45	2 6	16 57	0 28	22 44	0 30	21 58	0 5	22 5	1 4	14 35	8 35	22 48	22 55	23 27	17 35	5 46
T 27	13 41	9 32	5 10	4 50	2 22	26 32	3 21	21 38	2 5	16 56	0 28	22 44	0 30	21 58	0 5	22 5	1 4	14 35	8 35	22 47	22 55	23 27	17 35	5 47
W28	14 0	3 51	4 59	5 33	2 17	26 37	3 23	21 31	2 4	16 54	0 28	22 43	0 30	21 57	0 5	22 5	1 4	14 35	8 35	22 47	22 55	23 26	17 34	5 48
T 29	14 19	1s57	4 32	6 17	2 13	26 42	3 25	21 23	2 3	16 52	0 28	22 43	0 30	21 57	0 5	22 5	1 4	14 36	8 35	22 46	22 54	23 25	17 33	5 48
F 30	14n37	7s35	3n49	7n 2	2s 7	26n46	3n27	21n16	2n 1	16s50	0s28	22n43	0s29	21s57	0n 5	22s 5	1n 4	14n36	8s35	22n45	22n54	23s24	17s33	5n49

Julian Day Number = 2506786.5, Delta T = 122.52 sec
Ecliptic obliquity = 23°25'13, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°51'13, Lahiri = 25°58'14

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2151
geocentric

MAY 2151 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 34 40	10♉24'27	12♏26	25♈ 1	25♊57	4♌14	14♒53	7♋35	10°R38	8°R25	21♊42	16°R37	18♊13	0♒39	25°R51	S 1
S 2	14 38 36	11°22'45	25°26	26°52	26°54	4°42	14°59	7°40	10♐36	8♑24	21°43	16♊34	18° 9	0°46	25♐48	S 2
M 3	14 42 33	12°21'02	8♐ 8	28°45	27°50	5°10	15° 5	7°46	10°34	8°23	21°44	16°32	18° 6	0°52	25°46	M 3
T 4	14 46 29	13°19'16	20°34	0♉40	28°46	5°38	15°11	7°51	10°31	8°23	21°45	16°D32	18° 3	0°59	25°44	T 4
W 5	14 50 26	14°17'29	2♑45	2°36	29°42	6° 7	15°17	7°57	10°29	8°22	21°47	16°33	18° 0	1° 6	25°41	W 5
T 6	14 54 22	15°15'41	14°45	4°34	0♋37	6°36	15°22	8° 2	10°27	8°21	21°48	16°34	17°57	1°12	25°39	T 6
F 7	14 58 19	16°13'51	26°38	6°34	1°31	7° 4	15°28	8° 8	10°25	8°20	21°49	16°36	17°54	1°19	25°36	F 7
S 8	15 2 15	17°11'59	8♒29	8°35	2°25	7°33	15°33	8°14	10°23	8°19	21°50	16°37	17°50	1°26	25°33	S 8
S 9	15 6 12	18°10'06	20°22	10°38	3°18	8° 3	15°38	8°20	10°21	8°18	21°51	16°R38	17°47	1°32	25°30	S 9
M10	15 10 9	19° 8'12	2♓23	12°43	4°11	8°32	15°43	8°26	10°18	8°18	21°52	16°37	17°44	1°39	25°27	M10
T 11	15 14 5	20° 6'16	14°36	14°49	5° 3	9° 1	15°47	8°32	10°16	8°17	21°54	16°35	17°41	1°46	25°24	T 11
W12	15 18 2	21° 4'19	27° 4	16°56	5°54	9°31	15°52	8°38	10°14	8°16	21°55	16°32	17°38	1°52	25°21	W12
T 13	15 21 58	22° 2'20	9♈52	19° 4	6°45	10° 1	15°56	8°44	10°11	8°15	21°56	16°28	17°34	1°59	25°18	T 13
F 14	15 25 55	23° 0'20	23° 0	21°14	7°35	10°31	16° 0	8°50	10° 9	8°14	21°57	16°25	17°31	2° 6	25°15	F 14
S 15	15 29 51	23°58'19	6♉30	23°24	8°24	11° 1	16° 4	8°56	10° 7	8°13	21°59	16°21	17°28	2°13	25°12	S 15
S 16	15 33 48	24°56'16	20°19	25°34	9°12	11°31	16° 8	9° 3	10° 4	8°12	22° 0	16°19	17°25	2°19	25° 9	S 16
M17	15 37 44	25°54'12	4♊26	27°45	10° 0	12° 1	16°11	9° 9	10° 2	8°11	22° 1	16°18	17°22	2°26	25° 5	M17
T 18	15 41 41	26°52'06	18°44	29°56	10°47	12°32	16°15	9°16	10° 0	8°10	22° 2	16°D17	17°19	2°33	25° 2	T 18
W19	15 45 38	27°49'59	3♋10	2♊ 7	11°33	13° 2	16°18	9°22	9°57	8° 8	22° 4	16°18	17°15	2°39	24°59	W19
T 20	15 49 34	28°47'50	17°39	4°18	12°18	13°33	16°21	9°29	9°55	8° 7	22° 5	16°19	17°12	2°46	24°55	T 20
F 21	15 53 31	29°45'40	2♌ 6	6°27	13° 2	14° 4	16°24	9°35	9°52	8° 6	22° 6	16°20	17° 9	2°53	24°52	F 21
S 22	15 57 27	0♊43'27	16°26	8°36	13°45	14°35	16°27	9°42	9°50	8° 5	22° 8	16°21	17° 6	2°59	24°48	S 22
S 23	16 1 24	1°41'13	0♍38	10°43	14°27	15° 6	16°29	9°49	9°48	8° 4	22° 9	16°R21	17° 3	3° 6	24°44	S 23
M24	16 5 20	2°38'57	14°39	12°49	15° 8	15°37	16°32	9°55	9°45	8° 3	22°10	16°21	17° 0	3°13	24°41	M24
T 25	16 9 17	3°36'40	28°27	14°52	15°48	16° 8	16°34	10° 2	9°43	8° 1	22°12	16°20	16°56	3°19	24°37	T 25
W26	16 13 13	4°34'21	12♎ 2	16°54	16°27	16°40	16°36	10° 9	9°40	8° 0	22°13	16°19	16°53	3°26	24°33	W26
T 27	16 17 10	5°32'00	25°24	18°54	17° 4	17°11	16°37	10°16	9°38	7°59	22°14	16°17	16°50	3°33	24°29	T 27
F 28	16 21 7	6°29'38	8♏32	20°51	17°41	17°43	16°39	10°23	9°35	7°57	22°16	16°16	16°47	3°39	24°26	F 28
S 29	16 25 3	7°27'15	21°25	22°46	18°16	18°15	16°40	10°30	9°33	7°56	22°17	16°15	16°44	3°46	24°22	S 29
S 30	16 29 0	8°24'50	4♐ 5	24°38	18°50	18°46	16°42	10°37	9°30	7°55	22°18	16°15	16°40	3°53	24°18	S 30
M31	16 32 56	9♊22'24	16♐33	26♊28	19♋22	19♌18	16♒43	10♋44	9♐28	7♑53	22♊20	16°D14	16♊37	3♒59	24♐14	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14n56	12s47	2n55	7n47	2s 1	26n50	3n28	21n 8	2n 0	16s49	0s29	22n43	0s29	21s57	0n 5	22s 5	1n 4	14n36	8s35	22n45	22n54	23s23	17s32	5n49
S 2	15 14	17 17	1 53	8 33	1 55	26 53	3 30	21 0	1 59	16 47	0 29	22 43	0 29	21 56	0 5	22 5	1 4	14 36	8 34	22 45	22 54	23 23	17 31	5 50
M 3	15 32	20 54	0 46	9 20	1 48	26 55	3 31	20 52	1 58	16 46	0 29	22 43	0 29	21 56	0 5	22 5	1 4	14 37	8 34	22 44	22 53	23 22	17 31	5 51
T 4	15 50	23 27	0s22	10 7	1 41	26 57	3 32	20 44	1 57	16 44	0 29	22 42	0 29	21 56	0 5	22 5	1 4	14 37	8 34	22 44	22 53	23 21	17 30	5 51
W 5	16 7	24 51	1 28	10 54	1 33	26 58	3 33	20 36	1 56	16 43	0 29	22 42	0 29	21 55	0 5	22 5	1 4	14 37	8 34	22 44	22 53	23 20	17 29	5 52
T 6	16 24	25 4	2 28	11 42	1 25	26 59	3 34	20 28	1 55	16 41	0 30	22 42	0 29	21 55	0 5	22 5	1 4	14 37	8 34	22 45	22 52	23 19	17 29	5 52
F 7	16 41	24 7	3 22	12 29	1 17	27 0	3 35	20 19	1 54	16 40	0 30	22 42	0 29	21 55	0 5	22 5	1 4	14 37	8 34	22 45	22 52	23 18	17 28	5 53
S 8	16 57	22 6	4 7	13 17	1 8	26 59	3 35	20 11	1 53	16 38	0 30	22 42	0 28	21 55	0 5	22 5	1 4	14 38	8 33	22 45	22 52	23 17	17 28	5 53
S 9	17 14	19 8	4 42	14 5	0 59	26 58	3 36	20 2	1 52	16 37	0 30	22 41	0 28	21 54	0 5	22 5	1 4	14 38	8 33	22 45	22 52	23 16	17 27	5 54
M10	17 30	15 21	5 4	14 52	0 49	26 57	3 36	19 54	1 50	16 36	0 30	22 41	0 28	21 54	0 5	22 6	1 4	14 38	8 33	22 45	22 51	23 16	17 26	5 54
T 11	17 45	10 53	5 14	15 39	0 39	26 55	3 36	19 45	1 49	16 35	0 31	22 41	0 28	21 54	0 5	22 6	1 4	14 38	8 33	22 45	22 51	23 15	17 26	5 55
W12	18 1	5 53	5 8	16 25	0 29	26 53	3 36	19 36	1 48	16 34	0 31	22 40	0 28	21 53	0 5	22 6	1 4	14 38	8 33	22 44	22 51	23 14	17 25	5 55
T 13	18 16	0 31	4 48	17 11	0 19	26 50	3 36	19 27	1 47	16 33	0 31	22 40	0 28	21 53	0 5	22 6	1 4	14 39	8 33	22 44	22 50	23 13	17 25	5 56
F 14	18 31	5n 2	4 12	17 55	0 8	26 47	3 35	19 18	1 46	16 32	0 31	22 40	0 28	21 53	0 5	22 6	1 4	14 39	8 33	22 44	22 50	23 12	17 24	5 56
S 15	18 45	10 30	3 22	18 39	0n 2	26 43	3 35	19 8	1 45	16 31	0 32	22 40	0 28	21 52	0 5	22 6	1 4	14 39	8 32	22 43	22 50	23 11	17 23	5 57
S 16	18 59	15 36	2 18	19 21	0 13	26 39	3 34	18 59	1 44	16 30	0 32	22 39	0 27	21 52	0 5	22 6	1 4	14 39	8 32	22 43	22 50	23 10	17 23	5 57
M17	19 13	19 57	1 5	20 2	0 24	26 35	3 33	18 50	1 43	16 29	0 32	22 39	0 27	21 52	0 5	22 6	1 4	14 39	8 32	22 43	22 49	23 9	17 22	5 58
T 18	19 27	23 10	0n14	20 40	0 34	26 30	3 32	18 40	1 42	16 28	0 32	22 39	0 27	21 51	0 5	22 6	1 4	14 40	8 32	22 43	22 49	23 8	17 22	5 58
W19	19 40	24 55	1 32	21 17	0 44	26 24	3 30	18 30	1 41	16 27	0 32	22 38	0 27	21 51	0 5	22 6	1 4	14 40	8 32	22 43	22 49	23 7	17 21	5 59
T 20	19 53	24 59	2 45	21 52	0 54	26 19	3 28	18 21	1 40	16 26	0 33	22 38	0 27	21 51	0 5	22 6	1 4	14 40	8 32	22 43	22 48	23 6	17 20	5 59
F 21	20 5	23 21	3 47	22 25	1 3	26 12	3 26	18 11	1 39	16 26	0 33	22 38	0 27	21 50	0 5	22 6	1 4	14 40	8 32	22 43	22 48	23 5	17 20	6 0
S 22	20 17	20 15	4 34	22 55	1 12	26 6	3 24	18 1	1 38	16 25	0 33	22 37	0 27	21 50	0 5	22 6	1 4	14 40	8 32	22 43	22 48	23 4	17 19	6 0
S 23	20 29	15 59	5 4	23 22	1 21	25 59	3 22	17 51	1 37	16 25	0 33	22 37	0 27	21 50	0 5	22 6	1 4	14 41	8 31	22 43	22 47	23 3	17 19	6 0
M24	20 40	10 54	5 16	23 47	1 29	25 52	3 19	17 41	1 36	16 24	0 33	22 37	0 26	21 49	0 5	22 6	1 4	14 41	8 31	22 43	22 47	23 2	17 18	6 1
T 25	20 51	5 21	5 9	24 9	1 36	25 44	3 16	17 30	1 35	16 24	0 34	22 36	0 26	21 49	0 5	22 6	1 4	14 41	8 31	22 43	22 47	23 1	17 18	6 1
W26	21 2	0s23	4 45	24 29	1 43	25 36	3 13	17 20	1 35	16 23	0 34	22 36	0 26	21 48	0 5	22 6	1 5	14 41	8 31	22 43	22 46	23 0	17 17	6 2
T 27	21 13	6 0	4 6	24 46	1 49	25 28	3 10	17 9	1 34	16 23	0 34	22 35	0 26	21 48	0 5	22 6	1 5	14 41	8 31	22 43	22 46	22 59	17 17	6 2
F 28	21 23	11 16	3 14	25 0	1 54	25 20	3 6	16 59	1 33	16 23	0 34	22 35	0 26	21 48	0 5	22 6	1 5	14 41	8 31	22 43	22 46	22 58	17 16	6 2
S 29	21 32	15 57	2 13	25 12	1 59	25 11	3 2	16 48	1 32	16 23	0 35	22 34	0 26	21 47	0 5	22 7	1 5	14 42	8 31	22 43	22 46	22 57	17 16	6 3
S 30	21 41	19 51	1 7	25 21	2 3	25 2	2 58	16 37	1 31	16 22	0 35	22 34	0 26	21 47	0 5	22 7	1 5	14 42	8 31	22 43	22 45	22 56	17 15	6 3
M31	21n50	22s46	0s 2	25n28	2n 6	24n53	2n53	16n27	1n30	16s22	0s35	22n34	0s26	21s47	0n 4	22s 7	1n 5	14n42	8s31	22n43	22n45	22s55	17s15	6n 3

Julian Day Number = 2506816.5, Delta T = 122.58 sec
Ecliptic obliquity = 23°25'13, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°51'17, Lahiri = 25°58'18

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2151
geocentric

JUNE 2151 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 36 53	10♊19'58	28♐48	28♊15	19♋53	19♌50	16♒43	10♋51	9°R25	7°R52	22♊21	16♊15	16♊34	4♒ 6	24°R10	T 1
W 2	16 40 49	11°17'30	10♑53	29°59	20°23	20°23	16°44	10°58	9♐23	7♑51	22°22	16°15	16°31	4°13	24♐ 6	W 2
T 3	16 44 46	12°15'01	22°50	1♋40	20°51	20°55	16°44	11° 5	9°20	7°49	22°24	16°15	16°28	4°20	24° 2	T 3
F 4	16 48 42	13°12'31	4♒43	3°18	21°17	21°27	16°45	11°12	9°18	7°48	22°25	16°16	16°25	4°26	23°58	F 4
S 5	16 52 39	14°10'00	16°33	4°54	21°42	22° 0	16°R45	11°19	9°15	7°46	22°27	16°16	16°21	4°33	23°54	S 5
S 6	16 56 36	15° 7'29	28°27	6°26	22° 5	22°32	16°45	11°27	9°13	7°45	22°28	16°16	16°18	4°40	23°50	S 6
M 7	17 0 32	16° 4'57	10♓27	7°56	22°26	23° 5	16°44	11°34	9°10	7°43	22°29	16°16	16°15	4°46	23°45	M 7
T 8	17 4 29	17° 2'24	22°39	9°22	22°46	23°38	16°44	11°41	9° 8	7°42	22°31	16°16	16°12	4°53	23°41	T 8
W 9	17 8 25	17°59'50	5♈ 6	10°46	23° 3	24°11	16°43	11°49	9° 5	7°40	22°32	16°16	16° 9	5° 0	23°37	W 9
T 10	17 12 22	18°57'16	17°52	12° 7	23°19	24°44	16°42	11°56	9° 3	7°39	22°34	16°16	16° 6	5° 6	23°33	T 10
F 11	17 16 18	19°54'41	1♉ 2	13°24	23°33	25°17	16°41	12° 3	9° 1	7°37	22°35	16°17	16° 2	5°13	23°29	F 11
S 12	17 20 15	20°52'05	14°36	14°38	23°45	25°50	16°40	12°11	8°58	7°36	22°36	16°17	15°59	5°20	23°25	S 12
S 13	17 24 11	21°49'29	28°35	15°49	23°54	26°23	16°38	12°18	8°56	7°34	22°38	16°18	15°56	5°26	23°21	S 13
M14	17 28 8	22°46'53	12♊56	16°57	24° 2	26°56	16°37	12°26	8°53	7°33	22°39	16°R18	15°53	5°33	23°16	M14
T 15	17 32 5	23°44'16	27°35	18° 2	24° 7	27°30	16°35	12°33	8°51	7°31	22°41	16°18	15°50	5°40	23°12	T 15
W16	17 36 1	24°41'38	12♋25	19° 3	24°10	28° 3	16°33	12°41	8°49	7°30	22°42	16°17	15°46	5°47	23° 8	W16
T 17	17 39 58	25°38'59	27°19	20° 0	24°R11	28°37	16°31	12°49	8°46	7°28	22°43	16°16	15°43	5°53	23° 4	T 17
F 18	17 43 54	26°36'19	12♌ 9	20°55	24° 9	29°10	16°28	12°56	8°44	7°27	22°45	16°15	15°40	6° 0	23° 0	F 18
S 19	17 47 51	27°33'38	26°48	21°45	24° 5	29°44	16°26	13° 4	8°42	7°25	22°46	16°14	15°37	6° 7	22°56	S 19
S 20	17 51 47	28°30'57	11♍11	22°32	23°59	0♍18	16°23	13°11	8°39	7°23	22°48	16°13	15°34	6°13	22°52	S 20
M21	17 55 44	29°28'15	25°15	23°15	23°50	0°52	16°20	13°19	8°37	7°22	22°49	16°D13	15°31	6°20	22°47	M21
T 22	17 59 41	0♋25'31	8♎59	23°53	23°39	1°26	16°17	13°27	8°35	7°20	22°50	16°13	15°27	6°27	22°43	T 22
W23	18 3 37	1°22'47	22°22	24°28	23°25	2° 0	16°13	13°34	8°32	7°19	22°52	16°13	15°24	6°33	22°39	W23
T 24	18 7 34	2°20'02	5♏27	24°59	23° 9	2°34	16°10	13°42	8°30	7°17	22°53	16°15	15°21	6°40	22°35	T 24
F 25	18 11 30	3°17'17	18°15	25°25	22°51	3° 9	16° 6	13°50	8°28	7°15	22°54	16°16	15°18	6°47	22°31	F 25
S 26	18 15 27	4°14'31	0♐50	25°47	22°30	3°43	16° 2	13°58	8°26	7°14	22°56	16°17	15°15	6°53	22°27	S 26
S 27	18 19 23	5°11'44	13°12	26° 5	22° 7	4°17	15°58	14° 5	8°24	7°12	22°57	16°R18	15°12	7° 0	22°23	S 27
M28	18 23 20	6° 8'57	25°24	26°18	21°42	4°52	15°54	14°13	8°22	7°11	22°59	16°17	15° 8	7° 7	22°19	M28
T 29	18 27 16	7° 6'10	7♑28	26°26	21°15	5°26	15°50	14°21	8°20	7° 9	23° 0	16°16	15° 5	7°14	22°15	T 29
W30	18 31 13	8♋ 3'23	19♑26	26°R30	20♋46	6♍ 1	15♒45	14♋29	8♐18	7♑ 7	23♊ 1	16♊14	15♊ 2	7♒20	22♐11	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n59	24s34	1s 9	25n33	2n 8	24n44	2n48	16n16	1n29	16s22	0s35	22n33	0s26	21s46	0n 4	22s 7	1n 5	14n42	8s31	22n43	22n45	22s54	17s14	6n 4
W 2	22 7	25 11	2 12	25 35	2 10	24 34	2 43	16 4	1 28	16 22	0 35	22 33	0 25	21 46	0 4	22 7	1 5	14 42	8 31	22 43	22 44	22 53	17 14	6 4
T 3	22 15	24 36	3 9	25 35	2 10	24 24	2 38	15 53	1 27	16 22	0 36	22 32	0 25	21 46	0 4	22 7	1 5	14 42	8 30	22 43	22 44	22 52	17 13	6 4
F 4	22 22	22 55	3 58	25 33	2 10	24 14	2 32	15 42	1 26	16 23	0 36	22 32	0 25	21 45	0 4	22 7	1 5	14 43	8 30	22 43	22 44	22 51	17 13	6 4
S 5	22 29	20 14	4 36	25 29	2 9	24 4	2 26	15 31	1 25	16 23	0 36	22 31	0 25	21 45	0 4	22 7	1 5	14 43	8 30	22 43	22 43	22 50	17 12	6 5
S 6	22 35	16 43	5 2	25 23	2 8	23 54	2 19	15 19	1 24	16 23	0 36	22 31	0 25	21 44	0 4	22 7	1 5	14 43	8 30	22 43	22 43	22 49	17 12	6 5
M 7	22 42	12 30	5 16	25 16	2 5	23 44	2 12	15 8	1 24	16 23	0 37	22 30	0 25	21 44	0 4	22 7	1 5	14 43	8 30	22 43	22 43	22 48	17 12	6 5
T 8	22 47	7 45	5 15	25 7	2 2	23 33	2 5	14 56	1 23	16 24	0 37	22 30	0 25	21 44	0 4	22 7	1 5	14 43	8 30	22 43	22 42	22 47	17 11	6 5
W 9	22 53	2 34	5 0	24 56	1 58	23 23	1 57	14 44	1 22	16 24	0 37	22 29	0 25	21 43	0 4	22 7	1 5	14 43	8 30	22 43	22 42	22 46	17 11	6 6
T 10	22 58	2n50	4 30	24 45	1 53	23 12	1 49	14 32	1 21	16 25	0 37	22 29	0 25	21 43	0 4	22 7	1 5	14 43	8 30	22 43	22 42	22 45	17 10	6 6
F 11	23 2	8 18	3 46	24 32	1 47	23 2	1 41	14 21	1 20	16 25	0 38	22 28	0 25	21 43	0 4	22 8	1 5	14 44	8 30	22 43	22 41	22 44	17 10	6 6
S 12	23 6	13 33	2 47	24 17	1 41	22 51	1 32	14 8	1 19	16 26	0 38	22 27	0 24	21 42	0 4	22 8	1 5	14 44	8 30	22 43	22 41	22 43	17 10	6 6
S 13	23 10	18 15	1 37	24 2	1 34	22 40	1 23	13 56	1 18	16 26	0 38	22 27	0 24	21 42	0 4	22 8	1 5	14 44	8 30	22 43	22 41	22 41	17 9	6 6
M14	23 13	22 1	0 19	23 46	1 26	22 30	1 14	13 44	1 17	16 27	0 38	22 26	0 24	21 42	0 4	22 8	1 5	14 44	8 30	22 43	22 40	22 40	17 9	6 7
T 15	23 16	24 26	1n 2	23 29	1 18	22 19	1 4	13 32	1 17	16 28	0 38	22 26	0 24	21 41	0 4	22 8	1 5	14 44	8 30	22 43	22 40	22 39	17 8	6 7
W16	23 19	25 10	2 20	23 12	1 8	22 8	0 53	13 20	1 16	16 29	0 39	22 25	0 24	21 41	0 4	22 8	1 5	14 44	8 30	22 43	22 40	22 38	17 8	6 7
T 17	23 21	24 5	3 28	22 54	0 59	21 57	0 43	13 7	1 15	16 30	0 39	22 24	0 24	21 41	0 4	22 8	1 5	14 44	8 30	22 43	22 39	22 37	17 8	6 7
F 18	23 23	21 20	4 22	22 35	0 48	21 47	0 31	12 55	1 14	16 31	0 39	22 24	0 24	21 40	0 4	22 8	1 5	14 44	8 30	22 43	22 39	22 36	17 7	6 7
S 19	23 24	17 14	4 59	22 16	0 37	21 36	0 20	12 42	1 13	16 32	0 39	22 23	0 24	21 40	0 4	22 8	1 5	14 44	8 30	22 43	22 39	22 35	17 7	6 7
S 20	23 25	12 13	5 15	21 57	0 25	21 26	0 8	12 29	1 12	16 33	0 40	22 22	0 24	21 39	0 4	22 8	1 5	14 45	8 30	22 42	22 38	22 34	17 7	6 7
M21	23 25	6 40	5 13	21 38	0 13	21 15	0s 4	12 16	1 12	16 34	0 40	22 22	0 24	21 39	0 4	22 8	1 5	14 45	8 30	22 42	22 38	22 32	17 7	6 7
T 22	23 25	0 55	4 52	21 18	0s 1	21 5	0 17	12 3	1 11	16 35	0 40	22 21	0 23	21 39	0 4	22 9	1 5	14 45	8 30	22 42	22 38	22 31	17 6	6 7
W23	23 25	4s44	4 16	20 59	0 14	20 54	0 30	11 51	1 10	16 36	0 40	22 20	0 23	21 38	0 4	22 9	1 5	14 45	8 30	22 42	22 37	22 30	17 6	6 8
T 24	23 24	10 4	3 27	20 39	0 28	20 44	0 43	11 37	1 9	16 37	0 41	22 20	0 23	21 38	0 4	22 9	1 5	14 45	8 30	22 43	22 37	22 29	17 6	6 8
F 25	23 23	14 52	2 29	20 20	0 43	20 34	0 56	11 24	1 8	16 39	0 41	22 19	0 23	21 38	0 4	22 9	1 5	14 45	8 30	22 43	22 37	22 28	17 5	6 8
S 26	23 21	18 56	1 24	20 1	0 58	20 24	1 10	11 11	1 7	16 40	0 41	22 18	0 23	21 37	0 4	22 9	1 5	14 45	8 30	22 43	22 36	22 26	17 5	6 8
S 27	23 19	22 5	0 17	19 43	1 13	20 14	1 24	10 58	1 7	16 41	0 41	22 18	0 23	21 37	0 4	22 9	1 5	14 45	8 29	22 43	22 36	22 25	17 5	6 8
M28	23 17	24 10	0s50	19 25	1 29	20 4	1 38	10 45	1 6	16 43	0 41	22 17	0 23	21 37	0 4	22 9	1 5	14 45	8 29	22 43	22 36	22 24	17 5	6 8
T 29	23 14	25 6	1 54	19 8	1 45	19 54	1 52	10 31	1 5	16 44	0 42	22 16	0 23	21 36	0 4	22 9	1 5	14 45	8 29	22 43	22 35	22 23	17 5	6 8
W30	23n11	24s51	2s52	18n52	2s 1	19n44	2s 6	10n18	1n 4	16s46	0s42	22n15	0s23	21s36	0n 4	22s 9	1n 5	14n45	8s29	22n43	22n35	22s22	17s 4	6n 8

Julian Day Number = 2506847.5, Delta T = 122.64 sec
Ecliptic obliquity = 23°25'12, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°51'22, Lahiri = 25°58'22

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2151
geocentric

JULY 2151 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 35 10	9♋ 0'35	1♒19	26°R30	20°R15	6♍36	15°R41	14♋36	8°R16	7°R 6	23♊ 3	16°R11	14♊59	7♒27	22°R 7	T 1
F 2	18 39 6	9°57'47	13°10	26♋24	19♋43	7°10	15♒36	14°44	8♐14	7♑ 4	23° 4	16♊ 7	14°56	7°34	22♐ 4	F 2
S 3	18 43 3	10°54'59	25° 2	26°15	19° 9	7°45	15°31	14°52	8°12	7° 2	23° 5	16° 3	14°52	7°40	22° 0	S 3
S 4	18 46 59	11°52'11	6♓56	26° 0	18°35	8°20	15°26	15° 0	8°10	7° 1	23° 7	15°59	14°49	7°47	21°56	S 4
M 5	18 50 56	12°49'23	18°56	25°42	17°59	8°55	15°20	15° 8	8° 8	6°59	23° 8	15°56	14°46	7°54	21°52	M 5
T 6	18 54 52	13°46'35	1♈ 7	25°20	17°22	9°30	15°15	15°15	8° 6	6°58	23° 9	15°54	14°43	8° 0	21°49	T 6
W 7	18 58 49	14°43'47	13°31	24°54	16°45	10° 5	15° 9	15°23	8° 4	6°56	23°11	15°D53	14°40	8° 7	21°45	W 7
T 8	19 2 45	15°41'00	26°14	24°25	16° 7	10°40	15° 4	15°31	8° 2	6°54	23°12	15°54	14°37	8°14	21°41	T 8
F 9	19 6 42	16°38'13	9♉19	23°52	15°30	11°16	14°58	15°39	8° 0	6°53	23°13	15°55	14°33	8°20	21°38	F 9
S 10	19 10 39	17°35'26	22°49	23°18	14°53	11°51	14°52	15°47	7°59	6°51	23°15	15°57	14°30	8°27	21°34	S 10
S 11	19 14 35	18°32'40	6♊46	22°42	14°16	12°26	14°46	15°54	7°57	6°50	23°16	15°58	14°27	8°34	21°31	S 11
M12	19 18 32	19°29'54	21°10	22° 4	13°39	13° 2	14°40	16° 2	7°55	6°48	23°17	15°R58	14°24	8°41	21°28	M12
T 13	19 22 28	20°27'08	5♋56	21°26	13° 4	13°37	14°33	16°10	7°54	6°46	23°19	15°57	14°21	8°47	21°24	T 13
W14	19 26 25	21°24'23	21° 0	20°48	12°30	14°13	14°27	16°18	7°52	6°45	23°20	15°54	14°18	8°54	21°21	W14
T 15	19 30 21	22°21'37	6♌12	20°10	11°57	14°49	14°20	16°26	7°51	6°43	23°21	15°49	14°14	9° 1	21°18	T 15
F 16	19 34 18	23°18'52	21°21	19°34	11°25	15°25	14°13	16°33	7°49	6°42	23°22	15°44	14°11	9° 7	21°15	F 16
S 17	19 38 14	24°16'07	6♍19	19° 0	10°55	16° 0	14° 7	16°41	7°48	6°40	23°24	15°39	14° 8	9°14	21°12	S 17
S 18	19 42 11	25°13'22	20°58	18°28	10°27	16°36	14° 0	16°49	7°46	6°39	23°25	15°34	14° 5	9°21	21° 9	S 18
M19	19 46 8	26°10'37	5♎11	18° 0	10° 1	17°12	13°53	16°57	7°45	6°37	23°26	15°31	14° 2	9°27	21° 6	M19
T 20	19 50 4	27° 7'52	18°58	17°35	9°36	17°48	13°46	17° 4	7°43	6°36	23°27	15°29	13°58	9°34	21° 3	T 20
W21	19 54 1	28° 5'07	2♏19	17°14	9°14	18°24	13°38	17°12	7°42	6°34	23°28	15°D29	13°55	9°41	21° 0	W21
T 22	19 57 57	29° 2'23	15°17	16°58	8°54	19° 1	13°31	17°20	7°41	6°33	23°30	15°30	13°52	9°48	20°57	T 22
F 23	20 1 54	29°59'38	27°55	16°47	8°37	19°37	13°24	17°28	7°40	6°31	23°31	15°31	13°49	9°54	20°54	F 23
S 24	20 5 50	0♌56'54	10♐17	16°41	8°21	20°13	13°16	17°35	7°39	6°30	23°32	15°R32	13°46	10° 1	20°52	S 24
S 25	20 9 47	1°54'10	22°27	16°D41	8° 9	20°49	13° 9	17°43	7°37	6°28	23°33	15°32	13°43	10° 8	20°49	S 25
M26	20 13 43	2°51'27	4♑28	16°46	7°58	21°26	13° 1	17°51	7°36	6°27	23°34	15°30	13°39	10°14	20°47	M26
T 27	20 17 40	3°48'44	16°24	16°58	7°50	22° 2	12°54	17°58	7°35	6°26	23°35	15°26	13°36	10°21	20°44	T 27
W28	20 21 37	4°46'01	28°16	17°15	7°44	22°39	12°46	18° 6	7°34	6°24	23°36	15°20	13°33	10°28	20°42	W28
T 29	20 25 33	5°43'19	10♒ 7	17°38	7°41	23°15	12°39	18°13	7°33	6°23	23°37	15°12	13°30	10°34	20°40	T 29
F 30	20 29 30	6°40'38	21°59	18° 6	7°D40	23°52	12°31	18°21	7°33	6°22	23°39	15° 2	13°27	10°41	20°38	F 30
S 31	20 33 26	7♌37'58	3♓53	18♋41	7♋41	24♍29	12♒23	18♋28	7♐32	6♑20	23♊40	14♊53	13♊24	10♒48	20♐36	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	23n 7	23s28	3s43	18n36	2s17	19n35	2s21	10n 4	1n 3	16s48	0s42	22n15	0s23	21s36	0n 4	22s 9	1n 5	14n45	8s29	22n42	22n34	22s20	17s 4	6n 8	
F 2	23 3	21 3	4 23	18 21	2 33	19 25	2 35	9 50	1 3	16 49	0 42	22 14	0 23	21 36	0 4	22 9	1 5	14 45	8 30	22 42	22 34	22 19	17 4	6 8	
S 3	22 58	17 46	4 53	18 8	2 48	19 16	2 49	9 37	1 2	16 51	0 43	22 13	0 22	21 35	0 4	22 10	1 5	14 46	8 30	22 41	22 34	22 18	17 4	6 7	
S 4	22 53	13 45	5 10	17 55	3 4	19 7	3 3	9 23	1 1	16 53	0 43	22 12	0 22	21 35	0 4	22 10	1 5	14 46	8 30	22 41	22 33	22 17	17 4	6 7	
M 5	22 48	9 10	5 13	17 44	3 19	18 58	3 17	9 9	1 0	16 54	0 43	22 12	0 22	21 35	0 4	22 10	1 5	14 46	8 30	22 41	22 33	22 15	17 4	6 7	
T 6	22 42	4 11	5 2	17 34	3 33	18 49	3 30	8 55	1 0	16 56	0 43	22 11	0 22	21 34	0 4	22 10	1 4	14 46	8 30	22 40	22 33	22 14	17 3	6 7	
W 7	22 36	1n 4	4 38	17 25	3 47	18 41	3 43	8 41	0 59	16 58	0 43	22 10	0 22	21 34	0 4	22 10	1 4	14 46	8 30	22 40	22 32	22 13	17 3	6 7	
T 8	22 30	6 24	3 59	17 17	4 0	18 32	3 56	8 27	0 58	17 0	0 44	22 9	0 22	21 34	0 4	22 10	1 4	14 46	8 30	22 40	22 32	22 12	17 3	6 7	
F 9	22 23	11 38	3 7	17 11	4 12	18 24	4 9	8 13	0 57	17 2	0 44	22 8	0 22	21 34	0 4	22 10	1 4	14 46	8 30	22 41	22 32	22 10	17 3	6 7	
S 10	22 16	16 28	2 3	17 6	4 22	18 17	4 20	7 59	0 56	17 4	0 44	22 8	0 22	21 33	0 4	22 10	1 4	14 46	8 30	22 41	22 31	22 9	17 3	6 7	
S 11	22 8	20 36	0 50	17 3	4 32	18 9	4 32	7 45	0 56	17 6	0 44	22 7	0 22	21 33	0 4	22 10	1 4	14 46	8 30	22 41	22 31	22 8	17 3	6 7	
M12	22 0	23 36	0n28	17 1	4 40	18 2	4 43	7 30	0 55	17 8	0 44	22 6	0 22	21 33	0 4	22 10	1 4	14 46	8 30	22 41	22 31	22 7	17 3	6 6	
T 13	21 52	25 4	1 47	17 0	4 46	17 55	4 53	7 16	0 54	17 10	0 45	22 5	0 22	21 33	0 4	22 11	1 4	14 46	8 30	22 41	22 30	22 5	17 3	6 6	
W14	21 43	24 44	2 59	17 1	4 51	17 49	5 3	7 2	0 53	17 12	0 45	22 4	0 22	21 32	0 4	22 11	1 4	14 46	8 30	22 40	22 30	22 4	17 3	6 6	
T 15	21 34	22 35	4 0	17 3	4 54	17 43	5 12	6 47	0 53	17 14	0 45	22 3	0 21	21 32	0 4	22 11	1 4	14 46	8 30	22 40	22 29	22 3	17 3	6 6	
F 16	21 25	18 50	4 43	17 7	4 56	17 37	5 20	6 33	0 52	17 16	0 45	22 3	0 21	21 32	0 4	22 11	1 4	14 46	8 30	22 39	22 29	22 1	17 3	6 6	
S 17	21 15	13 55	5 6	17 12	4 56	17 32	5 28	6 18	0 51	17 18	0 45	22 2	0 21	21 32	0 4	22 11	1 4	14 46	8 30	22 39	22 29	22 0	17 3	6 6	
S 18	21 4	8 19	5 9	17 18	4 54	17 27	5 35	6 3	0 50	17 20	0 46	22 1	0 21	21 31	0 4	22 11	1 4	14 46	8 30	22 38	22 28	21 59	17 3	6 5	
M19	20 54	2 25	4 52	17 25	4 51	17 23	5 41	5 49	0 50	17 23	0 46	22 0	0 21	21 31	0 4	22 11	1 4	14 46	8 30	22 38	22 28	21 57	17 3	6 5	
T 20	20 43	3s26	4 19	17 32	4 46	17 19	5 47	5 34	0 49	17 25	0 46	21 59	0 21	21 31	0 4	22 11	1 4	14 46	8 30	22 38	22 28	21 56	17 3	6 5	
W21	20 32	8 56	3 33	17 41	4 39	17 15	5 52	5 19	0 48	17 27	0 46	21 58	0 21	21 31	0 4	22 11	1 4	14 46	8 30	22 38	22 27	21 55	17 3	6 5	
T 22	20 20	13 55	2 36	17 51	4 32	17 12	5 56	5 4	0 47	17 29	0 46	21 57	0 21	21 31	0 4	22 11	1 4	14 46	8 30	22 38	22 27	21 53	17 3	6 4	
F 23	20 8	18 9	1 34	18 1	4 23	17 9	6 0	4 50	0 47	17 32	0 46	21 56	0 21	21 30	0 4	22 11	1 4	14 46	8 30	22 38	22 26	21 52	17 3	6 4	
S 24	19 56	21 30	0 28	18 12	4 13	17 7	6 3	4 35	0 46	17 34	0 47	21 55	0 21	21 30	0 4	22 12	1 4	14 46	8 30	22 38	22 26	21 51	17 3	6 4	
S 25	19 43	23 50	0s37	18 23	4 2	17 5	6 6	4 20	0 45	17 36	0 47	21 54	0 21	21 30	0 4	22 12	1 4	14 46	8 30	22 38	22 26	21 49	17 3	6 4	
M26	19 30	25 1	1 40	18 34	3 50	17 4	6 8	4 5	0 45	17 39	0 47	21 54	0 21	21 30	0 4	22 12	1 4	14 46	8 31	22 38	22 25	21 48	17 3	6 3	
T 27	19 17	25 2	2 39	18 46	3 37	17 3	6 9	3 50	0 44	17 41	0 47	21 53	0 20	21 30	0 4	22 12	1 4	14 46	8 31	22 37	22 25	21 46	17 4	6 3	
W28	19 3	23 54	3 29	18 57	3 23	17 2	6 10	3 35	0 43	17 43	0 47	21 52	0 20	21 30	0 4	22 12	1 4	14 46	8 31	22 37	22 24	21 45	17 4	6 3	
T 29	18 50	21 43	4 11	19 8	3 9	17 2	6 10	3 19	0 42	17 45	0 47	21 51	0 20	21 29	0 4	22 12	1 4	14 46	8 31	22 36	22 24	21 44	17 4	6 3	
F 30	18 35	18 36	4 41	19 19	2 54	17 2	6 10	3 4	0 42	17 48	0 48	21 50	0 20	21 29	0 4	22 12	1 4	14 46	8 31	22 35	22 24	21 42	17 4	6 2	
S 31	18n21	14s44	5s 0	19n29	2s39	17n 3	6s10	2n49	0n41	17s50	0s48	21n49	0s20	21s29	0n 4	22s12	1n 4	14n46	8s31	22n34	22n23	21s41	17s 4	6n 2	

Julian Day Number = 2506877.5, Delta T = 122.69 sec
Ecliptic obliquity = 23°25'12, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°51'26, Lahiri = 25°58'26

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2151
geocentric

AUGUST 2151 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 37 23	8♌35'18	15♓51	19♋22	7♋44	25♍ 6	12°R15	18♋36	7°R31	6°R19	23♊41	14°R43	13♊20	10♒55	20°R34	S 1
M 2	20 41 19	9°32'39	27°55	20° 9	7°50	25°42	12♒ 8	18°43	7♐30	6♑18	23°42	14♊35	13°17	11° 1	20♐32	M 2
T 3	20 45 16	10°30'01	10♈ 8	21° 2	7°58	26°19	12° 0	18°51	7°29	6°16	23°43	14°29	13°14	11° 8	20°30	T 3
W 4	20 49 12	11°27'24	22°32	22° 0	8° 8	26°56	11°52	18°58	7°29	6°15	23°44	14°25	13°11	11°15	20°28	W 4
T 5	20 53 9	12°24'49	5♉13	23° 4	8°21	27°33	11°44	19° 6	7°28	6°14	23°45	14°23	13° 8	11°21	20°26	T 5
F 6	20 57 6	13°22'14	18°13	24°14	8°35	28°10	11°37	19°13	7°28	6°13	23°46	14°D23	13° 4	11°28	20°25	F 6
S 7	21 1 2	14°19'41	1♊36	25°29	8°51	28°48	11°29	19°20	7°27	6°11	23°47	14°23	13° 1	11°35	20°23	S 7
S 8	21 4 59	15°17'09	15°24	26°49	9° 9	29°25	11°21	19°28	7°27	6°10	23°48	14°R24	12°58	11°41	20°22	S 8
M 9	21 8 55	16°14'39	29°40	28°14	9°29	0♎ 2	11°13	19°35	7°26	6° 9	23°49	14°23	12°55	11°48	20°21	M 9
T 10	21 12 52	17°12'09	14♋21	29°44	9°51	0°40	11° 5	19°42	7°26	6° 8	23°49	14°20	12°52	11°55	20°19	T 10
W11	21 16 48	18° 9'41	29°23	1♌18	10°15	1°17	10°58	19°50	7°26	6° 7	23°50	14°14	12°49	12° 2	20°18	W11
T 12	21 20 45	19° 7'14	14♌37	2°57	10°40	1°54	10°50	19°57	7°25	6° 6	23°51	14° 7	12°45	12° 8	20°17	T 12
F 13	21 24 42	20° 4'48	29°54	4°39	11° 7	2°32	10°42	20° 4	7°25	6° 5	23°52	13°57	12°42	12°15	20°16	F 13
S 14	21 28 38	21° 2'23	15♍ 3	6°25	11°35	3°10	10°35	20°11	7°25	6° 4	23°53	13°48	12°39	12°22	20°15	S 14
S 15	21 32 35	21°59'59	29°52	8°15	12° 5	3°47	10°27	20°18	7°25	6° 3	23°54	13°39	12°36	12°28	20°14	S 15
M16	21 36 31	22°57'36	14♎16	10° 7	12°36	4°25	10°20	20°25	7°D25	6° 2	23°55	13°32	12°33	12°35	20°14	M16
T 17	21 40 28	23°55'14	28°10	12° 1	13° 8	5° 3	10°12	20°32	7°25	6° 1	23°55	13°27	12°30	12°42	20°13	T 17
W18	21 44 24	24°52'52	11♏35	13°58	13°42	5°41	10° 5	20°39	7°25	6° 0	23°56	13°25	12°26	12°49	20°12	W18
T 19	21 48 21	25°50'32	24°34	15°56	14°18	6°19	9°58	20°46	7°25	5°59	23°57	13°D24	12°23	12°55	20°12	T 19
F 20	21 52 17	26°48'13	7♐ 9	17°55	14°54	6°57	9°51	20°53	7°25	5°58	23°58	13°R24	12°20	13° 2	20°12	F 20
S 21	21 56 14	27°45'55	19°27	19°56	15°32	7°35	9°44	21° 0	7°25	5°57	23°58	13°24	12°17	13° 9	20°11	S 21
S 22	22 0 10	28°43'38	1♑31	21°57	16°10	8°13	9°37	21° 6	7°26	5°56	23°59	13°23	12°14	13°15	20°11	S 22
M23	22 4 7	29°41'22	13°27	23°58	16°50	8°51	9°30	21°13	7°26	5°56	24° 0	13°19	12°10	13°22	20°D11	M23
T 24	22 8 4	0♑39'07	25°18	25°59	17°31	9°29	9°23	21°20	7°26	5°55	24° 0	13°13	12° 7	13°29	20°11	T 24
W25	22 12 0	1°36'54	7♒ 8	28° 0	18°13	10° 7	9°16	21°26	7°27	5°54	24° 1	13° 4	12° 4	13°35	20°11	W25
T 26	22 15 57	2°34'41	19° 0	0♑ 0	18°56	10°46	9°10	21°33	7°27	5°53	24° 2	12°53	12° 1	13°42	20°12	T 26
F 27	22 19 53	3°32'31	0♓55	2° 0	19°40	11°24	9° 3	21°39	7°28	5°53	24° 2	12°40	11°58	13°49	20°12	F 27
S 28	22 23 50	4°30'21	12°55	3°59	20°25	12° 3	8°57	21°46	7°28	5°52	24° 3	12°26	11°55	13°56	20°12	S 28
S 29	22 27 46	5°28'13	25° 1	5°57	21°11	12°41	8°51	21°52	7°29	5°51	24° 3	12°13	11°51	14° 2	20°13	S 29
M30	22 31 43	6°26'07	7♈13	7°54	21°58	13°20	8°45	21°59	7°30	5°51	24° 4	12° 1	11°48	14° 9	20°13	M30
T 31	22 35 39	7♑24'02	19♈35	9♑51	22♋45	13♎58	8♒39	22♋ 5	7♐30	5♑50	24♊ 5	11♊51	11♊45	14♒16	20♐14	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	18n 6	10s16	5s 5	19n39	2s24	17n 3	6s 9	2n34	0n40	17s52	0s48	21n48	0s20	21s29	0n 4	22s12	1n 4	14n46	8s31	22n33	22n23	21s39	17s 4	6n 2	
M 2	17 51	5 22	4 57	19 47	2 9	17 4	6 8	2 19	0 39	17 55	0 48	21 47	0 20	21 29	0 4	22 12	1 4	14 46	8 31	22 32	22 23	21 38	17 4	6 1	
T 3	17 36	0 13	4 36	19 55	1 53	17 5	6 6	2 3	0 39	17 57	0 48	21 46	0 20	21 29	0 4	22 13	1 4	14 46	8 31	22 31	22 22	21 37	17 5	6 1	
W 4	17 20	5n 2	4 1	20 1	1 38	17 7	6 4	1 48	0 38	17 59	0 48	21 45	0 20	21 29	0 4	22 13	1 4	14 46	8 31	22 31	22 22	21 35	17 5	6 1	
T 5	17 4	10 12	3 14	20 6	1 22	17 8	6 2	1 33	0 37	18 2	0 48	21 44	0 20	21 29	0 4	22 13	1 4	14 46	8 31	22 30	22 21	21 34	17 5	6 0	
F 6	16 48	15 4	2 15	20 9	1 7	17 10	5 59	1 17	0 37	18 4	0 48	21 43	0 20	21 29	0 4	22 13	1 4	14 45	8 31	22 30	22 21	21 32	17 5	6 0	
S 7	16 31	19 21	1 8	20 10	0 52	17 12	5 56	1 2	0 36	18 6	0 49	21 42	0 20	21 29	0 4	22 13	1 4	14 45	8 32	22 30	22 21	21 31	17 6	6 0	
S 8	16 14	22 43	0n 5	20 10	0 38	17 14	5 53	0 46	0 35	18 8	0 49	21 41	0 20	21 28	0 4	22 13	1 4	14 45	8 32	22 31	22 20	21 29	17 6	5 59	
M 9	15 57	24 46	1 21	20 7	0 23	17 16	5 50	0 31	0 34	18 11	0 49	21 40	0 19	21 28	0 4	22 13	1 4	14 45	8 32	22 30	22 20	21 28	17 6	5 59	
T 10	15 40	25 11	2 33	20 2	0 10	17 18	5 46	0 15	0 34	18 13	0 49	21 39	0 19	21 28	0 4	22 13	1 4	14 45	8 32	22 30	22 19	21 26	17 6	5 59	
W11	15 22	23 47	3 36	19 55	0n 3	17 20	5 42	0s 0	0 33	18 15	0 49	21 38	0 19	21 28	0 4	22 13	1 4	14 45	8 32	22 29	22 19	21 25	17 7	5 58	
T 12	15 5	20 38	4 24	19 45	0 16	17 22	5 38	0 16	0 32	18 17	0 49	21 37	0 19	21 28	0 4	22 13	1 4	14 45	8 32	22 29	22 19	21 24	17 7	5 58	
F 13	14 47	16 5	4 54	19 32	0 28	17 24	5 34	0 31	0 32	18 19	0 49	21 36	0 19	21 28	0 4	22 13	1 4	14 45	8 32	22 27	22 18	21 22	17 7	5 57	
S 14	14 28	10 32	5 3	19 17	0 39	17 27	5 30	0 47	0 31	18 22	0 49	21 35	0 19	21 28	0 4	22 13	1 4	14 45	8 32	22 26	22 18	21 21	17 8	5 57	
S 15	14 10	4 30	4 51	18 59	0 49	17 29	5 25	1 2	0 30	18 24	0 49	21 34	0 19	21 28	0 4	22 14	1 3	14 45	8 32	22 25	22 17	21 19	17 8	5 57	
M16	13 51	1s37	4 21	18 38	0 59	17 31	5 20	1 18	0 30	18 26	0 49	21 33	0 19	21 28	0 4	22 14	1 3	14 45	8 33	22 24	22 17	21 18	17 8	5 56	
T 17	13 32	7 27	3 36	18 15	1 7	17 32	5 15	1 34	0 29	18 28	0 50	21 32	0 19	21 28	0 4	22 14	1 3	14 45	8 33	22 24	22 17	21 16	17 9	5 56	
W18	13 13	12 45	2 40	17 49	1 15	17 34	5 10	1 49	0 28	18 30	0 50	21 31	0 19	21 28	0 4	22 14	1 3	14 45	8 33	22 23	22 16	21 15	17 9	5 56	
T 19	12 54	17 18	1 38	17 21	1 22	17 36	5 5	2 5	0 28	18 32	0 50	21 31	0 19	21 28	0 4	22 14	1 3	14 45	8 33	22 23	22 16	21 13	17 9	5 55	
F 20	12 34	20 57	0 33	16 50	1 28	17 37	5 0	2 21	0 27	18 34	0 50	21 30	0 19	21 28	0 4	22 14	1 3	14 44	8 33	22 23	22 15	21 11	17 10	5 55	
S 21	12 14	23 32	0s32	16 18	1 33	17 38	4 55	2 36	0 26	18 36	0 50	21 29	0 19	21 28	0 3	22 14	1 3	14 44	8 33	22 23	22 15	21 10	17 10	5 54	
S 22	11 54	24 59	1 35	15 43	1 37	17 39	4 49	2 52	0 25	18 38	0 50	21 28	0 19	21 29	0 3	22 14	1 3	14 44	8 33	22 23	22 14	21 8	17 10	5 54	
M23	11 34	25 16	2 32	15 6	1 40	17 40	4 44	3 8	0 25	18 40	0 50	21 27	0 19	21 29	0 3	22 14	1 3	14 44	8 33	22 23	22 14	21 7	17 11	5 54	
T 24	11 14	24 22	3 22	14 28	1 43	17 40	4 38	3 23	0 24	18 42	0 50	21 26	0 18	21 29	0 3	22 14	1 3	14 44	8 34	22 22	22 14	21 5	17 11	5 53	
W25	10 54	22 24	4 4	13 48	1 45	17 41	4 33	3 39	0 23	18 44	0 50	21 25	0 18	21 29	0 3	22 14	1 3	14 44	8 34	22 21	22 13	21 4	17 12	5 53	
T 26	10 33	19 28	4 35	13 7	1 46	17 41	4 27	3 54	0 23	18 45	0 50	21 24	0 18	21 29	0 3	22 14	1 3	14 44	8 34	22 19	22 13	21 2	17 12	5 52	
F 27	10 12	15 43	4 54	12 24	1 46	17 40	4 21	4 10	0 22	18 47	0 50	21 23	0 18	21 29	0 3	22 14	1 3	14 44	8 34	22 18	22 12	21 1	17 13	5 52	
S 28	9 51	11 19	5 0	11 41	1 45	17 40	4 15	4 26	0 21	18 49	0 50	21 22	0 18	21 29	0 3	22 14	1 3	14 44	8 34	22 16	22 12	20 59	17 13	5 51	
S 29	9 30	6 27	4 52	10 56	1 44	17 39	4 9	4 41	0 21	18 51	0 50	21 21	0 18	21 29	0 3	22 15	1 3	14 44	8 34	22 14	22 12	20 57	17 13	5 51	
M30	9 9	1 18	4 32	10 11	1 43	17 38	4 3	4 57	0 20	18 52	0 50	21 20	0 18	21 29	0 3	22 15	1 3	14 43	8 34	22 13	22 11	20 56	17 14	5 51	
T 31	8n47	3n59	3s58	9n25	1n40	17n36	3s57	5s13	0n19	18s54	0s50	21n19	0s18	21s29	0n 3	22s15	1n 3	14n43	8s34	22n12	22n11	20s54	17s14	5n50	

Julian Day Number = 2506908.5, Delta T = 122.75 sec
Ecliptic obliquity = 23°25'13, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°51'30, Lahiri = 25°58'31

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2151
geocentric

SEPTEMBER 2151 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 39 36	8♍21'59	2♉ 7	11♍45	23♋33	14♎37	8°R33	22♋11	7♐31	5°R50	24♊ 5	11°R45	11♊42	14♒22	20♐15	W 1
T 2	22 43 33	9°19'57	14°51	13°39	24°22	15°16	8♒27	22°17	7°32	5♑49	24° 6	11♊41	11°39	14°29	20°16	T 2
F 3	22 47 29	10°17'58	27°51	15°32	25°12	15°55	8°21	22°23	7°33	5°49	24° 6	11°40	11°35	14°36	20°17	F 3
S 4	22 51 26	11°16'01	11♊11	17°23	26° 3	16°33	8°16	22°29	7°34	5°48	24° 6	11°40	11°32	14°43	20°18	S 4
S 5	22 55 22	12°14'05	24°51	19°13	26°54	17°12	8°11	22°35	7°35	5°48	24° 7	11°39	11°29	14°49	20°19	S 5
M 6	22 59 19	13°12'12	8♋55	21° 2	27°46	17°51	8° 6	22°41	7°36	5°47	24° 7	11°38	11°26	14°56	20°20	M 6
T 7	23 3 15	14°10'21	23°22	22°50	28°38	18°31	8° 1	22°47	7°37	5°47	24° 8	11°34	11°23	15° 3	20°21	T 7
W 8	23 7 12	15° 8'31	8♌10	24°37	29°32	19°10	7°56	22°53	7°38	5°47	24° 8	11°28	11°20	15° 9	20°23	W 8
T 9	23 11 8	16° 6'44	23°12	26°22	0♌25	19°49	7°51	22°59	7°39	5°46	24° 8	11°19	11°16	15°16	20°24	T 9
F 10	23 15 5	17° 4'58	8♍19	28° 6	1°20	20°28	7°47	23° 4	7°41	5°46	24° 9	11° 9	11°13	15°23	20°26	F 10
S 11	23 19 2	18° 3'14	23°22	29°49	2°15	21° 7	7°42	23°10	7°42	5°46	24° 9	10°57	11°10	15°29	20°27	S 11
S 12	23 22 58	19° 1'31	8♎11	1♎31	3°10	21°47	7°38	23°15	7°43	5°46	24° 9	10°47	11° 7	15°36	20°29	S 12
M13	23 26 55	19°59'50	22°37	3°11	4° 6	22°26	7°34	23°21	7°45	5°46	24°10	10°38	11° 4	15°43	20°31	M13
T 14	23 30 51	20°58'11	6♏36	4°51	5° 3	23° 6	7°31	23°26	7°46	5°45	24°10	10°32	11° 1	15°50	20°33	T 14
W15	23 34 48	21°56'34	20° 6	6°29	6° 0	23°45	7°27	23°32	7°47	5°45	24°10	10°29	10°57	15°56	20°35	W15
T 16	23 38 44	22°54'58	3♐ 8	8° 6	6°57	24°25	7°24	23°37	7°49	5°45	24°10	10°27	10°54	16° 3	20°37	T 16
F 17	23 42 41	23°53'24	15°46	9°42	7°55	25° 5	7°20	23°42	7°51	5°45	24°10	10°D27	10°51	16°10	20°39	F 17
S 18	23 46 37	24°51'51	28° 4	11°17	8°54	25°44	7°17	23°47	7°52	5°D45	24°10	10°R27	10°48	16°16	20°42	S 18
S 19	23 50 34	25°50'20	10♑ 9	12°51	9°52	26°24	7°14	23°52	7°54	5°45	24°11	10°26	10°45	16°23	20°44	S 19
M20	23 54 31	26°48'51	22° 4	14°24	10°52	27° 4	7°12	23°57	7°56	5°45	24°11	10°23	10°41	16°30	20°46	M20
T 21	23 58 27	27°47'23	3♒55	15°56	11°51	27°44	7° 9	24° 2	7°57	5°45	24°11	10°18	10°38	16°37	20°49	T 21
W22	0 2 24	28°45'57	15°46	17°27	12°51	28°24	7° 7	24° 7	7°59	5°46	24°11	10°10	10°35	16°43	20°52	W22
T 23	0 6 20	29°44'33	27°40	18°57	13°52	29° 4	7° 5	24°11	8° 1	5°46	24°11	10° 0	10°32	16°50	20°54	T 23
F 24	0 10 17	0♎43'10	9♓40	20°26	14°53	29°44	7° 3	24°16	8° 3	5°46	24°R11	9°48	10°29	16°57	20°57	F 24
S 25	0 14 13	1°41'49	21°48	21°53	15°54	0♏24	7° 1	24°20	8° 5	5°46	24°11	9°36	10°26	17° 3	21° 0	S 25
S 26	0 18 10	2°40'30	4♈ 5	23°20	16°56	1° 4	7° 0	24°25	8° 7	5°46	24°11	9°23	10°22	17°10	21° 3	S 26
M27	0 22 6	3°39'13	16°32	24°45	17°58	1°45	6°58	24°29	8° 9	5°47	24°11	9°13	10°19	17°17	21° 6	M27
T 28	0 26 3	4°37'58	29° 8	26°10	19° 0	2°25	6°57	24°33	8°11	5°47	24°11	9° 4	10°16	17°24	21° 9	T 28
W29	0 29 59	5°36'45	11♉55	27°33	20° 3	3° 5	6°56	24°38	8°13	5°47	24°11	8°58	10°13	17°30	21°12	W29
T 30	0 33 56	6♎35'35	24♉53	28♎55	21♌ 5	3♏46	6♒55	24♋42	8♐15	5♑48	24♊11	8♊55	10♊10	17♒37	21♐16	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	8n26	9n11	3s12	8n39	1n38	17n34	3s51	5s28	0n19	18s55	0s50	21n18	0s18	21s30	0n 3	22s15	1n 3	14n43	8s35	22n11	22n10	20s53	17s15	5n50
T 2	8 4	14 6	2 16	7 52	1 34	17 32	3 45	5 44	0 18	18 57	0 50	21 17	0 18	21 30	0 3	22 15	1 3	14 43	8 35	22 10	22 10	20 51	17 15	5 49
F 3	7 42	18 30	1 12	7 6	1 31	17 29	3 39	5 59	0 17	18 58	0 50	21 16	0 18	21 30	0 3	22 15	1 3	14 43	8 35	22 10	22 9	20 49	17 16	5 49
S 4	7 20	22 3	0 3	6 18	1 27	17 26	3 33	6 15	0 17	19 0	0 50	21 15	0 18	21 30	0 3	22 15	1 3	14 43	8 35	22 10	22 9	20 48	17 16	5 49
S 5	6 58	24 28	1n 9	5 31	1 22	17 22	3 27	6 30	0 16	19 1	0 50	21 14	0 18	21 30	0 3	22 15	1 3	14 43	8 35	22 10	22 9	20 46	17 17	5 48
M 6	6 36	25 26	2 19	4 44	1 17	17 18	3 21	6 46	0 15	19 2	0 50	21 13	0 18	21 30	0 3	22 15	1 3	14 43	8 35	22 10	22 8	20 45	17 17	5 48
T 7	6 13	24 42	3 21	3 57	1 12	17 14	3 15	7 1	0 15	19 4	0 50	21 13	0 17	21 31	0 3	22 15	1 3	14 42	8 35	22 9	22 8	20 43	17 18	5 47
W 8	5 51	22 16	4 12	3 9	1 6	17 9	3 9	7 17	0 14	19 5	0 50	21 12	0 17	21 31	0 3	22 15	1 3	14 42	8 36	22 8	22 7	20 41	17 18	5 47
T 9	5 28	18 16	4 46	2 22	1 1	17 4	3 3	7 32	0 13	19 6	0 50	21 11	0 17	21 31	0 3	22 15	1 3	14 42	8 36	22 7	22 7	20 40	17 19	5 46
F 10	5 6	13 5	5 0	1 35	0 55	16 58	2 57	7 48	0 13	19 7	0 50	21 10	0 17	21 31	0 3	22 15	1 2	14 42	8 36	22 6	22 6	20 38	17 19	5 46
S 11	4 43	7 7	4 53	0 49	0 48	16 52	2 51	8 3	0 12	19 8	0 50	21 9	0 17	21 31	0 3	22 15	1 2	14 42	8 36	22 4	22 6	20 36	17 20	5 46
S 12	4 20	0 51	4 27	0 2	0 42	16 46	2 45	8 18	0 11	19 10	0 50	21 8	0 17	21 32	0 3	22 15	1 2	14 42	8 36	22 3	22 5	20 35	17 20	5 45
M13	3 58	5s19	3 44	0s44	0 35	16 39	2 38	8 34	0 11	19 11	0 50	21 7	0 17	21 32	0 3	22 15	1 2	14 42	8 36	22 1	22 5	20 33	17 21	5 45
T 14	3 35	11 3	2 49	1 29	0 28	16 31	2 32	8 49	0 10	19 11	0 50	21 6	0 17	21 32	0 3	22 15	1 2	14 42	8 36	22 1	22 5	20 31	17 22	5 44
W15	3 12	16 3	1 46	2 15	0 21	16 24	2 26	9 4	0 9	19 12	0 50	21 6	0 17	21 32	0 3	22 16	1 2	14 41	8 37	22 0	22 4	20 30	17 22	5 44
T 16	2 49	20 8	0 39	3 0	0 14	16 15	2 20	9 19	0 9	19 13	0 50	21 5	0 17	21 33	0 3	22 16	1 2	14 41	8 37	22 0	22 4	20 28	17 23	5 43
F 17	2 25	23 8	0s28	3 44	0 7	16 7	2 14	9 34	0 8	19 14	0 50	21 4	0 17	21 33	0 3	22 16	1 2	14 41	8 37	22 0	22 3	20 26	17 23	5 43
S 18	2 2	24 56	1 32	4 28	0s 1	15 57	2 8	9 49	0 7	19 15	0 50	21 3	0 17	21 33	0 3	22 16	1 2	14 41	8 37	22 0	22 3	20 25	17 24	5 43
S 19	1 39	25 32	2 30	5 12	0 8	15 48	2 2	10 4	0 7	19 16	0 50	21 2	0 17	21 33	0 3	22 16	1 2	14 41	8 37	22 0	22 2	20 23	17 24	5 42
M20	1 16	24 56	3 22	5 55	0 15	15 37	1 57	10 19	0 6	19 16	0 50	21 2	0 17	21 34	0 3	22 16	1 2	14 41	8 37	21 59	22 2	20 21	17 25	5 42
T 21	0 53	23 12	4 4	6 37	0 23	15 27	1 51	10 34	0 6	19 17	0 50	21 1	0 17	21 34	0 3	22 16	1 2	14 41	8 37	21 59	22 1	20 20	17 26	5 41
W22	0 29	20 28	4 35	7 19	0 31	15 16	1 45	10 49	0 5	19 17	0 50	21 0	0 16	21 34	0 3	22 16	1 2	14 40	8 38	21 57	22 1	20 18	17 26	5 41
T 23	0 6	16 53	4 55	8 0	0 38	15 4	1 39	11 4	0 4	19 18	0 50	20 59	0 16	21 35	0 3	22 16	1 2	14 40	8 38	21 56	22 1	20 16	17 27	5 41
F 24	0s17	12 35	5 2	8 41	0 46	14 52	1 33	11 19	0 4	19 18	0 50	20 59	0 16	21 35	0 3	22 16	1 2	14 40	8 38	21 54	22 0	20 14	17 27	5 40
S 25	0 40	7 46	4 55	9 21	0 54	14 40	1 28	11 33	0 3	19 19	0 50	20 58	0 16	21 35	0 3	22 16	1 2	14 40	8 38	21 52	22 0	20 13	17 28	5 40
S 26	1 4	2 35	4 34	10 0	1 1	14 27	1 22	11 48	0 2	19 19	0 50	20 57	0 16	21 36	0 3	22 16	1 2	14 40	8 38	21 50	21 59	20 11	17 28	5 39
M27	1 27	2n47	4 1	10 39	1 9	14 14	1 16	12 3	0 2	19 19	0 50	20 56	0 16	21 36	0 3	22 16	1 2	14 40	8 38	21 49	21 59	20 9	17 29	5 39
T 28	1 50	8 7	3 15	11 17	1 16	14 0	1 11	12 17	0 1	19 20	0 50	20 56	0 16	21 36	0 3	22 16	1 2	14 40	8 38	21 48	21 58	20 7	17 30	5 39
W29	2 14	13 12	2 19	11 54	1 24	13 46	1 5	12 32	0 0	19 20	0 50	20 55	0 16	21 37	0 3	22 16	1 2	14 39	8 39	21 47	21 58	20 6	17 30	5 38
T 30	2s37	17n47	1s14	12s30	1s31	13n31	1s 0	12s46	0s 0	19s20	0s50	20n54	0s16	21s37	0n 3	22s16	1n 2	14n39	8s39	21n46	21n57	20s 4	17s31	5n38

Julian Day Number = 2506939.5, Delta T = 122.81 sec
Ecliptic obliquity = 23°25'14, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°51'34, Lahiri = 25°58'35

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2151
geocentric

OCTOBER 2151 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 37 53	7♎34'26	8♊ 4	0♏16	22♌ 9	4♏26	6°R55	24♋46	8♐17	5♑48	24°R10	8°D54	10♊ 7	17♒44	21♐19	F 1
S 2	0 41 49	8°33'20	21°28	1°36	23°12	5° 7	6♒55	24°50	8°20	5°49	24♊10	8♊55	10° 3	17°50	21°23	S 2
S 3	0 45 46	9°32'17	5♋ 8	2°54	24°16	5°48	6°D54	24°53	8°22	5°49	24°10	8°R55	10° 0	17°57	21°26	S 3
M 4	0 49 42	10°31'15	19° 5	4°11	25°20	6°28	6°54	24°57	8°24	5°50	24°10	8°55	9°57	18° 4	21°30	M 4
T 5	0 53 39	11°30'16	3♌19	5°27	26°25	7° 9	6°55	25° 1	8°27	5°50	24°10	8°53	9°54	18°11	21°33	T 5
W 6	0 57 35	12°29'19	17°47	6°41	27°30	7°50	6°55	25° 4	8°29	5°51	24° 9	8°49	9°51	18°17	21°37	W 6
T 7	1 1 32	13°28'25	2♍27	7°54	28°35	8°31	6°56	25° 8	8°32	5°51	24° 9	8°43	9°47	18°24	21°41	T 7
F 8	1 5 28	14°27'32	17°12	9° 5	29°40	9°12	6°57	25°11	8°34	5°52	24° 9	8°35	9°44	18°31	21°45	F 8
S 9	1 9 25	15°26'42	1♎55	10°14	0♍46	9°53	6°58	25°14	8°37	5°53	24° 9	8°26	9°41	18°37	21°49	S 9
S 10	1 13 22	16°25'54	16°27	11°22	1°51	10°34	6°59	25°17	8°39	5°54	24° 8	8°18	9°38	18°44	21°53	S 10
M11	1 17 18	17°25'08	0♏43	12°27	2°57	11°15	7° 0	25°20	8°42	5°54	24° 8	8°11	9°35	18°51	21°57	M11
T 12	1 21 15	18°24'24	14°36	13°30	4° 4	11°56	7° 2	25°23	8°44	5°55	24° 7	8° 7	9°32	18°58	22° 1	T 12
W13	1 25 11	19°23'42	28° 5	14°30	5°10	12°37	7° 4	25°26	8°47	5°56	24° 7	8° 4	9°28	19° 4	22° 6	W13
T 14	1 29 8	20°23'01	11♐ 8	15°28	6°17	13°19	7° 6	25°29	8°50	5°57	24° 7	8°D 4	9°25	19°11	22°10	T 14
F 15	1 33 4	21°22'23	23°49	16°23	7°24	14° 0	7° 8	25°32	8°53	5°58	24° 6	8° 5	9°22	19°18	22°14	F 15
S 16	1 37 1	22°21'46	6♑10	17°15	8°31	14°42	7°10	25°34	8°55	5°59	24° 6	8° 6	9°19	19°24	22°19	S 16
S 17	1 40 57	23°21'12	18°17	18° 3	9°38	15°23	7°13	25°37	8°58	5°59	24° 5	8°R 7	9°16	19°31	22°23	S 17
M18	1 44 54	24°20'38	0♒13	18°47	10°46	16° 5	7°16	25°39	9° 1	6° 0	24° 5	8° 7	9°12	19°38	22°28	M18
T 19	1 48 51	25°20'07	12° 6	19°27	11°54	16°46	7°19	25°41	9° 4	6° 1	24° 4	8° 5	9° 9	19°45	22°33	T 19
W20	1 52 47	26°19'37	23°58	20° 3	13° 2	17°28	7°22	25°43	9° 7	6° 2	24° 4	8° 2	9° 6	19°51	22°38	W20
T 21	1 56 44	27°19'10	5♓55	20°33	14°10	18°10	7°25	25°45	9°10	6° 4	24° 3	7°56	9° 3	19°58	22°42	T 21
F 22	2 0 40	28°18'43	17°59	20°57	15°18	18°52	7°29	25°47	9°13	6° 5	24° 3	7°50	9° 0	20° 5	22°47	F 22
S 23	2 4 37	29°18'19	0♈15	21°16	16°27	19°33	7°32	25°49	9°16	6° 6	24° 2	7°43	8°57	20°11	22°52	S 23
S 24	2 8 33	0♏17'57	12°43	21°28	17°35	20°15	7°36	25°51	9°19	6° 7	24° 1	7°36	8°53	20°18	22°57	S 24
M25	2 12 30	1°17'36	25°25	21°R32	18°44	20°57	7°40	25°52	9°22	6° 8	24° 1	7°30	8°50	20°25	23° 2	M25
T 26	2 16 26	2°17'18	8♉20	21°29	19°53	21°39	7°45	25°54	9°25	6° 9	24° 0	7°25	8°47	20°32	23° 7	T 26
W27	2 20 23	3°17'01	21°28	21°17	21° 2	22°21	7°49	25°55	9°28	6°11	23°59	7°22	8°44	20°38	23°12	W27
T 28	2 24 20	4°16'47	4♊49	20°57	22°12	23° 4	7°54	25°56	9°31	6°12	23°59	7°D21	8°41	20°45	23°18	T 28
F 29	2 28 16	5°16'35	18°21	20°28	23°21	23°46	7°58	25°57	9°35	6°13	23°58	7°22	8°38	20°52	23°23	F 29
S 30	2 32 13	6°16'25	2♋ 3	19°49	24°31	24°28	8° 3	25°58	9°38	6°14	23°57	7°23	8°34	20°58	23°28	S 30
S 31	2 36 9	7♏16'17	15♋55	19♏ 2	25♍41	25♏10	8♒ 9	25♋59	9♐41	6♑16	23♊57	7♊25	8♊31	21♒ 5	23♐34	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	3s 0	21n34	0s 5	13s 6	1s39	13n16	0s54	13s 0	0s 1	19s20	0s50	20n54	0s16	21s37	0n 3	22s16	1n 2	14n39	8s39	21n46	21n57	20s 2	17s31	5n38
S 2	3 23	24 15	1n 7	13 41	1 46	13 0	0 49	13 14	0 1	19 20	0 50	20 53	0 16	21 38	0 3	22 16	1 2	14 39	8 39	21 46	21 56	20 0	17 32	5 37
S 3	3 47	25 35	2 15	14 14	1 53	12 44	0 44	13 29	0 2	19 20	0 50	20 53	0 16	21 38	0 3	22 16	1 1	14 39	8 39	21 46	21 56	19 58	17 33	5 37
M 4	4 10	25 19	3 18	14 47	2 0	12 28	0 38	13 43	0 3	19 20	0 50	20 52	0 16	21 38	0 3	22 16	1 1	14 39	8 39	21 46	21 55	19 57	17 33	5 36
T 5	4 33	23 26	4 9	15 19	2 7	12 11	0 33	13 57	0 3	19 20	0 50	20 51	0 16	21 39	0 3	22 16	1 1	14 39	8 39	21 46	21 55	19 55	17 34	5 36
W 6	4 56	20 1	4 45	15 50	2 14	11 54	0 28	14 10	0 4	19 20	0 50	20 51	0 16	21 39	0 3	22 16	1 1	14 38	8 40	21 45	21 55	19 53	17 34	5 36
T 7	5 19	15 19	5 4	16 20	2 20	11 36	0 23	14 24	0 5	19 20	0 50	20 50	0 15	21 40	0 3	22 16	1 1	14 38	8 40	21 44	21 54	19 51	17 35	5 35
F 8	5 42	9 41	5 2	16 49	2 26	11 18	0 18	14 38	0 5	19 19	0 50	20 50	0 15	21 40	0 3	22 16	1 1	14 38	8 40	21 43	21 54	19 49	17 35	5 35
S 9	6 5	3 32	4 40	17 17	2 32	10 59	0 13	14 51	0 6	19 19	0 50	20 49	0 15	21 40	0 3	22 16	1 1	14 38	8 40	21 42	21 53	19 48	17 36	5 35
S 10	6 27	2s45	4 1	17 44	2 38	10 40	0 8	15 5	0 6	19 19	0 50	20 49	0 15	21 41	0 3	22 16	1 1	14 38	8 40	21 40	21 53	19 46	17 37	5 34
M11	6 50	8 48	3 7	18 9	2 44	10 21	0 4	15 18	0 7	19 18	0 49	20 48	0 15	21 41	0 3	22 16	1 1	14 38	8 40	21 39	21 52	19 44	17 37	5 34
T 12	7 13	14 15	2 3	18 34	2 49	10 2	0n 1	15 32	0 8	19 18	0 49	20 48	0 15	21 42	0 3	22 16	1 1	14 37	8 40	21 39	21 52	19 42	17 38	5 34
W13	7 35	18 51	0 54	18 56	2 54	9 42	0 5	15 45	0 8	19 17	0 49	20 47	0 15	21 42	0 3	22 16	1 1	14 37	8 41	21 38	21 51	19 40	17 38	5 33
T 14	7 57	22 22	0s17	19 18	2 58	9 21	0 10	15 58	0 9	19 17	0 49	20 47	0 15	21 43	0 3	22 16	1 1	14 37	8 41	21 38	21 51	19 39	17 39	5 33
F 15	8 20	24 41	1 24	19 38	3 2	9 1	0 14	16 11	0 10	19 16	0 49	20 46	0 15	21 43	0 3	22 16	1 1	14 37	8 41	21 38	21 50	19 37	17 39	5 33
S 16	8 42	25 42	2 26	19 56	3 5	8 40	0 19	16 24	0 10	19 16	0 49	20 46	0 15	21 43	0 3	22 16	1 1	14 37	8 41	21 38	21 50	19 35	17 40	5 32
S 17	9 4	25 29	3 20	20 12	3 8	8 18	0 23	16 36	0 11	19 15	0 49	20 46	0 15	21 44	0 3	22 16	1 1	14 37	8 41	21 39	21 49	19 33	17 41	5 32
M18	9 26	24 4	4 5	20 27	3 11	7 57	0 27	16 49	0 11	19 14	0 49	20 45	0 15	21 44	0 3	22 16	1 1	14 37	8 41	21 39	21 49	19 31	17 41	5 32
T 19	9 48	21 36	4 38	20 40	3 12	7 35	0 31	17 2	0 12	19 13	0 49	20 45	0 15	21 45	0 3	22 16	1 1	14 36	8 41	21 38	21 48	19 29	17 42	5 31
W20	10 9	18 14	5 0	20 50	3 13	7 12	0 35	17 14	0 13	19 12	0 49	20 45	0 15	21 45	0 3	22 16	1 1	14 36	8 41	21 38	21 48	19 27	17 42	5 31
T 21	10 31	14 7	5 9	20 59	3 13	6 50	0 39	17 26	0 13	19 11	0 49	20 44	0 15	21 46	0 3	22 16	1 1	14 36	8 42	21 37	21 47	19 25	17 43	5 31
F 22	10 52	9 25	5 5	21 4	3 12	6 27	0 43	17 38	0 14	19 10	0 49	20 44	0 14	21 46	0 3	22 16	1 1	14 36	8 42	21 36	21 47	19 24	17 43	5 31
S 23	11 13	4 17	4 46	21 7	3 10	6 4	0 47	17 50	0 14	19 9	0 49	20 44	0 14	21 47	0 3	22 16	1 1	14 36	8 42	21 35	21 46	19 22	17 44	5 30
S 24	11 34	1n 7	4 14	21 8	3 7	5 41	0 50	18 2	0 15	19 8	0 49	20 44	0 14	21 47	0 3	22 16	1 1	14 36	8 42	21 34	21 46	19 20	17 44	5 30
M25	11 55	6 35	3 28	21 5	3 3	5 17	0 54	18 14	0 16	19 7	0 49	20 43	0 14	21 48	0 3	22 16	1 1	14 36	8 42	21 33	21 45	19 18	17 45	5 30
T 26	12 16	11 53	2 32	20 59	2 58	4 53	0 58	18 25	0 16	19 6	0 49	20 43	0 14	21 48	0 3	22 16	1 1	14 35	8 42	21 32	21 45	19 16	17 45	5 30
W27	12 36	16 44	1 26	20 49	2 51	4 29	1 1	18 37	0 17	19 5	0 49	20 43	0 14	21 49	0 3	22 16	1 0	14 35	8 42	21 31	21 44	19 14	17 46	5 29
T 28	12 56	20 51	0 14	20 35	2 42	4 5	1 4	18 48	0 17	19 4	0 49	20 43	0 14	21 49	0 3	22 16	1 0	14 35	8 42	21 31	21 44	19 12	17 46	5 29
F 29	13 16	23 54	1n 0	20 17	2 32	3 40	1 7	18 59	0 18	19 2	0 48	20 43	0 14	21 50	0 3	22 16	1 0	14 35	8 42	21 31	21 43	19 10	17 47	5 29
S 30	13 36	25 35	2 11	19 55	2 20	3 15	1 10	19 10	0 19	19 1	0 48	20 43	0 14	21 50	0 3	22 16	1 0	14 35	8 43	21 32	21 43	19 8	17 47	5 29
S 31	13s56	25n42	3n15	19s29	2s 6	2n50	1n13	19s21	0s19	19s 0	0s48	20n42	0s14	21s50	0n 3	22s16	1n 0	14n35	8s43	21n32	21n42	19s 6	17s48	5n28

Julian Day Number = 2506969.5, Delta T = 122.87 sec
Ecliptic obliquity = 23°25'14, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°51'39, Lahiri = 25°58'39

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2151
geocentric

NOVEMBER 2151 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 40 6	8♏16'11	29♋56	18°R 6	26♍51	25♏53	8♒14	26♋ 0	9♐44	6♑17	23°R56	7♊26	8♊28	21♒12	23♐39	M 1
T 2	2 44 2	9°16'08	14♌ 4	17♏ 2	28° 1	26°35	8°19	26° 1	9°48	6°19	23♊55	7°R26	8°25	21°19	23°45	T 2
W 3	2 47 59	10°16'06	28°19	15°52	29°11	27°18	8°25	26° 1	9°51	6°20	23°54	7°25	8°22	21°25	23°50	W 3
T 4	2 51 55	11°16'07	12♍37	14°37	0♎22	28° 0	8°31	26° 2	9°54	6°21	23°54	7°22	8°18	21°32	23°56	T 4
F 5	2 55 52	12°16'10	26°55	13°19	1°32	28°43	8°37	26° 2	9°58	6°23	23°53	7°19	8°15	21°39	24° 1	F 5
S 6	2 59 49	13°16'15	11♎ 9	12° 1	2°43	29°26	8°43	26° 3	10° 1	6°24	23°52	7°16	8°12	21°45	24° 7	S 6
S 7	3 3 45	14°16'22	25°14	10°46	3°54	0♐ 8	8°49	26° 3	10° 4	6°26	23°51	7°12	8° 9	21°52	24°13	S 7
M 8	3 7 42	15°16'31	9♏ 7	9°34	5° 5	0°51	8°56	26°R 3	10° 8	6°28	23°50	7° 9	8° 6	21°59	24°19	M 8
T 9	3 11 38	16°16'42	22°43	8°30	6°16	1°34	9° 3	26° 3	10°11	6°29	23°49	7° 8	8° 3	22° 6	24°25	T 9
W10	3 15 35	17°16'55	6♐ 0	7°34	7°27	2°17	9° 9	26° 2	10°15	6°31	23°48	7°D 7	7°59	22°12	24°30	W10
T 11	3 19 31	18°17'10	18°57	6°48	8°39	3° 0	9°16	26° 2	10°18	6°32	23°47	7° 7	7°56	22°19	24°36	T 11
F 12	3 23 28	19°17'26	1♑36	6°13	9°50	3°43	9°24	26° 2	10°22	6°34	23°47	7° 9	7°53	22°26	24°42	F 12
S 13	3 27 24	20°17'43	13°58	5°50	11° 1	4°26	9°31	26° 1	10°25	6°36	23°46	7°10	7°50	22°32	24°48	S 13
S 14	3 31 21	21°18'02	26° 6	5°39	12°13	5° 9	9°38	26° 0	10°29	6°38	23°45	7°11	7°47	22°39	24°54	S 14
M15	3 35 18	22°18'23	8♒ 4	5°D38	13°25	5°53	9°46	26° 0	10°32	6°39	23°44	7°13	7°44	22°46	25° 0	M15
T 16	3 39 14	23°18'45	19°57	5°49	14°37	6°36	9°54	25°59	10°36	6°41	23°43	7°R13	7°40	22°53	25° 7	T 16
W17	3 43 11	24°19'08	1♓50	6°10	15°49	7°19	10° 2	25°58	10°39	6°43	23°42	7°13	7°37	22°59	25°13	W17
T 18	3 47 7	25°19'33	13°47	6°41	17° 1	8° 3	10°10	25°57	10°43	6°45	23°41	7°12	7°34	23° 6	25°19	T 18
F 19	3 51 4	26°19'59	25°53	7°19	18°13	8°46	10°18	25°55	10°47	6°46	23°40	7°11	7°31	23°13	25°25	F 19
S 20	3 55 0	27°20'26	8♈11	8° 6	19°25	9°30	10°26	25°54	10°50	6°48	23°39	7°10	7°28	23°19	25°31	S 20
S 21	3 58 57	28°20'55	20°45	8°59	20°37	10°13	10°35	25°53	10°54	6°50	23°38	7° 8	7°24	23°26	25°38	S 21
M22	4 2 53	29°21'25	3♉38	9°58	21°50	10°57	10°43	25°51	10°57	6°52	23°37	7° 7	7°21	23°33	25°44	M22
T 23	4 6 50	0♐21'57	16°49	11° 2	23° 2	11°41	10°52	25°49	11° 1	6°54	23°36	7° 7	7°18	23°40	25°50	T 23
W24	4 10 47	1°22'30	0♊19	12°10	24°15	12°24	11° 1	25°48	11° 5	6°56	23°34	7°D 6	7°15	23°46	25°57	W24
T 25	4 14 43	2°23'04	14° 6	13°22	25°27	13° 8	11°10	25°46	11° 8	6°58	23°33	7° 6	7°12	23°53	26° 3	T 25
F 26	4 18 40	3°23'40	28° 6	14°38	26°40	13°52	11°19	25°44	11°12	7° 0	23°32	7° 6	7° 9	24° 0	26°10	F 26
S 27	4 22 36	4°24'18	12♋16	15°56	27°53	14°36	11°28	25°42	11°16	7° 2	23°31	7° 7	7° 5	24° 7	26°16	S 27
S 28	4 26 33	5°24'57	26°32	17°17	29° 6	15°20	11°38	25°40	11°19	7° 4	23°30	7° 7	7° 2	24°13	26°23	S 28
M29	4 30 29	6°25'38	10♌51	18°39	0♏19	16° 4	11°47	25°37	11°23	7° 6	23°29	7° 7	6°59	24°20	26°29	M29
T 30	4 34 26	7♐26'20	25♌ 7	20♏ 4	1♏32	16♐48	11♒57	25♋35	11♐27	7♑ 8	23♊28	7°R 7	6♊56	24♒27	26♐36	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14s15	24n12	4n 9	18s59	1s50	2n25	1n16	19s32	0s20	18s58	0s48	20n42	0s14	21s51	0n 3	22s16	1n 0	14n35	8s43	21n32	21n42	19s 4	17s48	5n28
T 2	14 34	21 11	4 48	18 24	1 33	2 0	1 19	19 42	0 20	18 57	0 48	20 42	0 14	21 51	0 3	22 16	1 0	14 35	8 43	21 32	21 41	19 2	17 49	5 28
W 3	14 53	16 53	5 9	17 46	1 15	1 34	1 22	19 53	0 21	18 55	0 48	20 42	0 14	21 52	0 3	22 16	1 0	14 34	8 43	21 32	21 41	19 0	17 49	5 28
T 4	15 12	11 38	5 12	17 6	0 55	1 9	1 24	20 3	0 22	18 54	0 48	20 42	0 14	21 52	0 3	22 16	1 0	14 34	8 43	21 31	21 40	18 59	17 50	5 27
F 5	15 30	5 45	4 55	16 23	0 35	0 43	1 27	20 13	0 22	18 52	0 48	20 42	0 13	21 53	0 3	22 16	1 0	14 34	8 43	21 31	21 40	18 57	17 50	5 27
S 6	15 49	0s24	4 21	15 40	0 14	0 17	1 29	20 23	0 23	18 50	0 48	20 42	0 13	21 53	0 3	22 16	1 0	14 34	8 43	21 30	21 39	18 55	17 51	5 27
S 7	16 7	6 30	3 30	14 57	0n 6	0s 9	1 32	20 33	0 23	18 49	0 48	20 42	0 13	21 54	0 3	22 16	1 0	14 34	8 43	21 30	21 39	18 53	17 51	5 27
M 8	16 24	12 11	2 28	14 15	0 26	0 35	1 34	20 42	0 24	18 47	0 48	20 42	0 13	21 55	0 3	22 16	1 0	14 34	8 43	21 29	21 38	18 51	17 52	5 27
T 9	16 42	17 10	1 19	13 37	0 45	1 1	1 36	20 51	0 24	18 45	0 48	20 42	0 13	21 55	0 3	22 16	1 0	14 34	8 43	21 29	21 38	18 49	17 52	5 26
W10	16 59	21 11	0 6	13 2	1 3	1 27	1 38	21 1	0 25	18 43	0 48	20 43	0 13	21 56	0 3	22 16	1 0	14 34	8 43	21 29	21 37	18 47	17 52	5 26
T 11	17 16	24 2	1s 5	12 32	1 19	1 54	1 40	21 10	0 26	18 41	0 48	20 43	0 13	21 56	0 3	22 16	1 0	14 33	8 44	21 29	21 37	18 45	17 53	5 26
F 12	17 32	25 36	2 11	12 7	1 33	2 20	1 42	21 18	0 26	18 39	0 48	20 43	0 13	21 57	0 3	22 16	1 0	14 33	8 44	21 29	21 36	18 43	17 53	5 26
S 13	17 48	25 50	3 10	11 47	1 46	2 46	1 43	21 27	0 27	18 37	0 48	20 43	0 13	21 57	0 3	22 16	1 0	14 33	8 44	21 29	21 36	18 41	17 54	5 26
S 14	18 4	24 49	3 59	11 34	1 56	3 13	1 45	21 35	0 27	18 35	0 48	20 43	0 13	21 58	0 3	22 16	1 0	14 33	8 44	21 30	21 35	18 39	17 54	5 26
M15	18 20	22 41	4 36	11 26	2 5	3 39	1 47	21 44	0 28	18 33	0 48	20 44	0 13	21 58	0 2	22 15	1 0	14 33	8 44	21 30	21 35	18 37	17 54	5 25
T 16	18 35	19 35	5 2	11 23	2 12	4 6	1 48	21 52	0 28	18 31	0 47	20 44	0 13	21 59	0 2	22 15	1 0	14 33	8 44	21 30	21 34	18 35	17 55	5 25
W17	18 50	15 43	5 15	11 25	2 17	4 32	1 49	21 59	0 29	18 29	0 47	20 44	0 13	21 59	0 2	22 15	1 0	14 33	8 44	21 30	21 34	18 33	17 55	5 25
T 18	19 5	11 12	5 14	11 31	2 20	4 58	1 51	22 7	0 29	18 27	0 47	20 44	0 12	22 0	0 2	22 15	1 0	14 33	8 44	21 30	21 33	18 31	17 55	5 25
F 19	19 19	6 13	5 0	11 42	2 22	5 25	1 52	22 14	0 30	18 24	0 47	20 45	0 12	22 0	0 2	22 15	1 0	14 33	8 44	21 30	21 33	18 28	17 56	5 25
S 20	19 33	0 55	4 31	11 56	2 23	5 51	1 53	22 22	0 31	18 22	0 47	20 45	0 12	22 1	0 2	22 15	1 0	14 33	8 44	21 29	21 32	18 26	17 56	5 25
S 21	19 47	4n33	3 49	12 14	2 23	6 17	1 54	22 29	0 31	18 20	0 47	20 45	0 12	22 1	0 2	22 15	1 0	14 33	8 44	21 29	21 32	18 24	17 56	5 25
M22	20 0	9 58	2 55	12 33	2 21	6 44	1 54	22 35	0 32	18 17	0 47	20 46	0 12	22 2	0 2	22 15	1 0	14 32	8 44	21 29	21 31	18 22	17 57	5 25
T 23	20 13	15 5	1 50	12 55	2 19	7 10	1 55	22 42	0 32	18 15	0 47	20 46	0 12	22 2	0 2	22 15	1 0	14 32	8 44	21 29	21 31	18 20	17 57	5 25
W24	20 25	19 35	0 38	13 19	2 16	7 36	1 56	22 48	0 33	18 12	0 47	20 46	0 12	22 3	0 2	22 15	1 0	14 32	8 44	21 29	21 30	18 18	17 57	5 24
T 25	20 37	23 7	0n39	13 45	2 12	8 2	1 56	22 54	0 33	18 10	0 47	20 47	0 12	22 3	0 2	22 15	0 59	14 32	8 44	21 29	21 30	18 16	17 57	5 24
F 26	20 49	25 18	1 54	14 11	2 7	8 28	1 57	23 0	0 34	18 7	0 47	20 47	0 12	22 4	0 2	22 15	0 59	14 32	8 44	21 29	21 29	18 14	17 58	5 24
S 27	21 0	25 53	3 3	14 38	2 2	8 53	1 57	23 6	0 34	18 5	0 47	20 48	0 12	22 4	0 2	22 15	0 59	14 32	8 44	21 29	21 29	18 12	17 58	5 24
S 28	21 11	24 46	4 1	15 6	1 57	9 19	1 57	23 11	0 35	18 2	0 47	20 48	0 12	22 5	0 2	22 15	0 59	14 32	8 44	21 29	21 28	18 10	17 58	5 24
M29	21 22	22 3	4 44	15 35	1 51	9 44	1 58	23 17	0 35	17 59	0 47	20 49	0 11	22 5	0 2	22 15	0 59	14 32	8 44	21 29	21 28	18 8	17 58	5 24
T 30	21s32	18n 0	5n10	16s 3	1n45	10s 9	1n58	23s22	0s36	17s57	0s47	20n49	0s11	22s 6	0n 2	22s14	0n59	14n32	8s44	21n29	21n27	18s 6	17s59	5n24

Julian Day Number = 2507000.5, Delta T = 122.93 sec
Ecliptic obliquity = 23°25'14, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°51'43, Lahiri = 25°58'43

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2151
geocentric

DECEMBER 2151 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 38 23	8♐27'04	9♍20	21♏30	2♏45	17♐32	12♒ 7	25°R32	11♐30	7♑10	23°R27	7°D 7	6♊53	24♒33	26♐42	W 1
T 2	4 42 19	9°27'50	23°26	22°57	3°58	18°16	12°16	25♋30	11°34	7°12	23♊26	7♊ 7	6°50	24°40	26°49	T 2
F 3	4 46 16	10°28'37	7♎23	24°25	5°12	19° 0	12°27	25°27	11°38	7°14	23°25	7° 7	6°46	24°47	26°55	F 3
S 4	4 50 12	11°29'25	21°11	25°54	6°25	19°45	12°37	25°24	11°41	7°16	23°23	7° 8	6°43	24°54	27° 2	S 4
S 5	4 54 9	12°30'15	4♏48	27°23	7°38	20°29	12°47	25°22	11°45	7°18	23°22	7° 8	6°40	25° 0	27° 9	S 5
M 6	4 58 5	13°31'06	18°12	28°53	8°52	21°13	12°57	25°19	11°49	7°20	23°21	7° 9	6°37	25° 7	27°15	M 6
T 7	5 2 2	14°31'59	1♐23	0♐24	10° 5	21°58	13° 8	25°16	11°53	7°22	23°20	7°R 9	6°34	25°14	27°22	T 7
W 8	5 5 58	15°32'53	14°21	1°55	11°19	22°42	13°18	25°12	11°56	7°24	23°19	7° 9	6°30	25°20	27°29	W 8
T 9	5 9 55	16°33'48	27° 5	3°26	12°32	23°27	13°29	25° 9	12° 0	7°27	23°18	7° 8	6°27	25°27	27°35	T 9
F 10	5 13 52	17°34'44	9♑35	4°58	13°46	24°12	13°40	25° 6	12° 4	7°29	23°17	7° 7	6°24	25°34	27°42	F 10
S 11	5 17 48	18°35'41	21°52	6°30	15° 0	24°56	13°51	25° 2	12° 7	7°31	23°15	7° 6	6°21	25°41	27°49	S 11
S 12	5 21 45	19°36'38	3♒58	8° 2	16°14	25°41	14° 2	24°59	12°11	7°33	23°14	7° 4	6°18	25°47	27°55	S 12
M13	5 25 41	20°37'37	15°56	9°34	17°27	26°26	14°13	24°55	12°15	7°35	23°13	7° 2	6°15	25°54	28° 2	M13
T 14	5 29 38	21°38'36	27°49	11° 7	18°41	27°11	14°24	24°52	12°18	7°37	23°12	7° 0	6°11	26° 1	28° 9	T 14
W15	5 33 34	22°39'35	9♓40	12°40	19°55	27°56	14°36	24°48	12°22	7°40	23°11	6°59	6° 8	26° 8	28°16	W15
T 16	5 37 31	23°40'35	21°35	14°12	21° 9	28°40	14°47	24°44	12°26	7°42	23°10	6°D58	6° 5	26°14	28°22	T 16
F 17	5 41 27	24°41'36	3♈38	15°45	22°23	29°25	14°58	24°40	12°29	7°44	23° 8	6°59	6° 2	26°21	28°29	F 17
S 18	5 45 24	25°42'37	15°54	17°18	23°37	0♑10	15°10	24°36	12°33	7°46	23° 7	7° 0	5°59	26°28	28°36	S 18
S 19	5 49 21	26°43'39	28°27	18°51	24°51	0°55	15°22	24°32	12°36	7°49	23° 6	7° 1	5°56	26°34	28°43	S 19
M20	5 53 17	27°44'41	11♉22	20°24	26° 5	1°41	15°34	24°28	12°40	7°51	23° 5	7° 3	5°52	26°41	28°49	M20
T 21	5 57 14	28°45'43	24°39	21°58	27°19	2°26	15°45	24°24	12°44	7°53	23° 4	7° 4	5°49	26°48	28°56	T 21
W22	6 1 10	29°46'46	8♊22	23°31	28°33	3°11	15°57	24°20	12°47	7°55	23° 3	7°R 4	5°46	26°55	29° 3	W22
T 23	6 5 7	0♑47'50	22°28	25° 5	29°48	3°56	16° 9	24°15	12°51	7°58	23° 1	7° 4	5°43	27° 1	29°10	T 23
F 24	6 9 3	1°48'54	6♋53	26°39	1♐ 2	4°42	16°22	24°11	12°54	8° 0	23° 0	7° 2	5°40	27° 8	29°16	F 24
S 25	6 13 0	2°49'59	21°33	28°13	2°16	5°27	16°34	24° 7	12°58	8° 2	22°59	6°58	5°36	27°15	29°23	S 25
S 26	6 16 56	3°51'04	6♌19	29°47	3°30	6°12	16°46	24° 2	13° 1	8° 4	22°58	6°55	5°33	27°21	29°30	S 26
M27	6 20 53	4°52'10	21° 5	1♑21	4°45	6°58	16°58	23°58	13° 5	8° 7	22°57	6°51	5°30	27°28	29°37	M27
T 28	6 24 50	5°53'16	5♍43	2°56	5°59	7°43	17°11	23°53	13° 8	8° 9	22°56	6°47	5°27	27°35	29°43	T 28
W29	6 28 46	6°54'23	20° 8	4°31	7°14	8°29	17°23	23°49	13°12	8°11	22°55	6°45	5°24	27°42	29°50	W29
T 30	6 32 43	7°55'30	4♎16	6° 6	8°28	9°14	17°36	23°44	13°15	8°13	22°53	6°D43	5°21	27°48	29°57	T 30
F 31	6 36 39	8♑56'39	18♎ 6	7♑41	9♐42	10♑ 0	17♒49	23♋39	13♐19	8♑16	22♊52	6♊44	5♊17	27♒55	0♑ 4	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21 s42	12n57	5n17	16 s32	1n39	10 s34	1n58	23 s26	0 s36	17 s54	0 s47	20n50	0 s11	22 s 6	0n 2	22 s14	0n59	14n32	8 s44	21n29	21n26	18 s 4	17 s59	5n24
T 2	21 51	7 16	5 4	17 0	1 32	10 59	1 58	23 31	0 37	17 51	0 47	20 50	0 11	22 7	0 2	22 14	0 59	14 32	8 44	21 29	21 26	18 2	17 59	5 24
F 3	22 0	1 16	4 34	17 29	1 25	11 24	1 57	23 35	0 37	17 48	0 47	20 51	0 11	22 7	0 2	22 14	0 59	14 32	8 44	21 29	21 25	17 59	17 59	5 24
S 4	22 9	4 s44	3 48	17 57	1 18	11 48	1 57	23 39	0 38	17 45	0 47	20 52	0 11	22 8	0 2	22 14	0 59	14 32	8 44	21 29	21 25	17 57	17 59	5 24
S 5	22 17	10 26	2 50	18 24	1 11	12 12	1 57	23 43	0 38	17 42	0 47	20 52	0 11	22 8	0 2	22 14	0 59	14 32	8 44	21 29	21 24	17 55	17 59	5 24
M 6	22 24	15 35	1 43	18 51	1 4	12 36	1 56	23 47	0 39	17 39	0 47	20 53	0 11	22 9	0 2	22 14	0 59	14 32	8 44	21 29	21 24	17 53	18 0	5 24
T 7	22 31	19 54	0 32	19 17	0 57	13 0	1 56	23 50	0 39	17 36	0 47	20 53	0 11	22 9	0 2	22 14	0 59	14 31	8 44	21 29	21 23	17 51	18 0	5 24
W 8	22 38	23 10	0 s40	19 43	0 50	13 23	1 55	23 53	0 40	17 33	0 47	20 54	0 11	22 10	0 2	22 14	0 59	14 31	8 44	21 29	21 23	17 49	18 0	5 24
T 9	22 45	25 11	1 48	20 8	0 42	13 46	1 54	23 56	0 40	17 30	0 47	20 55	0 11	22 10	0 2	22 14	0 59	14 31	8 44	21 29	21 22	17 47	18 0	5 24
F 10	22 50	25 54	2 50	20 32	0 35	14 9	1 54	23 58	0 41	17 27	0 47	20 55	0 11	22 11	0 2	22 14	0 59	14 31	8 44	21 29	21 22	17 44	18 0	5 24
S 11	22 56	25 19	3 43	20 55	0 28	14 32	1 53	24 1	0 41	17 24	0 46	20 56	0 10	22 11	0 2	22 13	0 59	14 31	8 44	21 29	21 21	17 42	18 0	5 24
S 12	23 1	23 32	4 25	21 17	0 21	14 54	1 52	24 3	0 42	17 21	0 46	20 57	0 10	22 12	0 2	22 13	0 59	14 31	8 44	21 28	21 21	17 40	18 0	5 24
M13	23 5	20 44	4 55	21 39	0 13	15 15	1 51	24 5	0 42	17 18	0 46	20 58	0 10	22 12	0 2	22 13	0 59	14 31	8 44	21 28	21 20	17 38	18 0	5 24
T 14	23 9	17 6	5 12	21 59	0 6	15 37	1 50	24 6	0 43	17 14	0 46	20 58	0 10	22 13	0 2	22 13	0 59	14 31	8 44	21 28	21 19	17 36	18 0	5 24
W15	23 13	12 48	5 15	22 19	0 s 1	15 58	1 48	24 8	0 43	17 11	0 46	20 59	0 10	22 13	0 2	22 13	0 59	14 31	8 44	21 28	21 19	17 34	18 0	5 24
T 16	23 16	8 1	5 6	22 37	0 8	16 18	1 47	24 9	0 44	17 8	0 46	21 0	0 10	22 14	0 2	22 13	0 59	14 31	8 44	21 27	21 18	17 32	18 0	5 24
F 17	23 19	2 52	4 42	22 54	0 15	16 39	1 46	24 9	0 44	17 4	0 46	21 1	0 10	22 14	0 2	22 13	0 59	14 31	8 44	21 27	21 18	17 29	18 0	5 24
S 18	23 21	2n28	4 6	23 10	0 21	16 59	1 44	24 10	0 45	17 1	0 46	21 2	0 10	22 15	0 2	22 13	0 59	14 31	8 44	21 28	21 17	17 27	18 0	5 25
S 19	23 23	7 51	3 17	23 25	0 28	17 18	1 43	24 10	0 45	16 57	0 46	21 2	0 10	22 15	0 2	22 13	0 59	14 31	8 44	21 28	21 17	17 25	18 0	5 25
M20	23 24	13 3	2 17	23 39	0 34	17 37	1 42	24 10	0 46	16 54	0 46	21 3	0 10	22 16	0 2	22 12	0 59	14 31	8 44	21 28	21 16	17 23	18 0	5 25
T 21	23 25	17 49	1 8	23 51	0 41	17 55	1 40	24 10	0 46	16 50	0 46	21 4	0 9	22 16	0 2	22 12	0 59	14 31	8 44	21 28	21 16	17 21	18 0	5 25
W22	23 25	21 48	0n 7	24 3	0 47	18 13	1 38	24 10	0 47	16 47	0 46	21 5	0 9	22 17	0 2	22 12	0 59	14 31	8 44	21 28	21 15	17 18	18 0	5 25
T 23	23 25	24 36	1 24	24 13	0 53	18 31	1 37	24 9	0 47	16 43	0 46	21 6	0 9	22 17	0 2	22 12	0 59	14 31	8 44	21 28	21 14	17 16	18 0	5 25
F 24	23 24	25 51	2 36	24 22	0 59	18 48	1 35	24 8	0 47	16 39	0 46	21 7	0 9	22 18	0 2	22 12	0 59	14 31	8 44	21 28	21 14	17 14	18 0	5 25
S 25	23 23	25 19	3 40	24 29	1 5	19 5	1 33	24 6	0 48	16 36	0 46	21 7	0 9	22 18	0 2	22 12	0 59	14 31	8 43	21 27	21 13	17 12	18 0	5 25
S 26	23 22	23 2	4 30	24 36	1 10	19 21	1 31	24 5	0 48	16 32	0 46	21 8	0 9	22 18	0 2	22 12	0 59	14 31	8 43	21 27	21 13	17 9	18 0	5 25
M27	23 20	19 12	5 1	24 41	1 16	19 36	1 29	24 3	0 49	16 28	0 46	21 9	0 9	22 19	0 2	22 12	0 59	14 31	8 43	21 26	21 12	17 7	18 0	5 26
T 28	23 17	14 15	5 13	24 44	1 21	19 52	1 27	24 1	0 49	16 24	0 46	21 10	0 9	22 19	0 2	22 11	0 59	14 31	8 43	21 26	21 12	17 5	17 59	5 26
W29	23 14	8 34	5 4	24 46	1 26	20 6	1 25	23 59	0 50	16 21	0 46	21 11	0 9	22 20	0 2	22 11	0 59	14 31	8 43	21 25	21 11	17 3	17 59	5 26
T 30	23 11	2 33	4 38	24 47	1 31	20 20	1 23	23 56	0 50	16 17	0 46	21 12	0 9	22 20	0 2	22 11	0 59	14 31	8 43	21 25	21 11	17 1	17 59	5 26
F 31	23 s 7	3 s28	3n55	24 s47	1 s35	20 s33	1n21	23 s53	0 s50	16 s13	0 s46	21n13	0 s 8	22 s21	0n 2	22 s11	0n59	14n31	8 s43	21n25	21n10	16 s58	17 s59	5n26

Julian Day Number = 2507030.5, Delta T = 122.98 sec
Ecliptic obliquity = 23°25'14, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°51'47, Lahiri = 25°58'47

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2152
geocentric

JANUARY 2152 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 40 36	9♑57'47	1♏38	9♑17	10♐57	10♑46	18♒ 1	23°R35	13♐22	8♑18	22°R51	6♊45	5♊14	28♒ 2	0♑10	S 1
S 2	6 44 32	10°58'56	14°54	10°53	12°11	11°31	18°14	23♋30	13°25	8°20	22♊50	6°47	5°11	28° 9	0°17	S 2
M 3	6 48 29	12° 0'06	27°55	12°29	13°26	12°17	18°27	23°25	13°29	8°22	22°49	6°48	5° 8	28°15	0°23	M 3
T 4	6 52 25	13° 1'16	10♐43	14° 6	14°41	13° 3	18°40	23°20	13°32	8°25	22°48	6°R48	5° 5	28°22	0°30	T 4
W 5	6 56 22	14° 2'26	23°20	15°43	15°55	13°49	18°53	23°15	13°36	8°27	22°47	6°47	5° 2	28°29	0°37	W 5
T 6	7 0 19	15° 3'37	5♑46	17°20	17°10	14°35	19° 6	23°10	13°39	8°29	22°46	6°43	4°58	28°35	0°43	T 6
F 7	7 4 15	16° 4'48	18° 3	18°58	18°24	15°21	19°19	23° 6	13°42	8°32	22°45	6°38	4°55	28°42	0°50	F 7
S 8	7 8 12	17° 5'58	0♒11	20°36	19°39	16° 7	19°33	23° 1	13°45	8°34	22°44	6°31	4°52	28°49	0°56	S 8
S 9	7 12 8	18° 7'08	12°12	22°14	20°54	16°53	19°46	22°56	13°49	8°36	22°43	6°23	4°49	28°56	1° 3	S 9
M10	7 16 5	19° 8'19	24° 8	23°53	22° 8	17°39	19°59	22°51	13°52	8°38	22°42	6°14	4°46	29° 2	1°10	M10
T 11	7 20 1	20° 9'28	6♓ 0	25°32	23°23	18°25	20°12	22°46	13°55	8°41	22°41	6° 6	4°42	29° 9	1°16	T 11
W12	7 23 58	21°10'38	17°51	27°11	24°38	19°11	20°26	22°41	13°58	8°43	22°39	5°59	4°39	29°16	1°22	W12
T 13	7 27 55	22°11'47	29°44	28°51	25°52	19°57	20°39	22°36	14° 1	8°45	22°38	5°54	4°36	29°22	1°29	T 13
F 14	7 31 51	23°12'55	11♈44	0♒31	27° 7	20°43	20°53	22°31	14° 4	8°47	22°38	5°51	4°33	29°29	1°35	F 14
S 15	7 35 48	24°14'03	23°55	2°11	28°22	21°29	21° 7	22°26	14° 7	8°49	22°37	5°D51	4°30	29°36	1°42	S 15
S 16	7 39 44	25°15'10	6♉22	3°52	29°36	22°16	21°20	22°21	14°10	8°52	22°36	5°51	4°27	29°43	1°48	S 16
M17	7 43 41	26°16'17	19°10	5°33	0♑51	23° 2	21°34	22°16	14°13	8°54	22°35	5°52	4°23	29°49	1°54	M17
T 18	7 47 37	27°17'23	2♊23	7°13	2° 6	23°48	21°48	22°11	14°16	8°56	22°34	5°R53	4°20	29°56	2° 1	T 18
W19	7 51 34	28°18'29	16° 5	8°54	3°21	24°35	22° 1	22° 6	14°19	8°58	22°33	5°53	4°17	0♓ 3	2° 7	W19
T 20	7 55 30	29°19'34	0♋15	10°35	4°36	25°21	22°15	22° 1	14°22	9° 0	22°32	5°50	4°14	0°10	2°13	T 20
F 21	7 59 27	0♒20'38	14°52	12°16	5°50	26° 7	22°29	21°56	14°25	9° 3	22°31	5°45	4°11	0°16	2°19	F 21
S 22	8 3 24	1°21'41	29°50	13°56	7° 5	26°54	22°43	21°52	14°28	9° 5	22°30	5°38	4° 8	0°23	2°26	S 22
S 23	8 7 20	2°22'44	15♌ 0	15°36	8°20	27°40	22°57	21°47	14°31	9° 7	22°29	5°30	4° 4	0°30	2°32	S 23
M24	8 11 17	3°23'47	0♍12	17°15	9°35	28°27	23°11	21°42	14°33	9° 9	22°28	5°20	4° 1	0°36	2°38	M24
T 25	8 15 13	4°24'48	15°15	18°53	10°50	29°13	23°25	21°37	14°36	9°11	22°27	5°12	3°58	0°43	2°44	T 25
W26	8 19 10	5°25'49	0♎ 1	20°30	12° 4	0♒ 0	23°39	21°32	14°39	9°13	22°27	5° 5	3°55	0°50	2°50	W26
T 27	8 23 6	6°26'50	14°23	22° 5	13°19	0°47	23°53	21°28	14°41	9°15	22°26	5° 0	3°52	0°57	2°56	T 27
F 28	8 27 3	7°27'50	28°19	23°39	14°34	1°33	24° 7	21°23	14°44	9°17	22°25	4°58	3°48	1° 3	3° 2	F 28
S 29	8 30 59	8°28'50	11♏51	25°10	15°49	2°20	24°21	21°18	14°46	9°19	22°24	4°D58	3°45	1°10	3° 7	S 29
S 30	8 34 56	9°29'50	24°59	26°38	17° 4	3° 7	24°35	21°14	14°49	9°21	22°24	4°58	3°42	1°17	3°13	S 30
M31	8 38 53	10♒30'49	7♐48	28♒ 3	18♑19	3♒53	24♒49	21♋ 9	14♐51	9♑23	22♊23	4°R59	3♊39	1♓24	3♑19	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s 3	9s13	3n 0	24s45	1s39	20s46	1n19	23s50	0s51	16s 9	0s46	21n14	0s 8	22s21	0n 2	22s11	0n59	14n32	8s43	21n25	21n 9	16s56	17s59	5n26
S 2	22 58	14 26	1 57	24 42	1 43	20 58	1 16	23 46	0 51	16 5	0 46	21 15	0 8	22 22	0 2	22 11	0 59	14 32	8 43	21 25	21 9	16 54	17 59	5 27
M 3	22 53	18 54	0 48	24 37	1 47	21 10	1 14	23 43	0 52	16 1	0 46	21 15	0 8	22 22	0 2	22 11	0 59	14 32	8 43	21 26	21 8	16 52	17 58	5 27
T 4	22 47	22 23	0s21	24 31	1 51	21 21	1 12	23 39	0 52	15 57	0 46	21 16	0 8	22 22	0 2	22 11	0 59	14 32	8 43	21 26	21 8	16 49	17 58	5 27
W 5	22 41	24 44	1 29	24 23	1 54	21 32	1 9	23 35	0 53	15 53	0 46	21 17	0 8	22 23	0 2	22 10	0 59	14 32	8 42	21 25	21 7	16 47	17 58	5 27
T 6	22 34	25 48	2 31	24 14	1 57	21 41	1 7	23 30	0 53	15 49	0 46	21 18	0 8	22 23	0 2	22 10	0 59	14 32	8 42	21 25	21 7	16 45	17 58	5 27
F 7	22 27	25 35	3 25	24 3	1 59	21 51	1 5	23 25	0 53	15 45	0 46	21 19	0 8	22 24	0 2	22 10	0 59	14 32	8 42	21 24	21 6	16 42	17 57	5 28
S 8	22 20	24 9	4 9	23 51	2 2	21 59	1 2	23 20	0 54	15 41	0 46	21 20	0 8	22 24	0 2	22 10	0 59	14 32	8 42	21 23	21 5	16 40	17 57	5 28
S 9	22 12	21 37	4 41	23 37	2 4	22 7	1 0	23 15	0 54	15 36	0 46	21 21	0 7	22 24	0 2	22 10	0 59	14 32	8 42	21 21	21 5	16 38	17 57	5 28
M10	22 3	18 12	5 1	23 22	2 5	22 14	0 57	23 9	0 54	15 32	0 46	21 22	0 7	22 25	0 2	22 10	0 59	14 32	8 42	21 20	21 4	16 36	17 57	5 28
T 11	21 55	14 4	5 8	23 5	2 6	22 21	0 55	23 4	0 55	15 28	0 46	21 23	0 7	22 25	0 2	22 10	0 59	14 32	8 42	21 19	21 4	16 33	17 56	5 29
W12	21 45	9 25	5 1	22 47	2 7	22 27	0 52	22 58	0 55	15 24	0 46	21 24	0 7	22 26	0 2	22 9	0 59	14 32	8 42	21 17	21 3	16 31	17 56	5 29
T 13	21 36	4 25	4 42	22 27	2 7	22 32	0 49	22 51	0 56	15 20	0 46	21 25	0 7	22 26	0 2	22 9	0 59	14 32	8 41	21 16	21 3	16 29	17 56	5 29
F 14	21 26	0n48	4 10	22 6	2 7	22 37	0 47	22 45	0 56	15 15	0 46	21 26	0 7	22 26	0 2	22 9	0 59	14 32	8 41	21 16	21 2	16 26	17 55	5 29
S 15	21 15	6 4	3 26	21 43	2 7	22 40	0 44	22 38	0 56	15 11	0 46	21 27	0 7	22 27	0 2	22 9	0 59	14 33	8 41	21 16	21 1	16 24	17 55	5 30
S 16	21 4	11 14	2 32	21 18	2 6	22 44	0 42	22 31	0 57	15 7	0 46	21 27	0 7	22 27	0 2	22 9	0 59	14 33	8 41	21 16	21 1	16 22	17 54	5 30
M17	20 53	16 5	1 29	20 53	2 4	22 46	0 39	22 23	0 57	15 2	0 46	21 28	0 7	22 27	0 2	22 9	0 59	14 33	8 41	21 16	21 0	16 19	17 54	5 30
T 18	20 41	20 19	0 19	20 25	2 2	22 48	0 36	22 16	0 57	14 58	0 46	21 29	0 7	22 28	0 2	22 9	0 59	14 33	8 41	21 16	21 0	16 17	17 54	5 31
W19	20 29	23 36	0n54	19 56	1 59	22 49	0 33	22 8	0 58	14 53	0 46	21 30	0 6	22 28	0 2	22 8	0 59	14 33	8 40	21 16	20 59	16 15	17 53	5 31
T 20	20 17	25 32	2 7	19 26	1 56	22 50	0 31	22 0	0 58	14 49	0 46	21 31	0 6	22 28	0 2	22 8	0 59	14 33	8 40	21 16	20 58	16 12	17 53	5 31
F 21	20 4	25 47	3 13	18 54	1 52	22 49	0 28	21 52	0 58	14 44	0 46	21 32	0 6	22 29	0 2	22 8	0 59	14 33	8 40	21 15	20 58	16 10	17 52	5 32
S 22	19 50	24 12	4 8	18 21	1 48	22 49	0 25	21 43	0 58	14 40	0 46	21 33	0 6	22 29	0 2	22 8	0 59	14 33	8 40	21 14	20 57	16 8	17 52	5 32
S 23	19 37	20 52	4 45	17 47	1 43	22 47	0 23	21 34	0 59	14 35	0 46	21 34	0 6	22 29	0 2	22 8	0 59	14 33	8 40	21 12	20 57	16 5	17 52	5 32
M24	19 23	16 7	5 3	17 12	1 37	22 45	0 20	21 25	0 59	14 31	0 46	21 35	0 6	22 30	0 2	22 8	0 59	14 34	8 40	21 11	20 56	16 3	17 51	5 33
T 25	19 9	10 25	5 0	16 35	1 30	22 42	0 17	21 16	0 59	14 26	0 46	21 35	0 6	22 30	0 2	22 7	0 59	14 34	8 39	21 9	20 56	16 1	17 51	5 33
W26	18 54	4 13	4 36	15 58	1 23	22 38	0 14	21 6	1 0	14 22	0 47	21 36	0 6	22 30	0 2	22 7	0 59	14 34	8 39	21 8	20 55	15 58	17 50	5 33
T 27	18 39	2s 2	3 56	15 19	1 15	22 34	0 12	20 57	1 0	14 17	0 47	21 37	0 6	22 31	0 2	22 7	0 59	14 34	8 39	21 7	20 54	15 56	17 50	5 34
F 28	18 23	8 2	3 2	14 40	1 6	22 29	0 9	20 47	1 0	14 12	0 47	21 38	0 5	22 31	0 2	22 7	0 59	14 34	8 39	21 7	20 54	15 53	17 49	5 34
S 29	18 8	13 28	2 0	14 1	0 56	22 23	0 6	20 36	1 1	14 8	0 47	21 39	0 5	22 31	0 2	22 7	0 59	14 34	8 39	21 6	20 53	15 51	17 49	5 34
S 30	17 52	18 8	0 53	13 21	0 46	22 16	0 4	20 26	1 1	14 3	0 47	21 40	0 5	22 32	0 2	22 7	0 59	14 34	8 39	21 7	20 53	15 49	17 48	5 35
M31	17s35	21s50	0s15	12s41	0s35	22s 9	0n 1	20s15	1s 1	13s58	0s47	21n40	0s 5	22s32	0n 2	22s 7	0n59	14n35	8s38	21n 7	20n52	15s46	17s48	5n35

Julian Day Number = 2507061.5, Delta T = 123.04 sec
Ecliptic obliquity = 23°25'14, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°51'51, Lahiri = 25°58'52

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2152
geocentric

FEBRUARY 2152 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 42 49	11♒31'47	20♐21	29♒24	19♑33	4♒40	25♒ 3	21°R 5	14♐54	9♑25	22°R22	4°R57	3♊36	1♓30	3♑25	T 1
W 2	8 46 46	12°32'44	2♑42	0♓40	20°48	5°27	25°18	21♋ 0	14°56	9°27	22♊21	4♊54	3°33	1°37	3°31	W 2
T 3	8 50 42	13°33'41	14°54	1°51	22° 3	6°14	25°32	20°56	14°59	9°29	22°21	4°47	3°29	1°44	3°36	T 3
F 4	8 54 39	14°34'37	26°58	2°55	23°18	7° 1	25°46	20°52	15° 1	9°31	22°20	4°38	3°26	1°50	3°42	F 4
S 5	8 58 35	15°35'32	8♒58	3°53	24°33	7°48	26° 0	20°47	15° 3	9°33	22°19	4°26	3°23	1°57	3°47	S 5
S 6	9 2 32	16°36'25	20°53	4°42	25°48	8°34	26°15	20°43	15° 5	9°35	22°19	4°12	3°20	2° 4	3°53	S 6
M 7	9 6 28	17°37'18	2♓46	5°23	27° 3	9°21	26°29	20°39	15° 8	9°37	22°18	3°58	3°17	2°11	3°58	M 7
T 8	9 10 25	18°38'09	14°38	5°55	28°18	10° 8	26°43	20°35	15°10	9°39	22°18	3°44	3°14	2°17	4° 4	T 8
W 9	9 14 22	19°39'00	26°30	6°17	29°33	10°55	26°58	20°31	15°12	9°41	22°17	3°32	3°10	2°24	4° 9	W 9
T 10	9 18 18	20°39'48	8♈24	6°28	0♒47	11°42	27°12	20°27	15°14	9°43	22°16	3°22	3° 7	2°31	4°14	T 10
F 11	9 22 15	21°40'36	20°24	6°R28	2° 2	12°29	27°26	20°23	15°16	9°44	22°16	3°15	3° 4	2°37	4°19	F 11
S 12	9 26 11	22°41'21	2♉34	6°18	3°17	13°16	27°41	20°19	15°18	9°46	22°15	3°12	3° 1	2°44	4°25	S 12
S 13	9 30 8	23°42'06	14°57	5°57	4°32	14° 3	27°55	20°15	15°20	9°48	22°15	3°10	2°58	2°51	4°30	S 13
M14	9 34 4	24°42'49	27°38	5°25	5°47	14°50	28°10	20°12	15°22	9°50	22°14	3°10	2°54	2°58	4°35	M14
T 15	9 38 1	25°43'30	10♊43	4°44	7° 2	15°37	28°24	20° 8	15°23	9°51	22°14	3°10	2°51	3° 4	4°40	T 15
W16	9 41 57	26°44'09	24°16	3°54	8°17	16°24	28°38	20° 5	15°25	9°53	22°14	3° 9	2°48	3°11	4°45	W16
T 17	9 45 54	27°44'47	8♋17	2°58	9°32	17°11	28°53	20° 1	15°27	9°55	22°13	3° 5	2°45	3°18	4°49	T 17
F 18	9 49 51	28°45'24	22°49	1°55	10°46	17°59	29° 7	19°58	15°29	9°57	22°13	2°59	2°42	3°25	4°54	F 18
S 19	9 53 47	29°45'58	7♌46	0°49	12° 1	18°46	29°22	19°55	15°30	9°58	22°12	2°50	2°39	3°31	4°59	S 19
S 20	9 57 44	0♓46'31	23° 2	29♒41	13°16	19°33	29°36	19°52	15°32	10° 0	22°12	2°39	2°35	3°38	5° 4	S 20
M21	10 1 40	1°47'03	8♍25	28°32	14°31	20°20	29°51	19°49	15°33	10° 1	22°12	2°28	2°32	3°45	5° 8	M21
T 22	10 5 37	2°47'33	23°43	27°25	15°46	21° 7	0♓ 5	19°46	15°35	10° 3	22°11	2°17	2°29	3°51	5°13	T 22
W23	10 9 33	3°48'01	8♎46	26°21	17° 1	21°54	0°19	19°43	15°36	10° 4	22°11	2° 7	2°26	3°58	5°17	W23
T 24	10 13 30	4°48'28	23°24	25°22	18°15	22°41	0°34	19°40	15°38	10° 6	22°11	2° 1	2°23	4° 5	5°22	T 24
F 25	10 17 26	5°48'54	7♏34	24°28	19°30	23°29	0°48	19°37	15°39	10° 7	22°11	1°57	2°20	4°12	5°26	F 25
S 26	10 21 23	6°49'18	21°14	23°40	20°45	24°16	1° 3	19°35	15°40	10° 9	22°10	1°56	2°16	4°18	5°30	S 26
S 27	10 25 20	7°49'41	4♐27	22°59	22° 0	25° 3	1°17	19°32	15°41	10°10	22°10	1°55	2°13	4°25	5°34	S 27
M28	10 29 16	8°50'03	17°16	22°25	23°15	25°50	1°31	19°30	15°42	10°12	22°10	1°55	2°10	4°32	5°38	M28
T 29	10 33 13	9♓50'23	29♐45	21♒59	24♒30	26♒37	1♓46	19♋28	15♐44	10♑13	22♊10	1♊54	2♊ 7	4♓39	5♑42	T 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s19	24s25	1s21	12s 1	0s22	22s 1	0s 2	20s 4	1s 1	13s54	0s47	21n41	0s 5	22s32	0n 2	22s 6	0n59	14n35	8s38	21n 6	20n51	15s44	17s47	5n36
W 2	17 2	25 45	2 22	11 22	0 9	21 53	0 4	19 53	1 2	13 49	0 47	21 42	0 5	22 32	0 2	22 6	0 59	14 35	8 38	21 6	20 51	15 41	17 47	5 36
T 3	16 44	25 49	3 15	10 44	0n 5	21 44	0 7	19 42	1 2	13 44	0 47	21 43	0 5	22 33	0 2	22 6	0 59	14 35	8 38	21 5	20 50	15 39	17 46	5 36
F 4	16 27	24 39	3 59	10 8	0 19	21 34	0 10	19 30	1 2	13 39	0 47	21 44	0 5	22 33	0 2	22 6	0 59	14 35	8 38	21 3	20 50	15 37	17 45	5 37
S 5	16 9	22 22	4 32	9 33	0 35	21 24	0 12	19 19	1 2	13 35	0 47	21 44	0 5	22 33	0 2	22 6	0 59	14 35	8 37	21 1	20 49	15 34	17 45	5 37
S 6	15 51	19 8	4 52	9 0	0 50	21 13	0 15	19 7	1 2	13 30	0 47	21 45	0 4	22 34	0 2	22 6	0 59	14 35	8 37	20 58	20 48	15 32	17 44	5 38
M 7	15 32	15 8	5 0	8 30	1 7	21 1	0 17	18 54	1 3	13 25	0 47	21 46	0 4	22 34	0 2	22 6	0 59	14 36	8 37	20 55	20 48	15 29	17 44	5 38
T 8	15 14	10 35	4 55	8 2	1 23	20 49	0 20	18 42	1 3	13 20	0 47	21 47	0 4	22 34	0 2	22 5	0 59	14 36	8 37	20 53	20 47	15 27	17 43	5 39
W 9	14 55	5 38	4 37	7 39	1 40	20 36	0 22	18 29	1 3	13 15	0 47	21 47	0 4	22 34	0 2	22 5	0 59	14 36	8 37	20 51	20 46	15 24	17 42	5 39
T 10	14 36	0 27	4 7	7 19	1 57	20 22	0 25	18 17	1 3	13 10	0 47	21 48	0 4	22 34	0 2	22 5	0 59	14 36	8 36	20 49	20 46	15 22	17 42	5 40
F 11	14 16	4n47	3 25	7 4	2 14	20 8	0 27	18 4	1 4	13 5	0 47	21 49	0 4	22 35	0 2	22 5	0 59	14 36	8 36	20 47	20 45	15 20	17 41	5 40
S 12	13 56	9 56	2 34	6 53	2 29	19 53	0 30	17 50	1 4	13 1	0 47	21 49	0 4	22 35	0 2	22 5	0 59	14 37	8 36	20 47	20 45	15 17	17 41	5 40
S 13	13 37	14 48	1 35	6 46	2 44	19 38	0 32	17 37	1 4	12 56	0 47	21 50	0 4	22 35	0 2	22 5	0 59	14 37	8 36	20 46	20 44	15 15	17 40	5 41
M14	13 16	19 9	0 29	6 45	2 58	19 22	0 34	17 24	1 4	12 51	0 47	21 51	0 4	22 35	0 2	22 5	0 59	14 37	8 36	20 46	20 43	15 12	17 39	5 41
T 15	12 56	22 42	0n40	6 48	3 11	19 6	0 37	17 10	1 4	12 46	0 47	21 51	0 3	22 36	0 2	22 4	0 59	14 37	8 35	20 46	20 43	15 10	17 39	5 42
W16	12 36	25 7	1 49	6 56	3 21	18 49	0 39	16 56	1 4	12 41	0 48	21 52	0 3	22 36	0 2	22 4	0 59	14 37	8 35	20 46	20 42	15 7	17 38	5 42
T 17	12 15	26 3	2 54	7 8	3 30	18 31	0 41	16 42	1 5	12 36	0 48	21 53	0 3	22 36	0 2	22 4	0 59	14 37	8 35	20 45	20 42	15 5	17 37	5 43
F 18	11 54	25 16	3 50	7 24	3 37	18 13	0 43	16 27	1 5	12 31	0 48	21 53	0 3	22 36	0 2	22 4	0 59	14 38	8 35	20 44	20 41	15 2	17 37	5 43
S 19	11 33	22 41	4 32	7 44	3 41	17 54	0 46	16 13	1 5	12 26	0 48	21 54	0 3	22 36	0 2	22 4	0 59	14 38	8 34	20 43	20 40	15 0	17 36	5 44
S 20	11 11	18 29	4 56	8 6	3 43	17 35	0 48	15 58	1 5	12 21	0 48	21 54	0 3	22 37	0 2	22 4	0 59	14 38	8 34	20 40	20 40	14 57	17 35	5 44
M21	10 50	13 1	4 58	8 30	3 42	17 16	0 50	15 44	1 5	12 16	0 48	21 55	0 3	22 37	0 2	22 4	0 59	14 38	8 34	20 38	20 39	14 55	17 35	5 45
T 22	10 28	6 46	4 39	8 55	3 40	16 55	0 52	15 29	1 5	12 11	0 48	21 55	0 3	22 37	0 2	22 3	0 59	14 38	8 34	20 36	20 38	14 52	17 34	5 45
W23	10 6	0 14	4 1	9 21	3 35	16 35	0 54	15 14	1 5	12 6	0 48	21 56	0 3	22 37	0 2	22 3	0 59	14 39	8 34	20 34	20 38	14 50	17 33	5 46
T 24	9 44	6s10	3 8	9 47	3 28	16 14	0 56	14 58	1 5	12 1	0 48	21 56	0 2	22 37	0 2	22 3	0 59	14 39	8 33	20 33	20 37	14 47	17 32	5 47
F 25	9 22	12 3	2 5	10 13	3 20	15 52	0 58	14 43	1 6	11 56	0 48	21 57	0 2	22 37	0 2	22 3	0 59	14 39	8 33	20 32	20 37	14 45	17 32	5 47
S 26	9 0	17 9	0 56	10 38	3 10	15 30	0 59	14 27	1 6	11 51	0 48	21 57	0 2	22 37	0 2	22 3	0 59	14 39	8 33	20 32	20 36	14 42	17 31	5 48
S 27	8 38	21 14	0s13	11 1	2 59	15 8	1 1	14 12	1 6	11 46	0 48	21 58	0 2	22 38	0 2	22 3	0 59	14 40	8 33	20 32	20 35	14 40	17 30	5 48
M28	8 15	24 8	1 20	11 24	2 47	14 45	1 3	13 56	1 6	11 41	0 48	21 58	0 2	22 38	0 2	22 3	0 59	14 40	8 32	20 32	20 35	14 37	17 30	5 49
T 29	7s52	25s47	2s21	11s44	2n35	14s22	1s 5	13s40	1s 6	11s36	0s48	21n59	0s 2	22s38	0n 2	22s 3	0n59	14n40	8s32	20n32	20n34	14s35	17s29	5n49

Julian Day Number = 2507092.5, Delta T = 123.10 sec
Ecliptic obliquity = 23°25'14, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°51'55, Lahiri = 25°58'56

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2152
geocentric

MARCH 2152 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 37 9	10♓50'42	12♉ 0	21°R39	25♒44	27♒25	2♓ 0	19°R26	15♐45	10♉14	22°R10	1°R50	2♊ 4	4♓45	5♉46	W 1
T 2	10 41 6	11°51'00	24° 4	21♒27	26°59	28°12	2°14	19♋23	15°46	10°16	22♊10	1♊44	2° 0	4°52	5°50	T 2
F 3	10 45 2	12°51'16	6♒ 1	21°D22	28°14	28°59	2°29	19°21	15°47	10°17	22°10	1°35	1°57	4°59	5°54	F 3
S 4	10 48 59	13°51'30	17°54	21°24	29°29	29°46	2°43	19°20	15°48	10°18	22°10	1°23	1°54	5° 5	5°58	S 4
S 5	10 52 55	14°51'42	29°46	21°32	0♓44	0♓34	2°57	19°18	15°48	10°20	22°10	1° 9	1°51	5°12	6° 2	S 5
M 6	10 56 52	15°51'53	11♓38	21°45	1°58	1°21	3°11	19°16	15°49	10°21	22°D 9	0°55	1°48	5°19	6° 5	M 6
T 7	11 0 49	16°52'02	23°31	22° 5	3°13	2° 8	3°26	19°15	15°50	10°22	22°10	0°41	1°45	5°26	6° 9	T 7
W 8	11 4 45	17°52'09	5♈28	22°29	4°28	2°55	3°40	19°13	15°51	10°23	22°10	0°28	1°41	5°32	6°12	W 8
T 9	11 8 42	18°52'14	17°28	22°59	5°43	3°43	3°54	19°12	15°51	10°24	22°10	0°18	1°38	5°39	6°15	T 9
F 10	11 12 38	19°52'17	29°35	23°33	6°57	4°30	4° 8	19°11	15°52	10°25	22°10	0°11	1°35	5°46	6°19	F 10
S 11	11 16 35	20°52'18	11♉50	24°12	8°12	5°17	4°22	19°10	15°52	10°26	22°10	0° 7	1°32	5°52	6°22	S 11
S 12	11 20 31	21°52'18	24°17	24°54	9°27	6° 4	4°37	19° 9	15°53	10°27	22°10	0° 6	1°29	5°59	6°25	S 12
M13	11 24 28	22°52'15	6♊59	25°40	10°42	6°51	4°51	19° 8	15°53	10°28	22°10	0°D 6	1°25	6° 6	6°28	M13
T 14	11 28 24	23°52'09	20° 0	26°30	11°56	7°39	5° 5	19° 7	15°54	10°29	22°10	0°R 6	1°22	6°13	6°31	T 14
W15	11 32 21	24°52'02	3♋25	27°23	13°11	8°26	5°19	19° 6	15°54	10°30	22°10	0° 6	1°19	6°19	6°34	W15
T 16	11 36 17	25°51'52	17°16	28°18	14°26	9°13	5°33	19° 6	15°54	10°31	22°11	0° 4	1°16	6°26	6°36	T 16
F 17	11 40 14	26°51'41	1♌33	29°17	15°40	10° 0	5°47	19° 5	15°54	10°32	22°11	29♉59	1°13	6°33	6°39	F 17
S 18	11 44 11	27°51'26	16°15	0♓19	16°55	10°48	6° 1	19° 5	15°55	10°33	22°11	29°53	1°10	6°40	6°42	S 18
S 19	11 48 7	28°51'10	1♍17	1°22	18°10	11°35	6°14	19° 5	15°55	10°34	22°11	29°45	1° 6	6°46	6°44	S 19
M20	11 52 4	29°50'51	16°31	2°29	19°24	12°22	6°28	19°D 5	15°R55	10°34	22°12	29°36	1° 3	6°53	6°47	M20
T 21	11 56 0	0♈50'31	1♎45	3°37	20°39	13° 9	6°42	19° 5	15°55	10°35	22°12	29°27	1° 0	7° 0	6°49	T 21
W22	11 59 57	1°50'08	16°49	4°48	21°53	13°56	6°56	19° 5	15°55	10°36	22°12	29°19	0°57	7° 6	6°51	W22
T 23	12 3 53	2°49'43	1♏34	6° 1	23° 8	14°43	7°10	19° 5	15°54	10°37	22°13	29°14	0°54	7°13	6°53	T 23
F 24	12 7 50	3°49'17	15°53	7°16	24°23	15°30	7°23	19° 5	15°54	10°37	22°13	29°11	0°51	7°20	6°55	F 24
S 25	12 11 46	4°48'49	29°43	8°32	25°37	16°18	7°37	19° 6	15°54	10°38	22°13	29°D10	0°47	7°27	6°57	S 25
S 26	12 15 43	5°48'19	13♐ 4	9°51	26°52	17° 5	7°50	19° 6	15°54	10°38	22°14	29°11	0°44	7°33	6°59	S 26
M27	12 19 40	6°47'47	26° 0	11°11	28° 6	17°52	8° 4	19° 7	15°53	10°39	22°14	29°12	0°41	7°40	7° 1	M27
T 28	12 23 36	7°47'14	8♑33	12°33	29°21	18°39	8°17	19° 8	15°53	10°39	22°15	29°R12	0°38	7°47	7° 3	T 28
W29	12 27 33	8°46'39	20°49	13°56	0♈35	19°26	8°31	19° 9	15°53	10°40	22°15	29°11	0°35	7°53	7° 5	W29
T 30	12 31 29	9°46'02	2♒52	15°22	1°50	20°13	8°44	19°10	15°52	10°40	22°16	29° 9	0°31	8° 0	7° 6	T 30
F 31	12 35 26	10♈45'23	14♒48	16♓48	3♈ 5	21♓ 0	8♓58	19♋11	15♐52	10♉41	22♊16	29♉ 4	0♊28	8♓ 7	7♉ 7	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	7s30	26s 7	3s15	12s 3	2n21	13s58	1s 6	13s24	1s 6	11s31	0s49	21n59	0s 2	22s38	0n 2	22s 2	0n59	14n40	8s32	20n31	20n33	14s32	17s28	5n50
T 2	7 7	25 11	3 58	12 19	2 8	13 34	1 8	13 7	1 6	11 26	0 49	22 0	0 2	22 38	0 2	22 2	0 59	14 40	8 32	20 30	20 33	14 30	17 27	5 50
F 3	6 44	23 8	4 31	12 34	1 54	13 10	1 9	12 51	1 6	11 21	0 49	22 0	0 2	22 38	0 2	22 2	0 59	14 41	8 32	20 28	20 32	14 27	17 27	5 51
S 4	6 21	20 5	4 52	12 46	1 41	12 45	1 11	12 35	1 6	11 15	0 49	22 0	0 1	22 38	0 2	22 2	0 59	14 41	8 31	20 25	20 32	14 25	17 26	5 52
S 5	5 57	16 13	5 0	12 57	1 27	12 20	1 12	12 18	1 6	11 10	0 49	22 1	0 1	22 38	0 2	22 2	0 59	14 41	8 31	20 22	20 31	14 22	17 25	5 52
M 6	5 34	11 44	4 55	13 5	1 14	11 55	1 14	12 1	1 6	11 5	0 49	22 1	0 1	22 38	0 2	22 2	0 59	14 41	8 31	20 19	20 30	14 20	17 24	5 53
T 7	5 11	6 48	4 37	13 11	1 0	11 29	1 15	11 44	1 6	11 0	0 49	22 1	0 1	22 39	0 2	22 2	0 59	14 42	8 31	20 17	20 30	14 17	17 24	5 53
W 8	4 47	1 37	4 7	13 16	0 47	11 3	1 16	11 27	1 6	10 55	0 49	22 2	0 1	22 39	0 2	22 2	0 59	14 42	8 30	20 14	20 29	14 15	17 23	5 54
T 9	4 24	3n41	3 25	13 18	0 34	10 36	1 17	11 10	1 6	10 50	0 49	22 2	0 1	22 39	0 2	22 2	0 59	14 42	8 30	20 12	20 28	14 12	17 22	5 55
F 10	4 0	8 54	2 34	13 19	0 22	10 10	1 18	10 53	1 6	10 45	0 49	22 2	0 1	22 39	0 1	22 1	0 59	14 42	8 30	20 11	20 28	14 9	17 21	5 55
S 11	3 37	13 51	1 35	13 17	0 10	9 43	1 19	10 36	1 6	10 40	0 49	22 2	0 1	22 39	0 1	22 1	0 59	14 43	8 30	20 10	20 27	14 7	17 21	5 56
S 12	3 13	18 20	0 31	13 14	0s 2	9 16	1 20	10 18	1 6	10 35	0 50	22 3	0 1	22 39	0 1	22 1	1 0	14 43	8 29	20 9	20 26	14 4	17 20	5 56
M13	2 50	22 4	0n37	13 9	0 13	8 48	1 21	10 1	1 6	10 30	0 50	22 3	0 1	22 39	0 1	22 1	1 0	14 43	8 29	20 9	20 26	14 2	17 19	5 57
T 14	2 26	24 46	1 44	13 3	0 24	8 21	1 22	9 43	1 6	10 25	0 50	22 3	0 0	22 39	0 1	22 1	1 0	14 43	8 29	20 9	20 25	13 59	17 18	5 58
W15	2 2	26 10	2 48	12 54	0 34	7 53	1 23	9 25	1 6	10 20	0 50	22 3	0 0	22 39	0 1	22 1	1 0	14 43	8 29	20 9	20 25	13 57	17 18	5 58
T 16	1 39	26 0	3 43	12 44	0 44	7 25	1 24	9 8	1 6	10 15	0 50	22 4	0 0	22 39	0 1	22 1	1 0	14 44	8 29	20 9	20 24	13 54	17 17	5 59
F 17	1 15	24 9	4 27	12 33	0 53	6 56	1 24	8 50	1 6	10 10	0 50	22 4	0 0	22 39	0 1	22 1	1 0	14 44	8 28	20 8	20 23	13 51	17 16	6 0
S 18	0 51	20 39	4 55	12 20	1 2	6 28	1 25	8 32	1 6	10 5	0 50	22 4	0 0	22 39	0 1	22 1	1 0	14 44	8 28	20 7	20 23	13 49	17 15	6 0
S 19	0 27	15 44	5 4	12 5	1 11	5 59	1 25	8 14	1 6	10 0	0 50	22 4	0n 0	22 39	0 1	22 1	1 0	14 44	8 28	20 5	20 22	13 46	17 15	6 1
M20	0 4	9 47	4 51	11 49	1 19	5 30	1 26	7 56	1 6	9 55	0 50	22 4	0 0	22 39	0 1	22 0	1 0	14 45	8 28	20 3	20 21	13 44	17 14	6 2
T 21	0n20	3 14	4 17	11 31	1 27	5 1	1 26	7 38	1 6	9 50	0 51	22 4	0 0	22 39	0 1	22 0	1 0	14 45	8 27	20 1	20 21	13 41	17 13	6 2
W22	0 44	3s26	3 26	11 12	1 34	4 32	1 27	7 20	1 6	9 45	0 51	22 4	0 0	22 39	0 1	22 0	1 0	14 45	8 27	19 59	20 20	13 38	17 12	6 3
T 23	1 7	9 47	2 22	10 51	1 41	4 3	1 27	7 1	1 6	9 40	0 51	22 4	0 0	22 39	0 1	22 0	1 0	14 45	8 27	19 58	20 19	13 36	17 11	6 4
F 24	1 31	15 27	1 11	10 29	1 47	3 34	1 27	6 43	1 5	9 35	0 51	22 4	0 1	22 39	0 1	22 0	1 0	14 46	8 27	19 58	20 19	13 33	17 11	6 4
S 25	1 55	20 7	0s 3	10 6	1 53	3 4	1 27	6 25	1 5	9 30	0 51	22 4	0 1	22 39	0 1	22 0	1 0	14 46	8 26	19 57	20 18	13 31	17 10	6 5
S 26	2 18	23 34	1 14	9 42	1 58	2 35	1 27	6 6	1 5	9 25	0 51	22 4	0 1	22 39	0 1	22 0	1 0	14 46	8 26	19 58	20 17	13 28	17 9	6 5
M27	2 42	25 40	2 19	9 16	2 3	2 5	1 27	5 48	1 5	9 20	0 51	22 4	0 1	22 39	0 1	22 0	1 0	14 46	8 26	19 58	20 17	13 25	17 8	6 6
T 28	3 5	26 24	3 15	8 49	2 7	1 36	1 27	5 29	1 5	9 15	0 51	22 4	0 1	22 39	0 1	22 0	1 0	14 47	8 26	19 58	20 16	13 23	17 8	6 7
W29	3 29	25 47	4 1	8 20	2 11	1 6	1 27	5 11	1 5	9 10	0 52	22 4	0 1	22 39	0 1	22 0	1 0	14 47	8 26	19 58	20 15	13 20	17 7	6 7
T 30	3 52	23 58	4 36	7 50	2 15	0 36	1 27	4 52	1 5	9 5	0 52	22 4	0 1	22 39	0 1	22 0	1 0	14 47	8 25	19 57	20 15	13 17	17 6	6 8
F 31	4n15	21s 7	4s58	7s20	2s18	0s 6	1s27	4s33	1s 5	9s 0	0s52	22n 4	0n 1	22s39	0n 1	22s 0	1n 0	14n47	8s25	19n56	20n14	13s15	17s 5	6n 9

Julian Day Number = 2507121.5, Delta T = 123.16 sec
Ecliptic obliquity = 23°25'15, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°51'59, Lahiri = 25°59'00

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2152
geocentric

APRIL 2152 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 39 22	11♈44'43	26♒39	18♓17	4♈19	21♓47	9♓11	19♋12	15°R51	10♎41	22♊17	28°R57	0♊25	8♓14	7♎ 9	S 1
S 2	12 43 19	12°44'00	8♓30	19°46	5°33	22°34	9°24	19°13	15♐50	10°41	22°18	28♉48	0°22	8°20	7°10	S 2
M 3	12 47 15	13°43'16	20°24	21°18	6°48	23°21	9°37	19°15	15°50	10°42	22°18	28°39	0°19	8°27	7°11	M 3
T 4	12 51 12	14°42'29	2♈21	22°50	8° 2	24° 8	9°50	19°16	15°49	10°42	22°19	28°31	0°16	8°34	7°12	T 4
W 5	12 55 9	15°41'41	14°24	24°25	9°17	24°55	10° 4	19°18	15°48	10°42	22°19	28°23	0°12	8°41	7°13	W 5
T 6	12 59 5	16°40'51	26°35	26° 0	10°31	25°42	10°17	19°20	15°47	10°43	22°20	28°17	0° 9	8°47	7°14	T 6
F 7	13 3 2	17°39'58	8♉54	27°38	11°46	26°29	10°29	19°22	15°47	10°43	22°21	28°13	0° 6	8°54	7°15	F 7
S 8	13 6 58	18°39'04	21°22	29°16	13° 0	27°16	10°42	19°24	15°46	10°43	22°21	28°12	0° 3	9° 1	7°16	S 8
S 9	13 10 55	19°38'07	4♊ 2	0♈56	14°15	28° 3	10°55	19°26	15°45	10°43	22°22	28°D12	29♉59	9° 7	7°16	S 9
M10	13 14 51	20°37'08	16°56	2°38	15°29	28°49	11° 8	19°28	15°44	10°43	22°23	28°13	29°57	9°14	7°17	M10
T 11	13 18 48	21°36'07	0♋ 5	4°21	16°43	29°36	11°21	19°30	15°43	10°43	22°24	28°14	29°53	9°21	7°17	T 11
W12	13 22 44	22°35'04	13°32	6° 6	17°58	0♈23	11°33	19°33	15°41	10°R43	22°24	28°15	29°50	9°28	7°18	W12
T 13	13 26 41	23°33'58	27°18	7°52	19°12	1°10	11°46	19°35	15°40	10°43	22°25	28°R16	29°47	9°34	7°18	T 13
F 14	13 30 38	24°32'50	11♌24	9°39	20°26	1°56	11°58	19°38	15°39	10°43	22°26	28°15	29°44	9°41	7°18	F 14
S 15	13 34 34	25°31'40	25°48	11°28	21°41	2°43	12°11	19°41	15°38	10°43	22°27	28°12	29°41	9°48	7°R18	S 15
S 16	13 38 31	26°30'27	10♍29	13°19	22°55	3°30	12°23	19°43	15°37	10°43	22°28	28° 8	29°37	9°54	7°18	S 16
M17	13 42 27	27°29'12	25°19	15°11	24° 9	4°16	12°35	19°46	15°35	10°43	22°28	28° 4	29°34	10° 1	7°18	M17
T 18	13 46 24	28°27'55	10♎12	17° 5	25°23	5° 3	12°47	19°49	15°34	10°42	22°29	28° 0	29°31	10° 8	7°18	T 18
W19	13 50 20	29°26'36	25° 0	19° 0	26°38	5°50	12°59	19°52	15°32	10°42	22°30	27°56	29°28	10°15	7°18	W19
T 20	13 54 17	0♉25'15	9♏34	20°57	27°52	6°36	13°11	19°56	15°31	10°42	22°31	27°54	29°25	10°21	7°17	T 20
F 21	13 58 13	1°23'52	23°48	22°55	29° 6	7°23	13°23	19°59	15°29	10°42	22°32	27°D53	29°22	10°28	7°17	F 21
S 22	14 2 10	2°22'28	7♐39	24°55	0♉20	8° 9	13°35	20° 2	15°28	10°41	22°33	27°53	29°18	10°35	7°16	S 22
S 23	14 6 7	3°21'01	21° 4	26°56	1°34	8°55	13°47	20° 6	15°26	10°41	22°34	27°54	29°15	10°42	7°16	S 23
M24	14 10 3	4°19'33	4♎ 5	28°59	2°49	9°42	13°59	20° 9	15°25	10°41	22°35	27°56	29°12	10°48	7°15	M24
T 25	14 14 0	5°18'03	16°44	1♉ 3	4° 3	10°28	14°10	20°13	15°23	10°40	22°36	27°57	29° 9	10°55	7°14	T 25
W26	14 17 56	6°16'32	29° 5	3° 8	5°17	11°15	14°22	20°17	15°21	10°40	22°37	27°58	29° 6	11° 2	7°13	W26
T 27	14 21 53	7°14'59	11♒11	5°14	6°31	12° 1	14°33	20°21	15°20	10°39	22°38	27°R58	29° 2	11° 8	7°12	T 27
F 28	14 25 49	8°13'24	23° 8	7°21	7°45	12°47	14°44	20°25	15°18	10°39	22°39	27°57	28°59	11°15	7°11	F 28
S 29	14 29 46	9°11'48	5♓ 1	9°29	8°59	13°33	14°56	20°29	15°16	10°38	22°40	27°56	28°56	11°22	7°10	S 29
S 30	14 33 42	10♉10'10	16♓53	11♉38	10♉13	14♈20	15♓ 7	20♋33	15♐14	10♎38	22♊41	27♉53	28♉53	11♓29	7♎ 9	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
S 1	4n38	17s25	5s 7	6s47	2s21	0n24	1s26	4s15	1s 4	8s55	0s52	22n 4	0n 1	22s39	0n 1	22s 0	1n 0	14n48	8s25	19n54	20n13	13s12	17s 5	6n 9			
S 2	5 2	13 3	5 3	6 14	2 23	0 53	1 26	3 56	1 4	8 51	0 52	22 4	0 1	22 39	0 1	22 0	1 0	14 48	8 25	19 53	20 13	13 9	17 4	6 10			
M 3	5 25	8 11	4 46	5 40	2 24	1 23	1 26	3 37	1 4	8 46	0 52	22 4	0 2	22 39	0 1	22 0	1 0	14 48	8 24	19 51	20 12	13 7	17 3	6 11			
T 4	5 48	2 59	4 16	5 4	2 26	1 53	1 25	3 18	1 4	8 41	0 52	22 4	0 2	22 39	0 1	22 0	1 0	14 48	8 24	19 49	20 11	13 4	17 3	6 11			
W 5	6 10	2n23	3 34	4 27	2 26	2 23	1 25	3 0	1 4	8 36	0 53	22 4	0 2	22 39	0 1	21 59	1 0	14 49	8 24	19 47	20 11	13 2	17 2	6 12			
T 6	6 33	7 43	2 43	3 50	2 26	2 53	1 24	2 41	1 4	8 31	0 53	22 4	0 2	22 39	0 1	21 59	1 0	14 49	8 24	19 46	20 10	12 59	17 1	6 13			
F 7	6 56	12 50	1 43	3 11	2 26	3 22	1 23	2 22	1 3	8 27	0 53	22 3	0 2	22 38	0 1	21 59	1 0	14 49	8 24	19 45	20 9	12 56	17 0	6 14			
S 8	7 18	17 30	0 37	2 31	2 25	3 52	1 22	2 3	1 3	8 22	0 53	22 3	0 2	22 38	0 1	21 59	1 0	14 49	8 23	19 45	20 9	12 53	17 0	6 14			
S 9	7 41	21 28	0n32	1 50	2 24	4 21	1 22	1 44	1 3	8 17	0 53	22 3	0 2	22 38	0 1	21 59	1 0	14 50	8 23	19 45	20 8	12 51	16 59	6 15			
M10	8 3	24 26	1 40	1 8	2 22	4 51	1 21	1 26	1 3	8 12	0 53	22 3	0 2	22 38	0 1	21 59	1 0	14 50	8 23	19 45	20 7	12 48	16 58	6 16			
T 11	8 25	26 10	2 45	0 25	2 20	5 20	1 20	1 7	1 2	8 8	0 53	22 3	0 2	22 38	0 1	21 59	1 0	14 50	8 23	19 45	20 7	12 45	16 58	6 16			
W12	8 47	26 25	3 42	0n19	2 17	5 50	1 19	0 48	1 2	8 3	0 54	22 2	0 2	22 38	0 1	21 59	1 0	14 50	8 23	19 45	20 6	12 43	16 57	6 17			
T 13	9 9	25 3	4 28	1 4	2 14	6 19	1 18	0 29	1 2	7 58	0 54	22 2	0 3	22 38	0 1	21 59	1 0	14 51	8 22	19 45	20 5	12 40	16 56	6 18			
F 14	9 30	22 8	4 59	1 50	2 10	6 48	1 17	0 10	1 2	7 54	0 54	22 2	0 3	22 38	0 1	21 59	1 0	14 51	8 22	19 45	20 5	12 37	16 56	6 18			
S 15	9 52	17 47	5 12	2 36	2 6	7 16	1 16	0n 8	1 1	7 49	0 54	22 1	0 3	22 38	0 1	21 59	1 0	14 51	8 22	19 45	20 4	12 35	16 55	6 19			
S 16	10 13	12 20	5 5	3 23	2 1	7 45	1 14	0 27	1 1	7 45	0 54	22 1	0 3	22 37	0 1	21 59	1 0	14 51	8 22	19 44	20 3	12 32	16 54	6 20			
M17	10 34	6 6	4 37	4 12	1 56	8 14	1 13	0 46	1 1	7 40	0 54	22 1	0 3	22 37	0 1	21 59	1 0	14 52	8 22	19 43	20 3	12 29	16 54	6 20			
T 18	10 55	0s29	3 52	5 0	1 50	8 42	1 12	1 5	1 1	7 36	0 55	22 0	0 3	22 37	0 1	21 59	1 0	14 52	8 21	19 42	20 2	12 27	16 53	6 21			
W19	11 16	7 2	2 50	5 50	1 44	9 10	1 10	1 23	1 0	7 31	0 55	22 0	0 3	22 37	0 1	21 59	1 0	14 52	8 21	19 41	20 1	12 24	16 52	6 22			
T 20	11 37	13 6	1 39	6 40	1 37	9 38	1 9	1 42	1 0	7 27	0 55	22 0	0 3	22 37	0 1	21 59	1 0	14 52	8 21	19 41	20 1	12 21	16 52	6 22			
F 21	11 57	18 21	0 22	7 31	1 30	10 6	1 8	2 1	1 0	7 22	0 55	21 59	0 3	22 37	0 1	21 59	1 0	14 53	8 21	19 40	20 0	12 18	16 51	6 23			
S 22	12 17	22 27	0s53	8 22	1 22	10 33	1 6	2 19	0 59	7 18	0 55	21 59	0 3	22 37	0 1	21 59	1 1	14 53	8 21	19 40	19 59	12 16	16 50	6 23			
S 23	12 37	25 11	2 4	9 13	1 14	11 0	1 4	2 38	0 59	7 14	0 55	21 58	0 3	22 36	0 1	21 59	1 1	14 53	8 20	19 41	19 58	12 13	16 50	6 24			
M24	12 57	26 27	3 6	10 5	1 5	11 27	1 3	2 56	0 59	7 9	0 56	21 58	0 3	22 36	0 1	21 59	1 1	14 53	8 20	19 41	19 58	12 10	16 49	6 25			
T 25	13 17	26 18	3 57	10 57	0 57	11 54	1 1	3 15	0 58	7 5	0 56	21 58	0 4	22 36	0 1	21 59	1 1	14 54	8 20	19 41	19 57	12 7	16 49	6 25			
W26	13 36	24 49	4 36	11 48	0 47	12 20	0 59	3 33	0 58	7 1	0 56	21 57	0 4	22 36	0 1	21 59	1 1	14 54	8 20	19 41	19 56	12 5	16 48	6 26			
T 27	13 55	22 14	5 1	12 40	0 37	12 46	0 58	3 52	0 58	6 57	0 56	21 57	0 4	22 36	0 1	21 59	1 1	14 54	8 20	19 42	19 56	12 2	16 47	6 27			
F 28	14 14	18 44	5 14	13 31	0 27	13 12	0 56	4 10	0 57	6 52	0 56	21 56	0 4	22 36	0 1	21 59	1 1	14 54	8 20	19 41	19 55	11 59	16 47	6 27			
S 29	14 33	14 30	5 12	14 22	0 17	13 38	0 54	4 28	0 57	6 48	0 57	21 56	0 4	22 35	0 1	21 59	1 1	14 54	8 19	19 41	19 54	11 56	16 46	6 28			
S 30	14n51	9s45	4s58	15n12	0s 7	14n 3	0s52	4n46	0s57	6s44	0s57	21n55	0n 4	22s35	0n 1	21s59	1n 1	14n55	8s19	19n40	19n54	11s54	16s46	6n29			

Julian Day Number = 2507152.5, Delta T = 123.22 sec
Ecliptic obliquity = 23°25'15, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°52'04, Lahiri = 25°59'04

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2152
geocentric

MAY 2152 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 37 39	11♉ 8'31	28♓48	13♉47	11♉28	15♈ 6	15♓18	20♋37	15°R12	10°R37	22♊42	27°R51	28♉50	11♓35	7°R 7	M 1
T 2	14 41 36	12° 6'50	10♈50	15°56	12°42	15°52	15°29	20°41	15♐10	10♑36	22°43	27♉48	28°47	11°42	7♑ 6	T 2
W 3	14 45 32	13° 5'07	23° 1	18° 5	13°56	16°38	15°40	20°46	15° 8	10°36	22°44	27°46	28°43	11°49	7° 4	W 3
T 4	14 49 29	14° 3'22	5♉24	20°14	15°10	17°24	15°50	20°50	15° 6	10°35	22°46	27°45	28°40	11°55	7° 3	T 4
F 5	14 53 25	15° 1'36	17°58	22°22	16°24	18°10	16° 1	20°55	15° 4	10°34	22°47	27°44	28°37	12° 2	7° 1	F 5
S 6	14 57 22	15°59'48	0♊45	24°29	17°38	18°56	16°11	20°59	15° 2	10°34	22°48	27°D44	28°34	12° 9	6°59	S 6
S 7	15 1 18	16°57'59	13°46	26°35	18°52	19°42	16°22	21° 4	15° 0	10°33	22°49	27°44	28°31	12°16	6°57	S 7
M 8	15 5 15	17°56'08	27° 0	28°39	20° 6	20°28	16°32	21° 9	14°58	10°32	22°50	27°45	28°28	12°22	6°56	M 8
T 9	15 9 11	18°54'15	10♋28	0♊41	21°20	21°14	16°42	21°14	14°56	10°31	22°51	27°45	28°24	12°29	6°54	T 9
W10	15 13 8	19°52'20	24° 9	2°41	22°34	22° 0	16°52	21°19	14°54	10°30	22°53	27°46	28°21	12°36	6°51	W10
T 11	15 17 5	20°50'23	8♌ 2	4°39	23°48	22°45	17° 2	21°24	14°52	10°30	22°54	27°47	28°18	12°42	6°49	T 11
F 12	15 21 1	21°48'24	22° 6	6°34	25° 2	23°31	17°12	21°29	14°50	10°29	22°55	27°R47	28°15	12°49	6°47	F 12
S 13	15 24 58	22°46'23	6♍21	8°27	26°16	24°17	17°22	21°34	14°47	10°28	22°56	27°47	28°12	12°56	6°45	S 13
S 14	15 28 54	23°44'20	20°42	10°17	27°29	25° 2	17°32	21°39	14°45	10°27	22°57	27°46	28° 8	13° 3	6°42	S 14
M15	15 32 51	24°42'15	5♎ 8	12° 3	28°43	25°48	17°41	21°45	14°43	10°26	22°59	27°46	28° 5	13° 9	6°40	M15
T 16	15 36 47	25°40'09	19°34	13°46	29°57	26°33	17°51	21°50	14°40	10°25	23° 0	27°46	28° 2	13°16	6°38	T 16
W17	15 40 44	26°38'01	3♏54	15°27	1♊11	27°19	18° 0	21°55	14°38	10°24	23° 1	27°46	27°59	13°23	6°35	W17
T 18	15 44 40	27°35'51	18° 5	17° 3	2°25	28° 4	18° 9	22° 1	14°36	10°23	23° 3	27°D46	27°56	13°30	6°32	T 18
F 19	15 48 37	28°33'40	2♐ 1	18°37	3°39	28°50	18°18	22° 7	14°34	10°22	23° 4	27°R46	27°53	13°36	6°30	F 19
S 20	15 52 34	29°31'27	15°40	20° 7	4°53	29°35	18°27	22°12	14°31	10°21	23° 5	27°46	27°49	13°43	6°27	S 20
S 21	15 56 30	0♊29'13	28°59	21°33	6° 6	0♉20	18°36	22°18	14°29	10°19	23° 6	27°45	27°46	13°50	6°24	S 21
M22	16 0 27	1°26'58	11♑58	22°56	7°20	1° 6	18°44	22°24	14°26	10°18	23° 8	27°45	27°43	13°56	6°21	M22
T 23	16 4 23	2°24'42	24°37	24°15	8°34	1°51	18°53	22°30	14°24	10°17	23° 9	27°44	27°40	14° 3	6°18	T 23
W24	16 8 20	3°22'25	7♒ 0	25°31	9°48	2°36	19° 1	22°36	14°22	10°16	23°10	27°44	27°37	14°10	6°15	W24
T 25	16 12 16	4°20'06	19° 9	26°42	11° 2	3°21	19° 9	22°42	14°19	10°15	23°12	27°43	27°34	14°17	6°12	T 25
F 26	16 16 13	5°17'47	1♓ 8	27°51	12°15	4° 6	19°18	22°48	14°17	10°13	23°13	27°D43	27°30	14°23	6° 9	F 26
S 27	16 20 9	6°15'26	13° 2	28°55	13°29	4°51	19°25	22°54	14°14	10°12	23°14	27°43	27°27	14°30	6° 6	S 27
S 28	16 24 6	7°13'04	24°55	29°55	14°43	5°36	19°33	23° 0	14°12	10°11	23°16	27°44	27°24	14°37	6° 3	S 28
M29	16 28 3	8°10'42	6♈52	0♋52	15°57	6°21	19°41	23° 6	14° 9	10°10	23°17	27°44	27°21	14°43	5°59	M29
T 30	16 31 59	9° 8'18	18°57	1°44	17°10	7° 6	19°49	23°12	14° 7	10° 8	23°18	27°45	27°18	14°50	5°56	T 30
W31	16 35 56	10♊ 5'54	1♉14	2♋32	18♊24	7♉50	19♓56	23♋19	14♐ 4	10♑ 7	23♊20	27♉46	27♉14	14♓57	5♑53	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	15n10	4s36	4s30	16n 1	0n 4	14n28	0s50	5n 5	0s56	6s40	0s57	21n55	0n 4	22s35	0n 1	21s59	1n 1	14n55	8s19	19n40	19n53	11s51	16s45	6n29
T 2	15 28	0n45	3 51	16 50	0 14	14 52	0 48	5 23	0 56	6 36	0 57	21 54	0 4	22 35	0 1	21 59	1 1	14 55	8 19	19 39	19 52	11 48	16 45	6 30
W 3	15 45	6 9	3 0	17 36	0 25	15 16	0 46	5 41	0 55	6 32	0 57	21 53	0 4	22 35	0 1	21 59	1 1	14 55	8 19	19 39	19 52	11 45	16 44	6 30
T 4	16 3	11 25	2 0	18 22	0 36	15 40	0 44	5 59	0 55	6 28	0 58	21 53	0 4	22 34	0 1	21 59	1 1	14 56	8 19	19 38	19 51	11 43	16 44	6 31
F 5	16 20	16 19	0 54	19 5	0 46	16 3	0 42	6 17	0 55	6 24	0 58	21 52	0 4	22 34	0 1	21 59	1 1	14 56	8 18	19 38	19 50	11 40	16 43	6 32
S 6	16 37	20 34	0n17	19 47	0 56	16 26	0 40	6 34	0 54	6 20	0 58	21 52	0 5	22 34	0 1	21 59	1 1	14 56	8 18	19 38	19 49	11 37	16 42	6 32
S 7	16 53	23 53	1 28	20 27	1 6	16 49	0 38	6 52	0 54	6 16	0 58	21 51	0 5	22 34	0 1	21 59	1 1	14 56	8 18	19 38	19 49	11 34	16 42	6 33
M 8	17 10	25 58	2 35	21 5	1 16	17 11	0 36	7 10	0 53	6 12	0 58	21 50	0 5	22 34	0 1	22 0	1 1	14 56	8 18	19 39	19 48	11 32	16 42	6 33
T 9	17 26	26 35	3 35	21 40	1 25	17 32	0 34	7 27	0 53	6 9	0 59	21 50	0 5	22 33	0 1	22 0	1 1	14 57	8 18	19 39	19 47	11 29	16 41	6 34
W10	17 42	25 36	4 24	22 13	1 33	17 53	0 32	7 45	0 53	6 5	0 59	21 49	0 5	22 33	0 1	22 0	1 1	14 57	8 18	19 39	19 47	11 26	16 41	6 35
T 11	17 57	23 3	4 58	22 43	1 41	18 14	0 29	8 2	0 52	6 1	0 59	21 48	0 5	22 33	0 1	22 0	1 1	14 57	8 18	19 39	19 46	11 23	16 40	6 35
F 12	18 12	19 6	5 15	23 11	1 49	18 34	0 27	8 20	0 52	5 58	0 59	21 47	0 5	22 33	0 1	22 0	1 1	14 57	8 17	19 39	19 45	11 20	16 40	6 36
S 13	18 27	14 1	5 13	23 36	1 56	18 54	0 25	8 37	0 51	5 54	0 59	21 47	0 5	22 32	0 1	22 0	1 1	14 57	8 17	19 39	19 45	11 18	16 39	6 36
S 14	18 42	8 9	4 52	23 59	2 2	19 13	0 22	8 54	0 51	5 50	1 0	21 46	0 5	22 32	0 1	22 0	1 1	14 58	8 17	19 39	19 44	11 15	16 39	6 37
M15	18 56	1 49	4 12	24 19	2 7	19 32	0 20	9 11	0 50	5 47	1 0	21 45	0 5	22 32	0 1	22 0	1 1	14 58	8 17	19 39	19 43	11 12	16 38	6 37
T 16	19 10	4s37	3 16	24 36	2 11	19 50	0 18	9 28	0 50	5 43	1 0	21 44	0 5	22 32	0 1	22 0	1 1	14 58	8 17	19 39	19 42	11 9	16 38	6 38
W17	19 23	10 48	2 8	24 52	2 15	20 8	0 16	9 44	0 49	5 40	1 0	21 44	0 5	22 31	0 1	22 0	1 1	14 58	8 17	19 39	19 42	11 6	16 38	6 38
T 18	19 37	16 21	0 53	25 5	2 18	20 25	0 13	10 1	0 49	5 37	1 1	21 43	0 6	22 31	0 1	22 0	1 1	14 58	8 17	19 39	19 41	11 4	16 37	6 39
F 19	19 49	20 56	0s24	25 15	2 20	20 41	0 11	10 18	0 48	5 33	1 1	21 42	0 6	22 31	0 1	22 0	1 1	14 59	8 16	19 39	19 40	11 1	16 37	6 39
S 20	20 2	24 16	1 38	25 24	2 21	20 57	0 8	10 34	0 48	5 30	1 1	21 41	0 6	22 31	0 1	22 0	1 1	14 59	8 16	19 39	19 40	10 58	16 36	6 40
S 21	20 14	26 10	2 45	25 30	2 21	21 13	0 6	10 51	0 47	5 27	1 1	21 40	0 6	22 30	0 1	22 0	1 1	14 59	8 16	19 39	19 39	10 55	16 36	6 40
M22	20 26	26 33	3 41	25 34	2 21	21 27	0 4	11 7	0 47	5 24	1 2	21 39	0 6	22 30	0 1	22 0	1 1	14 59	8 16	19 39	19 38	10 52	16 36	6 41
T 23	20 38	25 32	4 25	25 37	2 19	21 42	0 1	11 23	0 46	5 21	1 2	21 39	0 6	22 30	0 1	22 0	1 1	14 59	8 16	19 38	19 37	10 49	16 35	6 41
W24	20 49	23 17	4 56	25 37	2 17	21 55	0n 1	11 39	0 46	5 18	1 2	21 38	0 6	22 30	0 1	22 1	1 1	14 59	8 16	19 38	19 37	10 47	16 35	6 42
T 25	21 0	20 1	5 13	25 36	2 13	22 8	0 4	11 55	0 45	5 15	1 2	21 37	0 6	22 29	0 1	22 1	1 1	15 0	8 16	19 38	19 36	10 44	16 35	6 42
F 26	21 10	15 59	5 16	25 34	2 9	22 21	0 6	12 10	0 45	5 12	1 3	21 36	0 6	22 29	0 1	22 1	1 1	15 0	8 16	19 38	19 35	10 41	16 34	6 43
S 27	21 20	11 22	5 5	25 29	2 4	22 32	0 8	12 26	0 44	5 9	1 3	21 35	0 6	22 29	0 1	22 1	1 1	15 0	8 16	19 38	19 35	10 38	16 34	6 43
S 28	21 30	6 20	4 42	25 24	1 58	22 43	0 11	12 41	0 44	5 6	1 3	21 34	0 6	22 28	0 1	22 1	1 1	15 0	8 16	19 38	19 34	10 35	16 34	6 43
M29	21 39	1 2	4 6	25 17	1 52	22 54	0 13	12 57	0 43	5 3	1 3	21 33	0 6	22 28	0 1	22 1	1 1	15 0	8 15	19 38	19 33	10 32	16 34	6 44
T 30	21 48	4n21	3 19	25 8	1 44	23 4	0 16	13 12	0 43	5 0	1 4	21 32	0 7	22 28	0 1	22 1	1 1	15 0	8 15	19 39	19 32	10 29	16 33	6 44
W31	21n57	9n41	2s22	24n59	1n35	23n13	0n18	13n27	0s42	4s58	1s 4	21n31	0n 7	22s28	0n 1	22s 1	1n 1	15n 1	8s15	19n39	19n32	10s27	16s33	6n45

Julian Day Number = 2507182.5, Delta T = 123.27 sec
Ecliptic obliquity = 23°25'15, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°52'08, Lahiri = 25°59'08

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2152
geocentric

JUNE 2152 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 39 52	11♊ 3'28	13♉46	3♋16	19♊38	8♉35	20♓ 3	23♋25	14°R 2	10°R 6	23♊21	27♉47	27♉11	15♓ 4	5°R49	T 1
F 2	16 43 49	12° 1'02	26°34	3°56	20°52	9°20	20°10	23°32	14♐ 0	10♑ 4	23°23	27°R48	27° 8	15°10	5♑46	F 2
S 3	16 47 45	12°58'34	9♊41	4°32	22° 5	10° 4	20°17	23°38	13°57	10° 3	23°24	27°47	27° 5	15°17	5°42	S 3
S 4	16 51 42	13°56'06	23° 5	5° 3	23°19	10°49	20°24	23°45	13°55	10° 1	23°25	27°46	27° 2	15°24	5°39	S 4
M 5	16 55 38	14°53'37	6♋45	5°30	24°33	11°34	20°31	23°51	13°52	10° 0	23°27	27°45	26°59	15°30	5°35	M 5
T 6	16 59 35	15°51'06	20°39	5°52	25°46	12°18	20°37	23°58	13°50	9°59	23°28	27°42	26°55	15°37	5°31	T 6
W 7	17 3 32	16°48'35	4♌43	6° 9	27° 0	13° 2	20°43	24° 5	13°47	9°57	23°30	27°40	26°52	15°44	5°28	W 7
T 8	17 7 28	17°46'02	18°54	6°22	28°14	13°47	20°50	24°11	13°45	9°56	23°31	27°38	26°49	15°51	5°24	T 8
F 9	17 11 25	18°43'28	3♍ 8	6°31	29°27	14°31	20°56	24°18	13°42	9°54	23°32	27°36	26°46	15°57	5°20	F 9
S 10	17 15 21	19°40'53	17°23	6°R34	0♋41	15°15	21° 2	24°25	13°40	9°53	23°34	27°D35	26°43	16° 4	5°16	S 10
S 11	17 19 18	20°38'16	1♎35	6°34	1°54	15°59	21° 7	24°32	13°37	9°51	23°35	27°36	26°40	16°11	5°13	S 11
M12	17 23 14	21°35'39	15°43	6°28	3° 8	16°44	21°13	24°39	13°35	9°50	23°37	27°37	26°36	16°17	5° 9	M12
T 13	17 27 11	22°33'00	29°45	6°19	4°22	17°28	21°18	24°46	13°32	9°48	23°38	27°38	26°33	16°24	5° 5	T 13
W14	17 31 7	23°30'20	13♏38	6° 5	5°35	18°12	21°23	24°53	13°30	9°47	23°39	27°39	26°30	16°31	5° 1	W14
T 15	17 35 4	24°27'40	27°21	5°47	6°49	18°55	21°28	25° 0	13°27	9°45	23°41	27°R40	26°27	16°38	4°57	T 15
F 16	17 39 1	25°24'59	10♐53	5°26	8° 2	19°39	21°33	25° 7	13°25	9°44	23°42	27°39	26°24	16°44	4°53	F 16
S 17	17 42 57	26°22'17	24°11	5° 2	9°16	20°23	21°38	25°14	13°23	9°42	23°44	27°37	26°20	16°51	4°49	S 17
S 18	17 46 54	27°19'34	7♑15	4°34	10°29	21° 7	21°42	25°21	13°20	9°40	23°45	27°34	26°17	16°58	4°45	S 18
M19	17 50 50	28°16'51	20° 4	4° 4	11°43	21°51	21°47	25°28	13°18	9°39	23°46	27°29	26°14	17° 4	4°41	M19
T 20	17 54 47	29°14'07	2♒38	3°32	12°56	22°34	21°51	25°36	13°16	9°37	23°48	27°24	26°11	17°11	4°37	T 20
W21	17 58 43	0♋11'23	14°58	2°59	14°10	23°18	21°55	25°43	13°13	9°36	23°49	27°19	26° 8	17°18	4°33	W21
T 22	18 2 40	1° 8'39	27° 5	2°25	15°23	24° 1	21°59	25°50	13°11	9°34	23°51	27°14	26° 5	17°25	4°29	T 22
F 23	18 6 37	2° 5'54	9♓ 4	1°50	16°37	24°45	22° 2	25°58	13° 9	9°33	23°52	27°11	26° 1	17°31	4°25	F 23
S 24	18 10 33	3° 3'09	20°58	1°16	17°50	25°28	22° 6	26° 5	13° 6	9°31	23°53	27° 8	25°58	17°38	4°21	S 24
S 25	18 14 30	4° 0'24	2♈50	0°43	19° 4	26°11	22° 9	26°12	13° 4	9°29	23°55	27°D 7	25°55	17°45	4°17	S 25
M26	18 18 26	4°57'38	14°47	0°11	20°17	26°55	22°12	26°20	13° 2	9°28	23°56	27° 8	25°52	17°51	4°13	M26
T 27	18 22 23	5°54'53	26°52	29♊41	21°31	27°38	22°15	26°27	13° 0	9°26	23°58	27° 9	25°49	17°58	4° 9	T 27
W28	18 26 19	6°52'07	9♉11	29°13	22°44	28°21	22°18	26°35	12°57	9°24	23°59	27°11	25°46	18° 5	4° 5	W28
T 29	18 30 16	7°49'22	21°47	28°49	23°58	29° 4	22°20	26°42	12°55	9°23	24° 0	27°R12	25°42	18°12	4° 2	T 29
F 30	18 34 12	8♋46'36	4♊45	28♊28	25♋11	29♉47	22♓23	26♋50	12♐53	9♑21	24♊ 2	27♉12	25♉39	18♓18	3♑58	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n 5	14n44	1s17	24n49	1n26	23n21	0n20	13n42	0s42	4s55	1s 4	21n30	0n 7	22s27	0n 1	22s 1	1n 1	15n 1	8s15	19n39	19n31	10s24	16s33	6n45
F 2	22 13	19 16	0 7	24 37	1 16	23 29	0 23	13 57	0 41	4 53	1 4	21 29	0 7	22 27	0 1	22 1	1 1	15 1	8 15	19 39	19 30	10 21	16 33	6 45
S 3	22 20	22 58	1n 5	24 25	1 5	23 36	0 25	14 11	0 40	4 50	1 5	21 28	0 7	22 27	0 1	22 1	1 1	15 1	8 15	19 39	19 29	10 18	16 32	6 46
S 4	22 27	25 29	2 15	24 12	0 53	23 43	0 27	14 26	0 40	4 48	1 5	21 27	0 7	22 26	0 1	22 1	1 1	15 1	8 15	19 39	19 29	10 15	16 32	6 46
M 5	22 34	26 33	3 19	23 58	0 40	23 48	0 30	14 40	0 39	4 45	1 5	21 26	0 7	22 26	0 1	22 2	1 1	15 1	8 15	19 38	19 28	10 12	16 32	6 46
T 6	22 40	25 59	4 11	23 44	0 26	23 53	0 32	14 54	0 39	4 43	1 5	21 25	0 7	22 26	0 1	22 2	1 1	15 1	8 15	19 38	19 27	10 9	16 32	6 47
W 7	22 46	23 45	4 50	23 29	0 12	23 58	0 34	15 8	0 38	4 41	1 6	21 24	0 7	22 26	0 1	22 2	1 1	15 1	8 15	19 37	19 27	10 7	16 32	6 47
T 8	22 52	20 4	5 11	23 14	0s 2	24 1	0 37	15 22	0 37	4 39	1 6	21 23	0 7	22 25	0 1	22 2	1 1	15 2	8 15	19 37	19 26	10 4	16 32	6 47
F 9	22 57	15 12	5 13	22 58	0 18	24 4	0 39	15 36	0 37	4 36	1 6	21 22	0 7	22 25	0 1	22 2	1 1	15 2	8 15	19 37	19 25	10 1	16 31	6 48
S 10	23 1	9 31	4 56	22 42	0 34	24 6	0 41	15 49	0 36	4 34	1 6	21 20	0 7	22 25	0 1	22 2	1 1	15 2	8 15	19 36	19 24	9 58	16 31	6 48
S 11	23 5	3 22	4 21	22 25	0 50	24 8	0 43	16 3	0 36	4 32	1 7	21 19	0 8	22 24	0 1	22 2	1 1	15 2	8 14	19 36	19 24	9 55	16 31	6 48
M12	23 9	2s57	3 30	22 9	1 7	24 9	0 45	16 16	0 35	4 30	1 7	21 18	0 8	22 24	0 1	22 2	1 1	15 2	8 14	19 37	19 23	9 52	16 31	6 49
T 13	23 13	9 4	2 27	21 53	1 24	24 9	0 48	16 29	0 34	4 29	1 7	21 17	0 8	22 24	0 1	22 2	1 1	15 2	8 14	19 37	19 22	9 49	16 31	6 49
W14	23 16	14 42	1 16	21 36	1 41	24 8	0 50	16 42	0 34	4 27	1 8	21 16	0 8	22 24	0 1	22 3	1 1	15 2	8 14	19 37	19 21	9 46	16 31	6 49
T 15	23 18	19 32	0 2	21 20	1 58	24 6	0 52	16 54	0 33	4 25	1 8	21 15	0 8	22 23	0 1	22 3	1 1	15 2	8 14	19 37	19 21	9 43	16 31	6 49
F 16	23 20	23 15	1s12	21 4	2 15	24 4	0 54	17 7	0 32	4 23	1 8	21 13	0 8	22 23	0 1	22 3	1 1	15 3	8 14	19 37	19 20	9 40	16 31	6 49
S 17	23 22	25 38	2 20	20 48	2 31	24 2	0 56	17 19	0 32	4 22	1 8	21 12	0 8	22 23	0 1	22 3	1 1	15 3	8 14	19 37	19 19	9 38	16 31	6 50
S 18	23 24	26 33	3 20	20 33	2 48	23 58	0 58	17 31	0 31	4 20	1 9	21 11	0 8	22 22	0 1	22 3	1 1	15 3	8 14	19 36	19 18	9 35	16 31	6 50
M19	23 25	26 0	4 8	20 18	3 3	23 54	1 0	17 43	0 30	4 19	1 9	21 10	0 8	22 22	0 1	22 3	1 1	15 3	8 14	19 35	19 18	9 32	16 30	6 50
T 20	23 25	24 9	4 43	20 4	3 18	23 49	1 2	17 55	0 30	4 18	1 9	21 8	0 8	22 22	0 1	22 3	1 1	15 3	8 14	19 34	19 17	9 29	16 30	6 50
W21	23 25	21 11	5 4	19 51	3 32	23 43	1 4	18 7	0 29	4 16	1 10	21 7	0 8	22 22	0 1	22 3	1 1	15 3	8 14	19 33	19 16	9 26	16 30	6 50
T 22	23 25	17 20	5 11	19 39	3 45	23 37	1 5	18 18	0 29	4 15	1 10	21 6	0 8	22 21	0 1	22 3	1 1	15 3	8 14	19 32	19 15	9 23	16 30	6 50
F 23	23 24	12 52	5 5	19 28	3 57	23 30	1 7	18 29	0 28	4 14	1 10	21 5	0 8	22 21	0 0	22 4	1 1	15 3	8 14	19 31	19 15	9 20	16 30	6 51
S 24	23 23	7 57	4 45	19 18	4 7	23 22	1 9	18 40	0 27	4 13	1 10	21 3	0 9	22 21	0 0	22 4	1 1	15 3	8 14	19 30	19 14	9 17	16 30	6 51
S 25	23 22	2 45	4 13	19 9	4 16	23 14	1 11	18 51	0 26	4 12	1 11	21 2	0 9	22 20	0 0	22 4	1 1	15 3	8 14	19 30	19 13	9 14	16 30	6 51
M26	23 20	2n35	3 30	19 1	4 24	23 5	1 12	19 2	0 26	4 11	1 11	21 1	0 9	22 20	0 0	22 4	1 1	15 3	8 14	19 30	19 12	9 11	16 30	6 51
T 27	23 17	7 54	2 37	18 55	4 31	22 55	1 14	19 13	0 25	4 10	1 11	20 59	0 9	22 20	0 0	22 4	1 1	15 3	8 14	19 30	19 12	9 8	16 31	6 51
W28	23 15	13 1	1 36	18 50	4 35	22 45	1 15	19 23	0 24	4 9	1 12	20 58	0 9	22 20	0 0	22 4	1 1	15 4	8 14	19 31	19 11	9 5	16 31	6 51
T 29	23 11	17 44	0 29	18 46	4 39	22 34	1 17	19 33	0 24	4 8	1 12	20 57	0 9	22 19	0 0	22 4	1 1	15 4	8 14	19 31	19 10	9 2	16 31	6 51
F 30	23n 8	21n44	0n41	18n44	4s40	22n22	1n18	19n43	0s23	4s 8	1s12	20n55	0n 9	22s19	0n 0	22s 4	1n 1	15n 4	8s14	19n31	19n 9	8s59	16s31	6n51

Julian Day Number = 2507213.5, Delta T = 123.33 sec
Ecliptic obliquity = 23°25'15, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°52'12, Lahiri = 25°59'13

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2152
geocentric

JULY 2152 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 38 9	9♋43'51	18♊ 5	28°R11	26♋24	0♊30	22♓25	26♋57	12°R51	9°R20	24♊ 3	27°R10	25♉36	18♓25	3°R54	S 1
S 2	18 42 6	10°41'05	1♋49	27♊58	27°38	1°13	22°27	27° 5	12♐49	9♑18	24° 4	27♉ 6	25°33	18°32	3♑50	S 2
M 3	18 46 2	11°38'20	15°53	27°49	28°51	1°56	22°28	27°12	12°47	9°16	24° 6	27° 1	25°30	18°38	3°46	M 3
T 4	18 49 59	12°35'34	0♌14	27°D45	0♌ 5	2°39	22°30	27°20	12°45	9°15	24° 7	26°54	25°26	18°45	3°42	T 4
W 5	18 53 55	13°32'48	14°46	27°46	1°18	3°21	22°31	27°28	12°43	9°13	24° 8	26°47	25°23	18°52	3°38	W 5
T 6	18 57 52	14°30'02	29°22	27°51	2°31	4° 4	22°33	27°35	12°41	9°12	24°10	26°40	25°20	18°59	3°34	T 6
F 7	19 1 48	15°27'15	13♍55	28° 2	3°45	4°46	22°34	27°43	12°39	9°10	24°11	26°35	25°17	19° 5	3°30	F 7
S 8	19 5 45	16°24'28	28°20	28°17	4°58	5°29	22°34	27°51	12°37	9° 8	24°12	26°32	25°14	19°12	3°26	S 8
S 9	19 9 41	17°21'41	12♎34	28°38	6°11	6°11	22°35	27°58	12°35	9° 7	24°14	26°D30	25°11	19°19	3°22	S 9
M10	19 13 38	18°18'54	26°34	29° 3	7°25	6°54	22°35	28° 6	12°33	9° 5	24°15	26°30	25° 7	19°25	3°19	M10
T 11	19 17 35	19°16'06	10♏21	29°34	8°38	7°36	22°36	28°14	12°31	9° 4	24°16	26°31	25° 4	19°32	3°15	T 11
W12	19 21 31	20°13'18	23°54	0♋10	9°51	8°18	22°R36	28°21	12°29	9° 2	24°18	26°R32	25° 1	19°39	3°11	W12
T 13	19 25 28	21°10'30	7♐14	0°51	11° 5	9° 0	22°35	28°29	12°28	9° 0	24°19	26°31	24°58	19°46	3° 8	T 13
F 14	19 29 24	22° 7'43	20°23	1°37	12°18	9°42	22°35	28°37	12°26	8°59	24°20	26°29	24°55	19°52	3° 4	F 14
S 15	19 33 21	23° 4'55	3♑20	2°27	13°31	10°24	22°35	28°45	12°24	8°57	24°21	26°24	24°52	19°59	3° 0	S 15
S 16	19 37 17	24° 2'08	16° 5	3°23	14°44	11° 6	22°34	28°52	12°23	8°56	24°23	26°17	24°48	20° 6	2°57	S 16
M17	19 41 14	24°59'20	28°39	4°23	15°58	11°48	22°33	29° 0	12°21	8°54	24°24	26° 8	24°45	20°12	2°53	M17
T 18	19 45 10	25°56'33	11♒ 2	5°28	17°11	12°30	22°32	29° 8	12°19	8°53	24°25	25°57	24°42	20°19	2°50	T 18
W19	19 49 7	26°53'47	23°14	6°38	18°24	13°12	22°30	29°16	12°18	8°51	24°26	25°46	24°39	20°26	2°46	W19
T 20	19 53 4	27°51'01	5♓17	7°52	19°37	13°53	22°29	29°23	12°16	8°50	24°28	25°36	24°36	20°33	2°43	T 20
F 21	19 57 0	28°48'15	17°13	9°11	20°50	14°35	22°27	29°31	12°15	8°48	24°29	25°27	24°32	20°39	2°39	F 21
S 22	20 0 57	29°45'30	29° 5	10°35	22° 3	15°16	22°25	29°39	12°13	8°47	24°30	25°21	24°29	20°46	2°36	S 22
S 23	20 4 53	0♌42'46	10♈55	12° 2	23°16	15°58	22°23	29°47	12°12	8°45	24°31	25°17	24°26	20°53	2°33	S 23
M24	20 8 50	1°40'02	22°50	13°34	24°29	16°39	22°21	29°55	12°11	8°44	24°32	25°15	24°23	20°59	2°30	M24
T 25	20 12 46	2°37'20	4♉53	15°10	25°43	17°20	22°18	0♌ 2	12° 9	8°42	24°33	25°D14	24°20	21° 6	2°27	T 25
W26	20 16 43	3°34'38	17°10	16°50	26°56	18° 2	22°16	0°10	12° 8	8°41	24°35	25°15	24°17	21°13	2°23	W26
T 27	20 20 39	4°31'57	29°46	18°33	28° 9	18°43	22°13	0°18	12° 7	8°39	24°36	25°R15	24°13	21°19	2°20	T 27
F 28	20 24 36	5°29'17	12♊46	20°20	29°22	19°24	22°10	0°26	12° 6	8°38	24°37	25°13	24°10	21°26	2°17	F 28
S 29	20 28 33	6°26'38	26°12	22°11	0♍35	20° 5	22° 6	0°33	12° 5	8°37	24°38	25°10	24° 7	21°33	2°14	S 29
S 30	20 32 29	7°24'00	10♋ 6	24° 4	1°48	20°46	22° 3	0°41	12° 4	8°35	24°39	25° 4	24° 4	21°40	2°12	S 30
M31	20 36 26	8♌21'23	24♋26	26♋ 0	3♍ 1	21♊27	21♓59	0♌49	12♐ 3	8♑34	24♊40	24♉56	24♉ 1	21♓46	2♑ 9	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n 4	24n44	1n51	18n44	4s41	22n 9	1n20	19n53	0s22	4s 7	1s13	20n54	0n 9	22s19	0n 0	22s 5	1n 1	15n 4	8s14	19n31	19n 9	8s57	16s31	6n51
S 2	22 59	26 21	2 56	18 45	4 40	21 56	1 21	20 2	0 22	4 7	1 13	20 53	0 9	22 19	0 0	22 5	1 1	15 4	8 14	19 30	19 8	8 54	16 31	6 51
M 3	22 55	26 19	3 52	18 47	4 37	21 43	1 22	20 11	0 21	4 6	1 13	20 51	0 9	22 18	0 0	22 5	1 1	15 4	8 14	19 28	19 7	8 51	16 31	6 51
T 4	22 50	24 34	4 35	18 50	4 34	21 29	1 23	20 21	0 20	4 6	1 13	20 50	0 9	22 18	0 0	22 5	1 1	15 4	8 14	19 27	19 6	8 48	16 31	6 51
W 5	22 44	21 11	5 1	18 55	4 29	21 14	1 25	20 29	0 19	4 6	1 14	20 48	0 9	22 18	0 0	22 5	1 1	15 4	8 14	19 25	19 6	8 45	16 31	6 51
T 6	22 38	16 29	5 7	19 1	4 23	20 58	1 26	20 38	0 19	4 5	1 14	20 47	0 10	22 18	0 0	22 5	1 1	15 4	8 14	19 24	19 5	8 42	16 31	6 51
F 7	22 32	10 50	4 54	19 9	4 16	20 42	1 27	20 47	0 18	4 5	1 14	20 46	0 10	22 17	0 0	22 5	1 1	15 4	8 14	19 23	19 4	8 39	16 31	6 51
S 8	22 25	4 40	4 22	19 17	4 8	20 26	1 28	20 55	0 17	4 5	1 15	20 44	0 10	22 17	0 0	22 5	1 1	15 4	8 14	19 22	19 3	8 36	16 32	6 51
S 9	22 18	1s41	3 34	19 26	3 59	20 8	1 28	21 3	0 17	4 5	1 15	20 43	0 10	22 17	0 0	22 6	1 1	15 4	8 14	19 21	19 3	8 33	16 32	6 51
M10	22 10	7 51	2 34	19 36	3 49	19 51	1 29	21 11	0 16	4 5	1 15	20 41	0 10	22 17	0 0	22 6	1 1	15 4	8 14	19 22	19 2	8 30	16 32	6 51
T 11	22 2	13 33	1 26	19 47	3 38	19 32	1 30	21 19	0 15	4 6	1 16	20 40	0 10	22 16	0 0	22 6	1 1	15 4	8 14	19 22	19 1	8 27	16 32	6 51
W12	21 54	18 30	0 14	19 58	3 27	19 13	1 31	21 26	0 14	4 6	1 16	20 38	0 10	22 16	0 0	22 6	1 1	15 4	8 14	19 22	19 0	8 24	16 32	6 51
T 13	21 45	22 26	0s57	20 10	3 15	18 54	1 31	21 34	0 14	4 6	1 16	20 37	0 10	22 16	0 0	22 6	1 1	15 4	8 14	19 22	19 0	8 21	16 33	6 51
F 14	21 36	25 8	2 4	20 22	3 3	18 34	1 32	21 41	0 13	4 7	1 16	20 35	0 10	22 16	0 0	22 6	1 1	15 4	8 14	19 21	18 59	8 18	16 33	6 50
S 15	21 27	26 26	3 4	20 34	2 50	18 14	1 33	21 48	0 12	4 7	1 17	20 34	0 10	22 16	0 0	22 6	1 1	15 4	8 14	19 20	18 58	8 15	16 33	6 50
S 16	21 17	26 18	3 53	20 46	2 37	17 53	1 33	21 54	0 11	4 8	1 17	20 32	0 10	22 15	0 0	22 6	1 1	15 4	8 14	19 18	18 57	8 12	16 33	6 50
M17	21 7	24 49	4 30	20 57	2 24	17 32	1 33	22 1	0 11	4 8	1 17	20 31	0 10	22 15	0 0	22 7	1 1	15 4	8 14	19 16	18 57	8 9	16 33	6 50
T 18	20 57	22 9	4 53	21 9	2 10	17 10	1 34	22 7	0 10	4 9	1 18	20 29	0 11	22 15	0 0	22 7	1 1	15 4	8 14	19 14	18 56	8 6	16 34	6 50
W19	20 46	18 32	5 3	21 19	1 56	16 47	1 34	22 13	0 9	4 10	1 18	20 28	0 11	22 15	0 0	22 7	1 1	15 4	8 14	19 11	18 55	8 3	16 34	6 50
T 20	20 35	14 12	4 59	21 29	1 42	16 25	1 34	22 19	0 8	4 11	1 18	20 26	0 11	22 15	0 0	22 7	1 1	15 4	8 15	19 9	18 54	8 0	16 34	6 50
F 21	20 23	9 22	4 42	21 38	1 28	16 1	1 34	22 24	0 7	4 12	1 18	20 25	0 11	22 14	0 0	22 7	1 1	15 4	8 15	19 7	18 53	7 57	16 34	6 49
S 22	20 11	4 14	4 13	21 46	1 14	15 38	1 34	22 30	0 7	4 13	1 19	20 23	0 11	22 14	0 0	22 7	1 1	15 4	8 15	19 5	18 53	7 54	16 35	6 49
S 23	19 59	1n 3	3 33	21 52	1 1	15 14	1 34	22 35	0 6	4 14	1 19	20 22	0 11	22 14	0 0	22 7	1 1	15 4	8 15	19 4	18 52	7 51	16 35	6 49
M24	19 46	6 21	2 43	21 57	0 47	14 49	1 34	22 40	0 5	4 15	1 19	20 20	0 11	22 14	0 0	22 7	1 1	15 4	8 15	19 4	18 51	7 48	16 35	6 49
T 25	19 34	11 28	1 46	22 0	0 33	14 25	1 34	22 45	0 4	4 16	1 20	20 19	0 11	22 14	0 0	22 7	1 1	15 4	8 15	19 4	18 50	7 45	16 36	6 48
W26	19 20	16 16	0 43	22 2	0 20	14 0	1 34	22 49	0 3	4 18	1 20	20 17	0 11	22 14	0 0	22 8	1 1	15 4	8 15	19 4	18 50	7 42	16 36	6 48
T 27	19 7	20 29	0n24	22 1	0 8	13 34	1 33	22 54	0 3	4 19	1 20	20 15	0 11	22 13	0 0	22 8	1 1	15 4	8 15	19 4	18 49	7 39	16 36	6 48
F 28	18 53	23 50	1 32	21 58	0n 5	13 8	1 33	22 58	0 2	4 20	1 20	20 14	0 11	22 13	0 0	22 8	1 1	15 4	8 15	19 3	18 48	7 36	16 36	6 48
S 29	18 39	25 58	2 36	21 52	0 17	12 42	1 32	23 2	0 1	4 22	1 21	20 12	0 12	22 13	0 0	22 8	1 1	15 4	8 15	19 3	18 47	7 33	16 37	6 47
S 30	18 24	26 36	3 34	21 44	0 28	12 15	1 32	23 6	0 0	4 24	1 21	20 11	0 12	22 13	0 0	22 8	1 1	15 4	8 15	19 1	18 46	7 30	16 37	6 47
M31	18n10	25n29	4n20	21n34	0n38	11n48	1n31	23n 9	0n 1	4s25	1s21	20n 9	0n12	22s13	0n 0	22s 8	1n 1	15n 4	8s15	18n59	18n46	7s27	16s37	6n47

Julian Day Number = 2507243.5, Delta T = 123.39 sec
Ecliptic obliquity = 23°25'15, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°52'16, Lahiri = 25°59'17

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

AUGUST 2152 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 40 22	9♌18'46	9♌ 7	27♋58	4♍14	22♊ 7	21°R56	0♌57	12°R 2	8°R32	24♊41	24°R46	23♉58	21♓53	2°R 6	T 1
W 2	20 44 19	10°16'11	24° 2	29°58	5°27	22°48	21♓52	1° 4	12♐ 1	8♑31	24°42	24♉35	23°54	22° 0	2♑ 3	W 2
T 3	20 48 15	11°13'36	9♍ 2	2♌ 0	6°40	23°29	21°47	1°12	12° 0	8°30	24°43	24°25	23°51	22° 6	2° 1	T 3
F 4	20 52 12	12°11'01	23°57	4° 3	7°53	24° 9	21°43	1°20	11°59	8°29	24°44	24°17	23°48	22°13	1°58	F 4
S 5	20 56 8	13° 8'27	8♎40	6° 7	9° 6	24°50	21°39	1°27	11°58	8°27	24°45	24°11	23°45	22°20	1°56	S 5
S 6	21 0 5	14° 5'54	23° 4	8°11	10°18	25°30	21°34	1°35	11°58	8°26	24°46	24° 8	23°42	22°27	1°53	S 6
M 7	21 4 2	15° 3'22	7♏ 8	10°16	11°31	26°10	21°29	1°43	11°57	8°25	24°47	24° 7	23°38	22°33	1°51	M 7
T 8	21 7 58	16° 0'50	20°51	12°21	12°44	26°51	21°24	1°50	11°56	8°24	24°48	24° 6	23°35	22°40	1°49	T 8
W 9	21 11 55	16°58'19	4♐15	14°26	13°57	27°31	21°19	1°58	11°56	8°22	24°49	24° 6	23°32	22°47	1°47	W 9
T 10	21 15 51	17°55'49	17°21	16°30	15°10	28°11	21°14	2° 6	11°55	8°21	24°50	24° 5	23°29	22°53	1°44	T 10
F 11	21 19 48	18°53'20	0♑12	18°34	16°22	28°51	21° 8	2°13	11°55	8°20	24°51	24° 1	23°26	23° 0	1°42	F 11
S 12	21 23 44	19°50'51	12°52	20°36	17°35	29°31	21° 3	2°21	11°54	8°19	24°52	23°55	23°23	23° 7	1°40	S 12
S 13	21 27 41	20°48'24	25°20	22°38	18°48	0♋11	20°57	2°28	11°54	8°18	24°53	23°45	23°19	23°14	1°39	S 13
M14	21 31 37	21°45'57	7♒39	24°39	20° 1	0°50	20°51	2°36	11°53	8°17	24°54	23°33	23°16	23°20	1°37	M14
T 15	21 35 34	22°43'31	19°50	26°39	21°13	1°30	20°45	2°43	11°53	8°16	24°54	23°20	23°13	23°27	1°35	T 15
W16	21 39 31	23°41'07	1♓54	28°37	22°26	2°10	20°39	2°51	11°53	8°15	24°55	23° 6	23°10	23°34	1°33	W16
T 17	21 43 27	24°38'44	13°51	0♍34	23°38	2°49	20°33	2°58	11°53	8°14	24°56	22°53	23° 7	23°40	1°32	T 17
F 18	21 47 24	25°36'22	25°44	2°29	24°51	3°29	20°26	3° 5	11°53	8°13	24°57	22°42	23° 4	23°47	1°30	F 18
S 19	21 51 20	26°34'01	7♈33	4°24	26° 3	4° 8	20°20	3°13	11°52	8°12	24°58	22°33	23° 0	23°54	1°29	S 19
S 20	21 55 17	27°31'42	19°23	6°16	27°16	4°47	20°13	3°20	11°D52	8°11	24°58	22°27	22°57	24° 0	1°27	S 20
M21	21 59 13	28°29'24	1♉17	8° 8	28°29	5°26	20° 6	3°27	11°52	8°10	24°59	22°23	22°54	24° 7	1°26	M21
T 22	22 3 10	29°27'09	13°19	9°58	29°41	6° 5	19°59	3°35	11°52	8° 9	25° 0	22°22	22°51	24°14	1°25	T 22
W23	22 7 6	0♍24'54	25°34	11°47	0♎53	6°44	19°52	3°42	11°53	8° 8	25° 0	22°22	22°48	24°21	1°24	W23
T 24	22 11 3	1°22'42	8♊ 7	13°34	2° 6	7°23	19°45	3°49	11°53	8° 7	25° 1	22°22	22°44	24°27	1°23	T 24
F 25	22 15 0	2°20'31	21° 3	15°20	3°18	8° 2	19°38	3°56	11°53	8° 7	25° 2	22°20	22°41	24°34	1°22	F 25
S 26	22 18 56	3°18'22	4♋26	17° 4	4°31	8°41	19°31	4° 4	11°53	8° 6	25° 2	22°17	22°38	24°41	1°21	S 26
S 27	22 22 53	4°16'14	18°19	18°47	5°43	9°20	19°23	4°11	11°54	8° 5	25° 3	22°12	22°35	24°47	1°20	S 27
M28	22 26 49	5°14'09	2♌42	20°29	6°55	9°58	19°16	4°18	11°54	8° 4	25° 4	22° 4	22°32	24°54	1°20	M28
T 29	22 30 46	6°12'05	17°30	22° 9	8° 7	10°37	19° 8	4°25	11°54	8° 4	25° 4	21°54	22°29	25° 1	1°19	T 29
W30	22 34 42	7°10'02	2♍36	23°49	9°20	11°15	19° 1	4°32	11°55	8° 3	25° 5	21°44	22°25	25° 7	1°19	W30
T 31	22 38 39	8♍ 8'01	17♍51	25♍26	10♎32	11♋53	18♓53	4♌39	11♐55	8♑ 3	25♊ 5	21♉33	22♉22	25♓14	1♑18	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17n55	22n37	4n50	21n21	0n48	11n21	1n30	23n13	0n 1	4s27	1s22	20n 7	0n12	22s13	0n 0	22s 8	1n 1	15n 4	8s15	18n57	18n45	7s24	16s38	6n46
W 2	17 39	18 14	5 1	21 5	0 58	10 54	1 30	23 16	0 2	4 29	1 22	20 6	0 12	22 13	0 0	22 8	1 1	15 4	8 15	18 54	18 44	7 21	16 38	6 46
T 3	17 24	12 40	4 51	20 46	1 6	10 26	1 29	23 19	0 3	4 31	1 22	20 4	0 12	22 13	0 0	22 9	1 1	15 4	8 16	18 52	18 43	7 18	16 39	6 46
F 4	17 8	6 25	4 22	20 25	1 14	9 58	1 28	23 21	0 4	4 33	1 22	20 3	0 12	22 13	0 0	22 9	1 1	15 4	8 16	18 50	18 43	7 15	16 39	6 46
S 5	16 52	0s 8	3 36	20 2	1 20	9 30	1 27	23 24	0 5	4 35	1 23	20 1	0 12	22 12	0 0	22 9	1 0	15 4	8 16	18 48	18 42	7 12	16 39	6 45
S 6	16 35	6 32	2 36	19 36	1 26	9 1	1 26	23 26	0 6	4 37	1 23	19 59	0 12	22 12	0 0	22 9	1 0	15 4	8 16	18 47	18 41	7 9	16 40	6 45
M 7	16 18	12 29	1 29	19 7	1 32	8 32	1 25	23 28	0 6	4 39	1 23	19 58	0 12	22 12	0 0	22 9	1 0	15 4	8 16	18 47	18 40	7 5	16 40	6 44
T 8	16 1	17 41	0 17	18 37	1 36	8 3	1 23	23 30	0 7	4 41	1 23	19 56	0 12	22 12	0 0	22 9	1 0	15 4	8 16	18 47	18 39	7 2	16 40	6 44
W 9	15 44	21 51	0s53	18 4	1 39	7 34	1 22	23 32	0 8	4 43	1 24	19 55	0 13	22 12	0 0	22 9	1 0	15 3	8 16	18 47	18 39	6 59	16 41	6 44
T 10	15 27	24 48	1 59	17 30	1 42	7 5	1 21	23 33	0 9	4 46	1 24	19 53	0 13	22 12	0 0	22 9	1 0	15 3	8 16	18 47	18 38	6 56	16 41	6 43
F 11	15 9	26 23	2 58	16 54	1 44	6 35	1 19	23 35	0 10	4 48	1 24	19 51	0 13	22 12	0s 0	22 9	1 0	15 3	8 16	18 46	18 37	6 53	16 42	6 43
S 12	14 51	26 34	3 47	16 16	1 45	6 6	1 18	23 36	0 11	4 50	1 24	19 50	0 13	22 12	0 0	22 9	1 0	15 3	8 16	18 44	18 36	6 50	16 42	6 43
S 13	14 33	25 23	4 24	15 37	1 46	5 36	1 16	23 37	0 11	4 53	1 25	19 48	0 13	22 12	0 0	22 10	1 0	15 3	8 17	18 42	18 35	6 47	16 42	6 42
M14	14 14	22 59	4 48	14 57	1 45	5 6	1 14	23 37	0 12	4 55	1 25	19 47	0 13	22 12	0 0	22 10	1 0	15 3	8 17	18 39	18 35	6 44	16 43	6 42
T 15	13 56	19 35	4 59	14 16	1 45	4 36	1 13	23 38	0 13	4 58	1 25	19 45	0 13	22 12	0 0	22 10	1 0	15 3	8 17	18 36	18 34	6 41	16 43	6 41
W16	13 37	15 24	4 56	13 34	1 43	4 5	1 11	23 38	0 14	5 1	1 25	19 43	0 13	22 12	0 0	22 10	1 0	15 3	8 17	18 32	18 33	6 38	16 44	6 41
T 17	13 18	10 39	4 40	12 51	1 41	3 35	1 9	23 38	0 15	5 3	1 25	19 42	0 13	22 12	0 0	22 10	1 0	15 3	8 17	18 29	18 32	6 35	16 44	6 41
F 18	12 59	5 33	4 12	12 7	1 39	3 4	1 7	23 38	0 16	5 6	1 26	19 40	0 13	22 12	0 0	22 10	1 0	15 3	8 17	18 26	18 31	6 32	16 45	6 40
S 19	12 39	0 16	3 33	11 22	1 35	2 34	1 5	23 38	0 17	5 9	1 26	19 39	0 13	22 12	0 0	22 10	1 0	15 3	8 17	18 24	18 31	6 29	16 45	6 40
S 20	12 19	5n 2	2 45	10 38	1 32	2 3	1 3	23 38	0 18	5 12	1 26	19 37	0 14	22 12	0 0	22 10	1 0	15 3	8 17	18 22	18 30	6 26	16 45	6 39
M21	11 59	10 12	1 49	9 52	1 28	1 32	1 1	23 37	0 18	5 14	1 26	19 35	0 14	22 12	0 0	22 10	1 0	15 3	8 17	18 21	18 29	6 23	16 46	6 39
T 22	11 39	15 4	0 48	9 7	1 23	1 2	0 59	23 36	0 19	5 17	1 26	19 34	0 14	22 12	0 0	22 10	1 0	15 2	8 18	18 21	18 28	6 20	16 46	6 38
W23	11 19	19 25	0n17	8 21	1 19	0 31	0 57	23 35	0 20	5 20	1 27	19 32	0 14	22 12	0 0	22 10	1 0	15 2	8 18	18 21	18 27	6 16	16 47	6 38
T 24	10 59	23 0	1 22	7 35	1 13	0s 0	0 54	23 34	0 21	5 23	1 27	19 31	0 14	22 12	0 0	22 11	1 0	15 2	8 18	18 21	18 27	6 13	16 47	6 38
F 25	10 38	25 32	2 26	6 49	1 8	0 31	0 52	23 33	0 22	5 26	1 27	19 29	0 14	22 12	0 0	22 11	1 0	15 2	8 18	18 20	18 26	6 10	16 48	6 37
S 26	10 17	26 44	3 23	6 3	1 2	1 2	0 49	23 31	0 23	5 29	1 27	19 27	0 14	22 12	0 0	22 11	1 0	15 2	8 18	18 20	18 25	6 7	16 48	6 37
S 27	9 56	26 19	4 11	5 17	0 56	1 33	0 47	23 29	0 24	5 32	1 27	19 26	0 14	22 12	0 0	22 11	1 0	15 2	8 18	18 18	18 24	6 4	16 49	6 36
M28	9 35	24 9	4 44	4 31	0 49	2 4	0 44	23 27	0 25	5 35	1 27	19 24	0 14	22 12	0 0	22 11	1 0	15 2	8 18	18 16	18 23	6 1	16 49	6 36
T 29	9 14	20 21	5 0	3 46	0 43	2 35	0 42	23 25	0 26	5 38	1 28	19 23	0 14	22 12	0 0	22 11	1 0	15 2	8 18	18 14	18 23	5 58	16 50	6 35
W30	8 52	15 8	4 56	3 0	0 36	3 6	0 39	23 23	0 27	5 41	1 28	19 21	0 15	22 12	0 0	22 11	1 0	15 2	8 19	18 11	18 22	5 55	16 50	6 35
T 31	8n31	8n57	4n31	2n15	0n29	3s37	0n36	23n21	0n27	5s44	1s28	19n19	0n15	22s12	0s 0	22s11	1n 0	15n 1	8s19	18n 8	18n21	5s52	16s51	6n34

Julian Day Number = 2507274.5, Delta T = 123.45 sec
Ecliptic obliquity = 23°25'15, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°52'21, Lahiri = 25°59'21

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2152
geocentric

SEPTEMBER 2152 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 42 35	9♍ 6'02	3♎ 3	27♍ 3	11♎44	12♋32	18°R45	4♌46	11♐56	8°R 2	25♊ 6	21°R25	22♉19	25♓21	1°R18	F 1
S 2	22 46 32	10° 4'04	18° 3	28°38	12°56	13°10	18♓38	4°52	11°57	8♑ 1	25° 6	21♉19	22°16	25°28	1♑18	S 2
S 3	22 50 29	11° 2'07	2♏43	0♎12	14° 8	13°48	18°30	4°59	11°57	8° 1	25° 7	21°15	22°13	25°34	1°18	S 3
M 4	22 54 25	12° 0'12	16°57	1°45	15°21	14°26	18°22	5° 6	11°58	8° 0	25° 7	21°D14	22°10	25°41	1°D17	M 4
T 5	22 58 22	12°58'18	0♐46	3°16	16°33	15° 4	18°14	5°13	11°59	8° 0	25° 8	21°14	22° 6	25°48	1°17	T 5
W 6	23 2 18	13°56'26	14°10	4°46	17°45	15°41	18° 6	5°19	12° 0	7°59	25° 8	21°R15	22° 3	25°54	1°18	W 6
T 7	23 6 15	14°54'35	27°13	6°15	18°57	16°19	17°58	5°26	12° 0	7°59	25° 9	21°14	22° 0	26° 1	1°18	T 7
F 8	23 10 11	15°52'45	9♑56	7°43	20° 9	16°56	17°50	5°33	12° 1	7°59	25° 9	21°11	21°57	26° 8	1°18	F 8
S 9	23 14 8	16°50'57	22°25	9° 9	21°20	17°34	17°42	5°39	12° 2	7°58	25° 9	21° 6	21°54	26°14	1°18	S 9
S 10	23 18 4	17°49'10	4♒42	10°34	22°32	18°11	17°34	5°46	12° 3	7°58	25°10	20°59	21°50	26°21	1°19	S 10
M11	23 22 1	18°47'25	16°51	11°57	23°44	18°48	17°27	5°52	12° 5	7°58	25°10	20°49	21°47	26°28	1°19	M11
T 12	23 25 58	19°45'42	28°52	13°20	24°56	19°25	17°19	5°58	12° 6	7°58	25°10	20°38	21°44	26°35	1°20	T 12
W13	23 29 54	20°44'00	10♓48	14°40	26° 8	20° 3	17°11	6° 5	12° 7	7°57	25°10	20°26	21°41	26°41	1°21	W13
T 14	23 33 51	21°42'20	22°41	16° 0	27°19	20°39	17° 3	6°11	12° 8	7°57	25°11	20°15	21°38	26°48	1°22	T 14
F 15	23 37 47	22°40'42	4♈32	17°18	28°31	21°16	16°55	6°17	12° 9	7°57	25°11	20° 6	21°35	26°55	1°23	F 15
S 16	23 41 44	23°39'06	16°22	18°34	29°43	21°53	16°47	6°23	12°11	7°57	25°11	19°59	21°31	27° 1	1°24	S 16
S 17	23 45 40	24°37'31	28°14	19°49	0♏54	22°30	16°39	6°29	12°12	7°57	25°11	19°54	21°28	27° 8	1°25	S 17
M18	23 49 37	25°35'59	10♉11	21° 2	2° 6	23° 6	16°31	6°35	12°14	7°57	25°11	19°51	21°25	27°15	1°26	M18
T 19	23 53 33	26°34'29	22°16	22°13	3°17	23°42	16°24	6°41	12°15	7°D57	25°12	19°D51	21°22	27°21	1°27	T 19
W20	23 57 30	27°33'01	4♊32	23°23	4°29	24°19	16°16	6°47	12°17	7°57	25°12	19°52	21°19	27°28	1°28	W20
T 21	0 1 27	28°31'35	17° 5	24°30	5°40	24°55	16° 8	6°53	12°18	7°57	25°12	19°53	21°15	27°35	1°30	T 21
F 22	0 5 23	29°30'11	29°58	25°36	6°51	25°31	16° 1	6°59	12°20	7°57	25°12	19°R53	21°12	27°41	1°31	F 22
S 23	0 9 20	0♎28'50	13♋15	26°39	8° 3	26° 7	15°53	7° 4	12°21	7°57	25°12	19°52	21° 9	27°48	1°33	S 23
S 24	0 13 16	1°27'30	27° 0	27°40	9°14	26°43	15°46	7°10	12°23	7°57	25°12	19°50	21° 6	27°55	1°35	S 24
M25	0 17 13	2°26'13	11♌14	28°38	10°25	27°19	15°39	7°16	12°25	7°57	25°R12	19°45	21° 3	28° 2	1°36	M25
T 26	0 21 9	3°24'59	25°54	29°34	11°36	27°54	15°31	7°21	12°27	7°57	25°12	19°39	21° 0	28° 8	1°38	T 26
W27	0 25 6	4°23'46	10♍55	0♏27	12°47	28°30	15°24	7°26	12°29	7°58	25°12	19°32	20°56	28°15	1°40	W27
T 28	0 29 2	5°22'35	26° 9	1°16	13°59	29° 5	15°17	7°32	12°31	7°58	25°12	19°25	20°53	28°22	1°42	T 28
F 29	0 32 59	6°21'26	11♎25	2° 2	15°10	29°40	15°10	7°37	12°32	7°58	25°12	19°20	20°50	28°28	1°44	F 29
S 30	0 36 55	7♎20'20	26♎33	2♏45	16♏21	0♌15	15♓ 3	7♌42	12♐34	7♑59	25♊12	19♉16	20♉47	28♓35	1♑46	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	8n 9	2n15	3n46	1n30	0n21	4s 7	0n34	23n18	0n28	5s48	1s28	19n18	0n15	22s12	0s 0	22s11	1n 0	15n 1	8s19	18n 6	18n20	5s49	16s51	6n34
S 2	7 47	4s31	2 46	0 45	0 14	4 38	0 31	23 15	0 29	5 51	1 28	19 16	0 15	22 12	0 0	22 11	1 0	15 1	8 19	18 5	18 19	5 45	16 52	6 33
S 3	7 25	10 53	1 37	0 1	0 6	5 9	0 28	23 13	0 30	5 54	1 28	19 15	0 15	22 13	0 0	22 11	0 59	15 1	8 19	18 4	18 18	5 42	16 52	6 33
M 4	7 3	16 31	0 23	0s43	0s 1	5 39	0 25	23 9	0 31	5 57	1 28	19 13	0 15	22 13	0 0	22 11	0 59	15 1	8 19	18 3	18 18	5 39	16 53	6 32
T 5	6 41	21 7	0s50	1 27	0 9	6 10	0 22	23 6	0 32	6 0	1 28	19 12	0 15	22 13	0 0	22 12	0 59	15 1	8 19	18 3	18 17	5 36	16 53	6 32
W 6	6 19	24 27	1 59	2 10	0 17	6 40	0 19	23 3	0 33	6 3	1 28	19 10	0 15	22 13	0 0	22 12	0 59	15 1	8 19	18 3	18 16	5 33	16 54	6 31
T 7	5 56	26 22	2 59	2 52	0 25	7 10	0 16	22 59	0 34	6 7	1 29	19 9	0 15	22 13	0 0	22 12	0 59	15 1	8 20	18 3	18 15	5 30	16 54	6 31
F 8	5 34	26 51	3 49	3 34	0 34	7 40	0 13	22 56	0 35	6 10	1 29	19 7	0 15	22 13	0 0	22 12	0 59	15 1	8 20	18 3	18 14	5 27	16 54	6 30
S 9	5 11	25 56	4 27	4 16	0 42	8 10	0 10	22 52	0 36	6 13	1 29	19 6	0 16	22 13	0 0	22 12	0 59	15 0	8 20	18 1	18 14	5 24	16 55	6 30
S 10	4 49	23 47	4 51	4 57	0 50	8 40	0 7	22 48	0 37	6 16	1 29	19 4	0 16	22 13	0 0	22 12	0 59	15 0	8 20	17 59	18 13	5 21	16 55	6 29
M11	4 26	20 35	5 3	5 37	0 58	9 9	0 3	22 44	0 38	6 19	1 29	19 3	0 16	22 14	0 0	22 12	0 59	15 0	8 20	17 57	18 12	5 17	16 56	6 29
T 12	4 3	16 33	5 0	6 17	1 7	9 39	0 0	22 39	0 39	6 22	1 29	19 1	0 16	22 14	0 0	22 12	0 59	15 0	8 20	17 54	18 11	5 14	16 56	6 28
W13	3 40	11 54	4 45	6 56	1 15	10 8	0s 3	22 35	0 40	6 25	1 29	19 0	0 16	22 14	0 0	22 12	0 59	15 0	8 20	17 51	18 10	5 11	16 57	6 28
T 14	3 17	6 50	4 17	7 34	1 23	10 37	0 6	22 30	0 41	6 29	1 29	18 58	0 16	22 14	0 0	22 12	0 59	15 0	8 21	17 48	18 9	5 8	16 57	6 27
F 15	2 54	1 32	3 38	8 12	1 31	11 5	0 10	22 26	0 42	6 32	1 29	18 57	0 16	22 14	0 0	22 12	0 59	15 0	8 21	17 45	18 9	5 5	16 58	6 27
S 16	2 31	3n49	2 49	8 48	1 40	11 34	0 13	22 21	0 43	6 35	1 29	18 56	0 16	22 14	0 0	22 12	0 59	15 0	8 21	17 43	18 8	5 2	16 58	6 26
S 17	2 8	9 5	1 53	9 24	1 48	12 2	0 16	22 16	0 44	6 38	1 29	18 54	0 16	22 15	0 0	22 12	0 59	14 59	8 21	17 42	18 7	4 59	16 59	6 26
M18	1 45	14 3	0 52	9 59	1 56	12 30	0 20	22 11	0 45	6 41	1 29	18 53	0 17	22 15	0 0	22 12	0 59	14 59	8 21	17 41	18 6	4 56	16 59	6 25
T 19	1 22	18 32	0n13	10 34	2 4	12 58	0 23	22 6	0 46	6 44	1 29	18 51	0 17	22 15	0 0	22 12	0 59	14 59	8 21	17 41	18 5	4 52	17 0	6 25
W20	0 58	22 19	1 18	11 7	2 12	13 25	0 27	22 0	0 47	6 47	1 29	18 50	0 17	22 15	0 0	22 12	0 59	14 59	8 21	17 41	18 4	4 49	17 0	6 24
T 21	0 35	25 8	2 21	11 39	2 19	13 53	0 30	21 55	0 48	6 50	1 29	18 49	0 17	22 15	0 0	22 12	0 59	14 59	8 22	17 42	18 4	4 46	17 1	6 24
F 22	0 12	26 44	3 19	12 10	2 27	14 19	0 34	21 49	0 49	6 53	1 29	18 47	0 17	22 16	0 0	22 12	0 59	14 59	8 22	17 42	18 3	4 43	17 1	6 23
S 23	0s11	26 52	4 8	12 40	2 34	14 46	0 37	21 44	0 50	6 56	1 29	18 46	0 17	22 16	0 0	22 12	0 59	14 59	8 22	17 42	18 2	4 40	17 2	6 23
S 24	0 35	25 23	4 44	13 9	2 41	15 12	0 41	21 38	0 51	6 58	1 29	18 45	0 17	22 16	0 0	22 12	0 59	14 58	8 22	17 41	18 1	4 37	17 2	6 23
M25	0 58	22 16	5 5	13 36	2 48	15 38	0 44	21 32	0 52	7 1	1 29	18 43	0 17	22 16	0 0	22 12	0 59	14 58	8 22	17 40	18 0	4 34	17 3	6 22
T 26	1 21	17 41	5 6	14 2	2 55	16 4	0 48	21 26	0 53	7 4	1 29	18 42	0 17	22 17	0 0	22 13	0 59	14 58	8 22	17 38	17 59	4 30	17 3	6 22
W27	1 45	11 54	4 47	14 27	3 1	16 29	0 51	21 20	0 54	7 7	1 29	18 41	0 18	22 17	0 0	22 13	0 58	14 58	8 22	17 36	17 59	4 27	17 4	6 21
T 28	2 8	5 19	4 8	14 50	3 7	16 54	0 55	21 13	0 55	7 9	1 29	18 40	0 18	22 17	0 0	22 13	0 58	14 58	8 23	17 34	17 58	4 24	17 4	6 21
F 29	2 31	1s35	3 10	15 11	3 13	17 18	0 58	21 7	0 56	7 12	1 29	18 38	0 18	22 17	0 0	22 13	0 58	14 58	8 23	17 33	17 57	4 21	17 5	6 20
S 30	2s55	8s22	2n 0	15s30	3s18	17s42	1s 2	21n 1	0n57	7s15	1s28	18n37	0n18	22s18	0s 0	22s13	0n58	14n58	8s23	17n32	17n56	4s18	17s 5	6n20

Julian Day Number = 2507305.5, Delta T = 123.51 sec
Ecliptic obliquity = 23°25'16, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°52'25, Lahiri = 25°59'25

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2152
geocentric

OCTOBER 2152 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 40 52	8♎19'15	11♏23	3♏23	17♏32	0♌50	14°R57	7♌47	12♐36	7♑59	25°R11	19°R14	20♉44	28♓42	1♑49	S 1
M 2	0 44 49	9°18'12	25°49	3°57	18°42	1°25	14♓50	7°52	12°39	7°59	25♊11	19°D14	20°41	28°48	1°51	M 2
T 3	0 48 45	10°17'11	9♐48	4°27	19°53	2° 0	14°44	7°57	12°41	8° 0	25°11	19♉15	20°37	28°55	1°53	T 3
W 4	0 52 42	11°16'12	23°20	4°51	21° 4	2°35	14°37	8° 2	12°43	8° 0	25°11	19°17	20°34	29° 2	1°56	W 4
T 5	0 56 38	12°15'14	6♑27	5° 9	22°15	3° 9	14°31	8° 7	12°45	8° 1	25°11	19°R18	20°31	29° 9	1°59	T 5
F 6	1 0 35	13°14'19	19°11	5°22	23°25	3°43	14°25	8°12	12°47	8° 1	25°10	19°18	20°28	29°15	2° 1	F 6
S 7	1 4 31	14°13'25	1♒38	5°R28	24°36	4°17	14°19	8°16	12°50	8° 2	25°10	19°16	20°25	29°22	2° 4	S 7
S 8	1 8 28	15°12'32	13°50	5°27	25°46	4°51	14°13	8°21	12°52	8° 3	25°10	19°13	20°21	29°29	2° 7	S 8
M 9	1 12 25	16°11'42	25°52	5°19	26°57	5°25	14° 8	8°25	12°54	8° 3	25°10	19° 9	20°18	29°35	2°10	M 9
T 10	1 16 21	17°10'53	7♓48	5° 3	28° 7	5°59	14° 2	8°30	12°57	8° 4	25° 9	19° 3	20°15	29°42	2°13	T 10
W11	1 20 18	18°10'06	19°40	4°39	29°18	6°33	13°57	8°34	12°59	8° 5	25° 9	18°57	20°12	29°49	2°16	W11
T 12	1 24 14	19° 9'21	1♈31	4° 7	0♐28	7° 6	13°52	8°38	13° 2	8° 5	25° 9	18°52	20° 9	29°55	2°19	T 12
F 13	1 28 11	20° 8'38	13°22	3°27	1°38	7°40	13°47	8°42	13° 4	8° 6	25° 8	18°47	20° 6	0♈ 2	2°22	F 13
S 14	1 32 7	21° 7'57	25°17	2°39	2°48	8°13	13°42	8°46	13° 7	8° 7	25° 8	18°44	20° 2	0° 9	2°25	S 14
S 15	1 36 4	22° 7'18	7♉16	1°44	3°58	8°46	13°37	8°50	13° 9	8° 8	25° 7	18°42	19°59	0°15	2°29	S 15
M16	1 40 0	23° 6'41	19°22	0°42	5° 8	9°19	13°33	8°54	13°12	8° 9	25° 7	18°D41	19°56	0°22	2°32	M16
T 17	1 43 57	24° 6'06	1♊37	29♎34	6°18	9°51	13°29	8°58	13°15	8°10	25° 6	18°42	19°53	0°29	2°36	T 17
W18	1 47 53	25° 5'34	14° 2	28°23	7°28	10°24	13°25	9° 1	13°17	8°10	25° 6	18°43	19°50	0°35	2°39	W18
T 19	1 51 50	26° 5'03	26°42	27°10	8°37	10°56	13°21	9° 5	13°20	8°11	25° 5	18°45	19°47	0°42	2°43	T 19
F 20	1 55 47	27° 4'35	9♋38	25°56	9°47	11°28	13°17	9° 8	13°23	8°12	25° 5	18°46	19°43	0°49	2°47	F 20
S 21	1 59 43	28° 4'10	22°54	24°45	10°56	12° 1	13°13	9°12	13°26	8°13	25° 4	18°R47	19°40	0°56	2°50	S 21
S 22	2 3 40	29° 3'46	6♌33	23°38	12° 6	12°32	13°10	9°15	13°29	8°15	25° 4	18°47	19°37	1° 2	2°54	S 22
M23	2 7 36	0♏ 3'25	20°34	22°37	13°15	13° 4	13° 7	9°18	13°32	8°16	25° 3	18°46	19°34	1° 9	2°58	M23
T 24	2 11 33	1° 3'06	4♍57	21°44	14°24	13°36	13° 4	9°21	13°34	8°17	25° 3	18°44	19°31	1°16	3° 2	T 24
W25	2 15 29	2° 2'50	19°39	21° 0	15°34	14° 7	13° 1	9°24	13°37	8°18	25° 2	18°42	19°27	1°22	3° 6	W25
T 26	2 19 26	3° 2'35	4♎35	20°27	16°43	14°38	12°58	9°27	13°40	8°19	25° 1	18°40	19°24	1°29	3°10	T 26
F 27	2 23 22	4° 2'23	19°38	20° 5	17°52	15° 9	12°56	9°30	13°43	8°20	25° 1	18°38	19°21	1°36	3°14	F 27
S 28	2 27 19	5° 2'13	4♏37	19°D55	19° 1	15°40	12°54	9°32	13°46	8°21	25° 0	18°37	19°18	1°42	3°19	S 28
S 29	2 31 16	6° 2'04	19°25	19°56	20° 9	16°11	12°52	9°35	13°50	8°23	24°59	18°D37	19°15	1°49	3°23	S 29
M30	2 35 12	7° 1'58	3♐54	20° 7	21°18	16°41	12°50	9°38	13°53	8°24	24°59	18°37	19°12	1°56	3°27	M30
T 31	2 39 9	8♏ 1'54	18♐ 0	20♎30	22♐26	17♌11	12♓48	9♌40	13♐56	8♑25	24♊58	18♉38	19♉ 8	2♈ 2	3♑32	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3s18	14s34	0n43	15s48	3s22	18s 6	1s 5	20n54	0n58	7s17	1s28	18n36	0n18	22s18	0s 0	22s13	0n58	14n57	8s23	17n31	17n55	4s15	17s 5	6n19
M 2	3 41	19 47	0s36	16 3	3 26	18 29	1 9	20 48	0 59	7 20	1 28	18 35	0 18	22 18	0 1	22 13	0 58	14 57	8 23	17 31	17 54	4 11	17 6	6 19
T 3	4 4	23 43	1 50	16 17	3 29	18 52	1 12	20 41	1 0	7 22	1 28	18 34	0 18	22 19	0 1	22 13	0 58	14 57	8 23	17 32	17 54	4 8	17 6	6 18
W 4	4 27	26 10	2 55	16 27	3 32	19 14	1 16	20 34	1 1	7 24	1 28	18 32	0 18	22 19	0 1	22 13	0 58	14 57	8 23	17 32	17 53	4 5	17 7	6 18
T 5	4 50	27 4	3 49	16 35	3 34	19 36	1 19	20 27	1 3	7 27	1 28	18 31	0 19	22 19	0 1	22 13	0 58	14 57	8 23	17 32	17 52	4 2	17 7	6 17
F 6	5 13	26 30	4 30	16 40	3 34	19 57	1 23	20 20	1 4	7 29	1 28	18 30	0 19	22 19	0 1	22 13	0 58	14 57	8 24	17 32	17 51	3 59	17 8	6 17
S 7	5 36	24 36	4 57	16 42	3 34	20 18	1 26	20 13	1 5	7 31	1 28	18 29	0 19	22 20	0 1	22 13	0 58	14 57	8 24	17 32	17 50	3 56	17 8	6 16
S 8	5 59	21 36	5 10	16 40	3 33	20 38	1 30	20 6	1 6	7 33	1 28	18 28	0 19	22 20	0 1	22 13	0 58	14 56	8 24	17 31	17 49	3 52	17 8	6 16
M 9	6 22	17 44	5 9	16 35	3 30	20 58	1 33	19 59	1 7	7 35	1 28	18 27	0 19	22 20	0 1	22 13	0 58	14 56	8 24	17 30	17 49	3 49	17 9	6 15
T 10	6 45	13 12	4 55	16 26	3 26	21 18	1 37	19 52	1 8	7 37	1 27	18 26	0 19	22 21	0 1	22 13	0 58	14 56	8 24	17 28	17 48	3 46	17 9	6 15
W11	7 7	8 12	4 28	16 12	3 20	21 37	1 40	19 44	1 9	7 39	1 27	18 25	0 19	22 21	0 1	22 13	0 58	14 56	8 24	17 27	17 47	3 43	17 10	6 15
T 12	7 30	2 55	3 50	15 55	3 13	21 55	1 43	19 37	1 10	7 41	1 27	18 24	0 19	22 21	0 1	22 13	0 58	14 56	8 24	17 25	17 46	3 40	17 10	6 14
F 13	7 52	2n29	3 2	15 32	3 4	22 13	1 47	19 30	1 11	7 43	1 27	18 23	0 19	22 22	0 1	22 13	0 58	14 56	8 25	17 24	17 45	3 37	17 10	6 14
S 14	8 14	7 50	2 5	15 6	2 53	22 30	1 50	19 22	1 13	7 44	1 27	18 22	0 20	22 22	0 1	22 13	0 58	14 56	8 25	17 23	17 44	3 33	17 11	6 13
S 15	8 37	12 57	1 2	14 34	2 41	22 47	1 53	19 15	1 14	7 46	1 27	18 21	0 20	22 22	0 1	22 13	0 58	14 55	8 25	17 22	17 43	3 30	17 11	6 13
M16	8 59	17 37	0n 4	13 59	2 26	23 3	1 56	19 7	1 15	7 48	1 27	18 20	0 20	22 23	0 1	22 13	0 58	14 55	8 25	17 22	17 43	3 27	17 12	6 12
T 17	9 20	21 37	1 11	13 20	2 10	23 18	1 59	18 59	1 16	7 49	1 26	18 19	0 20	22 23	0 1	22 13	0 58	14 55	8 25	17 22	17 42	3 24	17 12	6 12
W18	9 42	24 42	2 15	12 38	1 52	23 33	2 2	18 52	1 17	7 51	1 26	18 19	0 20	22 23	0 1	22 13	0 58	14 55	8 25	17 23	17 41	3 21	17 12	6 12
T 19	10 4	26 37	3 14	11 54	1 33	23 47	2 5	18 44	1 18	7 52	1 26	18 18	0 20	22 24	0 1	22 13	0 58	14 55	8 25	17 23	17 40	3 17	17 13	6 11
F 20	10 25	27 9	4 5	11 9	1 13	24 1	2 8	18 36	1 20	7 53	1 26	18 17	0 20	22 24	0 1	22 13	0 58	14 55	8 25	17 24	17 39	3 14	17 13	6 11
S 21	10 47	26 9	4 44	10 24	0 53	24 14	2 11	18 28	1 21	7 54	1 26	18 16	0 21	22 24	0 1	22 13	0 57	14 55	8 25	17 24	17 38	3 11	17 13	6 10
S 22	11 8	23 36	5 9	9 40	0 32	24 26	2 14	18 21	1 22	7 56	1 26	18 16	0 21	22 25	0 1	22 13	0 57	14 55	8 26	17 24	17 37	3 8	17 14	6 10
M23	11 29	19 36	5 16	8 58	0 12	24 38	2 17	18 13	1 23	7 57	1 25	18 15	0 21	22 25	0 1	22 13	0 57	14 54	8 26	17 24	17 37	3 5	17 14	6 10
T 24	11 50	14 23	5 3	8 20	0n 8	24 49	2 20	18 5	1 25	7 58	1 25	18 14	0 21	22 25	0 1	22 12	0 57	14 54	8 26	17 23	17 36	3 2	17 14	6 9
W25	12 11	8 15	4 31	7 46	0 27	25 0	2 22	17 57	1 26	7 59	1 25	18 13	0 21	22 26	0 1	22 12	0 57	14 54	8 26	17 23	17 35	2 58	17 14	6 9
T 26	12 31	1 33	3 40	7 18	0 45	25 10	2 25	17 49	1 27	7 59	1 25	18 13	0 21	22 26	0 1	22 12	0 57	14 54	8 26	17 22	17 34	2 55	17 15	6 8
F 27	12 51	5s18	2 34	6 55	1 1	25 19	2 28	17 41	1 28	8 0	1 25	18 12	0 21	22 27	0 1	22 12	0 57	14 54	8 26	17 22	17 33	2 52	17 15	6 8
S 28	13 11	11 51	1 17	6 37	1 15	25 28	2 30	17 33	1 30	8 1	1 24	18 12	0 21	22 27	0 1	22 12	0 57	14 54	8 26	17 21	17 32	2 49	17 15	6 8
S 29	13 31	17 39	0s 4	6 26	1 28	25 35	2 32	17 25	1 31	8 1	1 24	18 11	0 22	22 27	0 1	22 12	0 57	14 54	8 26	17 21	17 31	2 46	17 16	6 7
M30	13 51	22 17	1 24	6 20	1 39	25 43	2 35	17 17	1 32	8 2	1 24	18 11	0 22	22 28	0 1	22 12	0 57	14 53	8 26	17 21	17 31	2 42	17 16	6 7
T 31	14s11	25s28	2s36	6s20	1n48	25s49	2s37	17n 9	1n33	8s 2	1s24	18n10	0n22	22s28	0s 1	22s12	0n57	14n53	8s27	17n21	17n30	2s39	17s16	6n 7

Julian Day Number = 2507335.5, Delta T = 123.57 sec
Ecliptic obliquity = 23°25'16, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°52'29, Lahiri = 25°59'29

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2152
geocentric

NOVEMBER 2152 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 43 5	9♏ 1'51	1♑40	21♎ 1	23♐35	17♌41	12°R47	9♌42	13♐59	8♑27	24°R57	18♉39	19♉ 5	2♈ 9	3♑36	W 1
T 2	2 47 2	10° 1'50	14°54	21°42	24°43	18°11	12♓46	9°44	14° 2	8°28	24♊56	18°40	19° 2	2°16	3°41	T 2
F 3	2 50 58	11° 1'50	27°44	22°31	25°51	18°40	12°45	9°46	14° 5	8°29	24°55	18°41	18°59	2°23	3°45	F 3
S 4	2 54 55	12° 1'52	10♒13	23°27	26°59	19°10	12°44	9°48	14° 9	8°31	24°55	18°R41	18°56	2°29	3°50	S 4
S 5	2 58 51	13° 1'56	22°26	24°29	28° 7	19°39	12°43	9°50	14°12	8°32	24°54	18°41	18°52	2°36	3°55	S 5
M 6	3 2 48	14° 2'01	4♓28	25°37	29°15	20° 8	12°43	9°52	14°15	8°34	24°53	18°40	18°49	2°43	4° 0	M 6
T 7	3 6 45	15° 2'07	16°21	26°49	0♑23	20°36	12°D43	9°53	14°18	8°35	24°52	18°40	18°46	2°49	4° 4	T 7
W 8	3 10 41	16° 2'16	28°11	28° 6	1°30	21° 5	12°43	9°55	14°22	8°37	24°51	18°39	18°43	2°56	4° 9	W 8
T 9	3 14 38	17° 2'25	10♈ 2	29°26	2°37	21°33	12°43	9°56	14°25	8°38	24°50	18°39	18°40	3° 3	4°14	T 9
F 10	3 18 34	18° 2'37	21°57	0♏49	3°44	22° 1	12°43	9°57	14°29	8°40	24°50	18°39	18°37	3° 9	4°19	F 10
S 11	3 22 31	19° 2'50	3♉58	2°15	4°51	22°29	12°44	9°59	14°32	8°42	24°49	18°D39	18°33	3°16	4°24	S 11
S 12	3 26 27	20° 3'05	16° 7	3°42	5°58	22°56	12°45	10° 0	14°35	8°43	24°48	18°R39	18°30	3°23	4°29	S 12
M13	3 30 24	21° 3'21	28°27	5°12	7° 5	23°23	12°46	10° 1	14°39	8°45	24°47	18°39	18°27	3°29	4°35	M13
T 14	3 34 20	22° 3'39	10♊59	6°42	8°11	23°50	12°47	10° 1	14°42	8°47	24°46	18°39	18°24	3°36	4°40	T 14
W15	3 38 17	23° 4'00	23°43	8°14	9°17	24°17	12°49	10° 2	14°46	8°48	24°45	18°38	18°21	3°43	4°45	W15
T 16	3 42 14	24° 4'21	6♋39	9°47	10°23	24°44	12°50	10° 3	14°49	8°50	24°44	18°38	18°18	3°49	4°50	T 16
F 17	3 46 10	25° 4'45	19°50	11°20	11°29	25°10	12°52	10° 3	14°53	8°52	24°43	18°37	18°14	3°56	4°56	F 17
S 18	3 50 7	26° 5'11	3♌16	12°54	12°35	25°36	12°54	10° 4	14°56	8°53	24°42	18°36	18°11	4° 3	5° 1	S 18
S 19	3 54 3	27° 5'38	16°56	14°28	13°40	26° 1	12°57	10° 4	15° 0	8°55	24°41	18°36	18° 8	4° 9	5° 6	S 19
M20	3 58 0	28° 6'08	0♍50	16° 3	14°45	26°26	12°59	10° 4	15° 3	8°57	24°40	18°D36	18° 5	4°16	5°12	M20
T 21	4 1 56	29° 6'39	14°59	17°38	15°50	26°51	13° 2	10°R 4	15° 7	8°59	24°39	18°36	18° 2	4°23	5°17	T 21
W22	4 5 53	0♐ 7'12	29°20	19°13	16°55	27°16	13° 4	10° 4	15°10	9° 1	24°38	18°37	17°58	4°30	5°23	W22
T 23	4 9 49	1° 7'46	13♎51	20°48	17°59	27°41	13° 8	10° 4	15°14	9° 3	24°37	18°38	17°55	4°36	5°28	T 23
F 24	4 13 46	2° 8'23	28°27	22°23	19° 4	28° 5	13°11	10° 3	15°18	9° 5	24°36	18°39	17°52	4°43	5°34	F 24
S 25	4 17 43	3° 9'01	13♏ 3	23°58	20° 8	28°28	13°14	10° 3	15°21	9° 6	24°35	18°R39	17°49	4°50	5°40	S 25
S 26	4 21 39	4° 9'40	27°33	25°33	21°11	28°52	13°18	10° 2	15°25	9° 8	24°34	18°39	17°46	4°56	5°45	S 26
M27	4 25 36	5°10'21	11♐50	27° 8	22°15	29°15	13°22	10° 2	15°28	9°10	24°32	18°38	17°43	5° 3	5°51	M27
T 28	4 29 32	6°11'04	25°51	28°43	23°18	29°38	13°26	10° 1	15°32	9°12	24°31	18°36	17°39	5°10	5°57	T 28
W29	4 33 29	7°11'48	9♑30	0♐18	24°21	29°59	13°30	10° 0	15°36	9°14	24°30	18°34	17°36	5°16	6° 3	W29
T 30	4 37 25	8♐12'33	22♑47	1♐53	25♑23	0♍22	13♓34	9♌59	15♐39	9♑16	24♊29	18♉31	17♉33	5♈23	6♑ 9	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14s30	27s 1	3s37	6s25	1n56	25s55	2s39	17n 1	1n35	8s 3	1s24	18n10	0n22	22s28	0s 1	22s12	0n57	14n53	8s27	17n22	17n29	2s36	17s16	6n 6
T 2	14 49	26 58	4 24	6 34	2 2	26 0	2 41	16 54	1 36	8 3	1 23	18 9	0 22	22 29	0 1	22 12	0 57	14 53	8 27	17 22	17 28	2 33	17 16	6 6
F 3	15 8	25 26	4 56	6 48	2 6	26 5	2 43	16 46	1 37	8 3	1 23	18 9	0 22	22 29	0 1	22 12	0 57	14 53	8 27	17 22	17 27	2 29	17 17	6 6
S 4	15 26	22 42	5 14	7 6	2 9	26 8	2 45	16 38	1 39	8 3	1 23	18 8	0 22	22 30	0 1	22 12	0 57	14 53	8 27	17 22	17 26	2 26	17 17	6 5
S 5	15 44	19 0	5 17	7 27	2 11	26 11	2 47	16 30	1 40	8 3	1 23	18 8	0 23	22 30	0 1	22 12	0 57	14 53	8 27	17 22	17 25	2 23	17 17	6 5
M 6	16 2	14 36	5 5	7 51	2 12	26 14	2 49	16 22	1 41	8 3	1 23	18 8	0 23	22 30	0 1	22 12	0 57	14 53	8 27	17 22	17 24	2 20	17 17	6 5
T 7	16 20	9 42	4 41	8 17	2 12	26 15	2 50	16 14	1 43	8 3	1 22	18 7	0 23	22 31	0 1	22 12	0 57	14 53	8 27	17 22	17 24	2 17	17 17	6 4
W 8	16 38	4 28	4 5	8 45	2 11	26 16	2 52	16 6	1 44	8 3	1 22	18 7	0 23	22 31	0 1	22 12	0 57	14 52	8 27	17 22	17 23	2 13	17 18	6 4
T 9	16 55	0n56	3 18	9 15	2 9	26 17	2 53	15 59	1 46	8 3	1 22	18 7	0 23	22 32	0 1	22 12	0 57	14 52	8 27	17 22	17 22	2 10	17 18	6 4
F 10	17 12	6 20	2 23	9 47	2 6	26 16	2 54	15 51	1 47	8 2	1 22	18 7	0 23	22 32	0 1	22 12	0 57	14 52	8 27	17 22	17 21	2 7	17 18	6 3
S 11	17 28	11 34	1 21	10 19	2 3	26 15	2 56	15 43	1 48	8 2	1 21	18 7	0 23	22 32	0 1	22 12	0 57	14 52	8 27	17 22	17 20	2 4	17 18	6 3
S 12	17 44	16 26	0 14	10 53	1 59	26 14	2 57	15 35	1 50	8 1	1 21	18 6	0 24	22 33	0 1	22 11	0 57	14 52	8 27	17 22	17 19	2 1	17 18	6 3
M13	18 0	20 41	0n54	11 27	1 55	26 11	2 57	15 28	1 51	8 1	1 21	18 6	0 24	22 33	0 1	22 11	0 57	14 52	8 28	17 22	17 18	1 57	17 18	6 2
T 14	18 16	24 4	2 1	12 1	1 50	26 8	2 58	15 20	1 53	8 0	1 21	18 6	0 24	22 34	0 1	22 11	0 57	14 52	8 28	17 22	17 17	1 54	17 18	6 2
W15	18 32	26 19	3 3	12 35	1 44	26 4	2 59	15 13	1 54	7 59	1 21	18 6	0 24	22 34	0 1	22 11	0 57	14 52	8 28	17 21	17 17	1 51	17 18	6 2
T 16	18 47	27 11	3 56	13 10	1 39	26 0	3 0	15 5	1 56	7 58	1 20	18 6	0 24	22 34	0 1	22 11	0 57	14 52	8 28	17 21	17 16	1 48	17 18	6 2
F 17	19 1	26 32	4 38	13 45	1 33	25 55	3 0	14 58	1 57	7 57	1 20	18 6	0 24	22 35	0 1	22 11	0 57	14 52	8 28	17 21	17 15	1 44	17 19	6 1
S 18	19 16	24 22	5 6	14 19	1 27	25 49	3 0	14 50	1 59	7 56	1 20	18 6	0 24	22 35	0 1	22 11	0 57	14 51	8 28	17 21	17 14	1 41	17 19	6 1
S 19	19 30	20 47	5 17	14 53	1 21	25 43	3 1	14 43	2 0	7 55	1 20	18 6	0 25	22 36	0 1	22 11	0 56	14 51	8 28	17 21	17 13	1 38	17 19	6 1
M20	19 43	15 59	5 10	15 27	1 14	25 36	3 1	14 36	2 2	7 54	1 19	18 6	0 25	22 36	0 1	22 11	0 56	14 51	8 28	17 21	17 12	1 35	17 19	6 1
T 21	19 57	10 17	4 44	16 0	1 7	25 28	3 0	14 29	2 3	7 53	1 19	18 6	0 25	22 36	0 1	22 11	0 56	14 51	8 28	17 21	17 11	1 32	17 19	6 1
W22	20 10	3 56	4 0	16 32	1 1	25 20	3 0	14 22	2 5	7 52	1 19	18 7	0 25	22 37	0 1	22 11	0 56	14 51	8 28	17 21	17 10	1 28	17 19	6 0
T 23	20 22	2s41	3 1	17 4	0 54	25 11	3 0	14 15	2 6	7 50	1 19	18 7	0 25	22 37	0 1	22 11	0 56	14 51	8 28	17 21	17 10	1 25	17 19	6 0
F 24	20 34	9 12	1 50	17 36	0 47	25 2	2 59	14 8	2 8	7 49	1 19	18 7	0 25	22 38	0 1	22 10	0 56	14 51	8 28	17 22	17 9	1 22	17 19	6 0
S 25	20 46	15 15	0 31	18 6	0 40	24 51	2 59	14 1	2 10	7 47	1 18	18 7	0 25	22 38	0 1	22 10	0 56	14 51	8 28	17 22	17 8	1 19	17 19	6 0
S 26	20 58	20 23	0s49	18 36	0 33	24 41	2 58	13 55	2 11	7 46	1 18	18 8	0 26	22 38	0 1	22 10	0 56	14 51	8 28	17 22	17 7	1 15	17 19	5 59
M27	21 9	24 15	2 5	19 5	0 26	24 30	2 57	13 48	2 13	7 44	1 18	18 8	0 26	22 39	0 1	22 10	0 56	14 51	8 28	17 21	17 6	1 12	17 19	5 59
T 28	21 19	26 33	3 11	19 33	0 19	24 18	2 56	13 42	2 15	7 42	1 18	18 8	0 26	22 39	0 1	22 10	0 56	14 51	8 28	17 21	17 5	1 9	17 18	5 59
W29	21 30	27 9	4 5	20 0	0 12	24 6	2 54	13 35	2 16	7 40	1 17	18 9	0 26	22 40	0 1	22 10	0 56	14 51	8 28	17 20	17 4	1 6	17 18	5 59
T 30	21s40	26s10	4s44	20s26	0n 5	23s53	2s53	13n29	2n18	7s39	1s17	18n 9	0n26	22s40	0s 1	22s10	0n56	14n51	8s28	17n19	17n 3	1s 2	17s18	5n59

Julian Day Number = 2507366.5, Delta T = 123.63 sec
Ecliptic obliquity = 23°25'16, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°52'33, Lahiri = 25°59'34

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2152
geocentric

DECEMBER 2152 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 41 22	9♐13'19	5♒41	3♐27	26♑25	0♍43	13♓39	9°R58	15♐43	9♑18	24°R28	18°R28	17♉30	5♈30	6♑14	F 1
S 2	4 45 19	10°14'06	18°15	5° 2	27°27	1° 5	13°44	9♌57	15°47	9°20	24♊27	18♉26	17°27	5°36	6°20	S 2
S 3	4 49 15	11°14'53	0♓30	6°36	28°28	1°25	13°49	9°56	15°50	9°22	24°26	18°24	17°24	5°43	6°26	S 3
M 4	4 53 12	12°15'42	12°33	8°11	29°29	1°46	13°54	9°54	15°54	9°24	24°25	18°D23	17°20	5°50	6°32	M 4
T 5	4 57 8	13°16'32	24°26	9°45	0♒30	2° 6	13°59	9°53	15°58	9°27	24°24	18°24	17°17	5°56	6°38	T 5
W 6	5 1 5	14°17'22	6♈16	11°19	1°30	2°26	14° 5	9°51	16° 1	9°29	24°22	18°25	17°14	6° 3	6°44	W 6
T 7	5 5 1	15°18'13	18° 7	12°54	2°30	2°45	14°10	9°49	16° 5	9°31	24°21	18°27	17°11	6°10	6°50	T 7
F 8	5 8 58	16°19'05	0♉ 4	14°28	3°30	3° 4	14°16	9°47	16° 9	9°33	24°20	18°29	17° 8	6°16	6°56	F 8
S 9	5 12 54	17°19'58	12°11	16° 2	4°29	3°22	14°22	9°45	16°12	9°35	24°19	18°30	17° 4	6°23	7° 2	S 9
S 10	5 16 51	18°20'52	24°30	17°36	5°27	3°40	14°28	9°43	16°16	9°37	24°18	18°R30	17° 1	6°30	7° 8	S 10
M11	5 20 48	19°21'47	7♊ 5	19°10	6°25	3°57	14°35	9°41	16°20	9°39	24°17	18°29	16°58	6°36	7°15	M11
T 12	5 24 44	20°22'43	19°55	20°45	7°22	4°14	14°41	9°39	16°23	9°41	24°15	18°26	16°55	6°43	7°21	T 12
W13	5 28 41	21°23'40	3♋ 3	22°19	8°19	4°31	14°48	9°37	16°27	9°44	24°14	18°21	16°52	6°50	7°27	W13
T 14	5 32 37	22°24'37	16°25	23°53	9°16	4°47	14°55	9°34	16°31	9°46	24°13	18°15	16°49	6°56	7°33	T 14
F 15	5 36 34	23°25'36	0♌ 1	25°28	10°12	5° 2	15° 2	9°32	16°34	9°48	24°12	18°10	16°45	7° 3	7°39	F 15
S 16	5 40 30	24°26'35	13°47	27° 2	11° 7	5°18	15° 9	9°29	16°38	9°50	24°11	18° 4	16°42	7°10	7°45	S 16
S 17	5 44 27	25°27'36	27°42	28°37	12° 1	5°32	15°17	9°26	16°42	9°52	24°10	18° 0	16°39	7°17	7°52	S 17
M18	5 48 23	26°28'37	11♍44	0♑12	12°55	5°46	15°24	9°23	16°45	9°55	24° 8	17°57	16°36	7°23	7°58	M18
T 19	5 52 20	27°29'39	25°49	1°47	13°49	6° 0	15°32	9°20	16°49	9°57	24° 7	17°D56	16°33	7°30	8° 4	T 19
W20	5 56 17	28°30'43	9♎58	3°22	14°41	6°12	15°40	9°17	16°53	9°59	24° 6	17°56	16°30	7°37	8°10	W20
T 21	6 0 13	29°31'47	24° 7	4°57	15°33	6°25	15°47	9°14	16°56	10° 1	24° 5	17°58	16°26	7°43	8°17	T 21
F 22	6 4 10	0♑32'52	8♏17	6°32	16°24	6°37	15°56	9°11	17° 0	10° 4	24° 4	17°59	16°23	7°50	8°23	F 22
S 23	6 8 6	1°33'58	22°24	8° 8	17°15	6°48	16° 4	9° 8	17° 4	10° 6	24° 3	17°R59	16°20	7°57	8°29	S 23
S 24	6 12 3	2°35'05	6♐26	9°43	18° 5	6°58	16°12	9° 4	17° 7	10° 8	24° 1	17°57	16°17	8° 3	8°35	S 24
M25	6 15 59	3°36'12	20°19	11°19	18°53	7° 8	16°21	9° 1	17°11	10°10	24° 0	17°54	16°14	8°10	8°42	M25
T 26	6 19 56	4°37'21	4♑ 1	12°55	19°41	7°18	16°30	8°57	17°14	10°13	23°59	17°48	16°10	8°17	8°48	T 26
W27	6 23 52	5°38'29	17°28	14°31	20°28	7°26	16°38	8°54	17°18	10°15	23°58	17°40	16° 7	8°23	8°54	W27
T 28	6 27 49	6°39'38	0♒38	16° 7	21°14	7°34	16°47	8°50	17°21	10°17	23°57	17°30	16° 4	8°30	9° 1	T 28
F 29	6 31 46	7°40'46	13°29	17°43	22° 0	7°42	16°57	8°46	17°25	10°19	23°56	17°21	16° 1	8°37	9° 7	F 29
S 30	6 35 42	8°41'55	26° 1	19°20	22°44	7°49	17° 6	8°42	17°28	10°22	23°55	17°13	15°58	8°43	9°13	S 30
S 31	6 39 39	9♑43'04	8♓18	20♑56	23♒27	7♍55	17♓15	8♌38	17♐32	10♑24	23♊53	17♉ 6	15♉55	8♈50	9♑19	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21s49	23s48	5s 7	20s51	0s 2	23s39	2s51	13n23	2n20	7s37	1s17	18n 9	0n26	22s40	0s 1	22s10	0n56	14n51	8s28	17n19	17n 2	0s59	17s18	5n59
S 2	21 58	20 20	5 15	21 15	0 8	23 25	2 49	13 17	2 21	7 35	1 17	18 10	0 26	22 41	0 1	22 10	0 56	14 51	8 28	17 18	17 2	0 56	17 18	5 58
S 3	22 7	16 5	5 8	21 39	0 15	23 11	2 47	13 11	2 23	7 32	1 17	18 10	0 27	22 41	0 1	22 9	0 56	14 51	8 28	17 17	17 1	0 53	17 18	5 58
M 4	22 15	11 16	4 48	22 1	0 22	22 56	2 45	13 5	2 25	7 30	1 16	18 11	0 27	22 42	0 1	22 9	0 56	14 50	8 28	17 17	17 0	0 49	17 18	5 58
T 5	22 23	6 6	4 15	22 22	0 28	22 41	2 43	13 0	2 27	7 28	1 16	18 11	0 27	22 42	0 1	22 9	0 56	14 50	8 28	17 18	16 59	0 46	17 18	5 58
W 6	22 30	0 45	3 32	22 42	0 35	22 25	2 40	12 55	2 28	7 26	1 16	18 12	0 27	22 42	0 1	22 9	0 56	14 50	8 28	17 18	16 58	0 43	17 17	5 58
T 7	22 37	4n39	2 39	23 0	0 41	22 9	2 38	12 49	2 30	7 23	1 16	18 13	0 27	22 43	0 1	22 9	0 56	14 50	8 28	17 18	16 57	0 40	17 17	5 58
F 8	22 43	9 56	1 40	23 18	0 47	21 52	2 35	12 44	2 32	7 21	1 16	18 13	0 27	22 43	0 1	22 9	0 56	14 50	8 28	17 19	16 56	0 36	17 17	5 58
S 9	22 49	14 56	0 35	23 34	0 53	21 35	2 32	12 39	2 34	7 18	1 15	18 14	0 27	22 44	0 1	22 9	0 56	14 50	8 28	17 19	16 55	0 33	17 17	5 58
S 10	22 55	19 25	0n33	23 50	0 59	21 17	2 28	12 34	2 36	7 16	1 15	18 15	0 28	22 44	0 1	22 9	0 56	14 50	8 28	17 19	16 54	0 30	17 17	5 58
M11	23 0	23 7	1 40	24 4	1 5	21 0	2 25	12 30	2 37	7 13	1 15	18 15	0 28	22 44	0 1	22 8	0 56	14 50	8 28	17 19	16 53	0 27	17 16	5 57
T 12	23 4	25 45	2 43	24 16	1 11	20 41	2 21	12 25	2 39	7 10	1 15	18 16	0 28	22 45	0 1	22 8	0 56	14 50	8 28	17 18	16 53	0 23	17 16	5 57
W13	23 9	27 2	3 39	24 28	1 16	20 23	2 17	12 21	2 41	7 8	1 15	18 17	0 28	22 45	0 1	22 8	0 56	14 50	8 28	17 17	16 52	0 20	17 16	5 57
T 14	23 12	26 47	4 24	24 38	1 21	20 4	2 13	12 17	2 43	7 5	1 14	18 18	0 28	22 45	0 1	22 8	0 56	14 50	8 28	17 15	16 51	0 17	17 16	5 57
F 15	23 15	24 56	4 55	24 47	1 26	19 45	2 9	12 13	2 45	7 2	1 14	18 18	0 28	22 46	0 1	22 8	0 56	14 50	8 28	17 13	16 50	0 14	17 15	5 57
S 16	23 18	21 37	5 10	24 55	1 31	19 25	2 4	12 9	2 47	6 59	1 14	18 19	0 28	22 46	0 1	22 8	0 56	14 50	8 28	17 12	16 49	0 10	17 15	5 57
S 17	23 21	17 3	5 6	25 1	1 36	19 5	2 0	12 6	2 49	6 56	1 14	18 20	0 29	22 47	0 1	22 8	0 56	14 50	8 28	17 11	16 48	0 7	17 15	5 57
M18	23 22	11 32	4 45	25 6	1 40	18 45	1 55	12 2	2 51	6 53	1 14	18 21	0 29	22 47	0 1	22 7	0 56	14 50	8 28	17 10	16 47	0 4	17 14	5 57
T 19	23 24	5 25	4 6	25 9	1 45	18 25	1 49	11 59	2 53	6 50	1 13	18 22	0 29	22 47	0 1	22 7	0 56	14 50	8 28	17 10	16 46	0 1	17 14	5 57
W20	23 25	1s 0	3 12	25 11	1 48	18 4	1 44	11 56	2 55	6 46	1 13	18 23	0 29	22 48	0 1	22 7	0 56	14 50	8 28	17 10	16 45	0n 3	17 14	5 57
T 21	23 25	7 24	2 6	25 12	1 52	17 44	1 38	11 53	2 57	6 43	1 13	18 24	0 29	22 48	0 1	22 7	0 56	14 50	8 28	17 10	16 44	0 6	17 13	5 57
F 22	23 25	13 26	0 52	25 11	1 55	17 23	1 32	11 51	2 59	6 40	1 13	18 25	0 29	22 48	0 1	22 7	0 56	14 50	8 27	17 11	16 44	0 9	17 13	5 57
S 23	23 25	18 44	0s24	25 9	1 59	17 1	1 26	11 49	3 1	6 36	1 13	18 26	0 29	22 49	0 1	22 7	0 56	14 50	8 27	17 11	16 43	0 12	17 13	5 57
S 24	23 24	22 59	1 38	25 5	2 1	16 40	1 20	11 47	3 3	6 33	1 12	18 27	0 30	22 49	0 1	22 6	0 56	14 50	8 27	17 10	16 42	0 16	17 12	5 57
M25	23 22	25 49	2 46	25 0	2 4	16 19	1 13	11 45	3 5	6 30	1 12	18 28	0 30	22 49	0 1	22 6	0 56	14 50	8 27	17 9	16 41	0 19	17 12	5 57
T 26	23 20	27 4	3 42	24 53	2 6	15 57	1 6	11 43	3 7	6 26	1 12	18 29	0 30	22 50	0 1	22 6	0 56	14 50	8 27	17 7	16 40	0 22	17 11	5 57
W27	23 18	26 40	4 26	24 45	2 8	15 35	0 59	11 42	3 9	6 22	1 12	18 30	0 30	22 50	0 1	22 6	0 56	14 50	8 27	17 5	16 39	0 25	17 11	5 57
T 28	23 15	24 46	4 54	24 35	2 9	15 14	0 52	11 41	3 12	6 19	1 12	18 31	0 30	22 51	0 1	22 6	0 56	14 50	8 27	17 3	16 38	0 29	17 10	5 57
F 29	23 12	21 39	5 6	24 24	2 10	14 52	0 44	11 40	3 14	6 15	1 12	18 32	0 30	22 51	0 1	22 6	0 56	14 50	8 27	17 0	16 37	0 32	17 10	5 57
S 30	23 8	17 35	5 3	24 11	2 11	14 30	0 36	11 40	3 16	6 11	1 11	18 34	0 30	22 51	0 1	22 6	0 56	14 51	8 27	16 58	16 36	0 35	17 10	5 57
S 31	23s 4	12s52	4s46	23s57	2s11	14s 8	0s28	11n39	3n18	6s 7	1s11	18n35	0n30	22s52	0s 1	22s 5	0n56	14n51	8s27	16n56	16n35	0n39	17s 9	5n57

Julian Day Number = 2507396.5, Delta T = 123.68 sec
Ecliptic obliquity = 23°25'16, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°52'37, Lahiri = 25°59'38

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2153
geocentric

JANUARY 2153 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 43 35	10♑44'13	20♓20	22♑32	24♒ 8	8♍ 0	17♓25	8°R34	17♐35	10♑26	23°R52	17°R 1	15♉51	8♈57	9♑26	M 1
T 2	6 47 32	11°45'22	2♈14	24° 8	24°49	8° 5	17°34	8♎30	17°39	10°28	23♊51	16♉59	15°48	9° 3	9°32	T 2
W 3	6 51 28	12°46'31	14° 3	25°44	25°29	8° 9	17°44	8°26	17°42	10°31	23°50	16°D58	15°45	9°10	9°38	W 3
T 4	6 55 25	13°47'39	25°53	27°20	26° 7	8°12	17°54	8°22	17°46	10°33	23°49	16°59	15°42	9°17	9°45	T 4
F 5	6 59 21	14°48'48	7♉50	28°55	26°44	8°15	18° 4	8°18	17°49	10°35	23°48	17° 0	15°39	9°23	9°51	F 5
S 6	7 3 18	15°49'56	19°58	0♒29	27°19	8°16	18°14	8°13	17°52	10°38	23°47	17°R 0	15°36	9°30	9°57	S 6
S 7	7 7 15	16°51'04	2♊22	2° 3	27°54	8°17	18°24	8° 9	17°56	10°40	23°46	16°59	15°32	9°37	10° 3	S 7
M 8	7 11 11	17°52'12	15° 6	3°36	28°26	8°R18	18°35	8° 4	17°59	10°42	23°45	16°55	15°29	9°43	10°10	M 8
T 9	7 15 8	18°53'19	28°12	5° 8	28°57	8°17	18°45	8° 0	18° 2	10°44	23°44	16°49	15°26	9°50	10°16	T 9
W10	7 19 4	19°54'27	11♋40	6°38	29°27	8°16	18°56	7°55	18° 6	10°47	23°43	16°40	15°23	9°57	10°22	W10
T 11	7 23 1	20°55'34	25°28	8° 6	29°55	8°14	19° 7	7°51	18° 9	10°49	23°42	16°30	15°20	10° 3	10°28	T 11
F 12	7 26 57	21°56'41	9♌32	9°33	0♓21	8°11	19°18	7°46	18°12	10°51	23°41	16°18	15°16	10°10	10°34	F 12
S 13	7 30 54	22°57'47	23°48	10°56	0°45	8° 8	19°28	7°42	18°15	10°53	23°40	16° 8	15°13	10°17	10°41	S 13
S 14	7 34 51	23°58'54	8♍ 9	12°17	1° 7	8° 3	19°40	7°37	18°18	10°56	23°39	15°59	15°10	10°23	10°47	S 14
M15	7 38 47	25° 0'00	22°30	13°33	1°28	7°58	19°51	7°32	18°22	10°58	23°38	15°52	15° 7	10°30	10°53	M15
T 16	7 42 44	26° 1'07	6♎48	14°46	1°46	7°52	20° 2	7°27	18°25	11° 0	23°37	15°48	15° 4	10°37	10°59	T 16
W17	7 46 40	27° 2'13	20°58	15°53	2° 3	7°46	20°13	7°23	18°28	11° 2	23°36	15°47	15° 1	10°43	11° 5	W17
T 18	7 50 37	28° 3'19	5♏ 0	16°54	2°17	7°38	20°25	7°18	18°31	11° 4	23°35	15°D47	14°57	10°50	11°11	T 18
F 19	7 54 33	29° 4'25	18°54	17°49	2°29	7°30	20°36	7°13	18°34	11° 7	23°34	15°R47	14°54	10°57	11°17	F 19
S 20	7 58 30	0♒ 5'31	2♐38	18°36	2°39	7°20	20°48	7° 8	18°37	11° 9	23°33	15°46	14°51	11° 3	11°23	S 20
S 21	8 2 26	1° 6'37	16°15	19°15	2°47	7°10	21° 0	7° 3	18°40	11°11	23°32	15°43	14°48	11°10	11°29	S 21
M22	8 6 23	2° 7'42	29°42	19°45	2°53	6°59	21°12	6°58	18°43	11°13	23°31	15°36	14°45	11°17	11°35	M22
T 23	8 10 20	3° 8'47	12♑59	20° 4	2°56	6°48	21°23	6°53	18°46	11°15	23°30	15°27	14°42	11°23	11°41	T 23
W24	8 14 16	4° 9'52	26° 4	20°R13	2°R56	6°35	21°35	6°48	18°48	11°17	23°29	15°15	14°38	11°30	11°47	W24
T 25	8 18 13	5°10'55	8♒57	20°11	2°54	6°22	21°48	6°43	18°51	11°20	23°29	15° 1	14°35	11°37	11°53	T 25
F 26	8 22 9	6°11'58	21°36	19°57	2°50	6° 8	22° 0	6°39	18°54	11°22	23°28	14°47	14°32	11°43	11°59	F 26
S 27	8 26 6	7°13'00	4♓ 1	19°31	2°43	5°53	22°12	6°34	18°57	11°24	23°27	14°34	14°29	11°50	12° 5	S 27
S 28	8 30 2	8°14'01	16°13	18°55	2°34	5°38	22°24	6°29	19° 0	11°26	23°26	14°23	14°26	11°57	12°11	S 28
M29	8 33 59	9°15'01	28°13	18° 8	2°22	5°22	22°37	6°24	19° 2	11°28	23°25	14°14	14°22	12° 3	12°17	M29
T 30	8 37 55	10°16'00	10♈ 5	17°11	2° 7	5° 5	22°49	6°19	19° 5	11°30	23°25	14° 8	14°19	12°10	12°22	T 30
W31	8 41 52	11♒16'58	21♈53	16♒ 8	1♓51	4♍47	23♓ 2	6♎14	19♐ 8	11♑32	23♊24	14♉ 5	14♉16	12♈17	12♑28	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22s59	7s45	4s17	23s41	2s10	13s46	0s20	11n39	3n20	6s 4	1s11	18n36	0n31	22s52	0s 1	22s 5	0n56	14n51	8s27	16n54	16n34	0n42	17s 9	5n57
T 2	22 54	2 25	3 37	23 24	2 10	13 25	0 11	11 40	3 22	6 0	1 11	18 37	0 31	22 52	0 1	22 5	0 56	14 51	8 27	16 54	16 33	0 45	17 8	5 58
W 3	22 48	2n58	2 47	23 5	2 8	13 3	0 2	11 40	3 24	5 56	1 11	18 38	0 31	22 53	0 1	22 5	0 56	14 51	8 26	16 53	16 33	0 48	17 8	5 58
T 4	22 42	8 16	1 51	22 45	2 6	12 41	0n 7	11 41	3 27	5 52	1 10	18 40	0 31	22 53	0 1	22 5	0 56	14 51	8 26	16 54	16 32	0 52	17 7	5 58
F 5	22 36	13 20	0 49	22 23	2 4	12 20	0 17	11 42	3 29	5 48	1 10	18 41	0 31	22 53	0 1	22 5	0 56	14 51	8 26	16 54	16 31	0 55	17 6	5 58
S 6	22 29	17 58	0n16	22 0	2 1	11 58	0 27	11 43	3 31	5 43	1 10	18 42	0 31	22 53	0 1	22 4	0 56	14 51	8 26	16 54	16 30	0 58	17 6	5 58
S 7	22 22	21 57	1 21	21 35	1 57	11 37	0 37	11 45	3 33	5 39	1 10	18 43	0 31	22 54	0 1	22 4	0 56	14 51	8 26	16 54	16 29	1 1	17 5	5 58
M 8	22 14	24 59	2 24	21 9	1 53	11 16	0 48	11 47	3 35	5 35	1 10	18 45	0 32	22 54	0 1	22 4	0 56	14 51	8 26	16 53	16 28	1 5	17 5	5 58
T 9	22 5	26 46	3 21	20 42	1 47	10 55	0 58	11 49	3 38	5 31	1 10	18 46	0 32	22 54	0 1	22 4	0 56	14 51	8 26	16 51	16 27	1 8	17 4	5 58
W10	21 57	27 2	4 9	20 14	1 41	10 34	1 9	11 51	3 40	5 27	1 10	18 47	0 32	22 55	0 1	22 4	0 56	14 51	8 26	16 48	16 26	1 11	17 4	5 59
T 11	21 48	25 40	4 43	19 45	1 35	10 14	1 21	11 54	3 42	5 22	1 9	18 48	0 32	22 55	0 1	22 3	0 56	14 51	8 25	16 45	16 25	1 14	17 3	5 59
F 12	21 38	22 40	5 0	19 15	1 27	9 54	1 32	11 57	3 44	5 18	1 9	18 50	0 32	22 55	0 1	22 3	0 56	14 51	8 25	16 42	16 24	1 18	17 2	5 59
S 13	21 28	18 17	5 0	18 44	1 19	9 35	1 44	12 1	3 46	5 13	1 9	18 51	0 32	22 56	0 1	22 3	0 56	14 51	8 25	16 39	16 23	1 21	17 2	5 59
S 14	21 18	12 50	4 40	18 13	1 9	9 15	1 56	12 4	3 48	5 9	1 9	18 52	0 32	22 56	0 1	22 3	0 56	14 52	8 25	16 36	16 22	1 24	17 1	5 59
M15	21 7	6 42	4 3	17 41	0 59	8 56	2 9	12 8	3 51	5 4	1 9	18 54	0 32	22 56	0 1	22 3	0 56	14 52	8 25	16 35	16 21	1 28	17 0	5 59
T 16	20 56	0 14	3 11	17 9	0 48	8 38	2 21	12 12	3 53	5 0	1 9	18 55	0 33	22 56	0 1	22 3	0 56	14 52	8 25	16 34	16 21	1 31	17 0	6 0
W17	20 44	6s12	2 8	16 38	0 36	8 20	2 34	12 17	3 55	4 55	1 9	18 56	0 33	22 57	0 1	22 2	0 56	14 52	8 25	16 33	16 20	1 34	16 59	6 0
T 18	20 32	12 17	0 57	16 7	0 22	8 3	2 48	12 22	3 57	4 51	1 8	18 58	0 33	22 57	0 1	22 2	0 56	14 52	8 24	16 33	16 19	1 37	16 58	6 0
F 19	20 20	17 42	0s16	15 37	0 8	7 46	3 1	12 27	3 59	4 46	1 8	18 59	0 33	22 57	0 2	22 2	0 56	14 52	8 24	16 33	16 18	1 41	16 58	6 0
S 20	20 7	22 7	1 28	15 8	0n 7	7 29	3 15	12 32	4 1	4 41	1 8	19 0	0 33	22 58	0 2	22 2	0 56	14 52	8 24	16 33	16 17	1 44	16 57	6 0
S 21	19 54	25 16	2 34	14 40	0 23	7 14	3 29	12 37	4 3	4 37	1 8	19 2	0 33	22 58	0 2	22 2	0 56	14 52	8 24	16 32	16 16	1 47	16 56	6 1
M22	19 40	26 55	3 30	14 15	0 40	6 59	3 43	12 43	4 5	4 32	1 8	19 3	0 33	22 58	0 2	22 1	0 56	14 52	8 24	16 30	16 15	1 51	16 55	6 1
T 23	19 26	27 0	4 14	13 53	0 57	6 44	3 57	12 49	4 7	4 27	1 8	19 4	0 33	22 58	0 2	22 1	0 56	14 53	8 24	16 27	16 14	1 54	16 55	6 1
W24	19 12	25 34	4 44	13 33	1 15	6 31	4 11	12 56	4 8	4 22	1 8	19 6	0 33	22 59	0 2	22 1	0 56	14 53	8 24	16 24	16 13	1 57	16 54	6 1
T 25	18 57	22 48	4 58	13 17	1 33	6 18	4 26	13 2	4 10	4 17	1 8	19 7	0 34	22 59	0 2	22 1	0 56	14 53	8 23	16 20	16 12	2 0	16 53	6 2
F 26	18 43	18 59	4 58	13 4	1 51	6 6	4 40	13 9	4 12	4 12	1 7	19 8	0 34	22 59	0 2	22 1	0 56	14 53	8 23	16 16	16 11	2 4	16 52	6 2
S 27	18 27	14 25	4 43	12 55	2 9	5 55	4 55	13 16	4 14	4 7	1 7	19 10	0 34	22 59	0 2	22 1	0 56	14 53	8 23	16 12	16 10	2 7	16 52	6 2
S 28	18 12	9 21	4 16	12 50	2 26	5 44	5 9	13 24	4 15	4 2	1 7	19 11	0 34	23 0	0 2	22 0	0 56	14 53	8 23	16 8	16 9	2 10	16 51	6 2
M29	17 56	4 2	3 37	12 49	2 42	5 35	5 23	13 31	4 17	3 57	1 7	19 13	0 34	23 0	0 2	22 0	0 56	14 53	8 23	16 6	16 8	2 13	16 50	6 3
T 30	17 39	1n24	2 49	12 52	2 56	5 27	5 38	13 39	4 18	3 52	1 7	19 14	0 34	23 0	0 2	22 0	0 56	14 54	8 22	16 4	16 7	2 17	16 49	6 3
W31	17s23	6n45	1s55	12s59	3n 9	5s19	5n52	13n46	4n20	3s47	1s 7	19n15	0n34	23s 0	0s 2	22s 0	0n56	14n54	8s22	16n 3	16n 7	2n20	16s48	6n 3

Julian Day Number = 2507427.5, Delta T = 123.74 sec
Ecliptic obliquity = 23°25'16, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°52'42, Lahiri = 25°59'42

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2153
geocentric

FEBRUARY 2153 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 45 49	12♒17'55	3♉42	14°R58	1°R31	4°R29	23♓15	6°R 9	19♐10	11♑34	23°R23	14°R 4	14♉13	12♈23	12♑34	T 1
F 2	8 49 45	13°18'51	15°36	13♒45	1♓10	4♍10	23°27	6♌ 4	19°13	11°36	23♊22	14♉ 4	14°10	12°30	12°39	F 2
S 3	8 53 42	14°19'45	27°42	12°31	0°46	3°51	23°40	5°59	19°15	11°38	23°22	14° 3	14° 7	12°37	12°45	S 3
S 4	8 57 38	15°20'38	10♊ 5	11°17	0°20	3°31	23°53	5°54	19°18	11°40	23°21	14° 2	14° 3	12°43	12°51	S 4
M 5	9 1 35	16°21'30	22°50	10° 6	29♒51	3°10	24° 6	5°50	19°20	11°42	23°20	13°58	14° 0	12°50	12°56	M 5
T 6	9 5 31	17°22'21	6♋ 1	8°59	29°21	2°49	24°19	5°45	19°22	11°44	23°20	13°51	13°57	12°57	13° 2	T 6
W 7	9 9 28	18°23'10	19°39	7°58	28°50	2°28	24°32	5°40	19°25	11°46	23°19	13°42	13°54	13° 3	13° 7	W 7
T 8	9 13 24	19°23'58	3♌42	7° 4	28°16	2° 6	24°45	5°35	19°27	11°48	23°18	13°31	13°51	13°10	13°13	T 8
F 9	9 17 21	20°24'44	18° 8	6°18	27°42	1°44	24°59	5°31	19°29	11°50	23°18	13°18	13°48	13°17	13°18	F 9
S 10	9 21 18	21°25'30	2♍50	5°39	27° 6	1°21	25°12	5°26	19°31	11°51	23°17	13° 6	13°44	13°23	13°23	S 10
S 11	9 25 14	22°26'14	17°39	5°10	26°30	0°58	25°25	5°21	19°34	11°53	23°17	12°56	13°41	13°30	13°29	S 11
M12	9 29 11	23°26'57	2♎27	4°48	25°53	0°35	25°39	5°17	19°36	11°55	23°16	12°49	13°38	13°37	13°34	M12
T 13	9 33 7	24°27'39	17° 7	4°34	25°16	0°12	25°52	5°12	19°38	11°57	23°16	12°44	13°35	13°43	13°39	T 13
W14	9 37 4	25°28'20	1♏33	4°D28	24°38	29♌48	26° 5	5° 8	19°40	11°59	23°15	12°42	13°32	13°50	13°44	W14
T 15	9 41 0	26°28'59	15°43	4°30	24° 1	29°24	26°19	5° 3	19°42	12° 0	23°15	12°D42	13°28	13°57	13°49	T 15
F 16	9 44 57	27°29'38	29°36	4°38	23°24	29° 0	26°33	4°59	19°44	12° 2	23°14	12°R42	13°25	14° 3	13°54	F 16
S 17	9 48 53	28°30'16	13♐12	4°53	22°48	28°36	26°46	4°55	19°46	12° 4	23°14	12°41	13°22	14°10	13°59	S 17
S 18	9 52 50	29°30'53	26°33	5°14	22°13	28°12	27° 0	4°50	19°47	12° 6	23°14	12°38	13°19	14°17	14° 4	S 18
M19	9 56 47	0♓31'28	9♑41	5°41	21°39	27°48	27°14	4°46	19°49	12° 7	23°13	12°33	13°16	14°23	14° 9	M19
T 20	10 0 43	1°32'02	22°37	6°12	21° 7	27°24	27°28	4°42	19°51	12° 9	23°13	12°24	13°13	14°30	14°14	T 20
W21	10 4 40	2°32'35	5♒21	6°48	20°36	27° 1	27°41	4°38	19°53	12°11	23°13	12°13	13° 9	14°37	14°19	W21
T 22	10 8 36	3°33'06	17°55	7°29	20° 7	26°37	27°55	4°34	19°54	12°12	23°12	12° 1	13° 6	14°43	14°23	T 22
F 23	10 12 33	4°33'36	0♓18	8°14	19°39	26°14	28° 9	4°30	19°56	12°14	23°12	11°48	13° 3	14°50	14°28	F 23
S 24	10 16 29	5°34'05	12°30	9° 2	19°14	25°51	28°23	4°26	19°57	12°15	23°12	11°35	13° 0	14°57	14°33	S 24
S 25	10 20 26	6°34'31	24°34	9°54	18°51	25°28	28°37	4°22	19°59	12°17	23°11	11°25	12°57	15° 3	14°37	S 25
M26	10 24 22	7°34'56	6♈29	10°49	18°30	25° 6	28°51	4°19	20° 0	12°18	23°11	11°17	12°54	15°10	14°42	M26
T 27	10 28 19	8°35'19	18°18	11°47	18°12	24°44	29° 5	4°15	20° 2	12°20	23°11	11°11	12°50	15°17	14°46	T 27
W28	10 32 16	9♓35'40	0♉ 5	12♒48	17♒56	24♌22	29♓19	4♌11	20♐ 3	12♑21	23♊11	11♉ 8	12♉47	15♈23	14♑50	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	17s 6	11n53	0s55	13s 9	3n20	5s13	6n 6	13n54	4n21	3s42	1s 7	19n16	0n34	23s 0	0s 2	22s 0	0n56	14n54	8s22	16n 3	16n 6	2n23	16s48	6n 4	T 1
F 2	16 49	16 38	0n 8	13 22	3 28	5 8	6 20	14 3	4 22	3 37	1 7	19 18	0 34	23 1	0 2	21 59	0 56	14 54	8 22	16 3	16 5	2 27	16 47	6 4	F 2
S 3	16 31	20 48	1 12	13 37	3 34	5 4	6 33	14 11	4 24	3 32	1 7	19 19	0 34	23 1	0 2	21 59	0 56	14 54	8 22	16 3	16 4	2 30	16 46	6 4	S 3
S 4	16 13	24 8	2 13	13 54	3 37	5 1	6 46	14 19	4 25	3 27	1 6	19 20	0 35	23 1	0 2	21 59	0 56	14 54	8 22	16 2	16 3	2 33	16 45	6 5	S 4
M 5	15 55	26 23	3 10	14 12	3 38	4 59	6 58	14 28	4 26	3 21	1 6	19 22	0 35	23 1	0 2	21 59	0 56	14 54	8 21	16 1	16 2	2 36	16 44	6 5	M 5
T 6	15 37	27 15	3 58	14 31	3 37	4 58	7 10	14 36	4 27	3 16	1 6	19 23	0 35	23 1	0 2	21 59	0 56	14 55	8 21	15 59	16 1	2 40	16 43	6 5	T 6
W 7	15 18	26 31	4 35	14 49	3 33	4 58	7 21	14 45	4 27	3 11	1 6	19 24	0 35	23 2	0 2	21 59	0 56	14 55	8 21	15 56	16 0	2 43	16 43	6 6	W 7
T 8	14 59	24 6	4 56	15 8	3 28	4 59	7 32	14 53	4 28	3 6	1 6	19 25	0 35	23 2	0 2	21 58	0 56	14 55	8 21	15 53	15 59	2 46	16 42	6 6	T 8
F 9	14 40	20 7	4 59	15 26	3 21	5 1	7 42	15 2	4 29	3 0	1 6	19 27	0 35	23 2	0 2	21 58	0 56	14 55	8 21	15 49	15 58	2 50	16 41	6 6	F 9
S 10	14 21	14 51	4 43	15 44	3 12	5 5	7 51	15 11	4 29	2 55	1 6	19 28	0 35	23 2	0 2	21 58	0 56	14 55	8 20	15 46	15 57	2 53	16 40	6 7	S 10
S 11	14 1	8 41	4 8	16 0	3 3	5 9	7 59	15 19	4 30	2 50	1 6	19 29	0 35	23 2	0 2	21 58	0 56	14 56	8 20	15 43	15 56	2 56	16 39	6 7	S 11
M12	13 42	2 1	3 16	16 16	2 52	5 14	8 7	15 28	4 30	2 44	1 6	19 30	0 35	23 3	0 2	21 58	0 56	14 56	8 20	15 40	15 55	2 59	16 38	6 7	M12
T 13	13 22	4s42	2 11	16 30	2 41	5 20	8 13	15 37	4 30	2 39	1 6	19 31	0 35	23 3	0 2	21 58	0 56	14 56	8 20	15 39	15 54	3 3	16 37	6 8	T 13
W14	13 1	11 5	0 59	16 43	2 29	5 27	8 19	15 45	4 31	2 33	1 6	19 33	0 35	23 3	0 2	21 57	0 56	14 56	8 20	15 38	15 53	3 6	16 36	6 8	W14
T 15	12 41	16 47	0s16	16 54	2 17	5 34	8 23	15 54	4 31	2 28	1 6	19 34	0 35	23 3	0 2	21 57	0 56	14 56	8 19	15 38	15 52	3 9	16 36	6 9	T 15
F 16	12 20	21 29	1 28	17 4	2 5	5 43	8 27	16 2	4 30	2 22	1 5	19 35	0 36	23 3	0 2	21 57	0 56	14 56	8 19	15 38	15 51	3 13	16 35	6 9	F 16
S 17	11 59	24 55	2 34	17 12	1 53	5 52	8 30	16 10	4 30	2 17	1 5	19 36	0 36	23 3	0 2	21 57	0 56	14 57	8 19	15 38	15 50	3 16	16 34	6 9	S 17
S 18	11 38	26 53	3 30	17 19	1 40	6 1	8 31	16 18	4 30	2 11	1 5	19 37	0 36	23 4	0 2	21 57	0 56	14 57	8 19	15 37	15 49	3 19	16 33	6 10	S 18
M19	11 17	27 17	4 14	17 25	1 28	6 11	8 32	16 26	4 30	2 6	1 5	19 38	0 36	23 4	0 2	21 57	0 56	14 57	8 18	15 35	15 48	3 22	16 32	6 10	M19
T 20	10 55	26 12	4 44	17 29	1 16	6 21	8 32	16 34	4 29	2 0	1 5	19 39	0 36	23 4	0 2	21 56	0 56	14 57	8 18	15 33	15 48	3 26	16 31	6 11	T 20
W21	10 34	23 45	5 0	17 32	1 4	6 31	8 31	16 42	4 28	1 55	1 5	19 40	0 36	23 4	0 2	21 56	0 56	14 57	8 18	15 30	15 47	3 29	16 30	6 11	W21
T 22	10 12	20 12	5 0	17 33	0 52	6 42	8 29	16 49	4 28	1 49	1 5	19 41	0 36	23 4	0 2	21 56	0 56	14 58	8 18	15 26	15 46	3 32	16 29	6 12	T 22
F 23	9 50	15 49	4 46	17 33	0 41	6 53	8 26	16 57	4 27	1 44	1 5	19 42	0 36	23 4	0 2	21 56	0 56	14 58	8 18	15 22	15 45	3 35	16 28	6 12	F 23
S 24	9 28	10 51	4 20	17 31	0 29	7 4	8 23	17 4	4 26	1 38	1 5	19 43	0 36	23 4	0 2	21 56	0 56	14 58	8 17	15 18	15 44	3 39	16 27	6 12	S 24
S 25	9 6	5 33	3 41	17 28	0 18	7 15	8 19	17 10	4 25	1 32	1 5	19 44	0 36	23 5	0 2	21 56	0 56	14 58	8 17	15 15	15 43	3 42	16 26	6 13	S 25
M26	8 43	0 5	2 54	17 23	0 8	7 26	8 14	17 17	4 24	1 27	1 5	19 45	0 36	23 5	0 2	21 55	0 56	14 58	8 17	15 12	15 42	3 45	16 25	6 13	M26
T 27	8 21	5n20	1 59	17 17	0s 3	7 37	8 8	17 23	4 22	1 21	1 5	19 46	0 36	23 5	0 2	21 55	0 56	14 59	8 17	15 10	15 41	3 49	16 25	6 14	T 27
W28	7s58	10n34	0s59	17s10	0s13	7s47	8n 2	17n29	4n21	1s16	1s 5	19n47	0n36	23s 5	0s 2	21s55	0n56	14n59	8s16	15n10	15n40	3n52	16s24	6n14	W28

Julian Day Number = 2507458.5, Delta T = 123.80 sec
Ecliptic obliquity = 23°25'16, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°52'46, Lahiri = 25°59'46

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2153
geocentric

MARCH 2153 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 36 12	10♓36'00	11♉52	13♒51	17°R42	24°R 1	29♓34	4°R 8	20♐ 4	12♑23	23°R11	11°D 8	12♉44	15♈30	14♑55	T 1
F 2	10 40 9	11°36'17	23°45	14°56	17♒31	23♌41	29°48	4♌ 4	20° 6	12°24	23♊11	11♉ 8	12°41	15°37	14°59	F 2
S 3	10 44 5	12°36'33	5♊49	16° 4	17°22	23°21	0♈ 2	4° 1	20° 7	12°25	23°10	11° 9	12°38	15°43	15° 3	S 3
S 4	10 48 2	13°36'46	18° 9	17°14	17°16	23° 1	0°16	3°58	20° 8	12°27	23°10	11°R 9	12°34	15°50	15° 7	S 4
M 5	10 51 58	14°36'58	0♋50	18°26	17°12	22°42	0°31	3°55	20° 9	12°28	23°10	11° 8	12°31	15°57	15°11	M 5
T 6	10 55 55	15°37'07	13°57	19°40	17°D10	22°24	0°45	3°52	20°10	12°29	23°10	11° 4	12°28	16° 3	15°15	T 6
W 7	10 59 51	16°37'15	27°33	20°55	17°11	22° 7	0°59	3°49	20°11	12°31	23°D10	10°58	12°25	16°10	15°19	W 7
T 8	11 3 48	17°37'20	11♌37	22°12	17°15	21°50	1°13	3°46	20°12	12°32	23°10	10°51	12°22	16°17	15°23	T 8
F 9	11 7 45	18°37'23	26° 9	23°31	17°20	21°34	1°28	3°43	20°13	12°33	23°10	10°42	12°19	16°23	15°27	F 9
S 10	11 11 41	19°37'25	11♍ 2	24°51	17°28	21°18	1°42	3°40	20°14	12°34	23°10	10°34	12°15	16°30	15°31	S 10
S 11	11 15 38	20°37'24	26° 8	26°13	17°38	21° 3	1°57	3°38	20°14	12°35	23°10	10°27	12°12	16°37	15°34	S 11
M12	11 19 34	21°37'21	11♎17	27°36	17°51	20°49	2°11	3°35	20°15	12°36	23°11	10°22	12° 9	16°43	15°38	M12
T 13	11 23 31	22°37'17	26°20	29° 1	18° 5	20°36	2°25	3°33	20°16	12°37	23°11	10°19	12° 6	16°50	15°41	T 13
W14	11 27 27	23°37'11	11♏ 7	0♓27	18°22	20°23	2°40	3°31	20°16	12°38	23°11	10°D18	12° 3	16°57	15°45	W14
T 15	11 31 24	24°37'03	25°35	1°55	18°40	20°11	2°54	3°29	20°17	12°39	23°11	10°19	12° 0	17° 3	15°48	T 15
F 16	11 35 20	25°36'54	9♐40	3°23	19° 1	20° 0	3° 9	3°26	20°17	12°40	23°11	10°20	11°56	17°10	15°51	F 16
S 17	11 39 17	26°36'43	23°21	4°53	19°23	19°50	3°23	3°24	20°18	12°41	23°11	10°R21	11°53	17°17	15°55	S 17
S 18	11 43 14	27°36'31	6♑41	6°25	19°47	19°41	3°38	3°23	20°18	12°42	23°12	10°21	11°50	17°23	15°58	S 18
M19	11 47 10	28°36'17	19°42	7°57	20°13	19°32	3°52	3°21	20°19	12°43	23°12	10°19	11°47	17°30	16° 1	M19
T 20	11 51 7	29°36'01	2♒26	9°31	20°40	19°24	4° 7	3°19	20°19	12°44	23°12	10°14	11°44	17°37	16° 4	T 20
W21	11 55 3	0♈35'43	14°56	11° 6	21° 9	19°17	4°21	3°18	20°19	12°45	23°12	10° 9	11°40	17°43	16° 7	W21
T 22	11 59 0	1°35'24	27°14	12°43	21°40	19°10	4°36	3°16	20°19	12°46	23°13	10° 2	11°37	17°50	16°10	T 22
F 23	12 2 56	2°35'02	9♓22	14°20	22°12	19° 5	4°50	3°15	20°20	12°46	23°13	9°55	11°34	17°57	16°12	F 23
S 24	12 6 53	3°34'39	21°23	15°59	22°45	19° 0	5° 5	3°13	20°20	12°47	23°13	9°48	11°31	18° 3	16°15	S 24
S 25	12 10 49	4°34'14	3♈18	17°39	23°20	18°56	5°20	3°12	20°R20	12°48	23°14	9°42	11°28	18°10	16°18	S 25
M26	12 14 46	5°33'46	15° 8	19°21	23°56	18°53	5°34	3°11	20°20	12°48	23°14	9°38	11°25	18°16	16°20	M26
T 27	12 18 42	6°33'17	26°55	21° 4	24°33	18°50	5°49	3°10	20°20	12°49	23°15	9°35	11°21	18°23	16°22	T 27
W28	12 22 39	7°32'46	8♉42	22°48	25°12	18°49	6° 3	3°10	20°19	12°50	23°15	9°D34	11°18	18°30	16°25	W28
T 29	12 26 36	8°32'12	20°32	24°33	25°52	18°48	6°18	3° 9	20°19	12°50	23°16	9°35	11°15	18°36	16°27	T 29
F 30	12 30 32	9°31'36	2♊28	26°20	26°32	18°D47	6°32	3° 8	20°19	12°51	23°16	9°36	11°12	18°43	16°29	F 30
S 31	12 34 29	10♈30'58	14♊34	28♓ 8	27♒14	18♌48	6♈47	3♌ 8	20♐19	12♑51	23♊17	9♉38	11♉ 9	18♈50	16♑31	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s35	15n27	0n 4	17s 1	0s22	7s58	7n55	17n35	4n20	1s10	1s 5	19n48	0n36	23s 5	0s 2	21s55	0n56	14n59	8s16	15n 9	15n39	3n55	16s23	6n15
F 2	7 12	19 47	1 7	16 51	0 31	8 8	7 48	17 41	4 18	1 4	1 5	19 49	0 37	23 5	0 2	21 55	0 56	14 59	8 16	15 9	15 38	3 58	16 22	6 15
S 3	6 49	23 22	2 8	16 39	0 40	8 18	7 40	17 46	4 17	0 59	1 5	19 50	0 37	23 5	0 2	21 55	0 56	15 0	8 16	15 10	15 37	4 2	16 21	6 16
S 4	6 26	25 58	3 5	16 26	0 49	8 28	7 32	17 51	4 15	0 53	1 5	19 51	0 37	23 5	0 2	21 55	0 56	15 0	8 16	15 10	15 36	4 5	16 20	6 16
M 5	6 3	27 19	3 54	16 12	0 57	8 37	7 24	17 55	4 13	0 47	1 5	19 51	0 37	23 5	0 2	21 54	0 56	15 0	8 15	15 9	15 35	4 8	16 19	6 17
T 6	5 40	27 13	4 33	15 56	1 5	8 46	7 15	18 0	4 12	0 41	1 5	19 52	0 37	23 5	0 2	21 54	0 56	15 0	8 15	15 8	15 34	4 12	16 18	6 17
W 7	5 17	25 30	4 58	15 39	1 12	8 54	7 6	18 4	4 10	0 36	1 5	19 53	0 37	23 6	0 2	21 54	0 56	15 0	8 15	15 6	15 33	4 15	16 17	6 18
T 8	4 53	22 11	5 6	15 21	1 19	9 2	6 56	18 8	4 8	0 30	1 4	19 54	0 37	23 6	0 2	21 54	0 56	15 1	8 15	15 4	15 32	4 18	16 16	6 18
F 9	4 30	17 25	4 55	15 2	1 26	9 9	6 47	18 11	4 6	0 24	1 4	19 54	0 37	23 6	0 2	21 54	0 56	15 1	8 14	15 1	15 31	4 21	16 15	6 19
S 10	4 6	11 30	4 25	14 41	1 32	9 16	6 37	18 14	4 4	0 18	1 4	19 55	0 37	23 6	0 2	21 54	0 56	15 1	8 14	14 59	15 30	4 25	16 14	6 20
S 11	3 43	4 49	3 35	14 19	1 38	9 23	6 27	18 17	4 2	0 13	1 4	19 56	0 37	23 6	0 2	21 54	0 56	15 1	8 14	14 57	15 29	4 28	16 13	6 20
M12	3 19	2s10	2 30	13 55	1 44	9 29	6 17	18 20	4 0	0 7	1 4	19 56	0 37	23 6	0 2	21 54	0 56	15 2	8 14	14 55	15 28	4 31	16 12	6 21
T 13	2 56	9 0	1 15	13 31	1 49	9 34	6 7	18 22	3 57	0 1	1 4	19 57	0 37	23 6	0 2	21 53	0 56	15 2	8 14	14 54	15 27	4 35	16 11	6 21
W14	2 32	15 13	0s 4	13 5	1 54	9 39	5 57	18 24	3 55	0n 4	1 4	19 57	0 37	23 6	0 2	21 53	0 56	15 2	8 13	14 54	15 26	4 38	16 10	6 22
T 15	2 8	20 28	1 22	12 38	1 58	9 43	5 47	18 25	3 53	0 10	1 4	19 58	0 37	23 6	0 2	21 53	0 56	15 2	8 13	14 54	15 25	4 41	16 9	6 22
F 16	1 45	24 23	2 32	12 9	2 2	9 46	5 37	18 27	3 51	0 16	1 4	19 58	0 37	23 6	0 2	21 53	0 56	15 3	8 13	14 55	15 24	4 44	16 9	6 23
S 17	1 21	26 47	3 32	11 39	2 6	9 49	5 27	18 28	3 48	0 22	1 4	19 59	0 37	23 6	0 2	21 53	0 56	15 3	8 13	14 55	15 23	4 48	16 8	6 23
S 18	0 57	27 33	4 18	11 9	2 9	9 52	5 16	18 29	3 46	0 28	1 4	19 59	0 37	23 6	0 2	21 53	0 56	15 3	8 12	14 55	15 22	4 51	16 7	6 24
M19	0 33	26 46	4 50	10 37	2 11	9 53	5 6	18 29	3 44	0 33	1 4	20 0	0 37	23 6	0 2	21 53	0 56	15 3	8 12	14 54	15 21	4 54	16 6	6 25
T 20	0 10	24 35	5 7	10 3	2 14	9 55	4 56	18 30	3 41	0 39	1 4	20 0	0 37	23 6	0 2	21 53	0 56	15 4	8 12	14 53	15 20	4 57	16 5	6 25
W21	0n14	21 16	5 9	9 29	2 15	9 55	4 46	18 30	3 39	0 45	1 4	20 1	0 37	23 6	0 2	21 53	0 56	15 4	8 12	14 51	15 19	5 1	16 4	6 26
T 22	0 38	17 3	4 56	8 53	2 17	9 55	4 36	18 29	3 37	0 51	1 4	20 1	0 37	23 6	0 2	21 52	0 56	15 4	8 11	14 49	15 19	5 4	16 3	6 26
F 23	1 2	12 13	4 30	8 17	2 18	9 54	4 26	18 29	3 34	0 56	1 4	20 1	0 37	23 6	0 2	21 52	0 56	15 4	8 11	14 47	15 18	5 7	16 2	6 27
S 24	1 25	6 59	3 53	7 39	2 18	9 53	4 16	18 28	3 32	1 2	1 4	20 2	0 38	23 6	0 2	21 52	0 56	15 4	8 11	14 44	15 17	5 11	16 1	6 27
S 25	1 49	1 31	3 5	7 0	2 18	9 51	4 6	18 27	3 29	1 8	1 4	20 2	0 38	23 6	0 2	21 52	0 56	15 5	8 11	14 43	15 16	5 14	16 0	6 28
M26	2 12	3n58	2 10	6 19	2 18	9 49	3 56	18 26	3 27	1 14	1 4	20 2	0 38	23 6	0 2	21 52	0 56	15 5	8 11	14 41	15 15	5 17	15 59	6 29
T 27	2 36	9 18	1 9	5 38	2 17	9 46	3 47	18 24	3 25	1 19	1 4	20 3	0 38	23 6	0 2	21 52	0 56	15 5	8 10	14 40	15 14	5 20	15 59	6 29
W28	3 0	14 19	0 5	4 56	2 15	9 42	3 37	18 23	3 22	1 25	1 4	20 3	0 38	23 6	0 2	21 52	0 57	15 5	8 10	14 40	15 13	5 24	15 58	6 30
T 29	3 23	18 50	1n 0	4 12	2 14	9 38	3 28	18 21	3 20	1 31	1 4	20 3	0 38	23 6	0 2	21 52	0 57	15 6	8 10	14 40	15 12	5 27	15 57	6 31
F 30	3 46	22 38	2 2	3 28	2 11	9 33	3 18	18 18	3 17	1 37	1 4	20 3	0 38	23 6	0 2	21 52	0 57	15 6	8 10	14 41	15 11	5 30	15 56	6 31
S 31	4n10	25n31	3n 0	2s42	2s 8	9s28	3n 9	18n16	3n15	1n42	1s 4	20n 3	0n38	23s 6	0s 2	21s52	0n57	15n 6	8s 9	14n41	15n10	5n34	15s55	6n32

Julian Day Number = 2507486.5, Delta T = 123.86 sec
Ecliptic obliquity = 23°25'17, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°52'50, Lahiri = 25°59'50

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2153
geocentric

APRIL 2153 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 38 25	11♈30'18	26♊54	29♓57	27♒57	18♌49	7♈ 1	3°R 7	20°R18	12♑52	23♊17	9♉40	11♉ 5	18♈56	16♑33	S 1
M 2	12 42 22	12°29'36	9♋32	1♈48	28°41	18°51	7°16	3♌ 7	20♐18	12°52	23°18	9°R40	11° 2	19° 3	16°35	M 2
T 3	12 46 18	13°28'51	22°33	3°40	29°26	18°54	7°30	3° 7	20°17	12°52	23°18	9°40	10°59	19°10	16°37	T 3
W 4	12 50 15	14°28'04	6♌ 1	5°34	0♓11	18°57	7°45	3°D 7	20°17	12°53	23°19	9°39	10°56	19°16	16°39	W 4
T 5	12 54 11	15°27'15	19°57	7°29	0°58	19° 1	7°59	3° 7	20°16	12°53	23°19	9°36	10°53	19°23	16°41	T 5
F 6	12 58 8	16°26'23	4♍20	9°25	1°45	19° 6	8°14	3° 7	20°16	12°53	23°20	9°33	10°50	19°30	16°42	F 6
S 7	13 2 5	17°25'29	19° 7	11°22	2°34	19°12	8°28	3° 8	20°15	12°54	23°21	9°30	10°46	19°36	16°44	S 7
S 8	13 6 1	18°24'32	4♎13	13°21	3°23	19°18	8°43	3° 8	20°15	12°54	23°21	9°27	10°43	19°43	16°45	S 8
M 9	13 9 58	19°23'34	19°27	15°21	4°12	19°24	8°57	3° 8	20°14	12°54	23°22	9°26	10°40	19°50	16°47	M 9
T 10	13 13 54	20°22'34	4♏40	17°23	5° 3	19°32	9°11	3° 9	20°13	12°54	23°23	9°D25	10°37	19°56	16°48	T 10
W11	13 17 51	21°21'31	19°42	19°25	5°54	19°40	9°26	3°10	20°12	12°54	23°23	9°25	10°34	20° 3	16°49	W11
T 12	13 21 47	22°20'27	4♐26	21°29	6°46	19°48	9°40	3°11	20°11	12°55	23°24	9°26	10°31	20°10	16°50	T 12
F 13	13 25 44	23°19'21	18°46	23°33	7°38	19°57	9°54	3°12	20°10	12°55	23°25	9°27	10°27	20°16	16°51	F 13
S 14	13 29 40	24°18'14	2♑40	25°38	8°31	20° 7	10° 9	3°13	20° 9	12°R55	23°26	9°28	10°24	20°23	16°52	S 14
S 15	13 33 37	25°17'05	16° 7	27°44	9°25	20°17	10°23	3°14	20° 8	12°55	23°27	9°29	10°21	20°30	16°53	S 15
M16	13 37 34	26°15'54	29°11	29°50	10°19	20°28	10°37	3°15	20° 7	12°55	23°27	9°R29	10°18	20°36	16°54	M16
T 17	13 41 30	27°14'41	11♒53	1♉57	11°14	20°40	10°51	3°16	20° 6	12°54	23°28	9°29	10°15	20°43	16°54	T 17
W18	13 45 27	28°13'27	24°17	4° 3	12° 9	20°51	11° 6	3°18	20° 5	12°54	23°29	9°28	10°11	20°50	16°55	W18
T 19	13 49 23	29°12'10	6♓27	6° 9	13° 5	21° 4	11°20	3°19	20° 4	12°54	23°30	9°26	10° 8	20°56	16°56	T 19
F 20	13 53 20	0♉10'52	18°27	8°15	14° 1	21°17	11°34	3°21	20° 2	12°54	23°31	9°25	10° 5	21° 3	16°56	F 20
S 21	13 57 16	1° 9'33	0♈20	10°19	14°58	21°30	11°48	3°23	20° 1	12°54	23°32	9°24	10° 2	21°10	16°56	S 21
S 22	14 1 13	2° 8'11	12° 9	12°23	15°55	21°44	12° 2	3°25	20° 0	12°54	23°33	9°23	9°59	21°16	16°57	S 22
M23	14 5 9	3° 6'48	23°56	14°24	16°53	21°59	12°16	3°27	19°58	12°53	23°34	9°22	9°56	21°23	16°57	M23
T 24	14 9 6	4° 5'22	5♉44	16°24	17°51	22°14	12°30	3°29	19°57	12°53	23°35	9°D22	9°52	21°29	16°R57	T 24
W25	14 13 3	5° 3'55	17°36	18°22	18°50	22°29	12°44	3°31	19°55	12°53	23°36	9°22	9°49	21°36	16°57	W25
T 26	14 16 59	6° 2'26	29°32	20°17	19°49	22°45	12°58	3°34	19°54	12°52	23°37	9°22	9°46	21°43	16°57	T 26
F 27	14 20 56	7° 0'55	11♊36	22° 9	20°48	23° 1	13°12	3°36	19°52	12°52	23°38	9°22	9°43	21°49	16°56	F 27
S 28	14 24 52	7°59'22	23°50	23°58	21°47	23°18	13°26	3°39	19°51	12°52	23°39	9°23	9°40	21°56	16°56	S 28
S 29	14 28 49	8°57'48	6♋17	25°44	22°47	23°35	13°40	3°41	19°49	12°51	23°40	9°R23	9°37	22° 3	16°56	S 29
M30	14 32 45	9♉56'11	19♋ 0	27♉26	23♓48	23♌53	13♈54	3♌44	19♐48	12♑51	23♊41	9♉23	9♉33	22♈ 9	16♑55	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n33	27n14	3n51	1s56	2s 5	9s22	3n 0	18n13	3n13	1n48	1s 4	20n 3	0n38	23s 6	0s 2	21s52	0n57	15n 6	8s 9	14n42	15n 9	5n37	15s54	6n32
M 2	4 56	27 36	4 32	1 8	2 1	9 15	2 51	18 10	3 10	1 54	1 4	20 4	0 38	23 6	0 2	21 52	0 57	15 7	8 9	14 42	15 8	5 40	15 53	6 33
T 3	5 19	26 29	5 1	0 20	1 57	9 8	2 42	18 7	3 8	1 59	1 4	20 4	0 38	23 6	0 2	21 52	0 57	15 7	8 9	14 42	15 7	5 43	15 53	6 34
W 4	5 42	23 49	5 14	0n30	1 52	9 1	2 33	18 4	3 5	2 5	1 4	20 4	0 38	23 6	0 2	21 51	0 57	15 7	8 9	14 41	15 6	5 47	15 52	6 34
T 5	6 5	19 43	5 10	1 20	1 47	8 52	2 24	18 0	3 3	2 11	1 4	20 4	0 38	23 6	0 2	21 51	0 57	15 7	8 8	14 41	15 5	5 50	15 51	6 35
F 6	6 28	14 21	4 46	2 11	1 41	8 44	2 16	17 57	3 1	2 16	1 5	20 4	0 38	23 6	0 2	21 51	0 57	15 8	8 8	14 40	15 4	5 53	15 50	6 36
S 7	6 50	8 1	4 3	3 3	1 34	8 34	2 7	17 53	2 58	2 22	1 5	20 4	0 38	23 6	0 2	21 51	0 57	15 8	8 8	14 39	15 3	5 56	15 49	6 36
S 8	7 13	1 7	3 2	3 55	1 27	8 25	1 59	17 49	2 56	2 28	1 5	20 4	0 38	23 6	0 2	21 51	0 57	15 8	8 8	14 38	15 2	6 0	15 48	6 37
M 9	7 35	5s56	1 48	4 49	1 20	8 14	1 51	17 44	2 54	2 33	1 5	20 3	0 38	23 6	0 2	21 51	0 57	15 8	8 8	14 37	15 1	6 3	15 48	6 37
T 10	7 57	12 39	0 26	5 42	1 12	8 4	1 43	17 40	2 51	2 39	1 5	20 3	0 38	23 6	0 2	21 51	0 57	15 9	8 7	14 37	15 0	6 6	15 47	6 38
W11	8 19	18 33	0s57	6 36	1 4	7 52	1 35	17 35	2 49	2 45	1 5	20 3	0 38	23 6	0 2	21 51	0 57	15 9	8 7	14 37	14 59	6 9	15 46	6 39
T 12	8 41	23 12	2 14	7 31	0 55	7 40	1 27	17 30	2 47	2 50	1 5	20 3	0 38	23 6	0 2	21 51	0 57	15 9	8 7	14 37	14 58	6 13	15 45	6 39
F 13	9 3	26 17	3 21	8 26	0 46	7 28	1 20	17 25	2 45	2 56	1 5	20 3	0 38	23 6	0 2	21 51	0 57	15 9	8 7	14 38	14 57	6 16	15 45	6 40
S 14	9 25	27 37	4 14	9 20	0 36	7 15	1 12	17 20	2 43	3 1	1 5	20 3	0 38	23 6	0 2	21 51	0 57	15 10	8 7	14 38	14 56	6 19	15 44	6 41
S 15	9 46	27 16	4 51	10 15	0 26	7 2	1 5	17 15	2 40	3 7	1 5	20 2	0 38	23 6	0 2	21 51	0 57	15 10	8 6	14 38	14 55	6 23	15 43	6 41
M16	10 8	25 23	5 12	11 9	0 16	6 48	0 57	17 9	2 38	3 12	1 5	20 2	0 38	23 6	0 2	21 51	0 57	15 10	8 6	14 38	14 54	6 26	15 42	6 42
T 17	10 29	22 17	5 17	12 3	0 6	6 34	0 50	17 4	2 36	3 18	1 5	20 2	0 38	23 6	0 2	21 51	0 57	15 10	8 6	14 38	14 53	6 29	15 42	6 43
W18	10 50	18 14	5 6	12 57	0n 5	6 20	0 43	16 58	2 34	3 23	1 5	20 1	0 38	23 6	0 3	21 51	0 57	15 10	8 6	14 38	14 52	6 32	15 41	6 43
T 19	11 11	13 30	4 42	13 49	0 16	6 5	0 37	16 52	2 32	3 29	1 5	20 1	0 38	23 5	0 3	21 51	0 57	15 11	8 6	14 38	14 51	6 36	15 40	6 44
F 20	11 32	8 20	4 6	14 40	0 27	5 49	0 30	16 46	2 30	3 34	1 5	20 1	0 38	23 5	0 3	21 51	0 57	15 11	8 5	14 37	14 50	6 39	15 40	6 44
S 21	11 52	2 56	3 20	15 30	0 38	5 33	0 23	16 39	2 28	3 40	1 5	20 0	0 38	23 5	0 3	21 51	0 57	15 11	8 5	14 37	14 49	6 42	15 39	6 45
S 22	12 12	2n34	2 25	16 19	0 49	5 17	0 17	16 33	2 26	3 45	1 5	20 0	0 38	23 5	0 3	21 51	0 57	15 11	8 5	14 36	14 48	6 45	15 38	6 46
M23	12 32	7 58	1 25	17 6	1 0	5 1	0 11	16 26	2 24	3 51	1 5	19 59	0 38	23 5	0 3	21 51	0 57	15 12	8 5	14 36	14 47	6 49	15 38	6 46
T 24	12 52	13 7	0 20	17 51	1 10	4 44	0 5	16 19	2 22	3 56	1 5	19 59	0 38	23 5	0 3	21 51	0 57	15 12	8 5	14 36	14 46	6 52	15 37	6 47
W25	13 12	17 48	0n46	18 34	1 20	4 26	0s 1	16 12	2 20	4 1	1 5	19 59	0 38	23 5	0 3	21 51	0 57	15 12	8 4	14 36	14 45	6 55	15 36	6 48
T 26	13 31	21 49	1 50	19 15	1 30	4 9	0 7	16 5	2 18	4 7	1 6	19 58	0 38	23 5	0 3	21 51	0 57	15 12	8 4	14 36	14 44	6 58	15 36	6 48
F 27	13 51	24 58	2 50	19 53	1 39	3 51	0 13	15 58	2 16	4 12	1 6	19 57	0 38	23 5	0 3	21 51	0 57	15 12	8 4	14 36	14 43	7 2	15 35	6 49
S 28	14 10	26 59	3 43	20 30	1 48	3 32	0 19	15 51	2 14	4 17	1 6	19 57	0 38	23 5	0 3	21 51	0 57	15 13	8 4	14 36	14 42	7 5	15 35	6 49
S 29	14 28	27 42	4 26	21 3	1 56	3 14	0 24	15 43	2 12	4 23	1 6	19 56	0 38	23 4	0 3	21 51	0 57	15 13	8 4	14 36	14 41	7 8	15 34	6 50
M30	14n47	26n59	4n58	21n35	2n 4	2s55	0s29	15n36	2n10	4n28	1s 6	19n56	0n39	23s 4	0s 3	21s51	0n57	15n13	8s 4	14n36	14n40	7n11	15s33	6n51

Julian Day Number = 2507517.5, Delta T = 123.92 sec
Ecliptic obliquity = 23°25'17, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°52'54, Lahiri = 25°59'54

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2153
geocentric

MAY 2153 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 36 42	10♉54'31	2♌ 1	29♉ 4	24♓48	24♌11	14♈ 7	3♌47	19°R46	12°R50	23♊42	9°R23	9♉30	22♈16	16°R55	T 1
W 2	14 40 38	11°52'50	15°24	0♊39	25°49	24°29	14°21	3°50	19♐44	12♑50	23°43	9°D23	9°27	22°23	16♑54	W 2
T 3	14 44 35	12°51'07	29°10	2°10	26°50	24°48	14°35	3°53	19°42	12°49	23°44	9♉23	9°24	22°29	16°54	T 3
F 4	14 48 32	13°49'21	13♍19	3°36	27°52	25° 8	14°48	3°56	19°40	12°48	23°45	9°23	9°21	22°36	16°53	F 4
S 5	14 52 28	14°47'34	27°50	4°59	28°54	25°27	15° 2	3°59	19°39	12°48	23°46	9°24	9°17	22°43	16°52	S 5
S 6	14 56 25	15°45'44	12♎40	6°17	29°56	25°47	15°15	4° 2	19°37	12°47	23°47	9°24	9°14	22°49	16°51	S 6
M 7	15 0 21	16°43'53	27°42	7°31	0♈58	26° 7	15°29	4° 6	19°35	12°46	23°48	9°24	9°11	22°56	16°50	M 7
T 8	15 4 18	17°42'00	12♏48	8°40	2° 1	26°28	15°42	4° 9	19°33	12°46	23°50	9°R25	9° 8	23° 3	16°49	T 8
W 9	15 8 14	18°40'05	27°49	9°45	3° 4	26°49	15°55	4°13	19°31	12°45	23°51	9°24	9° 5	23° 9	16°48	W 9
T 10	15 12 11	19°38'09	12♐38	10°45	4° 7	27°10	16° 9	4°16	19°29	12°44	23°52	9°23	9° 2	23°16	16°46	T 10
F 11	15 16 7	20°36'11	27° 6	11°41	5°10	27°32	16°22	4°20	19°27	12°43	23°53	9°22	8°58	23°23	16°45	F 11
S 12	15 20 4	21°34'12	11♑10	12°32	6°14	27°54	16°35	4°24	19°25	12°42	23°54	9°21	8°55	23°29	16°44	S 12
S 13	15 24 1	22°32'11	24°46	13°18	7°18	28°16	16°48	4°28	19°23	12°42	23°56	9°19	8°52	23°36	16°42	S 13
M14	15 27 57	23°30'09	7♒56	13°59	8°22	28°39	17° 1	4°32	19°21	12°41	23°57	9°18	8°49	23°42	16°41	M14
T 15	15 31 54	24°28'06	20°42	14°36	9°26	29° 2	17°14	4°36	19°18	12°40	23°58	9°D18	8°46	23°49	16°39	T 15
W16	15 35 50	25°26'01	3♓ 7	15° 7	10°30	29°25	17°27	4°40	19°16	12°39	23°59	9°18	8°43	23°56	16°37	W16
T 17	15 39 47	26°23'56	15°16	15°34	11°35	29°49	17°40	4°45	19°14	12°38	24° 1	9°19	8°39	24° 2	16°35	T 17
F 18	15 43 43	27°21'48	27°13	15°56	12°40	0♍13	17°53	4°49	19°12	12°37	24° 2	9°20	8°36	24° 9	16°34	F 18
S 19	15 47 40	28°19'40	9♈ 3	16°12	13°45	0°37	18° 6	4°53	19°10	12°36	24° 3	9°21	8°33	24°16	16°32	S 19
S 20	15 51 36	29°17'30	20°50	16°24	14°50	1° 1	18°18	4°58	19° 7	12°35	24° 4	9°23	8°30	24°22	16°30	S 20
M21	15 55 33	0♊15'20	2♉37	16°31	15°56	1°26	18°31	5° 3	19° 5	12°34	24° 6	9°24	8°27	24°29	16°28	M21
T 22	15 59 30	1°13'07	14°29	16°R33	17° 1	1°51	18°43	5° 7	19° 3	12°33	24° 7	9°R24	8°23	24°36	16°25	T 22
W23	16 3 26	2°10'54	26°27	16°30	18° 7	2°16	18°56	5°12	19° 0	12°31	24° 8	9°23	8°20	24°42	16°23	W23
T 24	16 7 23	3° 8'39	8♊34	16°23	19°13	2°41	19° 8	5°17	18°58	12°30	24°10	9°21	8°17	24°49	16°21	T 24
F 25	16 11 19	4° 6'24	20°52	16°11	20°19	3° 7	19°21	5°22	18°56	12°29	24°11	9°17	8°14	24°56	16°18	F 25
S 26	16 15 16	5° 4'06	3♋21	15°55	21°25	3°33	19°33	5°27	18°53	12°28	24°12	9°13	8°11	25° 2	16°16	S 26
S 27	16 19 12	6° 1'48	16° 3	15°36	22°31	3°59	19°45	5°32	18°51	12°27	24°14	9° 9	8° 8	25° 9	16°14	S 27
M28	16 23 9	6°59'27	28°59	15°13	23°38	4°25	19°57	5°37	18°49	12°26	24°15	9° 5	8° 4	25°16	16°11	M28
T 29	16 27 6	7°57'06	12♌ 9	14°47	24°44	4°52	20° 9	5°42	18°46	12°24	24°16	9° 2	8° 1	25°22	16° 8	T 29
W30	16 31 2	8°54'43	25°35	14°18	25°51	5°19	20°21	5°48	18°44	12°23	24°18	9° 0	7°58	25°29	16° 6	W30
T 31	16 34 59	9♊52'18	9♍17	13♊47	26♈58	5♍46	20♈33	5♌53	18♐41	12♑22	24♊19	8°D59	7♉55	25♈36	16♑ 3	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15n 5	24n49	5n15	22n 4	2n11	2s35	0s35	15n28	2n 8	4n33	1s 6	19n55	0n39	23s 4	0s 3	21s51	0n57	15n13	8s 3	14n36	14n39	7n15	15s33	6n51
W 2	15 23	21 14	5 16	22 30	2 17	2 16	0 40	15 20	2 6	4 38	1 6	19 54	0 39	23 4	0 3	21 51	0 57	15 14	8 3	14 36	14 38	7 18	15 32	6 52
T 3	15 41	16 25	4 59	22 54	2 22	1 56	0 44	15 12	2 4	4 44	1 6	19 54	0 39	23 4	0 3	21 51	0 57	15 14	8 3	14 36	14 37	7 21	15 32	6 53
F 4	15 59	10 37	4 24	23 15	2 26	1 36	0 49	15 4	2 3	4 49	1 6	19 53	0 39	23 4	0 3	21 51	0 57	15 14	8 3	14 37	14 36	7 24	15 31	6 53
S 5	16 16	4 5	3 31	23 34	2 30	1 16	0 54	14 55	2 1	4 54	1 6	19 52	0 39	23 4	0 3	21 51	0 57	15 14	8 3	14 37	14 35	7 28	15 31	6 54
S 6	16 33	2s48	2 23	23 51	2 32	0 55	0 58	14 47	1 59	4 59	1 6	19 51	0 39	23 4	0 3	21 51	0 57	15 14	8 3	14 37	14 34	7 31	15 30	6 54
M 7	16 49	9 38	1 5	24 5	2 34	0 34	1 3	14 38	1 57	5 4	1 6	19 51	0 39	23 3	0 3	21 51	0 57	15 15	8 3	14 37	14 33	7 34	15 30	6 55
T 8	17 6	15 58	0s19	24 17	2 35	0 13	1 7	14 30	1 55	5 9	1 7	19 50	0 39	23 3	0 3	21 51	0 57	15 15	8 2	14 37	14 32	7 37	15 29	6 56
W 9	17 22	21 18	1 40	24 26	2 34	0n 8	1 11	14 21	1 54	5 14	1 7	19 49	0 39	23 3	0 3	21 51	0 57	15 15	8 2	14 37	14 31	7 41	15 29	6 56
T 10	17 38	25 10	2 54	24 34	2 33	0 29	1 15	14 12	1 52	5 19	1 7	19 48	0 39	23 3	0 3	21 52	0 57	15 15	8 2	14 37	14 30	7 44	15 28	6 57
F 11	17 53	27 18	3 55	24 40	2 31	0 51	1 19	14 3	1 50	5 24	1 7	19 47	0 39	23 3	0 3	21 52	0 57	15 15	8 2	14 36	14 29	7 47	15 28	6 57
S 12	18 9	27 36	4 39	24 43	2 28	1 13	1 23	13 54	1 49	5 29	1 7	19 46	0 39	23 3	0 3	21 52	0 57	15 16	8 2	14 36	14 28	7 50	15 28	6 58
S 13	18 23	26 11	5 7	24 45	2 23	1 34	1 26	13 44	1 47	5 34	1 7	19 45	0 39	23 3	0 3	21 52	0 57	15 16	8 2	14 35	14 27	7 54	15 27	6 58
M14	18 38	23 22	5 17	24 44	2 18	1 57	1 29	13 35	1 45	5 39	1 7	19 45	0 39	23 2	0 3	21 52	0 58	15 16	8 2	14 35	14 26	7 57	15 27	6 59
T 15	18 52	19 29	5 11	24 42	2 11	2 19	1 33	13 25	1 44	5 44	1 7	19 44	0 39	23 2	0 3	21 52	0 58	15 16	8 1	14 35	14 25	8 0	15 27	7 0
W16	19 6	14 51	4 50	24 38	2 4	2 41	1 36	13 16	1 42	5 49	1 7	19 43	0 39	23 2	0 3	21 52	0 58	15 16	8 1	14 35	14 24	8 3	15 26	7 0
T 17	19 20	9 45	4 17	24 33	1 55	3 4	1 39	13 6	1 41	5 53	1 7	19 42	0 39	23 2	0 3	21 52	0 58	15 16	8 1	14 35	14 23	8 7	15 26	7 1
F 18	19 33	4 22	3 33	24 26	1 46	3 26	1 42	12 56	1 39	5 58	1 8	19 41	0 39	23 2	0 3	21 52	0 58	15 17	8 1	14 36	14 22	8 10	15 26	7 1
S 19	19 46	1n 8	2 40	24 17	1 35	3 49	1 45	12 46	1 37	6 3	1 8	19 40	0 39	23 2	0 3	21 52	0 58	15 17	8 1	14 36	14 21	8 13	15 25	7 2
S 20	19 59	6 34	1 41	24 6	1 23	4 11	1 47	12 36	1 36	6 8	1 8	19 38	0 39	23 1	0 3	21 52	0 58	15 17	8 1	14 36	14 20	8 16	15 25	7 2
M21	20 11	11 47	0 37	23 55	1 11	4 34	1 50	12 26	1 34	6 12	1 8	19 37	0 39	23 1	0 3	21 52	0 58	15 17	8 1	14 37	14 18	8 19	15 25	7 3
T 22	20 23	16 37	0n28	23 41	0 57	4 57	1 52	12 15	1 33	6 17	1 8	19 36	0 39	23 1	0 3	21 52	0 58	15 17	8 1	14 37	14 17	8 23	15 24	7 3
W23	20 35	20 51	1 33	23 27	0 43	5 20	1 55	12 5	1 31	6 21	1 8	19 35	0 39	23 1	0 3	21 53	0 58	15 18	8 0	14 36	14 16	8 26	15 24	7 4
T 24	20 46	24 15	2 34	23 11	0 28	5 43	1 57	11 54	1 30	6 26	1 8	19 34	0 39	23 1	0 3	21 53	0 58	15 18	8 0	14 36	14 15	8 29	15 24	7 4
F 25	20 57	26 35	3 29	22 54	0 12	6 6	1 59	11 44	1 29	6 31	1 8	19 33	0 39	23 1	0 3	21 53	0 58	15 18	8 0	14 35	14 14	8 32	15 24	7 5
S 26	21 8	27 37	4 14	22 36	0s 5	6 29	2 1	11 33	1 27	6 35	1 9	19 32	0 39	23 0	0 3	21 53	0 58	15 18	8 0	14 33	14 13	8 36	15 23	7 5
S 27	21 18	27 14	4 48	22 17	0 22	6 52	2 2	11 22	1 26	6 39	1 9	19 30	0 39	23 0	0 3	21 53	0 58	15 18	8 0	14 32	14 12	8 39	15 23	7 6
M28	21 28	25 23	5 8	21 57	0 39	7 15	2 4	11 11	1 24	6 44	1 9	19 29	0 39	23 0	0 3	21 53	0 58	15 18	8 0	14 31	14 11	8 42	15 23	7 6
T 29	21 37	22 8	5 13	21 37	0 57	7 38	2 6	11 0	1 23	6 48	1 9	19 28	0 39	23 0	0 3	21 53	0 58	15 18	8 0	14 30	14 10	8 45	15 23	7 7
W30	21 46	17 41	5 0	21 16	1 14	8 0	2 7	10 49	1 21	6 53	1 9	19 27	0 39	23 0	0 3	21 53	0 58	15 19	8 0	14 29	14 9	8 48	15 23	7 7
T 31	21n55	12n15	4n31	20n55	1s32	8n23	2s 8	10n38	1n20	6n57	1s 9	19n25	0n39	22s59	0s 3	21s53	0n58	15n19	8s 0	14n29	14n 8	8n52	15s23	7n 8

Julian Day Number = 2507547.5, Delta T = 123.97 sec
Ecliptic obliquity = 23°25'17, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°52'58, Lahiri = 25°59'59

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2153
geocentric

JUNE 2153 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 38 55	10♊49'52	23♍17	13°R15	28♈ 5	6♍13	20♈44	5♌59	18°R39	12°R20	24♊21	9♉ 0	7♉52	25♈42	16°R 0	F 1
S 2	16 42 52	11°47'24	7♎32	12♊42	29°12	6°41	20°56	6° 4	18♐36	12♑19	24°22	9° 1	7°49	25°49	15♑57	S 2
S 3	16 46 48	12°44'55	22° 1	12° 8	0♉19	7° 9	21° 8	6°10	18°34	12°18	24°23	9° 2	7°45	25°55	15°54	S 3
M 4	16 50 45	13°42'25	6♏41	11°34	1°27	7°37	21°19	6°15	18°32	12°16	24°25	9°R 3	7°42	26° 2	15°51	M 4
T 5	16 54 41	14°39'54	21°28	11° 2	2°34	8° 5	21°31	6°21	18°29	12°15	24°26	9° 3	7°39	26° 9	15°48	T 5
W 6	16 58 38	15°37'21	6♐13	10°30	3°42	8°33	21°42	6°27	18°27	12°14	24°27	9° 1	7°36	26°15	15°45	W 6
T 7	17 2 35	16°34'48	20°51	10° 1	4°49	9° 2	21°53	6°33	18°24	12°12	24°29	8°57	7°33	26°22	15°42	T 7
F 8	17 6 31	17°32'14	5♑14	9°33	5°57	9°30	22° 4	6°38	18°22	12°11	24°30	8°51	7°29	26°29	15°39	F 8
S 9	17 10 28	18°29'39	19°17	9° 9	7° 5	9°59	22°15	6°44	18°19	12° 9	24°32	8°45	7°26	26°35	15°36	S 9
S 10	17 14 24	19°27'03	2♒55	8°47	8°13	10°29	22°26	6°50	18°17	12° 8	24°33	8°39	7°23	26°42	15°33	S 10
M11	17 18 21	20°24'26	16° 8	8°30	9°21	10°58	22°37	6°57	18°14	12° 6	24°34	8°34	7°20	26°49	15°29	M11
T 12	17 22 17	21°21'49	28°57	8°16	10°30	11°27	22°48	7° 3	18°12	12° 5	24°36	8°30	7°17	26°55	15°26	T 12
W13	17 26 14	22°19'11	11♓25	8° 6	11°38	11°57	22°58	7° 9	18° 9	12° 4	24°37	8°27	7°14	27° 2	15°23	W13
T 14	17 30 10	23°16'32	23°35	8° 0	12°46	12°27	23° 9	7°15	18° 7	12° 2	24°39	8°D27	7°10	27° 9	15°19	T 14
F 15	17 34 7	24°13'54	5♈32	7°D59	13°55	12°57	23°19	7°21	18° 4	12° 1	24°40	8°27	7° 7	27°15	15°16	F 15
S 16	17 38 4	25°11'14	17°22	8° 2	15° 3	13°27	23°29	7°28	18° 2	11°59	24°41	8°29	7° 4	27°22	15°12	S 16
S 17	17 42 0	26° 8'34	29°10	8°10	16°12	13°57	23°39	7°34	18° 0	11°57	24°43	8°30	7° 1	27°29	15° 9	S 17
M18	17 45 57	27° 5'54	11♉ 0	8°22	17°21	14°28	23°50	7°41	17°57	11°56	24°44	8°R30	6°58	27°35	15° 5	M18
T 19	17 49 53	28° 3'14	22°56	8°39	18°30	14°58	24° 0	7°47	17°55	11°54	24°46	8°29	6°55	27°42	15° 2	T 19
W20	17 53 50	29° 0'33	5♊ 3	9° 0	19°39	15°29	24° 9	7°54	17°52	11°53	24°47	8°26	6°51	27°48	14°58	W20
T 21	17 57 46	29°57'52	17°22	9°26	20°48	16° 0	24°19	8° 0	17°50	11°51	24°49	8°20	6°48	27°55	14°54	T 21
F 22	18 1 43	0♋55'10	29°55	9°57	21°57	16°31	24°29	8° 7	17°47	11°50	24°50	8°13	6°45	28° 2	14°51	F 22
S 23	18 5 39	1°52'28	12♋44	10°32	23° 6	17° 3	24°38	8°14	17°45	11°48	24°51	8° 4	6°42	28° 8	14°47	S 23
S 24	18 9 36	2°49'45	25°47	11°11	24°16	17°34	24°48	8°21	17°43	11°46	24°53	7°55	6°39	28°15	14°43	S 24
M25	18 13 33	3°47'01	9♌ 3	11°55	25°25	18° 6	24°57	8°27	17°40	11°45	24°54	7°46	6°35	28°22	14°40	M25
T 26	18 17 29	4°44'18	22°32	12°42	26°34	18°38	25° 6	8°34	17°38	11°43	24°56	7°38	6°32	28°28	14°36	T 26
W27	18 21 26	5°41'33	6♍11	13°34	27°44	19° 9	25°15	8°41	17°36	11°42	24°57	7°32	6°29	28°35	14°32	W27
T 28	18 25 22	6°38'48	20° 0	14°30	28°53	19°42	25°24	8°48	17°33	11°40	24°58	7°29	6°26	28°42	14°28	T 28
F 29	18 29 19	7°36'02	3♎59	15°31	0♊ 3	20°14	25°32	8°55	17°31	11°38	25° 0	7°D28	6°23	28°48	14°24	F 29
S 30	18 33 15	8♋33'15	18♎ 5	16♊35	1♊13	20♍46	25♈41	9♌ 2	17♐29	11♑37	25♊ 1	7♉28	6♉20	28♈55	14♑21	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n 3	6n 6	3n45	20n34	1s49	8n46	2s10	10n26	1n19	7n 1	1s 9	19n24	0n39	22s59	0s 3	21s53	0n58	15n19	8s 0	14n29	14n 7	8n55	15s23	7n 8
S 2	22 11	0s28	2 44	20 13	2 6	9 9	2 11	10 15	1 17	7 5	1 10	19 23	0 39	22 59	0 3	21 54	0 58	15 19	7 59	14 30	14 6	8 58	15 22	7 9
S 3	22 19	7 9	1 32	19 53	2 22	9 31	2 12	10 3	1 16	7 10	1 10	19 21	0 39	22 59	0 3	21 54	0 58	15 19	7 59	14 30	14 5	9 1	15 22	7 9
M 4	22 26	13 32	0 13	19 33	2 38	9 54	2 13	9 52	1 15	7 14	1 10	19 20	0 39	22 59	0 3	21 54	0 58	15 19	7 59	14 30	14 4	9 5	15 22	7 9
T 5	22 32	19 12	1s 7	19 14	2 52	10 16	2 13	9 40	1 13	7 18	1 10	19 19	0 39	22 58	0 3	21 54	0 58	15 19	7 59	14 30	14 3	9 8	15 22	7 10
W 6	22 39	23 40	2 23	18 56	3 6	10 38	2 14	9 28	1 12	7 22	1 10	19 17	0 40	22 58	0 3	21 54	0 58	15 20	7 59	14 29	14 2	9 11	15 22	7 10
T 7	22 45	26 34	3 28	18 39	3 19	11 0	2 14	9 16	1 11	7 26	1 10	19 16	0 40	22 58	0 3	21 54	0 58	15 20	7 59	14 28	14 1	9 14	15 22	7 11
F 8	22 50	27 38	4 19	18 24	3 30	11 22	2 15	9 4	1 9	7 30	1 11	19 14	0 40	22 58	0 3	21 54	0 58	15 20	7 59	14 26	14 0	9 17	15 22	7 11
S 9	22 55	26 52	4 53	18 10	3 40	11 44	2 15	8 52	1 8	7 34	1 11	19 13	0 40	22 58	0 3	21 54	0 58	15 20	7 59	14 24	13 59	9 21	15 22	7 11
S 10	23 0	24 30	5 9	17 58	3 49	12 6	2 15	8 40	1 7	7 38	1 11	19 11	0 40	22 57	0 3	21 55	0 58	15 20	7 59	14 23	13 58	9 24	15 22	7 12
M11	23 4	20 52	5 7	17 48	3 57	12 27	2 16	8 28	1 6	7 42	1 11	19 10	0 40	22 57	0 3	21 55	0 58	15 20	7 59	14 21	13 57	9 27	15 22	7 12
T 12	23 8	16 22	4 51	17 39	4 4	12 49	2 16	8 15	1 4	7 45	1 11	19 8	0 40	22 57	0 3	21 55	0 58	15 20	7 59	14 20	13 56	9 30	15 22	7 12
W13	23 12	11 17	4 21	17 33	4 9	13 10	2 15	8 3	1 3	7 49	1 11	19 7	0 40	22 57	0 3	21 55	0 58	15 20	7 59	14 19	13 55	9 33	15 22	7 13
T 14	23 15	5 54	3 39	17 28	4 13	13 31	2 15	7 50	1 2	7 53	1 12	19 5	0 40	22 57	0 3	21 55	0 58	15 20	7 59	14 19	13 54	9 37	15 22	7 13
F 15	23 18	0 23	2 49	17 25	4 15	13 51	2 15	7 38	1 1	7 56	1 12	19 4	0 40	22 56	0 3	21 55	0 58	15 21	7 59	14 19	13 53	9 40	15 22	7 13
S 16	23 20	5n 5	1 52	17 24	4 17	14 12	2 15	7 25	1 0	8 0	1 12	19 2	0 40	22 56	0 3	21 55	0 58	15 21	7 59	14 19	13 52	9 43	15 22	7 13
S 17	23 22	10 23	0 50	17 26	4 17	14 32	2 14	7 12	0 58	8 4	1 12	19 0	0 40	22 56	0 3	21 55	0 58	15 21	7 59	14 20	13 51	9 46	15 23	7 14
M18	23 23	15 20	0n13	17 28	4 16	14 52	2 14	6 59	0 57	8 7	1 12	18 59	0 40	22 56	0 3	21 56	0 58	15 21	7 58	14 20	13 50	9 49	15 23	7 14
T 19	23 24	19 44	1 17	17 33	4 14	15 11	2 13	6 47	0 56	8 11	1 12	18 57	0 40	22 55	0 3	21 56	0 58	15 21	7 58	14 19	13 49	9 53	15 23	7 14
W20	23 25	23 23	2 18	17 39	4 11	15 31	2 12	6 34	0 55	8 14	1 13	18 56	0 40	22 55	0 3	21 56	0 58	15 21	7 58	14 18	13 48	9 56	15 23	7 15
T 21	23 25	26 2	3 14	17 47	4 7	15 50	2 11	6 20	0 54	8 18	1 13	18 54	0 40	22 55	0 3	21 56	0 58	15 21	7 58	14 16	13 47	9 59	15 23	7 15
F 22	23 25	27 26	4 1	17 56	4 2	16 8	2 10	6 7	0 53	8 21	1 13	18 52	0 40	22 55	0 3	21 56	0 58	15 21	7 58	14 14	13 45	10 2	15 23	7 15
S 23	23 24	27 24	4 36	18 7	3 56	16 27	2 9	5 54	0 51	8 24	1 13	18 50	0 40	22 55	0 3	21 56	0 58	15 21	7 58	14 11	13 44	10 5	15 23	7 15
S 24	23 23	25 52	4 59	18 19	3 49	16 45	2 8	5 41	0 50	8 27	1 13	18 49	0 40	22 54	0 3	21 56	0 58	15 21	7 58	14 8	13 43	10 8	15 24	7 15
M25	23 22	22 53	5 5	18 32	3 42	17 3	2 7	5 27	0 49	8 31	1 14	18 47	0 40	22 54	0 3	21 57	0 58	15 21	7 58	14 5	13 42	10 12	15 24	7 16
T 26	23 20	18 38	4 55	18 46	3 34	17 20	2 6	5 14	0 48	8 34	1 14	18 45	0 40	22 54	0 3	21 57	0 58	15 21	7 58	14 3	13 41	10 15	15 24	7 16
W27	23 18	13 23	4 28	19 1	3 25	17 37	2 5	5 0	0 47	8 37	1 14	18 44	0 40	22 54	0 3	21 57	0 58	15 22	7 58	14 1	13 40	10 18	15 24	7 16
T 28	23 15	7 25	3 46	19 17	3 16	17 54	2 3	4 47	0 46	8 40	1 14	18 42	0 40	22 54	0 3	21 57	0 58	15 22	7 58	14 0	13 39	10 21	15 25	7 16
F 29	23 12	1 1	2 49	19 33	3 6	18 10	2 2	4 33	0 45	8 43	1 14	18 40	0 40	22 53	0 3	21 57	0 58	15 22	7 58	14 0	13 38	10 24	15 25	7 16
S 30	23n 9	5s31	1n42	19n50	2s56	18n26	2s 0	4n20	0n44	8n46	1s15	18n38	0n41	22s53	0s 3	21s57	0n58	15n22	7s58	14n 0	13n37	10n28	15s25	7n16

Julian Day Number = 2507578.5, Delta T = 124.03 sec
Ecliptic obliquity = 23°25'16, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°53'02, Lahiri = 26°00'03

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2153
geocentric

JULY 2153 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 37 12	9♋30'28	2♏18	17♊42	2♊23	21♍18	25♈49	9♌ 9	17°R27	11°R35	25♊ 2	7°R29	6♉16	29♈ 2	14°R17	S 1
M 2	18 41 8	10°27'41	16°37	18°54	3°32	21°51	25°58	9°16	17♐24	11♑34	25° 4	7♉29	6°13	29° 8	14♑13	M 2
T 3	18 45 5	11°24'53	0♐59	20°10	4°42	22°24	26° 6	9°23	17°22	11°32	25° 5	7°27	6°10	29°15	14° 9	T 3
W 4	18 49 2	12°22'05	15°21	21°29	5°52	22°57	26°14	9°30	17°20	11°30	25° 7	7°22	6° 7	29°22	14° 5	W 4
T 5	18 52 58	13°19'17	29°37	22°53	7° 2	23°30	26°22	9°38	17°18	11°29	25° 8	7°15	6° 4	29°28	14° 1	T 5
F 6	18 56 55	14°16'28	13♑42	24°19	8°13	24° 3	26°30	9°45	17°16	11°27	25° 9	7° 6	6° 1	29°35	13°58	F 6
S 7	19 0 51	15°13'40	27°31	25°50	9°23	24°36	26°37	9°52	17°14	11°25	25°11	6°55	5°57	29°41	13°54	S 7
S 8	19 4 48	16°10'51	11♒ 1	27°24	10°33	25° 9	26°45	9°59	17°12	11°24	25°12	6°45	5°54	29°48	13°50	S 8
M 9	19 8 44	17° 8'03	24°10	29° 2	11°43	25°43	26°52	10° 7	17°10	11°22	25°13	6°35	5°51	29°55	13°46	M 9
T 10	19 12 41	18° 5'15	6♓57	0♋43	12°54	26°16	26°59	10°14	17° 8	11°21	25°15	6°26	5°48	0♉ 1	13°42	T 10
W11	19 16 38	19° 2'27	19°24	2°27	14° 4	26°50	27° 6	10°21	17° 6	11°19	25°16	6°21	5°45	0° 8	13°38	W11
T 12	19 20 34	19°59'39	1♈34	4°14	15°15	27°24	27°13	10°29	17° 4	11°17	25°17	6°17	5°41	0°15	13°35	T 12
F 13	19 24 31	20°56'52	13°32	6° 5	16°25	27°58	27°20	10°36	17° 2	11°16	25°18	6°16	5°38	0°21	13°31	F 13
S 14	19 28 27	21°54'05	25°22	7°58	17°36	28°32	27°27	10°44	17° 0	11°14	25°20	6°D15	5°35	0°28	13°27	S 14
S 15	19 32 24	22°51'19	7♉10	9°54	18°47	29° 6	27°33	10°51	16°58	11°13	25°21	6°R16	5°32	0°35	13°23	S 15
M16	19 36 20	23°48'33	19° 2	11°53	19°57	29°41	27°39	10°59	16°56	11°11	25°22	6°15	5°29	0°41	13°20	M16
T 17	19 40 17	24°45'48	1♊ 3	13°54	21° 8	0♎15	27°46	11° 6	16°54	11° 9	25°24	6°13	5°26	0°48	13°16	T 17
W18	19 44 13	25°43'03	13°16	15°57	22°19	0°50	27°52	11°14	16°53	11° 8	25°25	6° 8	5°22	0°55	13°12	W18
T 19	19 48 10	26°40'19	25°46	18° 1	23°30	1°24	27°57	11°21	16°51	11° 6	25°26	6° 1	5°19	1° 1	13° 9	T 19
F 20	19 52 7	27°37'35	8♋34	20° 7	24°41	1°59	28° 3	11°29	16°49	11° 5	25°27	5°51	5°16	1° 8	13° 5	F 20
S 21	19 56 3	28°34'52	21°41	22°14	25°52	2°34	28° 8	11°36	16°48	11° 3	25°29	5°40	5°13	1°15	13° 1	S 21
S 22	20 0 0	29°32'09	5♌ 6	24°21	27° 3	3° 9	28°14	11°44	16°46	11° 2	25°30	5°27	5°10	1°21	12°58	S 22
M23	20 3 56	0♌29'27	18°47	26°29	28°15	3°44	28°19	11°52	16°44	11° 0	25°31	5°16	5° 7	1°28	12°54	M23
T 24	20 7 53	1°26'45	2♍40	28°37	29°26	4°19	28°24	11°59	16°43	10°59	25°32	5° 5	5° 3	1°34	12°51	T 24
W25	20 11 49	2°24'04	16°41	0♌45	0♋37	4°55	28°29	12° 7	16°41	10°57	25°33	4°58	5° 0	1°41	12°47	W25
T 26	20 15 46	3°21'22	0♎47	2°53	1°49	5°30	28°33	12°15	16°40	10°56	25°34	4°53	4°57	1°48	12°44	T 26
F 27	20 19 42	4°18'41	14°56	5° 0	3° 0	6° 6	28°38	12°22	16°39	10°54	25°36	4°50	4°54	1°54	12°40	F 27
S 28	20 23 39	5°16'01	29° 4	7° 6	4°12	6°41	28°42	12°30	16°37	10°53	25°37	4°50	4°51	2° 1	12°37	S 28
S 29	20 27 36	6°13'20	13♏11	9°11	5°23	7°17	28°46	12°38	16°36	10°51	25°38	4°50	4°47	2° 8	12°33	S 29
M30	20 31 32	7°10'41	27°16	11°14	6°35	7°53	28°50	12°45	16°35	10°50	25°39	4°49	4°44	2°14	12°30	M30
T 31	20 35 29	8♌ 8'01	11♐19	13♌17	7♋46	8♎29	28♈53	12♌53	16♐33	10♑49	25♊40	4♉46	4♉41	2♉21	12♑27	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n 5	11s50	0n28	20n 7	2s45	18n41	1s58	4n 6	0n43	8n49	1s15	18n36	0n41	22s53	0s 3	21s57	0n58	15n22	7s58	14n 0	13n36	10n31	15s25	7n16
M 2	23 1	17 34	0s49	20 24	2 34	18 56	1 57	3 52	0 42	8 51	1 15	18 34	0 41	22 53	0 3	21 58	0 58	15 22	7 58	14 0	13 35	10 34	15 26	7 17
T 3	22 56	22 20	2 2	20 42	2 22	19 11	1 55	3 38	0 41	8 54	1 15	18 33	0 41	22 53	0 3	21 58	0 58	15 22	7 58	13 59	13 34	10 37	15 26	7 17
W 4	22 51	25 43	3 7	20 59	2 10	19 25	1 53	3 24	0 39	8 57	1 15	18 31	0 41	22 52	0 3	21 58	0 58	15 22	7 58	13 58	13 33	10 40	15 26	7 17
T 5	22 45	27 26	4 0	21 16	1 58	19 38	1 51	3 10	0 38	9 0	1 16	18 29	0 41	22 52	0 3	21 58	0 58	15 22	7 58	13 55	13 32	10 43	15 27	7 17
F 6	22 39	27 20	4 38	21 32	1 46	19 52	1 49	2 56	0 37	9 2	1 16	18 27	0 41	22 52	0 3	21 58	0 58	15 22	7 58	13 52	13 31	10 47	15 27	7 17
S 7	22 33	25 31	4 59	21 48	1 33	20 4	1 47	2 42	0 36	9 5	1 16	18 25	0 41	22 52	0 3	21 58	0 58	15 22	7 58	13 49	13 30	10 50	15 27	7 17
S 8	22 26	22 17	5 2	22 3	1 20	20 17	1 45	2 28	0 35	9 7	1 16	18 23	0 41	22 52	0 3	21 59	0 58	15 22	7 58	13 45	13 29	10 53	15 28	7 17
M 9	22 19	17 59	4 49	22 17	1 8	20 28	1 43	2 14	0 34	9 10	1 17	18 21	0 41	22 51	0 3	21 59	0 58	15 22	7 58	13 42	13 28	10 56	15 28	7 17
T 10	22 12	13 0	4 21	22 30	0 55	20 40	1 41	1 59	0 33	9 12	1 17	18 19	0 41	22 51	0 3	21 59	0 58	15 22	7 58	13 39	13 27	10 59	15 28	7 17
W11	22 4	7 36	3 42	22 41	0 42	20 50	1 39	1 45	0 32	9 14	1 17	18 17	0 41	22 51	0 3	21 59	0 58	15 22	7 58	13 37	13 26	11 2	15 29	7 17
T 12	21 56	2 2	2 53	22 51	0 30	21 1	1 36	1 31	0 31	9 17	1 17	18 16	0 41	22 51	0 3	21 59	0 58	15 22	7 58	13 36	13 25	11 5	15 29	7 17
F 13	21 47	3n32	1 58	22 59	0 18	21 10	1 34	1 16	0 30	9 19	1 17	18 14	0 41	22 51	0 3	21 59	0 58	15 22	7 58	13 36	13 23	11 9	15 29	7 17
S 14	21 39	8 55	0 58	23 5	0 6	21 19	1 32	1 2	0 29	9 21	1 18	18 12	0 41	22 51	0 3	21 59	0 58	15 22	7 58	13 36	13 22	11 12	15 30	7 17
S 15	21 29	13 58	0n 5	23 9	0n 6	21 28	1 29	0 47	0 28	9 23	1 18	18 10	0 41	22 50	0 3	22 0	0 58	15 22	7 58	13 36	13 21	11 15	15 30	7 17
M16	21 20	18 33	1 7	23 11	0 17	21 36	1 27	0 33	0 28	9 25	1 18	18 8	0 41	22 50	0 3	22 0	0 58	15 22	7 59	13 36	13 20	11 18	15 31	7 17
T 17	21 9	22 26	2 7	23 10	0 28	21 43	1 24	0 18	0 27	9 27	1 18	18 6	0 41	22 50	0 3	22 0	0 58	15 22	7 59	13 35	13 19	11 21	15 31	7 17
W18	20 59	25 24	3 3	23 6	0 38	21 50	1 22	0 4	0 26	9 29	1 19	18 4	0 42	22 50	0 3	22 0	0 58	15 22	7 59	13 33	13 18	11 24	15 32	7 17
T 19	20 48	27 11	3 50	23 0	0 48	21 57	1 19	0s11	0 25	9 31	1 19	18 2	0 42	22 50	0 3	22 0	0 57	15 22	7 59	13 31	13 17	11 27	15 32	7 16
F 20	20 37	27 36	4 28	22 51	0 57	22 2	1 16	0 26	0 24	9 32	1 19	18 0	0 42	22 50	0 3	22 0	0 57	15 22	7 59	13 28	13 16	11 31	15 32	7 16
S 21	20 26	26 29	4 52	22 40	1 5	22 8	1 14	0 40	0 23	9 34	1 19	17 58	0 42	22 49	0 3	22 0	0 57	15 22	7 59	13 24	13 15	11 34	15 33	7 16
S 22	20 14	23 50	5 0	22 26	1 13	22 12	1 11	0 55	0 22	9 36	1 20	17 55	0 42	22 49	0 3	22 1	0 57	15 22	7 59	13 20	13 14	11 37	15 33	7 16
M23	20 2	19 49	4 52	22 9	1 20	22 16	1 8	1 10	0 21	9 37	1 20	17 53	0 42	22 49	0 3	22 1	0 57	15 22	7 59	13 16	13 13	11 40	15 34	7 16
T 24	19 49	14 40	4 27	21 49	1 26	22 20	1 6	1 25	0 20	9 39	1 20	17 51	0 42	22 49	0 3	22 1	0 57	15 22	7 59	13 13	13 12	11 43	15 34	7 16
W25	19 37	8 43	3 45	21 27	1 31	22 22	1 3	1 39	0 19	9 40	1 20	17 49	0 42	22 49	0 4	22 1	0 57	15 22	7 59	13 10	13 11	11 46	15 35	7 16
T 26	19 23	2 17	2 50	21 3	1 36	22 24	1 0	1 54	0 18	9 42	1 21	17 47	0 42	22 49	0 4	22 1	0 57	15 22	7 59	13 8	13 10	11 49	15 35	7 15
F 27	19 10	4s17	1 43	20 37	1 39	22 26	0 57	2 9	0 17	9 43	1 21	17 45	0 42	22 49	0 4	22 1	0 57	15 22	7 59	13 8	13 9	11 52	15 36	7 15
S 28	18 56	10 40	0 30	20 8	1 42	22 27	0 55	2 24	0 16	9 44	1 21	17 43	0 42	22 48	0 4	22 1	0 57	15 22	7 59	13 7	13 8	11 56	15 36	7 15
S 29	18 42	16 29	0s44	19 38	1 44	22 27	0 52	2 39	0 16	9 46	1 21	17 41	0 42	22 48	0 4	22 2	0 57	15 22	7 59	13 7	13 7	11 59	15 37	7 15
M30	18 28	21 25	1 56	19 5	1 46	22 27	0 49	2 54	0 15	9 47	1 22	17 39	0 42	22 48	0 4	22 2	0 57	15 22	7 59	13 7	13 5	12 2	15 37	7 15
T 31	18n13	25s 5	3s 0	18n31	1n47	22n26	0s46	3s 9	0n14	9n48	1s22	17n37	0n42	22s48	0s 4	22s 2	0n57	15n22	7s59	13n 6	13n 4	12n 5	15s38	7n14

Julian Day Number = 2507608.5, Delta T = 124.09 sec
Ecliptic obliquity = 23°25'16, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°53'07, Lahiri = 26°00'07

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2153
geocentric

AUGUST 2153 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 39 25	9♌ 5'22	25♐16	15♌18	8♋58	9♎ 5	28♈57	13♌ 1	16°R32	10°R47	25♊41	4°R41	4♉38	2♉28	12°R24	W 1
T 2	20 43 22	10° 2'44	9♑ 7	17°18	10°10	9°41	29° 0	13° 8	16♐31	10♑46	25°42	4♉33	4°35	2°34	12♑20	T 2
F 3	20 47 18	11° 0'07	22°47	19°16	11°22	10°17	29° 4	13°16	16°30	10°45	25°43	4°23	4°32	2°41	12°17	F 3
S 4	20 51 15	11°57'30	6♒15	21°13	12°33	10°54	29° 6	13°24	16°29	10°43	25°44	4°11	4°28	2°48	12°14	S 4
S 5	20 55 11	12°54'53	19°28	23° 8	13°45	11°30	29° 9	13°32	16°28	10°42	25°45	3°58	4°25	2°54	12°11	S 5
M 6	20 59 8	13°52'18	2♓24	25° 2	14°57	12° 7	29°12	13°39	16°27	10°41	25°46	3°47	4°22	3° 1	12° 8	M 6
T 7	21 3 5	14°49'44	15° 2	26°54	16° 9	12°43	29°14	13°47	16°26	10°39	25°47	3°37	4°19	3° 7	12° 5	T 7
W 8	21 7 1	15°47'11	27°23	28°45	17°21	13°20	29°16	13°55	16°25	10°38	25°48	3°30	4°16	3°14	12° 3	W 8
T 9	21 10 58	16°44'39	9♈30	0♍34	18°34	13°57	29°19	14° 2	16°24	10°37	25°49	3°26	4°13	3°21	12° 0	T 9
F 10	21 14 54	17°42'08	21°26	2°21	19°46	14°34	29°20	14°10	16°24	10°36	25°50	3°23	4° 9	3°27	11°57	F 10
S 11	21 18 51	18°39'38	3♉16	4° 7	20°58	15°11	29°22	14°18	16°23	10°34	25°51	3°D23	4° 6	3°34	11°54	S 11
S 12	21 22 47	19°37'10	15° 4	5°51	22°10	15°48	29°23	14°26	16°22	10°33	25°52	3°R23	4° 3	3°41	11°52	S 12
M13	21 26 44	20°34'43	26°56	7°33	23°23	16°25	29°25	14°33	16°21	10°32	25°53	3°23	4° 0	3°47	11°49	M13
T 14	21 30 40	21°32'18	8♊58	9°15	24°35	17° 2	29°26	14°41	16°21	10°31	25°54	3°21	3°57	3°54	11°47	T 14
W15	21 34 37	22°29'54	21°14	10°54	25°48	17°40	29°27	14°49	16°20	10°30	25°55	3°18	3°53	4° 1	11°44	W15
T 16	21 38 34	23°27'31	3♋49	12°32	27° 0	18°17	29°27	14°56	16°20	10°29	25°56	3°12	3°50	4° 7	11°42	T 16
F 17	21 42 30	24°25'10	16°46	14° 9	28°13	18°55	29°28	15° 4	16°19	10°28	25°56	3° 4	3°47	4°14	11°39	F 17
S 18	21 46 27	25°22'50	0♌ 6	15°44	29°25	19°32	29°28	15°12	16°19	10°27	25°57	2°54	3°44	4°21	11°37	S 18
S 19	21 50 23	26°20'32	13°49	17°17	0♌38	20°10	29°R28	15°19	16°19	10°26	25°58	2°44	3°41	4°27	11°35	S 19
M20	21 54 20	27°18'15	27°51	18°49	1°51	20°48	29°28	15°27	16°18	10°25	25°59	2°33	3°38	4°34	11°33	M20
T 21	21 58 16	28°15'59	12♍ 9	20°20	3° 4	21°26	29°28	15°35	16°18	10°24	26° 0	2°24	3°34	4°41	11°31	T 21
W22	22 2 13	29°13'44	26°35	21°49	4°16	22° 4	29°27	15°42	16°18	10°23	26° 0	2°18	3°31	4°47	11°29	W22
T 23	22 6 9	0♍11'31	11♎ 5	23°17	5°29	22°42	29°26	15°50	16°18	10°22	26° 1	2°14	3°28	4°54	11°27	T 23
F 24	22 10 6	1° 9'18	25°33	24°42	6°42	23°20	29°25	15°57	16°18	10°21	26° 2	2°D12	3°25	5° 0	11°25	F 24
S 25	22 14 3	2° 7'07	9♏55	26° 7	7°55	23°59	29°24	16° 5	16°D18	10°20	26° 2	2°12	3°22	5° 7	11°23	S 25
S 26	22 17 59	3° 4'57	24° 7	27°30	9° 8	24°37	29°23	16°12	16°18	10°19	26° 3	2°13	3°18	5°14	11°22	S 26
M27	22 21 56	4° 2'49	8♐10	28°51	10°21	25°16	29°21	16°20	16°18	10°18	26° 4	2°R13	3°15	5°20	11°20	M27
T 28	22 25 52	5° 0'41	22° 1	0♎10	11°34	25°54	29°19	16°27	16°18	10°18	26° 4	2°11	3°12	5°27	11°19	T 28
W29	22 29 49	5°58'35	5♑42	1°28	12°48	26°33	29°18	16°35	16°18	10°17	26° 5	2° 8	3° 9	5°34	11°17	W29
T 30	22 33 45	6°56'30	19°11	2°44	14° 1	27°12	29°15	16°42	16°18	10°16	26° 5	2° 2	3° 6	5°40	11°16	T 30
F 31	22 37 42	7♍54'26	2♒28	3♎59	15♌14	27♎50	29♈13	16♌50	16♐19	10♑16	26♊ 6	1♉55	3♉ 3	5♉47	11♑14	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17n58	27s13	3s53	17n56	1n47	22n24	0s43	3s24	0n13	9n49	1s22	17n35	0n43	22s48	0s 4	22s 2	0n57	15n22	7s59	13n 4	13n 3	12n 8	15s38	7n14
T 2	17 43	27 38	4 32	17 19	1 46	22 22	0 40	3 39	0 12	9 50	1 22	17 32	0 43	22 48	0 4	22 2	0 57	15 22	7 59	13 2	13 2	12 11	15 39	7 14
F 3	17 27	26 20	4 55	16 41	1 45	22 19	0 37	3 54	0 11	9 51	1 23	17 30	0 43	22 48	0 4	22 2	0 57	15 22	8 0	12 58	13 1	12 14	15 39	7 14
S 4	17 12	23 32	5 0	16 3	1 43	22 16	0 34	4 9	0 10	9 51	1 23	17 28	0 43	22 48	0 4	22 2	0 57	15 22	8 0	12 54	13 0	12 17	15 40	7 13
S 5	16 55	19 33	4 50	15 23	1 41	22 11	0 31	4 24	0 10	9 52	1 23	17 26	0 43	22 48	0 4	22 3	0 57	15 22	8 0	12 50	12 59	12 20	15 41	7 13
M 6	16 39	14 43	4 24	14 42	1 38	22 7	0 29	4 39	0 9	9 53	1 23	17 24	0 43	22 48	0 4	22 3	0 57	15 22	8 0	12 46	12 58	12 24	15 41	7 13
T 7	16 22	9 22	3 47	14 1	1 34	22 1	0 26	4 54	0 8	9 54	1 24	17 22	0 43	22 47	0 4	22 3	0 57	15 22	8 0	12 43	12 57	12 27	15 42	7 12
W 8	16 6	3 46	2 59	13 19	1 30	21 55	0 23	5 9	0 7	9 54	1 24	17 20	0 43	22 47	0 4	22 3	0 57	15 22	8 0	12 40	12 56	12 30	15 42	7 12
T 9	15 48	1n53	2 3	12 36	1 26	21 49	0 20	5 24	0 6	9 55	1 24	17 17	0 43	22 47	0 4	22 3	0 57	15 21	8 0	12 39	12 55	12 33	15 43	7 12
F 10	15 31	7 23	1 3	11 53	1 21	21 41	0 17	5 39	0 5	9 55	1 24	17 15	0 43	22 47	0 4	22 3	0 57	15 21	8 0	12 38	12 54	12 36	15 43	7 11
S 11	15 13	12 35	0 1	11 10	1 16	21 33	0 14	5 54	0 5	9 55	1 25	17 13	0 43	22 47	0 4	22 3	0 57	15 21	8 0	12 38	12 53	12 39	15 44	7 11
S 12	14 55	17 20	1n 2	10 27	1 10	21 25	0 11	6 9	0 4	9 56	1 25	17 11	0 43	22 47	0 4	22 3	0 57	15 21	8 0	12 38	12 52	12 42	15 44	7 11
M13	14 37	21 26	2 2	9 43	1 4	21 16	0 8	6 24	0 3	9 56	1 25	17 9	0 43	22 47	0 4	22 4	0 57	15 21	8 0	12 38	12 50	12 45	15 45	7 10
T 14	14 19	24 42	2 57	8 59	0 58	21 6	0 5	6 39	0 2	9 56	1 25	17 7	0 44	22 47	0 4	22 4	0 57	15 21	8 1	12 37	12 49	12 48	15 46	7 10
W15	14 0	26 53	3 46	8 16	0 51	20 56	0 3	6 54	0 1	9 56	1 26	17 5	0 44	22 47	0 4	22 4	0 57	15 21	8 1	12 36	12 48	12 51	15 46	7 10
T 16	13 41	27 46	4 25	7 32	0 44	20 45	0n 0	7 9	0 0	9 56	1 26	17 2	0 44	22 47	0 4	22 4	0 57	15 21	8 1	12 34	12 47	12 54	15 47	7 9
F 17	13 22	27 11	4 51	6 48	0 37	20 33	0 3	7 24	0s 0	9 56	1 26	17 0	0 44	22 47	0 4	22 4	0 57	15 21	8 1	12 32	12 46	12 58	15 47	7 9
S 18	13 3	25 2	5 3	6 4	0 29	20 21	0 6	7 39	0 1	9 56	1 26	16 58	0 44	22 47	0 4	22 4	0 57	15 21	8 1	12 28	12 45	13 1	15 48	7 8
S 19	12 44	21 25	4 57	5 21	0 22	20 8	0 9	7 54	0 2	9 55	1 27	16 56	0 44	22 47	0 4	22 4	0 57	15 21	8 1	12 25	12 44	13 4	15 48	7 8
M20	12 24	16 30	4 34	4 38	0 14	19 55	0 11	8 9	0 3	9 55	1 27	16 54	0 44	22 47	0 4	22 4	0 57	15 21	8 1	12 21	12 43	13 7	15 49	7 8
T 21	12 4	10 36	3 54	3 55	0 6	19 41	0 14	8 24	0 3	9 55	1 27	16 52	0 44	22 47	0 4	22 4	0 57	15 21	8 1	12 18	12 42	13 10	15 50	7 7
W22	11 44	4 5	2 58	3 12	0s 3	19 27	0 17	8 39	0 4	9 54	1 27	16 49	0 44	22 47	0 4	22 5	0 57	15 20	8 1	12 16	12 41	13 13	15 50	7 7
T 23	11 24	2s42	1 50	2 30	0 11	19 12	0 19	8 54	0 5	9 54	1 28	16 47	0 44	22 47	0 4	22 5	0 57	15 20	8 2	12 14	12 40	13 16	15 51	7 6
F 24	11 3	9 19	0 35	1 48	0 20	18 56	0 22	9 9	0 6	9 53	1 28	16 45	0 45	22 47	0 4	22 5	0 57	15 20	8 2	12 14	12 39	13 19	15 51	7 6
S 25	10 43	15 26	0s41	1 6	0 28	18 40	0 25	9 24	0 6	9 53	1 28	16 43	0 45	22 47	0 4	22 5	0 56	15 20	8 2	12 14	12 38	13 22	15 52	7 6
S 26	10 22	20 38	1 55	0 26	0 37	18 24	0 27	9 39	0 7	9 52	1 28	16 41	0 45	22 47	0 4	22 5	0 56	15 20	8 2	12 14	12 36	13 25	15 53	7 5
M27	10 1	24 37	3 0	0s15	0 46	18 7	0 30	9 53	0 8	9 51	1 29	16 39	0 45	22 47	0 4	22 5	0 56	15 20	8 2	12 14	12 35	13 28	15 53	7 5
T 28	9 40	27 5	3 54	0 55	0 55	17 49	0 32	10 8	0 9	9 50	1 29	16 36	0 45	22 47	0 4	22 5	0 56	15 20	8 2	12 14	12 34	13 31	15 54	7 4
W29	9 19	27 52	4 34	1 34	1 4	17 31	0 35	10 23	0 9	9 50	1 29	16 34	0 45	22 47	0 4	22 5	0 56	15 20	8 2	12 12	12 33	13 34	15 54	7 4
T 30	8 57	26 58	4 58	2 13	1 14	17 12	0 37	10 37	0 10	9 49	1 29	16 32	0 45	22 47	0 4	22 5	0 56	15 20	8 2	12 10	12 32	13 37	15 55	7 3
F 31	8n36	24s33	5s 6	2s51	1s23	16n53	0n39	10s52	0s11	9n48	1s30	16n30	0n45	22s47	0s 4	22s 5	0n56	15n20	8s 2	12n 8	12n31	13n40	15s55	7n 3

Julian Day Number = 2507639.5, Delta T = 124.15 sec
Ecliptic obliquity = 23°25'17, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°53'11, Lahiri = 26°00'11

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2153
geocentric

SEPTEMBER 2153 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 41 38	8♍52'24	15♒33	5♎11	16♌27	28♎29	29°R11	16♌57	16♐19	10°R15	26♊ 7	1°R46	2♉59	5♉54	11°R13	S 1
S 2	22 45 35	9°50'23	28°24	6°21	17°41	29° 8	29♈ 8	17° 4	16°19	10♑14	26° 7	1♉36	2°56	6° 0	11♑12	S 2
M 3	22 49 32	10°48'23	11♓ 2	7°30	18°54	29°47	29° 5	17°12	16°20	10°14	26° 8	1°28	2°53	6° 7	11°11	M 3
T 4	22 53 28	11°46'25	23°26	8°36	20° 8	0♏26	29° 2	17°19	16°20	10°13	26° 8	1°21	2°50	6°14	11°10	T 4
W 5	22 57 25	12°44'29	5♈38	9°40	21°21	1° 6	28°59	17°26	16°21	10°13	26° 9	1°15	2°47	6°20	11° 9	W 5
T 6	23 1 21	13°42'35	17°39	10°42	22°35	1°45	28°55	17°33	16°21	10°12	26° 9	1°12	2°44	6°27	11° 8	T 6
F 7	23 5 18	14°40'42	29°32	11°41	23°48	2°24	28°51	17°41	16°22	10°12	26° 9	1°D11	2°40	6°33	11° 7	F 7
S 8	23 9 14	15°38'51	11♉20	12°37	25° 2	3° 4	28°48	17°48	16°23	10°11	26°10	1°12	2°37	6°40	11° 7	S 8
S 9	23 13 11	16°37'03	23° 7	13°31	26°15	3°43	28°44	17°55	16°23	10°11	26°10	1°13	2°34	6°47	11° 6	S 9
M10	23 17 7	17°35'16	4♊59	14°21	27°29	4°23	28°39	18° 2	16°24	10°10	26°11	1°14	2°31	6°53	11° 6	M10
T 11	23 21 4	18°33'31	17° 0	15° 9	28°43	5° 3	28°35	18° 9	16°25	10°10	26°11	1°R15	2°28	7° 0	11° 5	T 11
W12	23 25 1	19°31'49	29°15	15°53	29°57	5°43	28°30	18°16	16°26	10°10	26°11	1°15	2°24	7° 7	11° 5	W12
T 13	23 28 57	20°30'08	11♋49	16°33	1♍11	6°22	28°26	18°23	16°27	10° 9	26°11	1°12	2°21	7°13	11° 5	T 13
F 14	23 32 54	21°28'30	24°46	17° 9	2°25	7° 2	28°21	18°30	16°28	10° 9	26°12	1° 9	2°18	7°20	11° 4	F 14
S 15	23 36 50	22°26'53	8♌10	17°41	3°39	7°42	28°16	18°37	16°29	10° 9	26°12	1° 3	2°15	7°27	11° 4	S 15
S 16	23 40 47	23°25'19	21°59	18° 9	4°52	8°23	28°10	18°44	16°30	10° 9	26°12	0°58	2°12	7°33	11°D 4	S 16
M17	23 44 43	24°23'46	6♍14	18°31	6° 7	9° 3	28° 5	18°50	16°31	10° 8	26°12	0°52	2° 9	7°40	11° 4	M17
T 18	23 48 40	25°22'16	20°48	18°49	7°21	9°43	27°59	18°57	16°32	10° 8	26°13	0°47	2° 5	7°47	11° 5	T 18
W19	23 52 36	26°20'47	5♎36	19° 1	8°35	10°24	27°54	19° 4	16°34	10° 8	26°13	0°43	2° 2	7°53	11° 5	W19
T 20	23 56 33	27°19'20	20°29	19°R 6	9°49	11° 4	27°48	19°11	16°35	10° 8	26°13	0°41	1°59	8° 0	11° 5	T 20
F 21	0 0 29	28°17'55	5♏21	19° 6	11° 3	11°45	27°42	19°17	16°36	10° 8	26°13	0°D41	1°56	8° 6	11° 6	F 21
S 22	0 4 26	29°16'32	20° 3	18°59	12°17	12°25	27°36	19°24	16°38	10°D 8	26°13	0°42	1°53	8°13	11° 6	S 22
S 23	0 8 23	0♎15'10	4♐31	18°45	13°31	13° 6	27°29	19°30	16°39	10° 8	26°13	0°43	1°50	8°20	11° 7	S 23
M24	0 12 19	1°13'50	18°42	18°24	14°46	13°47	27°23	19°37	16°41	10° 8	26°13	0°45	1°46	8°26	11° 7	M24
T 25	0 16 16	2°12'32	2♑35	17°56	16° 0	14°28	27°16	19°43	16°42	10° 8	26°13	0°R45	1°43	8°33	11° 8	T 25
W26	0 20 12	3°11'16	16° 9	17°21	17°14	15° 8	27°10	19°49	16°44	10° 8	26°R13	0°45	1°40	8°40	11° 9	W26
T 27	0 24 9	4°10'01	29°25	16°39	18°29	15°49	27° 3	19°56	16°45	10° 9	26°13	0°43	1°37	8°46	11°10	T 27
F 28	0 28 5	5° 8'48	12♒25	15°50	19°43	16°31	26°56	20° 2	16°47	10° 9	26°13	0°40	1°34	8°53	11°11	F 28
S 29	0 32 2	6° 7'36	25°10	14°55	20°58	17°12	26°49	20° 8	16°49	10° 9	26°13	0°36	1°30	9° 0	11°12	S 29
S 30	0 35 59	7♎ 6'26	7♓43	13♎55	22♍12	17♏53	26♈42	20♌14	16♐51	10♑ 9	26♊13	0♉32	1♉27	9♉ 6	11♑13	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n14	20s53	4s57	3s28	1s32	16n33	0n42	11s 7	0s12	9n46	1s30	16n28	0n45	22s47	0s 4	22s 6	0n56	15n19	8s 3	12n 5	12n30	13n43	15s56	7n 2
S 2	7 52	16 18	4 34	4 4	1 41	16 13	0 44	11 21	0 12	9 45	1 30	16 26	0 45	22 47	0 4	22 6	0 56	15 19	8 3	12 1	12 29	13 46	15 57	7 2
M 3	7 31	11 4	3 57	4 40	1 50	15 53	0 46	11 36	0 13	9 44	1 30	16 24	0 46	22 47	0 4	22 6	0 56	15 19	8 3	11 58	12 28	13 49	15 57	7 1
T 4	7 9	5 30	3 9	5 14	1 59	15 32	0 48	11 50	0 14	9 43	1 30	16 22	0 46	22 47	0 4	22 6	0 56	15 19	8 3	11 56	12 27	13 52	15 58	7 1
W 5	6 46	0n12	2 14	5 48	2 9	15 10	0 51	12 4	0 15	9 41	1 31	16 19	0 46	22 47	0 4	22 6	0 56	15 19	8 3	11 54	12 26	13 55	15 58	7 0
T 6	6 24	5 48	1 13	6 20	2 18	14 49	0 53	12 19	0 15	9 40	1 31	16 17	0 46	22 47	0 4	22 6	0 56	15 19	8 3	11 53	12 25	13 59	15 59	7 0
F 7	6 2	11 10	0 9	6 52	2 26	14 26	0 55	12 33	0 16	9 38	1 31	16 15	0 46	22 47	0 4	22 6	0 56	15 19	8 3	11 53	12 23	14 2	15 59	6 59
S 8	5 39	16 5	0n55	7 22	2 35	14 4	0 57	12 47	0 17	9 37	1 31	16 13	0 46	22 47	0 4	22 6	0 56	15 19	8 3	11 53	12 22	14 5	16 0	6 59
S 9	5 17	20 25	1 56	7 51	2 44	13 40	0 59	13 1	0 17	9 35	1 31	16 11	0 46	22 47	0 4	22 6	0 56	15 19	8 4	11 53	12 21	14 8	16 1	6 58
M10	4 54	23 57	2 53	8 18	2 52	13 17	1 1	13 15	0 18	9 34	1 32	16 9	0 46	22 47	0 4	22 6	0 56	15 18	8 4	11 54	12 20	14 11	16 1	6 58
T 11	4 31	26 29	3 43	8 44	3 0	12 53	1 2	13 29	0 19	9 32	1 32	16 7	0 47	22 48	0 4	22 6	0 56	15 18	8 4	11 54	12 19	14 14	16 2	6 57
W12	4 9	27 49	4 24	9 8	3 8	12 29	1 4	13 43	0 19	9 30	1 32	16 5	0 47	22 48	0 4	22 6	0 56	15 18	8 4	11 54	12 18	14 17	16 2	6 57
T 13	3 46	27 46	4 53	9 31	3 16	12 4	1 6	13 57	0 20	9 28	1 32	16 3	0 47	22 48	0 4	22 6	0 56	15 18	8 4	11 53	12 17	14 20	16 3	6 56
F 14	3 23	26 13	5 9	9 51	3 23	11 39	1 7	14 11	0 21	9 26	1 32	16 1	0 47	22 48	0 4	22 6	0 56	15 18	8 4	11 52	12 16	14 23	16 3	6 56
S 15	3 0	23 10	5 8	10 10	3 30	11 14	1 9	14 24	0 21	9 24	1 33	15 59	0 47	22 48	0 4	22 7	0 56	15 18	8 4	11 50	12 15	14 26	16 4	6 55
S 16	2 37	18 45	4 50	10 26	3 36	10 49	1 11	14 38	0 22	9 22	1 33	15 57	0 47	22 48	0 4	22 7	0 56	15 18	8 5	11 48	12 14	14 29	16 4	6 55
M17	2 13	13 9	4 14	10 40	3 41	10 23	1 12	14 52	0 23	9 20	1 33	15 55	0 47	22 48	0 4	22 7	0 56	15 18	8 5	11 46	12 13	14 32	16 5	6 54
T 18	1 50	6 43	3 21	10 51	3 46	9 57	1 14	15 5	0 23	9 18	1 33	15 53	0 47	22 48	0 4	22 7	0 56	15 17	8 5	11 44	12 11	14 35	16 5	6 54
W19	1 27	0s11	2 13	11 0	3 51	9 30	1 15	15 18	0 24	9 16	1 33	15 51	0 48	22 48	0 4	22 7	0 56	15 17	8 5	11 43	12 10	14 38	16 6	6 53
T 20	1 4	7 8	0 56	11 5	3 54	9 4	1 16	15 32	0 25	9 14	1 33	15 49	0 48	22 49	0 4	22 7	0 55	15 17	8 5	11 42	12 9	14 41	16 6	6 53
F 21	0 41	13 42	0s26	11 7	3 56	8 37	1 17	15 45	0 25	9 11	1 34	15 47	0 48	22 49	0 4	22 7	0 55	15 17	8 5	11 42	12 8	14 44	16 7	6 52
S 22	0 17	19 25	1 44	11 5	3 58	8 9	1 19	15 58	0 26	9 9	1 34	15 45	0 48	22 49	0 4	22 7	0 55	15 17	8 5	11 43	12 7	14 47	16 7	6 51
S 23	0s 6	23 54	2 55	11 0	3 58	7 42	1 20	16 11	0 27	9 7	1 34	15 43	0 48	22 49	0 4	22 7	0 55	15 17	8 5	11 43	12 6	14 49	16 8	6 51
M24	0 29	26 49	3 53	10 51	3 56	7 14	1 21	16 24	0 27	9 4	1 34	15 41	0 48	22 49	0 4	22 7	0 55	15 17	8 6	11 43	12 5	14 52	16 8	6 50
T 25	0 53	28 1	4 37	10 38	3 53	6 46	1 22	16 36	0 28	9 2	1 34	15 39	0 48	22 49	0 4	22 7	0 55	15 16	8 6	11 44	12 4	14 55	16 9	6 50
W26	1 16	27 28	5 4	10 20	3 49	6 18	1 23	16 49	0 28	8 59	1 34	15 38	0 48	22 50	0 4	22 7	0 55	15 16	8 6	11 43	12 3	14 58	16 9	6 49
T 27	1 39	25 22	5 14	9 58	3 43	5 50	1 23	17 2	0 29	8 57	1 34	15 36	0 49	22 50	0 4	22 7	0 55	15 16	8 6	11 43	12 2	15 1	16 10	6 49
F 28	2 3	21 59	5 7	9 32	3 35	5 21	1 24	17 14	0 30	8 54	1 34	15 34	0 49	22 50	0 4	22 7	0 55	15 16	8 6	11 42	12 0	15 4	16 10	6 48
S 29	2 26	17 36	4 46	9 1	3 25	4 53	1 25	17 26	0 30	8 52	1 35	15 32	0 49	22 50	0 4	22 7	0 55	15 16	8 6	11 40	11 59	15 7	16 11	6 48
S 30	2s49	12s33	4s11	8s27	3s13	4n24	1n25	17s39	0s31	8n49	1s35	15n30	0n49	22s50	0s 4	22s 7	0n55	15n16	8s 6	11n39	11n58	15n10	16s11	6n47

Julian Day Number = 2507670.5, Delta T = 124.21 sec
Ecliptic obliquity = 23°25'18, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°53'15, Lahiri = 26°00'16

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2153
geocentric

OCTOBER 2153 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 39 55	8♎ 5'18	20♓ 3	12°R51	23♍27	18♏34	26°R35	20♌20	16♐52	10♑10	26°R13	0°R28	1♉24	9♉13	11♑14	M 1
T 2	0 43 52	9° 4'12	2♈13	11♎44	24°41	19°16	26♈27	20°26	16°54	10°10	26♊13	0♉25	1°21	9°20	11°15	T 2
W 3	0 47 48	10° 3'08	14°14	10°36	25°56	19°57	26°20	20°32	16°56	10°10	26°13	0°24	1°18	9°26	11°17	W 3
T 4	0 51 45	11° 2'06	26° 8	9°28	27°10	20°39	26°12	20°38	16°58	10°11	26°13	0°D23	1°15	9°33	11°18	T 4
F 5	0 55 41	12° 1'06	7♉58	8°23	28°25	21°20	26° 5	20°44	17° 0	10°11	26°12	0°23	1°11	9°40	11°20	F 5
S 6	0 59 38	13° 0'08	19°45	7°22	29°40	22° 2	25°57	20°50	17° 2	10°12	26°12	0°24	1° 8	9°46	11°22	S 6
S 7	1 3 34	13°59'13	1♊32	6°27	0♎54	22°44	25°49	20°55	17° 4	10°12	26°12	0°25	1° 5	9°53	11°23	S 7
M 8	1 7 31	14°58'20	13°25	5°39	2° 9	23°26	25°41	21° 1	17° 6	10°13	26°12	0°26	1° 2	9°59	11°25	M 8
T 9	1 11 27	15°57'29	25°25	5° 0	3°24	24° 7	25°34	21° 6	17° 8	10°13	26°11	0°28	0°59	10° 6	11°27	T 9
W10	1 15 24	16°56'40	7♋39	4°31	4°38	24°49	25°26	21°12	17°11	10°14	26°11	0°29	0°55	10°13	11°29	W10
T 11	1 19 21	17°55'54	20°10	4°12	5°53	25°32	25°18	21°17	17°13	10°14	26°11	0°R29	0°52	10°19	11°31	T 11
F 12	1 23 17	18°55'10	3♌ 3	4°D 4	7° 8	26°14	25°10	21°23	17°15	10°15	26°10	0°28	0°49	10°26	11°33	F 12
S 13	1 27 14	19°54'28	16°20	4° 6	8°23	26°56	25° 2	21°28	17°18	10°16	26°10	0°27	0°46	10°33	11°35	S 13
S 14	1 31 10	20°53'48	0♍ 5	4°20	9°38	27°38	24°54	21°33	17°20	10°16	26°10	0°26	0°43	10°39	11°37	S 14
M15	1 35 7	21°53'11	14°17	4°43	10°53	28°21	24°46	21°38	17°22	10°17	26° 9	0°25	0°40	10°46	11°40	M15
T 16	1 39 3	22°52'36	28°53	5°16	12° 8	29° 3	24°37	21°43	17°25	10°18	26° 9	0°24	0°36	10°53	11°42	T 16
W17	1 43 0	23°52'03	13♎49	5°59	13°23	29°45	24°29	21°48	17°27	10°19	26° 8	0°24	0°33	10°59	11°45	W17
T 18	1 46 56	24°51'32	28°57	6°49	14°38	0♐28	24°21	21°53	17°30	10°20	26° 8	0°D24	0°30	11° 6	11°47	T 18
F 19	1 50 53	25°51'03	14♏ 6	7°48	15°53	1°11	24°13	21°58	17°32	10°21	26° 7	0°24	0°27	11°13	11°50	F 19
S 20	1 54 50	26°50'36	29° 9	8°52	17° 8	1°53	24° 5	22° 2	17°35	10°21	26° 7	0°24	0°24	11°19	11°53	S 20
S 21	1 58 46	27°50'11	13♐57	10° 3	18°23	2°36	23°57	22° 7	17°38	10°22	26° 6	0°24	0°21	11°26	11°55	S 21
M22	2 2 43	28°49'48	28°24	11°19	19°38	3°19	23°49	22°11	17°40	10°23	26° 6	0°24	0°17	11°33	11°58	M22
T 23	2 6 39	29°49'27	12♑27	12°40	20°53	4° 2	23°41	22°16	17°43	10°24	26° 5	0°25	0°14	11°39	12° 1	T 23
W24	2 10 36	0♏49'07	26° 5	14° 4	22° 8	4°45	23°33	22°20	17°46	10°25	26° 5	0°25	0°11	11°46	12° 4	W24
T 25	2 14 32	1°48'49	9♒19	15°32	23°23	5°28	23°25	22°24	17°49	10°27	26° 4	0°25	0° 8	11°52	12° 7	T 25
F 26	2 18 29	2°48'33	22°12	17° 2	24°38	6°11	23°17	22°29	17°51	10°28	26° 4	0°25	0° 5	11°59	12°11	F 26
S 27	2 22 25	3°48'18	4♓46	18°34	25°53	6°55	23° 9	22°33	17°54	10°29	26° 3	0°25	0° 1	12° 6	12°14	S 27
S 28	2 26 22	4°48'05	17° 5	20° 8	27° 8	7°38	23° 1	22°37	17°57	10°30	26° 2	0°25	29♈58	12°12	12°17	S 28
M29	2 30 19	5°47'53	29°12	21°44	28°23	8°21	22°54	22°41	18° 0	10°31	26° 2	0°26	29°55	12°19	12°20	M29
T 30	2 34 15	6°47'44	11♈11	23°21	29°39	9° 5	22°46	22°44	18° 3	10°32	26° 1	0°26	29°52	12°26	12°24	T 30
W31	2 38 12	7♏47'36	23♈ 3	24♎58	0♏54	9♐48	22♈38	22♌48	18♐ 6	10♑34	26♊ 0	0♉27	29♈49	12♉32	12♑27	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	3s12	7s 4	3s24	7s49	2s59	3n55	1n26	17s51	0s31	8n46	1s35	15n28	0n49	22s50	0s 4	22s 7	0n55	15n16	8s 7	11n38	11n57	15n13	16s11	6n47
T 2	3 36	1 24	2 29	7 9	2 44	3 26	1 27	18 3	0 32	8 44	1 35	15 27	0 49	22 51	0 4	22 7	0 55	15 16	8 7	11 37	11 56	15 16	16 12	6 46
W 3	3 59	4n15	1 28	6 27	2 27	2 57	1 27	18 14	0 33	8 41	1 35	15 25	0 50	22 51	0 4	22 7	0 55	15 15	8 7	11 36	11 55	15 19	16 12	6 46
T 4	4 22	9 43	0 23	5 43	2 8	2 28	1 27	18 26	0 33	8 38	1 35	15 23	0 50	22 51	0 4	22 7	0 55	15 15	8 7	11 36	11 54	15 22	16 13	6 45
F 5	4 45	14 49	0n42	5 0	1 49	1 58	1 28	18 38	0 34	8 35	1 35	15 22	0 50	22 51	0 4	22 7	0 55	15 15	8 7	11 36	11 53	15 25	16 13	6 45
S 6	5 8	19 21	1 45	4 17	1 29	1 29	1 28	18 49	0 34	8 32	1 35	15 20	0 50	22 51	0 4	22 7	0 55	15 15	8 7	11 36	11 52	15 28	16 13	6 44
S 7	5 31	23 8	2 44	3 36	1 8	0 59	1 28	19 0	0 35	8 30	1 35	15 18	0 50	22 52	0 4	22 7	0 55	15 15	8 7	11 37	11 51	15 31	16 14	6 44
M 8	5 54	25 58	3 36	2 59	0 48	0 30	1 28	19 11	0 36	8 27	1 35	15 17	0 50	22 52	0 4	22 7	0 55	15 15	8 7	11 37	11 49	15 34	16 14	6 43
T 9	6 16	27 40	4 20	2 25	0 28	0s 0	1 28	19 22	0 36	8 24	1 35	15 15	0 50	22 52	0 4	22 7	0 55	15 15	8 8	11 38	11 48	15 37	16 15	6 43
W10	6 39	28 4	4 53	1 55	0 8	0 30	1 28	19 33	0 37	8 21	1 35	15 13	0 51	22 52	0 4	22 7	0 55	15 14	8 8	11 38	11 47	15 40	16 15	6 42
T 11	7 2	27 3	5 12	1 31	0n10	0 59	1 28	19 44	0 37	8 18	1 35	15 12	0 51	22 52	0 4	22 7	0 55	15 14	8 8	11 38	11 46	15 43	16 15	6 41
F 12	7 24	24 36	5 17	1 12	0 27	1 29	1 28	19 54	0 38	8 15	1 35	15 10	0 51	22 53	0 4	22 7	0 55	15 14	8 8	11 38	11 45	15 45	16 16	6 41
S 13	7 47	20 46	5 5	0 58	0 43	1 59	1 28	20 5	0 38	8 12	1 35	15 9	0 51	22 53	0 4	22 7	0 55	15 14	8 8	11 37	11 44	15 48	16 16	6 40
S 14	8 9	15 44	4 36	0 50	0 58	2 29	1 27	20 15	0 39	8 9	1 35	15 7	0 51	22 53	0 4	22 7	0 55	15 14	8 8	11 37	11 43	15 51	16 16	6 40
M15	8 31	9 42	3 49	0 47	1 11	2 58	1 27	20 25	0 39	8 6	1 35	15 6	0 51	22 53	0 4	22 7	0 54	15 14	8 8	11 37	11 42	15 54	16 17	6 39
T 16	8 53	2 59	2 46	0 50	1 22	3 28	1 26	20 35	0 40	8 3	1 35	15 4	0 52	22 54	0 4	22 7	0 54	15 14	8 8	11 36	11 41	15 57	16 17	6 39
W17	9 15	4s 3	1 31	0 58	1 32	3 57	1 26	20 45	0 41	8 1	1 35	15 3	0 52	22 54	0 4	22 7	0 54	15 14	8 9	11 36	11 39	16 0	16 17	6 38
T 18	9 37	10 58	0 8	1 10	1 41	4 27	1 25	20 54	0 41	7 58	1 35	15 1	0 52	22 54	0 4	22 7	0 54	15 13	8 9	11 36	11 38	16 3	16 17	6 38
F 19	9 59	17 16	1s16	1 27	1 48	4 56	1 25	21 4	0 42	7 55	1 35	15 0	0 52	22 54	0 4	22 7	0 54	15 13	8 9	11 36	11 37	16 6	16 18	6 37
S 20	10 20	22 27	2 33	1 47	1 53	5 26	1 24	21 13	0 42	7 52	1 35	14 59	0 52	22 55	0 4	22 7	0 54	15 13	8 9	11 36	11 36	16 9	16 18	6 37
S 21	10 42	26 5	3 39	2 11	1 57	5 55	1 23	21 22	0 43	7 49	1 35	14 57	0 52	22 55	0 4	22 7	0 54	15 13	8 9	11 36	11 35	16 12	16 18	6 37
M22	11 3	27 55	4 30	2 38	2 1	6 24	1 22	21 31	0 43	7 46	1 35	14 56	0 53	22 55	0 4	22 7	0 54	15 13	8 9	11 36	11 34	16 14	16 18	6 36
T 23	11 24	27 51	5 3	3 7	2 3	6 53	1 22	21 39	0 44	7 43	1 35	14 55	0 53	22 55	0 4	22 7	0 54	15 13	8 9	11 36	11 33	16 17	16 19	6 36
W24	11 45	26 6	5 17	3 39	2 4	7 22	1 21	21 48	0 44	7 40	1 35	14 53	0 53	22 56	0 4	22 7	0 54	15 13	8 9	11 36	11 32	16 20	16 19	6 35
T 25	12 6	22 57	5 14	4 12	2 4	7 51	1 20	21 56	0 45	7 37	1 35	14 52	0 53	22 56	0 4	22 7	0 54	15 13	8 9	11 36	11 31	16 23	16 19	6 35
F 26	12 26	18 45	4 55	4 48	2 3	8 19	1 19	22 4	0 45	7 35	1 34	14 51	0 53	22 56	0 4	22 7	0 54	15 12	8 10	11 36	11 29	16 26	16 19	6 34
S 27	12 47	13 50	4 23	5 24	2 1	8 47	1 17	22 12	0 46	7 32	1 34	14 50	0 53	22 56	0 4	22 7	0 54	15 12	8 10	11 37	11 28	16 29	16 19	6 34
S 28	13 7	8 27	3 38	6 2	1 59	9 16	1 16	22 19	0 46	7 29	1 34	14 49	0 54	22 57	0 4	22 7	0 54	15 12	8 10	11 37	11 27	16 32	16 20	6 33
M29	13 27	2 51	2 45	6 40	1 56	9 44	1 15	22 27	0 47	7 26	1 34	14 48	0 54	22 57	0 4	22 7	0 54	15 12	8 10	11 37	11 26	16 35	16 20	6 33
T 30	13 46	2n48	1 45	7 19	1 52	10 11	1 14	22 34	0 47	7 24	1 34	14 46	0 54	22 57	0 4	22 6	0 54	15 12	8 10	11 37	11 25	16 37	16 20	6 32
W31	14s 6	8n19	0s41	7s59	1n48	10s39	1n12	22s41	0s47	7n21	1s34	14n45	0n54	22s57	0s 4	22s 6	0n54	15n12	8s10	11n37	11n24	16n40	16s20	6n32

Julian Day Number = 2507700.5, Delta T = 124.27 sec
Ecliptic obliquity = 23°25'18, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°53'19, Lahiri = 26°00'20

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2153
geocentric

NOVEMBER 2153 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 42 8	8♏47'30	4♉52	26♎36	2♏ 9	10♐32	22°R31	22♑52	18♐ 9	10♑35	25°R59	0°R27	29♈46	12♉39	12♑31	T 1
F 2	2 46 5	9°47'26	16°40	28°15	3°24	11°15	22♈24	22°55	18°12	10°36	25♊59	0♉26	29°42	12°46	12°35	F 2
S 3	2 50 1	10°47'24	28°29	29°54	4°39	11°59	22°16	22°59	18°15	10°37	25°58	0°26	29°39	12°52	12°38	S 3
S 4	2 53 58	11°47'24	10♊21	1♏33	5°55	12°43	22° 9	23° 2	18°18	10°39	25°57	0°24	29°36	12°59	12°42	S 4
M 5	2 57 54	12°47'26	22°18	3°12	7°10	13°26	22° 2	23° 5	18°21	10°40	25°56	0°22	29°33	13° 6	12°46	M 5
T 6	3 1 51	13°47'30	4♋23	4°51	8°25	14°10	21°55	23° 9	18°25	10°42	25°55	0°20	29°30	13°12	12°50	T 6
W 7	3 5 48	14°47'36	16°40	6°30	9°40	14°54	21°48	23°12	18°28	10°43	25°55	0°18	29°27	13°19	12°54	W 7
T 8	3 9 44	15°47'44	29°11	8° 9	10°56	15°38	21°41	23°15	18°31	10°45	25°54	0°17	29°23	13°26	12°58	T 8
F 9	3 13 41	16°47'54	11♌59	9°48	12°11	16°22	21°35	23°17	18°34	10°46	25°53	0°D16	29°20	13°32	13° 2	F 9
S 10	3 17 37	17°48'06	25° 9	11°26	13°26	17° 7	21°28	23°20	18°37	10°48	25°52	0°16	29°17	13°39	13° 6	S 10
S 11	3 21 34	18°48'20	8♍43	13° 4	14°42	17°51	21°22	23°23	18°41	10°49	25°51	0°17	29°14	13°45	13°10	S 11
M12	3 25 30	19°48'36	22°42	14°42	15°57	18°35	21°16	23°25	18°44	10°51	25°50	0°19	29°11	13°52	13°14	M12
T 13	3 29 27	20°48'55	7♎ 6	16°19	17°12	19°19	21°10	23°28	18°47	10°52	25°49	0°20	29° 7	13°59	13°18	T 13
W14	3 33 23	21°49'15	21°53	17°57	18°28	20° 4	21° 4	23°30	18°51	10°54	25°48	0°21	29° 4	14° 5	13°23	W14
T 15	3 37 20	22°49'37	6♏57	19°34	19°43	20°48	20°58	23°32	18°54	10°56	25°47	0°R21	29° 1	14°12	13°27	T 15
F 16	3 41 17	23°50'00	22° 9	21°10	20°58	21°33	20°52	23°34	18°58	10°57	25°47	0°20	28°58	14°19	13°32	F 16
S 17	3 45 13	24°50'26	7♐21	22°47	22°14	22°17	20°47	23°36	19° 1	10°59	25°46	0°17	28°55	14°25	13°36	S 17
S 18	3 49 10	25°50'53	22°23	24°23	23°29	23° 2	20°42	23°38	19° 4	11° 1	25°45	0°14	28°52	14°32	13°41	S 18
M19	3 53 6	26°51'22	7♑ 5	25°58	24°44	23°47	20°36	23°40	19° 8	11° 2	25°44	0°10	28°48	14°39	13°45	M19
T 20	3 57 3	27°51'52	21°21	27°34	26° 0	24°31	20°32	23°42	19°11	11° 4	25°43	0° 6	28°45	14°45	13°50	T 20
W21	4 0 59	28°52'23	5♒10	29° 9	27°15	25°16	20°27	23°43	19°15	11° 6	25°42	0° 3	28°42	14°52	13°55	W21
T 22	4 4 56	29°52'55	18°30	0♐44	28°31	26° 1	20°22	23°45	19°18	11° 8	25°41	0° 1	28°39	14°59	13°59	T 22
F 23	4 8 52	0♐53'29	1♓23	2°19	29°46	26°46	20°18	23°46	19°22	11°10	25°39	0°D 1	28°36	15° 5	14° 4	F 23
S 24	4 12 49	1°54'04	13°55	3°53	1♐ 1	27°31	20°14	23°48	19°25	11°11	25°38	0° 1	28°33	15°12	14° 9	S 24
S 25	4 16 46	2°54'39	26° 9	5°28	2°17	28°16	20° 9	23°49	19°29	11°13	25°37	0° 3	28°29	15°19	14°14	S 25
M26	4 20 42	3°55'16	8♈ 9	7° 2	3°32	29° 1	20° 6	23°50	19°32	11°15	25°36	0° 5	28°26	15°25	14°19	M26
T 27	4 24 39	4°55'55	20° 1	8°36	4°48	29°46	20° 2	23°51	19°36	11°17	25°35	0° 6	28°23	15°32	14°24	T 27
W28	4 28 35	5°56'34	1♉49	10°10	6° 3	0♑32	19°58	23°51	19°40	11°19	25°34	0°R 7	28°20	15°39	14°29	W28
T 29	4 32 32	6°57'15	13°36	11°43	7°19	1°17	19°55	23°52	19°43	11°21	25°33	0° 6	28°17	15°45	14°34	T 29
F 30	4 36 28	7♐57'57	25♉25	13♐17	8♐34	2♑ 2	19♈52	23♑53	19♐47	11♑23	25♊32	0♉ 3	28♈13	15♉52	14♑39	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s25	13n31	0n25	8s38	1n44	11s 6	1n11	22s48	0s48	7n18	1s34	14n44	0n54	22s58	0s 4	22s 6	0n54	15n12	8s10	11n37	11n23	16n43	16s20	6n32
F 2	14 44	18 14	1 29	9 18	1 39	11 33	1 10	22 55	0 48	7 16	1 34	14 43	0 54	22 58	0 4	22 6	0 54	15 12	8 10	11 37	11 22	16 46	16 20	6 31
S 3	15 3	22 14	2 29	9 58	1 34	12 0	1 8	23 1	0 49	7 13	1 33	14 42	0 55	22 58	0 4	22 6	0 54	15 12	8 10	11 37	11 21	16 49	16 20	6 31
S 4	15 22	25 20	3 24	10 37	1 29	12 26	1 6	23 7	0 49	7 11	1 33	14 42	0 55	22 59	0 4	22 6	0 54	15 11	8 10	11 36	11 19	16 52	16 20	6 30
M 5	15 40	27 21	4 9	11 16	1 23	12 52	1 5	23 13	0 50	7 8	1 33	14 41	0 55	22 59	0 4	22 6	0 54	15 11	8 10	11 36	11 18	16 55	16 20	6 30
T 6	15 58	28 5	4 45	11 55	1 17	13 18	1 3	23 19	0 50	7 6	1 33	14 40	0 55	22 59	0 4	22 6	0 54	15 11	8 11	11 35	11 17	16 57	16 21	6 29
W 7	16 16	27 28	5 8	12 34	1 11	13 44	1 2	23 24	0 51	7 3	1 33	14 39	0 55	22 59	0 4	22 6	0 54	15 11	8 11	11 34	11 16	17 0	16 21	6 29
T 8	16 33	25 28	5 16	13 12	1 5	14 9	1 0	23 30	0 51	7 1	1 33	14 38	0 56	23 0	0 4	22 6	0 54	15 11	8 11	11 34	11 15	17 3	16 21	6 29
F 9	16 51	22 8	5 10	13 49	0 58	14 34	0 58	23 35	0 51	6 59	1 32	14 37	0 56	23 0	0 4	22 6	0 54	15 11	8 11	11 34	11 14	17 6	16 21	6 28
S 10	17 8	17 38	4 47	14 26	0 52	14 58	0 56	23 39	0 52	6 57	1 32	14 37	0 56	23 0	0 4	22 6	0 54	15 11	8 11	11 34	11 13	17 9	16 21	6 28
S 11	17 24	12 8	4 8	15 2	0 45	15 22	0 54	23 44	0 52	6 54	1 32	14 36	0 56	23 1	0 4	22 6	0 54	15 11	8 11	11 34	11 12	17 11	16 21	6 27
M12	17 41	5 51	3 13	15 37	0 38	15 46	0 52	23 48	0 53	6 52	1 32	14 35	0 56	23 1	0 4	22 5	0 53	15 11	8 11	11 34	11 10	17 14	16 21	6 27
T 13	17 57	0s54	2 5	16 12	0 32	16 9	0 50	23 52	0 53	6 50	1 31	14 35	0 57	23 1	0 4	22 5	0 53	15 11	8 11	11 35	11 9	17 17	16 21	6 27
W14	18 12	7 48	0 47	16 46	0 25	16 32	0 49	23 56	0 53	6 48	1 31	14 34	0 57	23 1	0 4	22 5	0 53	15 10	8 11	11 35	11 8	17 20	16 20	6 26
T 15	18 28	14 24	0s36	17 19	0 18	16 54	0 46	24 0	0 54	6 46	1 31	14 34	0 57	23 2	0 4	22 5	0 53	15 10	8 11	11 35	11 7	17 23	16 20	6 26
F 16	18 43	20 11	1 57	17 51	0 11	17 16	0 44	24 3	0 54	6 44	1 31	14 33	0 57	23 2	0 4	22 5	0 53	15 10	8 11	11 35	11 6	17 25	16 20	6 26
S 17	18 58	24 39	3 10	18 23	0 4	17 38	0 42	24 6	0 55	6 42	1 31	14 33	0 57	23 2	0 4	22 5	0 53	15 10	8 11	11 34	11 5	17 28	16 20	6 25
S 18	19 12	27 20	4 8	18 53	0s 2	17 59	0 40	24 9	0 55	6 41	1 30	14 32	0 57	23 3	0 4	22 5	0 53	15 10	8 11	11 33	11 4	17 31	16 20	6 25
M19	19 26	28 2	4 49	19 23	0 9	18 19	0 38	24 12	0 55	6 39	1 30	14 32	0 58	23 3	0 4	22 5	0 53	15 10	8 11	11 31	11 3	17 34	16 20	6 25
T 20	19 40	26 50	5 10	19 51	0 16	18 39	0 36	24 14	0 56	6 37	1 30	14 31	0 58	23 3	0 4	22 5	0 53	15 10	8 11	11 30	11 1	17 37	16 20	6 24
W21	19 54	24 1	5 13	20 19	0 22	18 59	0 34	24 16	0 56	6 36	1 30	14 31	0 58	23 3	0 4	22 4	0 53	15 10	8 11	11 29	11 0	17 39	16 20	6 24
T 22	20 7	19 59	4 58	20 46	0 29	19 18	0 32	24 18	0 56	6 34	1 29	14 31	0 58	23 4	0 4	22 4	0 53	15 10	8 11	11 28	10 59	17 42	16 20	6 24
F 23	20 19	15 9	4 28	21 11	0 35	19 37	0 29	24 20	0 57	6 33	1 29	14 30	0 58	23 4	0 4	22 4	0 53	15 10	8 12	11 28	10 58	17 45	16 19	6 23
S 24	20 32	9 48	3 47	21 36	0 42	19 55	0 27	24 21	0 57	6 32	1 29	14 30	0 59	23 4	0 4	22 4	0 53	15 10	8 12	11 28	10 57	17 48	16 19	6 23
S 25	20 44	4 13	2 55	21 59	0 48	20 12	0 25	24 22	0 57	6 30	1 29	14 30	0 59	23 5	0 4	22 4	0 53	15 10	8 12	11 29	10 56	17 51	16 19	6 23
M26	20 55	1n26	1 57	22 21	0 54	20 29	0 22	24 23	0 58	6 29	1 28	14 30	0 59	23 5	0 4	22 4	0 53	15 10	8 12	11 29	10 55	17 53	16 19	6 22
T 27	21 6	6 58	0 55	22 43	1 0	20 45	0 20	24 23	0 58	6 28	1 28	14 30	0 59	23 5	0 4	22 4	0 53	15 10	8 12	11 30	10 54	17 56	16 19	6 22
W28	21 17	12 15	0n 9	23 3	1 6	21 1	0 18	24 24	0 58	6 27	1 28	14 30	0 59	23 5	0 4	22 4	0 53	15 9	8 12	11 30	10 52	17 59	16 18	6 22
T 29	21 27	17 4	1 13	23 22	1 12	21 16	0 15	24 24	0 59	6 26	1 27	14 30	1 0	23 6	0 4	22 3	0 53	15 9	8 12	11 30	10 51	18 2	16 18	6 22
F 30	21s37	21n16	2n14	23s39	1s17	21s30	0n13	24s23	0s59	6n25	1s27	14n30	1n 0	23s 6	0s 4	22s 3	0n53	15n 9	8s12	11n29	10n50	18n 4	16s18	6n21

Julian Day Number = 2507731.5, Delta T = 124.33 sec
Ecliptic obliquity = 23°25'17, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°53'24, Lahiri = 26°00'24

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2153
geocentric

DECEMBER 2153 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 40 25	8♐58'40	7♊19	14♐51	9♐49	2♑48	19°R49	23♌53	19♐50	11♑25	25°R31	29°R58	28♈10	15♉58	14♑44	S 1
S 2	4 44 21	9°59'24	19°19	16°24	11° 5	3°33	19♈47	23°54	19°54	11°27	25♊30	29♈51	28° 7	16° 5	14°49	S 2
M 3	4 48 18	11° 0'10	1♋27	17°57	12°20	4°19	19°44	23°54	19°58	11°29	25°29	29°43	28° 4	16°12	14°55	M 3
T 4	4 52 15	12° 0'57	13°44	19°31	13°36	5° 4	19°42	23°54	20° 1	11°31	25°27	29°35	28° 1	16°18	15° 0	T 4
W 5	4 56 11	13° 1'45	26°11	21° 4	14°51	5°50	19°40	23°R54	20° 5	11°33	25°26	29°28	27°58	16°25	15° 5	W 5
T 6	5 0 8	14° 2'35	8♌50	22°37	16° 7	6°35	19°38	23°54	20° 9	11°35	25°25	29°21	27°54	16°32	15°11	T 6
F 7	5 4 4	15° 3'26	21°43	24°10	17°22	7°21	19°36	23°54	20°12	11°37	25°24	29°16	27°51	16°38	15°16	F 7
S 8	5 8 1	16° 4'18	4♍51	25°43	18°37	8° 7	19°35	23°53	20°16	11°39	25°23	29°14	27°48	16°45	15°21	S 8
S 9	5 11 57	17° 5'12	18°17	27°16	19°53	8°53	19°34	23°53	20°19	11°41	25°22	29°D13	27°45	16°52	15°27	S 9
M10	5 15 54	18° 6'07	2♎ 3	28°49	21° 8	9°38	19°32	23°52	20°23	11°43	25°21	29°14	27°42	16°58	15°32	M10
T 11	5 19 51	19° 7'03	16°10	0♑22	22°24	10°24	19°32	23°52	20°27	11°45	25°19	29°15	27°39	17° 5	15°38	T 11
W12	5 23 47	20° 8'00	0♏37	1°55	23°39	11°10	19°31	23°51	20°30	11°48	25°18	29°R15	27°35	17°12	15°43	W12
T 13	5 27 44	21° 8'59	15°22	3°27	24°55	11°56	19°31	23°50	20°34	11°50	25°17	29°14	27°32	17°18	15°49	T 13
F 14	5 31 40	22° 9'58	0♐19	5° 0	26°10	12°42	19°D30	23°49	20°38	11°52	25°16	29°11	27°29	17°25	15°54	F 14
S 15	5 35 37	23°10'59	15°21	6°32	27°26	13°28	19°30	23°48	20°41	11°54	25°15	29° 5	27°26	17°32	16° 0	S 15
S 16	5 39 33	24°12'01	0♑19	8° 4	28°41	14°15	19°31	23°47	20°45	11°56	25°14	28°57	27°23	17°38	16° 5	S 16
M17	5 43 30	25°13'03	15° 3	9°36	29°57	15° 1	19°31	23°45	20°49	11°58	25°12	28°47	27°19	17°45	16°11	M17
T 18	5 47 26	26°14'06	29°25	11° 7	1♑12	15°47	19°32	23°44	20°52	12° 1	25°11	28°38	27°16	17°52	16°17	T 18
W19	5 51 23	27°15'10	13♒21	12°38	2°28	16°33	19°33	23°42	20°56	12° 3	25°10	28°29	27°13	17°58	16°22	W19
T 20	5 55 20	28°16'14	26°49	14° 8	3°43	17°20	19°34	23°41	21° 0	12° 5	25° 9	28°23	27°10	18° 5	16°28	T 20
F 21	5 59 16	29°17'18	9♓48	15°38	4°58	18° 6	19°35	23°39	21° 3	12° 7	25° 8	28°18	27° 7	18°12	16°34	F 21
S 22	6 3 13	0♑18'22	22°23	17° 6	6°14	18°52	19°36	23°37	21° 7	12°10	25° 7	28°16	27° 4	18°18	16°40	S 22
S 23	6 7 9	1°19'27	4♈38	18°34	7°29	19°39	19°38	23°35	21°11	12°12	25° 5	28°D16	27° 0	18°25	16°45	S 23
M24	6 11 6	2°20'32	16°38	20° 0	8°45	20°25	19°40	23°33	21°14	12°14	25° 4	28°17	26°57	18°32	16°51	M24
T 25	6 15 2	3°21'37	28°29	21°25	10° 0	21°12	19°42	23°31	21°18	12°16	25° 3	28°R17	26°54	18°38	16°57	T 25
W26	6 18 59	4°22'43	10♉16	22°48	11°16	21°58	19°44	23°29	21°21	12°18	25° 2	28°16	26°51	18°45	17° 3	W26
T 27	6 22 55	5°23'49	22° 3	24° 9	12°31	22°45	19°47	23°26	21°25	12°21	25° 1	28°13	26°48	18°52	17° 9	T 27
F 28	6 26 52	6°24'54	3♊56	25°28	13°46	23°31	19°49	23°24	21°29	12°23	25° 0	28° 8	26°45	18°58	17°14	F 28
S 29	6 30 49	7°26'01	15°56	26°43	15° 2	24°18	19°52	23°21	21°32	12°25	24°58	27°59	26°41	19° 5	17°20	S 29
S 30	6 34 45	8°27'07	28° 6	27°55	16°17	25° 5	19°55	23°19	21°36	12°28	24°57	27°48	26°38	19°11	17°26	S 30
M31	6 38 42	9♑28'14	10♋28	29♑ 3	17♑33	25♑51	19♈59	23♌16	21♐39	12♑30	24♊56	27♈36	26♈35	19♉18	17♑32	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s47	24n37	3n 9	23s56	1s23	21s44	0n11	24s23	0s59	6n24	1s27	14n30	1n 0	23s 6	0s 4	22s 3	0n53	15n 9	8s12	11n27	10n49	18n 7	16s18	6n21
S 2	21 56	26 54	3 56	24 11	1 28	21 57	0 8	24 22	1 0	6 24	1 27	14 30	1 0	23 7	0 4	22 3	0 53	15 9	8 12	11 25	10 48	18 10	16 17	6 21
M 3	22 5	27 57	4 32	24 25	1 33	22 10	0 6	24 21	1 0	6 23	1 26	14 30	1 0	23 7	0 4	22 3	0 53	15 9	8 12	11 22	10 47	18 12	16 17	6 21
T 4	22 13	27 38	4 57	24 38	1 38	22 21	0 4	24 19	1 0	6 22	1 26	14 30	1 1	23 7	0 4	22 3	0 53	15 9	8 12	11 19	10 46	18 15	16 17	6 20
W 5	22 21	25 56	5 8	24 49	1 42	22 33	0 1	24 18	1 0	6 22	1 26	14 30	1 1	23 7	0 4	22 3	0 53	15 9	8 12	11 16	10 44	18 18	16 16	6 20
T 6	22 28	22 56	5 4	25 0	1 47	22 43	0s 1	24 16	1 1	6 21	1 25	14 30	1 1	23 8	0 4	22 2	0 53	15 9	8 12	11 14	10 43	18 21	16 16	6 20
F 7	22 35	18 45	4 45	25 8	1 51	22 53	0 4	24 14	1 1	6 21	1 25	14 31	1 1	23 8	0 4	22 2	0 53	15 9	8 12	11 12	10 42	18 23	16 16	6 20
S 8	22 42	13 37	4 11	25 16	1 55	23 2	0 6	24 11	1 1	6 21	1 25	14 31	1 1	23 8	0 4	22 2	0 53	15 9	8 12	11 11	10 41	18 26	16 15	6 20
S 9	22 48	7 44	3 23	25 22	1 59	23 11	0 8	24 9	1 1	6 21	1 24	14 31	1 2	23 9	0 4	22 2	0 53	15 9	8 12	11 11	10 40	18 29	16 15	6 19
M10	22 53	1 21	2 21	25 27	2 2	23 18	0 11	24 6	1 2	6 20	1 24	14 32	1 2	23 9	0 4	22 2	0 53	15 9	8 12	11 11	10 39	18 31	16 14	6 19
T 11	22 59	5s16	1 10	25 30	2 5	23 25	0 13	24 3	1 2	6 20	1 24	14 32	1 2	23 9	0 4	22 2	0 53	15 9	8 12	11 12	10 38	18 34	16 14	6 19
W12	23 3	11 48	0s 7	25 32	2 8	23 32	0 16	23 59	1 2	6 20	1 24	14 32	1 2	23 9	0 4	22 1	0 53	15 9	8 12	11 12	10 36	18 37	16 13	6 19
T 13	23 8	17 48	1 26	25 33	2 10	23 37	0 18	23 55	1 2	6 21	1 23	14 33	1 2	23 10	0 4	22 1	0 53	15 9	8 12	11 12	10 35	18 40	16 13	6 19
F 14	23 11	22 47	2 39	25 32	2 12	23 42	0 20	23 51	1 3	6 21	1 23	14 33	1 3	23 10	0 4	22 1	0 53	15 9	8 11	11 10	10 34	18 42	16 13	6 18
S 15	23 15	26 17	3 41	25 29	2 14	23 46	0 23	23 47	1 3	6 21	1 23	14 34	1 3	23 10	0 5	22 1	0 53	15 9	8 11	11 8	10 33	18 45	16 12	6 18
S 16	23 18	27 54	4 28	25 25	2 15	23 50	0 25	23 42	1 3	6 21	1 22	14 35	1 3	23 10	0 5	22 1	0 53	15 9	8 11	11 6	10 32	18 48	16 12	6 18
M17	23 20	27 29	4 57	25 20	2 16	23 53	0 27	23 37	1 3	6 22	1 22	14 35	1 3	23 11	0 5	22 1	0 53	15 9	8 11	11 2	10 31	18 50	16 11	6 18
T 18	23 22	25 14	5 5	25 13	2 16	23 55	0 30	23 32	1 3	6 22	1 22	14 36	1 3	23 11	0 5	22 0	0 53	15 9	8 11	10 59	10 30	18 53	16 11	6 18
W19	23 24	21 30	4 55	25 5	2 16	23 56	0 32	23 27	1 4	6 23	1 21	14 37	1 4	23 11	0 5	22 0	0 53	15 9	8 11	10 56	10 29	18 56	16 10	6 18
T 20	23 25	16 46	4 29	24 55	2 15	23 56	0 34	23 21	1 4	6 24	1 21	14 37	1 4	23 11	0 5	22 0	0 53	15 9	8 11	10 53	10 27	18 58	16 9	6 18
F 21	23 25	11 25	3 49	24 44	2 14	23 56	0 36	23 15	1 4	6 25	1 21	14 38	1 4	23 12	0 5	22 0	0 53	15 9	8 11	10 52	10 26	19 1	16 9	6 18
S 22	23 25	5 46	3 0	24 31	2 12	23 55	0 39	23 9	1 4	6 25	1 20	14 39	1 4	23 12	0 5	22 0	0 53	15 9	8 11	10 51	10 25	19 4	16 8	6 17
S 23	23 25	0 2	2 3	24 17	2 10	23 53	0 41	23 3	1 4	6 26	1 20	14 40	1 4	23 12	0 5	21 59	0 52	15 9	8 11	10 51	10 24	19 6	16 8	6 17
M24	23 24	5n35	1 2	24 2	2 7	23 51	0 43	22 56	1 4	6 27	1 20	14 41	1 5	23 13	0 5	21 59	0 52	15 9	8 11	10 51	10 23	19 9	16 7	6 17
T 25	23 23	10 57	0n 1	23 45	2 3	23 48	0 45	22 49	1 4	6 28	1 20	14 41	1 5	23 13	0 5	21 59	0 52	15 9	8 11	10 51	10 22	19 12	16 7	6 17
W26	23 21	15 53	1 3	23 27	1 59	23 44	0 47	22 42	1 5	6 29	1 19	14 42	1 5	23 13	0 5	21 59	0 52	15 9	8 11	10 51	10 20	19 14	16 6	6 17
T 27	23 19	20 15	2 3	23 8	1 53	23 39	0 49	22 34	1 5	6 31	1 19	14 43	1 5	23 13	0 5	21 59	0 52	15 9	8 11	10 50	10 19	19 17	16 5	6 17
F 28	23 16	23 50	2 58	22 47	1 47	23 33	0 51	22 26	1 5	6 32	1 19	14 44	1 5	23 13	0 5	21 59	0 52	15 9	8 11	10 48	10 18	19 19	16 5	6 17
S 29	23 13	26 24	3 45	22 26	1 40	23 27	0 53	22 18	1 5	6 33	1 18	14 45	1 6	23 14	0 5	21 58	0 52	15 9	8 11	10 45	10 17	19 22	16 4	6 17
S 30	23 9	27 47	4 22	22 4	1 32	23 20	0 55	22 10	1 5	6 35	1 18	14 46	1 6	23 14	0 5	21 58	0 52	15 9	8 10	10 41	10 16	19 25	16 3	6 17
M31	23s 5	27n47	4n48	21s42	1s23	23s13	0s57	22s 2	1s 5	6n36	1s18	14n47	1n 6	23s14	0s 5	21s58	0n52	15n 9	8s10	10n37	10n15	19n27	16s 3	6n17

Julian Day Number = 2507761.5, Delta T = 124.39 sec
Ecliptic obliquity = 23°25'17, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°53'28, Lahiri = 26°00'28

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2154
geocentric

JANUARY 2154 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 42 38	10♑29'21	23♋ 2	0♒ 7	18♑48	26♑38	20♈ 2	23°R13	21♐43	12♑32	24°R55	27°R22	26♈32	19♉25	17♑38	T 1
W 2	6 46 35	11°30'28	5♌47	1° 5	20° 4	27°25	20° 6	23♌10	21°46	12°34	24♊54	27♈ 9	26°29	19°31	17°44	W 2
T 3	6 50 31	12°31'35	18°44	1°56	21°19	28°12	20°10	23° 7	21°50	12°37	24°53	26°58	26°25	19°38	17°50	T 3
F 4	6 54 28	13°32'43	1♍51	2°41	22°34	28°59	20°14	23° 4	21°53	12°39	24°52	26°49	26°22	19°45	17°55	F 4
S 5	6 58 25	14°33'50	15°10	3°17	23°50	29°46	20°18	23° 1	21°57	12°41	24°51	26°43	26°19	19°51	18° 1	S 5
S 6	7 2 21	15°34'58	28°41	3°45	25° 5	0♒32	20°22	22°58	22° 0	12°43	24°49	26°40	26°16	19°58	18° 7	S 6
M 7	7 6 18	16°36'07	12♎24	4° 3	26°20	1°19	20°27	22°54	22° 4	12°46	24°48	26°D39	26°13	20° 5	18°13	M 7
T 8	7 10 14	17°37'15	26°20	4°R10	27°36	2° 6	20°32	22°51	22° 7	12°48	24°47	26°R39	26°10	20°11	18°19	T 8
W 9	7 14 11	18°38'24	10♏29	4° 7	28°51	2°53	20°37	22°47	22°10	12°50	24°46	26°39	26° 6	20°18	18°25	W 9
T 10	7 18 7	19°39'34	24°51	3°51	0♒ 7	3°40	20°42	22°43	22°14	12°53	24°45	26°37	26° 3	20°25	18°31	T 10
F 11	7 22 4	20°40'43	9♐24	3°24	1°22	4°27	20°47	22°40	22°17	12°55	24°44	26°32	26° 0	20°31	18°37	F 11
S 12	7 26 0	21°41'53	24° 1	2°44	2°37	5°15	20°53	22°36	22°21	12°57	24°43	26°24	25°57	20°38	18°42	S 12
S 13	7 29 57	22°43'02	8♑38	1°54	3°53	6° 2	20°59	22°32	22°24	12°59	24°42	26°13	25°54	20°45	18°48	S 13
M14	7 33 54	23°44'11	23° 6	0°55	5° 8	6°49	21° 5	22°28	22°27	13° 2	24°41	26° 1	25°51	20°51	18°54	M14
T 15	7 37 50	24°45'20	7♒19	29♑47	6°23	7°36	21°11	22°24	22°30	13° 4	24°40	25°48	25°47	20°58	19° 0	T 15
W16	7 41 47	25°46'28	21°10	28°33	7°39	8°23	21°17	22°20	22°34	13° 6	24°39	25°36	25°44	21° 5	19° 6	W16
T 17	7 45 43	26°47'36	4♓37	27°15	8°54	9°10	21°23	22°16	22°37	13° 8	24°38	25°26	25°41	21°11	19°12	T 17
F 18	7 49 40	27°48'43	17°39	25°56	10° 9	9°58	21°30	22°12	22°40	13°10	24°37	25°19	25°38	21°18	19°18	F 18
S 19	7 53 36	28°49'50	0♈17	24°38	11°25	10°45	21°37	22° 8	22°43	13°13	24°36	25°15	25°35	21°25	19°23	S 19
S 20	7 57 33	29°50'56	12°35	23°23	12°40	11°32	21°44	22° 3	22°46	13°15	24°35	25°13	25°31	21°31	19°29	S 20
M21	8 1 29	0♒52'01	24°37	22°14	13°55	12°19	21°51	21°59	22°49	13°17	24°34	25°13	25°28	21°38	19°35	M21
T 22	8 5 26	1°53'05	6♉29	21°12	15°10	13° 7	21°58	21°55	22°52	13°19	24°33	25°13	25°25	21°45	19°41	T 22
W23	8 9 23	2°54'08	18°17	20°18	16°26	13°54	22° 5	21°50	22°55	13°21	24°33	25°12	25°22	21°51	19°47	W23
T 24	8 13 19	3°55'11	0♊ 6	19°33	17°41	14°41	22°13	21°46	22°58	13°24	24°32	25° 9	25°19	21°58	19°52	T 24
F 25	8 17 16	4°56'12	12° 1	18°58	18°56	15°29	22°20	21°41	23° 1	13°26	24°31	25° 4	25°16	22° 5	19°58	F 25
S 26	8 21 12	5°57'13	24° 7	18°31	20°11	16°16	22°28	21°36	23° 4	13°28	24°30	24°56	25°12	22°11	20° 4	S 26
S 27	8 25 9	6°58'13	6♋25	18°13	21°26	17° 3	22°36	21°32	23° 7	13°30	24°29	24°45	25° 9	22°18	20° 9	S 27
M28	8 29 5	7°59'12	19° 0	18° 5	22°41	17°51	22°44	21°27	23°10	13°32	24°28	24°33	25° 6	22°25	20°15	M28
T 29	8 33 2	9° 0'10	1♌50	18°D 4	23°57	18°38	22°53	21°22	23°13	13°34	24°28	24°19	25° 3	22°31	20°21	T 29
W30	8 36 58	10° 1'07	14°56	18°11	25°12	19°25	23° 1	21°18	23°16	13°36	24°27	24° 6	25° 0	22°38	20°26	W30
T 31	8 40 55	11♒ 2'03	28♌16	18♑26	26♒27	20♒13	23♈10	21♌13	23♐18	13♑38	24♊26	23♈55	24♈57	22♉45	20♑32	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s 0	26n23	5n 0	21s18	1s13	23s 5	0s59	21s53	1s 5	6n38	1s17	14n49	1n 6	23s14	0s 5	21s58	0n52	15n 9	8s10	10n32	10n14	19n30	16s 2	6n17
W 2	22 55	23 37	4 58	20 55	1 2	22 56	1 1	21 44	1 5	6 40	1 17	14 50	1 6	23 15	0 5	21 58	0 52	15 10	8 10	10 27	10 12	19 33	16 1	6 17
T 3	22 50	19 38	4 40	20 32	0 50	22 46	1 3	21 35	1 5	6 41	1 17	14 51	1 6	23 15	0 5	21 57	0 52	15 10	8 10	10 23	10 11	19 35	16 0	6 17
F 4	22 44	14 39	4 7	20 9	0 37	22 35	1 4	21 25	1 6	6 43	1 17	14 52	1 7	23 15	0 5	21 57	0 52	15 10	8 10	10 20	10 10	19 38	16 0	6 17
S 5	22 38	8 55	3 21	19 46	0 22	22 24	1 6	21 15	1 6	6 45	1 16	14 53	1 7	23 15	0 5	21 57	0 52	15 10	8 10	10 18	10 9	19 40	15 59	6 17
S 6	22 31	2 42	2 22	19 25	0 7	22 13	1 8	21 5	1 6	6 47	1 16	14 55	1 7	23 16	0 5	21 57	0 52	15 10	8 10	10 17	10 8	19 43	15 58	6 17
M 7	22 23	3s45	1 15	19 4	0n10	22 0	1 9	20 55	1 6	6 49	1 16	14 56	1 7	23 16	0 5	21 56	0 52	15 10	8 10	10 16	10 7	19 46	15 57	6 17
T 8	22 16	10 8	0 2	18 46	0 27	21 47	1 11	20 45	1 6	6 51	1 15	14 57	1 7	23 16	0 5	21 56	0 52	15 10	8 10	10 16	10 6	19 48	15 57	6 17
W 9	22 8	16 6	1s12	18 29	0 45	21 33	1 12	20 34	1 6	6 53	1 15	14 58	1 8	23 16	0 5	21 56	0 52	15 10	8 9	10 16	10 4	19 51	15 56	6 17
T 10	21 59	21 17	2 23	18 14	1 4	21 19	1 14	20 23	1 6	6 55	1 15	15 0	1 8	23 16	0 5	21 56	0 52	15 10	8 9	10 15	10 3	19 53	15 55	6 17
F 11	21 50	25 13	3 25	18 2	1 23	21 4	1 15	20 12	1 6	6 58	1 14	15 1	1 8	23 17	0 5	21 56	0 52	15 10	8 9	10 14	10 2	19 56	15 54	6 17
S 12	21 40	27 31	4 14	17 52	1 42	20 48	1 17	20 1	1 6	7 0	1 14	15 3	1 8	23 17	0 5	21 55	0 52	15 10	8 9	10 11	10 1	19 58	15 53	6 17
S 13	21 31	27 54	4 46	17 46	2 1	20 32	1 18	19 49	1 6	7 2	1 14	15 4	1 8	23 17	0 5	21 55	0 52	15 10	8 9	10 7	10 0	20 1	15 53	6 17
M14	21 20	26 22	5 0	17 41	2 18	20 15	1 19	19 37	1 6	7 5	1 14	15 5	1 8	23 17	0 5	21 55	0 52	15 10	8 9	10 2	9 59	20 3	15 52	6 17
T 15	21 10	23 10	4 54	17 40	2 35	19 57	1 20	19 25	1 6	7 7	1 13	15 7	1 9	23 17	0 5	21 55	0 52	15 11	8 9	9 58	9 58	20 6	15 51	6 17
W16	20 58	18 42	4 31	17 40	2 49	19 39	1 21	19 13	1 6	7 10	1 13	15 8	1 9	23 18	0 5	21 55	0 52	15 11	8 9	9 53	9 56	20 9	15 50	6 17
T 17	20 47	13 26	3 54	17 43	3 2	19 21	1 22	19 0	1 6	7 13	1 13	15 10	1 9	23 18	0 5	21 54	0 52	15 11	8 8	9 50	9 55	20 11	15 49	6 17
F 18	20 35	7 43	3 5	17 48	3 12	19 2	1 23	18 48	1 6	7 15	1 12	15 11	1 9	23 18	0 5	21 54	0 52	15 11	8 8	9 47	9 54	20 14	15 48	6 18
S 19	20 23	1 51	2 8	17 54	3 20	18 42	1 24	18 35	1 6	7 18	1 12	15 13	1 9	23 18	0 5	21 54	0 52	15 11	8 8	9 46	9 53	20 16	15 47	6 18
S 20	20 10	3n57	1 6	18 2	3 25	18 22	1 25	18 22	1 6	7 21	1 12	15 14	1 9	23 18	0 5	21 54	0 52	15 11	8 8	9 45	9 52	20 19	15 46	6 18
M21	19 57	9 29	0 3	18 10	3 28	18 1	1 26	18 9	1 6	7 24	1 12	15 16	1 9	23 19	0 5	21 54	0 52	15 11	8 8	9 45	9 51	20 21	15 45	6 18
T 22	19 44	14 36	0n59	18 19	3 28	17 40	1 27	17 55	1 6	7 27	1 11	15 18	1 10	23 19	0 5	21 53	0 52	15 11	8 8	9 45	9 49	20 24	15 45	6 18
W23	19 30	19 10	1 59	18 29	3 26	17 18	1 28	17 42	1 6	7 30	1 11	15 19	1 10	23 19	0 5	21 53	0 52	15 11	8 7	9 45	9 48	20 26	15 44	6 18
T 24	19 16	22 59	2 54	18 39	3 23	16 55	1 28	17 28	1 6	7 33	1 11	15 21	1 10	23 19	0 5	21 53	0 52	15 12	8 7	9 44	9 47	20 29	15 43	6 18
F 25	19 1	25 52	3 41	18 50	3 17	16 33	1 29	17 14	1 6	7 36	1 11	15 22	1 10	23 19	0 5	21 53	0 52	15 12	8 7	9 42	9 46	20 31	15 42	6 18
S 26	18 46	27 36	4 19	19 0	3 10	16 10	1 29	16 59	1 6	7 39	1 10	15 24	1 10	23 19	0 5	21 52	0 52	15 12	8 7	9 39	9 45	20 34	15 41	6 19
S 27	18 31	28 1	4 46	19 10	3 2	15 46	1 30	16 45	1 5	7 42	1 10	15 26	1 10	23 20	0 5	21 52	0 52	15 12	8 7	9 35	9 44	20 36	15 40	6 19
M28	18 15	27 1	4 59	19 20	2 54	15 22	1 30	16 31	1 5	7 45	1 10	15 27	1 10	23 20	0 5	21 52	0 52	15 12	8 7	9 30	9 42	20 39	15 39	6 19
T 29	18 0	24 35	4 58	19 30	2 44	14 57	1 31	16 16	1 5	7 49	1 10	15 29	1 11	23 20	0 5	21 52	0 52	15 12	8 6	9 25	9 41	20 41	15 38	6 19
W30	17 43	20 49	4 41	19 39	2 34	14 32	1 31	16 1	1 5	7 52	1 9	15 30	1 11	23 20	0 5	21 52	0 52	15 12	8 6	9 21	9 40	20 44	15 37	6 19
T 31	17s27	15n57	4n 9	19s47	2n23	14s 7	1s31	15s46	1s 5	7n56	1s 9	15n32	1n11	23s20	0s 5	21s51	0n52	15n13	8s 6	9n16	9n39	20n46	15s36	6n20

Julian Day Number = 2507792.5, Delta T = 124.45 sec
Ecliptic obliquity = 23°25'17, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°53'32, Lahiri = 26°00'32

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2154
geocentric

FEBRUARY 2154 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 44 52	12♒ 2'59	11♍48	18♑47	27♒42	21♒ 0	23♈18	21°R 8	23♐21	13♑40	24°R25	23°R46	24♈53	22♉51	20♑38	F 1
S 2	8 48 48	13° 3'53	25°29	19°14	28°57	21°48	23°27	21♌ 3	23°24	13°43	24♊24	23♈40	24°50	22°58	20°43	S 2
S 3	8 52 45	14° 4'47	9♎18	19°46	0♓12	22°35	23°36	20°59	23°27	13°45	24°24	23°37	24°47	23° 5	20°49	S 3
M 4	8 56 41	15° 5'40	23°12	20°24	1°27	23°23	23°45	20°54	23°29	13°47	24°23	23°D36	24°44	23°11	20°54	M 4
T 5	9 0 38	16° 6'32	7♏12	21° 6	2°42	24°10	23°55	20°49	23°32	13°49	24°22	23°37	24°41	23°18	21° 0	T 5
W 6	9 4 34	17° 7'23	21°16	21°53	3°57	24°57	24° 4	20°44	23°34	13°51	24°22	23°R37	24°37	23°25	21° 5	W 6
T 7	9 8 31	18° 8'14	5♐25	22°43	5°12	25°45	24°14	20°39	23°37	13°53	24°21	23°36	24°34	23°31	21°10	T 7
F 8	9 12 27	19° 9'04	19°36	23°37	6°27	26°32	24°23	20°34	23°39	13°55	24°20	23°32	24°31	23°38	21°16	F 8
S 9	9 16 24	20° 9'54	3♑47	24°33	7°42	27°20	24°33	20°29	23°42	13°56	24°20	23°26	24°28	23°45	21°21	S 9
S 10	9 20 21	21°10'42	17°55	25°33	8°57	28° 7	24°43	20°24	23°44	13°58	24°19	23°17	24°25	23°51	21°26	S 10
M11	9 24 17	22°11'29	1♒56	26°36	10°12	28°55	24°53	20°19	23°46	14° 0	24°19	23° 7	24°22	23°58	21°32	M11
T 12	9 28 14	23°12'15	15°45	27°41	11°27	29°42	25° 3	20°15	23°49	14° 2	24°18	22°56	24°18	24° 5	21°37	T 12
W13	9 32 10	24°13'00	29°18	28°48	12°41	0♓30	25°13	20°10	23°51	14° 4	24°18	22°46	24°15	24°11	21°42	W13
T 14	9 36 7	25°13'43	12♓32	29°57	13°56	1°17	25°24	20° 5	23°53	14° 6	24°17	22°38	24°12	24°18	21°47	T 14
F 15	9 40 3	26°14'24	25°26	1♒ 8	15°11	2° 5	25°34	20° 0	23°55	14° 8	24°17	22°32	24° 9	24°25	21°53	F 15
S 16	9 44 0	27°15'05	8♈ 1	2°21	16°26	2°52	25°45	19°55	23°57	14° 9	24°16	22°29	24° 6	24°31	21°58	S 16
S 17	9 47 56	28°15'43	20°18	3°36	17°41	3°40	25°55	19°50	24° 0	14°11	24°16	22°D27	24° 3	24°38	22° 3	S 17
M18	9 51 53	29°16'20	2♉21	4°52	18°55	4°27	26° 6	19°45	24° 2	14°13	24°15	22°28	23°59	24°45	22° 8	M18
T 19	9 55 50	0♓16'56	14°15	6°10	20°10	5°15	26°17	19°41	24° 4	14°15	24°15	22°29	23°56	24°51	22°13	T 19
W20	9 59 46	1°17'30	26° 4	7°29	21°25	6° 2	26°28	19°36	24° 6	14°16	24°15	22°R30	23°53	24°58	22°18	W20
T 21	10 3 43	2°18'01	7♊54	8°50	22°39	6°49	26°39	19°31	24° 7	14°18	24°14	22°30	23°50	25° 5	22°22	T 21
F 22	10 7 39	3°18'32	19°50	10°12	23°54	7°37	26°51	19°27	24° 9	14°20	24°14	22°28	23°47	25°11	22°27	F 22
S 23	10 11 36	4°19'00	1♋57	11°35	25° 8	8°24	27° 2	19°22	24°11	14°21	24°14	22°24	23°43	25°18	22°32	S 23
S 24	10 15 32	5°19'27	14°20	13° 0	26°23	9°12	27°13	19°17	24°13	14°23	24°13	22°19	23°40	25°25	22°37	S 24
M25	10 19 29	6°19'52	27° 0	14°25	27°37	9°59	27°25	19°13	24°15	14°25	24°13	22°11	23°37	25°31	22°41	M25
T 26	10 23 25	7°20'14	10♌ 2	15°52	28°52	10°46	27°36	19° 8	24°16	14°26	24°13	22° 3	23°34	25°38	22°46	T 26
W27	10 27 22	8°20'36	23°23	17°20	0♈ 6	11°34	27°48	19° 4	24°18	14°28	24°13	21°56	23°31	25°45	22°51	W27
T 28	10 31 19	9♓20'55	7♍ 4	18♒49	1♈21	12♓21	28♈ 0	18♌59	24♐19	14♑29	24♊12	21♈49	23♈28	25♉51	22♑55	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17s10	10n15	3n22	19s55	2n13	13s41	1s31	15s31	1s 5	7n59	1s 9	15n34	1n11	23s20	0s 5	21s51	0n52	15n13	8s 6	9n13	9n38	20n49	15s35	6n20
S 2	16 53	3 59	2 23	20 2	2 2	13 15	1 31	15 15	1 5	8 2	1 9	15 35	1 11	23 20	0 5	21 51	0 52	15 13	8 6	9 11	9 37	20 51	15 34	6 20
S 3	16 35	2s32	1 15	20 9	1 51	12 49	1 31	15 0	1 5	8 6	1 8	15 37	1 11	23 21	0 5	21 51	0 52	15 13	8 6	9 10	9 35	20 54	15 33	6 20
M 4	16 18	8 59	0 2	20 14	1 39	12 22	1 31	14 44	1 5	8 10	1 8	15 39	1 11	23 21	0 5	21 51	0 52	15 13	8 5	9 10	9 34	20 56	15 32	6 20
T 5	16 0	15 2	1s12	20 19	1 28	11 55	1 31	14 28	1 4	8 13	1 8	15 40	1 11	23 21	0 5	21 50	0 52	15 13	8 5	9 10	9 33	20 58	15 31	6 21
W 6	15 42	20 21	2 22	20 22	1 17	11 28	1 31	14 12	1 4	8 17	1 8	15 42	1 11	23 21	0 5	21 50	0 52	15 14	8 5	9 10	9 32	21 1	15 30	6 21
T 7	15 23	24 31	3 23	20 25	1 7	11 0	1 30	13 56	1 4	8 21	1 7	15 44	1 12	23 21	0 5	21 50	0 52	15 14	8 5	9 9	9 31	21 3	15 29	6 21
F 8	15 4	27 12	4 12	20 26	0 56	10 32	1 30	13 40	1 4	8 24	1 7	15 45	1 12	23 21	0 5	21 50	0 52	15 14	8 5	9 8	9 30	21 6	15 28	6 21
S 9	14 45	28 8	4 46	20 27	0 45	10 4	1 30	13 23	1 4	8 28	1 7	15 47	1 12	23 21	0 5	21 49	0 52	15 14	8 4	9 6	9 29	21 8	15 26	6 22
S 10	14 26	27 13	5 2	20 26	0 35	9 35	1 29	13 7	1 4	8 32	1 7	15 49	1 12	23 22	0 5	21 49	0 52	15 14	8 4	9 2	9 27	21 11	15 25	6 22
M11	14 6	24 35	5 0	20 25	0 25	9 6	1 29	12 50	1 3	8 36	1 7	15 50	1 12	23 22	0 5	21 49	0 52	15 14	8 4	8 59	9 26	21 13	15 24	6 22
T 12	13 46	20 33	4 40	20 22	0 15	8 37	1 28	12 33	1 3	8 40	1 6	15 52	1 12	23 22	0 5	21 49	0 52	15 15	8 4	8 55	9 25	21 15	15 23	6 23
W13	13 26	15 32	4 5	20 17	0 6	8 8	1 27	12 16	1 3	8 44	1 6	15 54	1 12	23 22	0 5	21 49	0 52	15 15	8 4	8 51	9 24	21 18	15 22	6 23
T 14	13 6	9 53	3 17	20 12	0s 3	7 39	1 27	11 59	1 3	8 48	1 6	15 55	1 12	23 22	0 5	21 48	0 52	15 15	8 3	8 48	9 23	21 20	15 21	6 23
F 15	12 46	3 57	2 20	20 6	0 13	7 9	1 26	11 42	1 3	8 52	1 6	15 57	1 12	23 22	0 5	21 48	0 52	15 15	8 3	8 46	9 22	21 23	15 20	6 23
S 16	12 25	2n 0	1 17	19 58	0 21	6 39	1 25	11 25	1 2	8 56	1 5	15 58	1 12	23 22	0 5	21 48	0 52	15 15	8 3	8 44	9 20	21 25	15 19	6 24
S 17	12 4	7 45	0 12	19 49	0 30	6 9	1 24	11 7	1 2	9 0	1 5	16 0	1 12	23 22	0 5	21 48	0 52	15 15	8 3	8 44	9 19	21 27	15 18	6 24
M18	11 43	13 7	0n53	19 39	0 38	5 39	1 23	10 50	1 2	9 4	1 5	16 2	1 13	23 22	0 5	21 48	0 52	15 16	8 3	8 44	9 18	21 30	15 17	6 24
T 19	11 22	17 56	1 55	19 27	0 46	5 9	1 22	10 32	1 2	9 8	1 5	16 3	1 13	23 23	0 5	21 47	0 52	15 16	8 2	8 45	9 17	21 32	15 16	6 25
W20	11 0	22 1	2 51	19 15	0 53	4 38	1 21	10 15	1 1	9 12	1 5	16 5	1 13	23 23	0 5	21 47	0 52	15 16	8 2	8 45	9 16	21 35	15 15	6 25
T 21	10 39	25 14	3 40	19 1	1 1	4 8	1 19	9 57	1 1	9 16	1 4	16 6	1 13	23 23	0 5	21 47	0 52	15 16	8 2	8 45	9 14	21 37	15 13	6 25
F 22	10 17	27 21	4 20	18 45	1 7	3 37	1 18	9 39	1 1	9 20	1 4	16 8	1 13	23 23	0 5	21 47	0 52	15 16	8 2	8 44	9 13	21 39	15 12	6 26
S 23	9 55	28 13	4 49	18 29	1 14	3 6	1 17	9 21	1 1	9 25	1 4	16 9	1 13	23 23	0 5	21 47	0 52	15 17	8 2	8 43	9 12	21 42	15 11	6 26
S 24	9 33	27 42	5 5	18 11	1 20	2 35	1 15	9 3	1 0	9 29	1 4	16 11	1 13	23 23	0 5	21 47	0 53	15 17	8 1	8 41	9 11	21 44	15 10	6 27
M25	9 11	25 45	5 7	17 52	1 26	2 4	1 14	8 45	1 0	9 33	1 4	16 12	1 13	23 23	0 5	21 46	0 53	15 17	8 1	8 38	9 10	21 46	15 9	6 27
T 26	8 49	22 25	4 53	17 32	1 32	1 33	1 12	8 27	1 0	9 38	1 3	16 14	1 13	23 23	0 5	21 46	0 53	15 17	8 1	8 35	9 9	21 49	15 8	6 27
W27	8 26	17 51	4 23	17 10	1 37	1 2	1 11	8 8	1 0	9 42	1 3	16 15	1 13	23 23	0 5	21 46	0 53	15 17	8 1	8 32	9 7	21 51	15 7	6 28
T 28	8s 4	12n17	3n38	16s48	1s42	0s31	1s 9	7s50	0s59	9n46	1s 3	16n17	1n13	23s23	0s 5	21s46	0n53	15n18	8s 0	8n30	9n 6	21n53	15s 6	6n28

Julian Day Number = 2507823.5, Delta T = 124.51 sec
Ecliptic obliquity = 23°25'18, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°53'36, Lahiri = 26°00'37

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2154
geocentric

MARCH 2154 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 35 15	10♓21'13	21♍ 0	20♒19	2♈35	13♓ 8	28♈12	18°R55	24♐21	14♑31	24°R12	21°R43	23♈24	25♉58	23♑ 0	F 1
S 2	10 39 12	11°21'28	5♎ 8	21°50	3°49	13°56	28°24	18♌50	24°22	14°32	24♊12	21♈40	23°21	26° 5	23° 4	S 2
S 3	10 43 8	12°21'43	19°24	23°22	5° 4	14°43	28°36	18°46	24°24	14°33	24°12	21°D39	23°18	26°11	23° 9	S 3
M 4	10 47 5	13°21'56	3♏43	24°55	6°18	15°30	28°48	18°42	24°25	14°35	24°12	21°40	23°15	26°18	23°13	M 4
T 5	10 51 1	14°22'07	18° 1	26°30	7°32	16°18	29° 0	18°38	24°26	14°36	24°12	21°41	23°12	26°25	23°17	T 5
W 6	10 54 58	15°22'17	2♐16	28° 5	8°46	17° 5	29°12	18°34	24°28	14°38	24°12	21°42	23° 9	26°31	23°21	W 6
T 7	10 58 54	16°22'26	16°25	29°42	10° 0	17°52	29°25	18°30	24°29	14°39	24°12	21°R43	23° 5	26°38	23°26	T 7
F 8	11 2 51	17°22'33	0♑27	1♓19	11°14	18°39	29°37	18°26	24°30	14°40	24°D12	21°42	23° 2	26°45	23°30	F 8
S 9	11 6 48	18°22'38	14°21	2°58	12°29	19°27	29°49	18°22	24°31	14°41	24°12	21°40	22°59	26°51	23°34	S 9
S 10	11 10 44	19°22'42	28° 5	4°38	13°43	20°14	0♉ 2	18°18	24°32	14°43	24°12	21°36	22°56	26°58	23°38	S 10
M11	11 14 41	20°22'44	11♒39	6°18	14°57	21° 1	0°15	18°14	24°33	14°44	24°12	21°31	22°53	27° 5	23°42	M11
T 12	11 18 37	21°22'45	25° 0	8° 0	16°11	21°48	0°27	18°10	24°34	14°45	24°12	21°26	22°49	27°11	23°46	T 12
W13	11 22 34	22°22'44	8♓ 8	9°43	17°24	22°35	0°40	18° 7	24°35	14°46	24°12	21°21	22°46	27°18	23°49	W13
T 14	11 26 30	23°22'40	21° 1	11°28	18°38	23°22	0°53	18° 3	24°36	14°47	24°12	21°17	22°43	27°25	23°53	T 14
F 15	11 30 27	24°22'35	3♈39	13°13	19°52	24°10	1° 6	18° 0	24°37	14°48	24°12	21°15	22°40	27°31	23°57	F 15
S 16	11 34 23	25°22'28	16° 3	15° 0	21° 6	24°57	1°19	17°56	24°38	14°49	24°12	21°D14	22°37	27°38	24° 0	S 16
S 17	11 38 20	26°22'19	28°15	16°47	22°20	25°44	1°32	17°53	24°38	14°50	24°12	21°14	22°34	27°45	24° 4	S 17
M18	11 42 17	27°22'08	10♉15	18°36	23°33	26°31	1°45	17°50	24°39	14°51	24°12	21°15	22°30	27°51	24° 7	M18
T 19	11 46 13	28°21'55	22° 8	20°26	24°47	27°18	1°58	17°47	24°40	14°52	24°13	21°16	22°27	27°58	24°11	T 19
W20	11 50 10	29°21'40	3♊57	22°18	26° 1	28° 5	2°11	17°44	24°40	14°53	24°13	21°18	22°24	28° 5	24°14	W20
T 21	11 54 6	0♈21'22	15°48	24°10	27°14	28°52	2°25	17°41	24°41	14°54	24°13	21°20	22°21	28°11	24°18	T 21
F 22	11 58 3	1°21'02	27°43	26° 4	28°28	29°38	2°38	17°38	24°41	14°55	24°14	21°R20	22°18	28°18	24°21	F 22
S 23	12 1 59	2°20'40	9♋49	27°59	29°41	0♈25	2°51	17°35	24°41	14°56	24°14	21°20	22°14	28°25	24°24	S 23
S 24	12 5 56	3°20'16	22°10	29°55	0♉54	1°12	3° 5	17°32	24°42	14°57	24°14	21°19	22°11	28°31	24°27	S 24
M25	12 9 52	4°19'50	4♌51	1♈52	2° 8	1°59	3°18	17°30	24°42	14°57	24°15	21°17	22° 8	28°38	24°30	M25
T 26	12 13 49	5°19'21	17°53	3°50	3°21	2°46	3°32	17°27	24°42	14°58	24°15	21°15	22° 5	28°45	24°33	T 26
W27	12 17 46	6°18'50	1♍20	5°49	4°34	3°32	3°45	17°25	24°42	14°59	24°15	21°13	22° 2	28°51	24°36	W27
T 28	12 21 42	7°18'16	15°11	7°49	5°48	4°19	3°59	17°23	24°42	15° 0	24°16	21°11	21°59	28°58	24°39	T 28
F 29	12 25 39	8°17'41	29°23	9°50	7° 1	5° 6	4°13	17°21	24°42	15° 0	24°16	21°10	21°55	29° 5	24°41	F 29
S 30	12 29 35	9°17'03	13♎54	11°52	8°14	5°52	4°26	17°18	24°R42	15° 1	24°17	21° 9	21°52	29°11	24°44	S 30
S 31	12 33 32	10♈16'24	28♎35	13♈54	9♉27	6♈39	4♉40	17♌16	24♐42	15♑ 1	24♊17	21°D 9	21♈49	29♉18	24♑47	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	7s41	6n 0	2n38	16s24	1s47	0s 0	1s 7	7s32	0s59	9n51	1s 3	16n18	1n13	23s23	0s 5	21s46	0n53	15n18	8s 0	8n28	9n 5	21n56	15s 5	6n28
S 2	7 18	0s41	1 28	15 58	1 51	0n31	1 5	7 13	0 59	9 55	1 3	16 20	1 13	23 24	0 5	21 46	0 53	15 18	8 0	8 26	9 4	21 58	15 3	6 29
S 3	6 55	7 24	0 12	15 32	1 55	1 2	1 3	6 55	0 58	10 0	1 3	16 21	1 13	23 24	0 5	21 45	0 53	15 18	8 0	8 26	9 3	22 0	15 2	6 29
M 4	6 32	13 46	1s 5	15 4	1 58	1 33	1 2	6 36	0 58	10 4	1 2	16 22	1 13	23 24	0 5	21 45	0 53	15 19	8 0	8 26	9 2	22 3	15 1	6 30
T 5	6 9	19 24	2 19	14 35	2 1	2 4	1 0	6 17	0 58	10 8	1 2	16 24	1 13	23 24	0 5	21 45	0 53	15 19	7 59	8 27	9 0	22 5	15 0	6 30
W 6	5 46	23 55	3 23	14 4	2 4	2 36	0 58	5 59	0 57	10 13	1 2	16 25	1 13	23 24	0 5	21 45	0 53	15 19	7 59	8 27	8 59	22 7	14 59	6 31
T 7	5 22	26 57	4 15	13 33	2 7	3 7	0 56	5 40	0 57	10 17	1 2	16 26	1 13	23 24	0 5	21 45	0 53	15 19	7 59	8 27	8 58	22 9	14 58	6 31
F 8	4 59	28 16	4 51	13 0	2 9	3 38	0 53	5 21	0 57	10 22	1 2	16 27	1 13	23 24	0 5	21 45	0 53	15 19	7 59	8 27	8 57	22 12	14 57	6 31
S 9	4 36	27 47	5 9	12 26	2 10	4 8	0 51	5 2	0 56	10 26	1 2	16 29	1 13	23 24	0 6	21 44	0 53	15 20	7 58	8 26	8 56	22 14	14 56	6 32
S 10	4 12	25 35	5 10	11 51	2 11	4 39	0 49	4 43	0 56	10 31	1 1	16 30	1 13	23 24	0 6	21 44	0 53	15 20	7 58	8 25	8 55	22 16	14 55	6 32
M11	3 49	21 58	4 53	11 14	2 12	5 10	0 47	4 25	0 56	10 36	1 1	16 31	1 13	23 24	0 6	21 44	0 53	15 20	7 58	8 23	8 53	22 19	14 53	6 33
T 12	3 25	17 16	4 20	10 36	2 12	5 40	0 44	4 6	0 55	10 40	1 1	16 32	1 13	23 24	0 6	21 44	0 53	15 20	7 58	8 21	8 52	22 21	14 52	6 33
W13	3 1	11 50	3 34	9 57	2 12	6 11	0 42	3 47	0 55	10 45	1 1	16 33	1 13	23 24	0 6	21 44	0 53	15 21	7 58	8 19	8 51	22 23	14 51	6 34
T 14	2 38	5 59	2 38	9 17	2 11	6 41	0 40	3 28	0 54	10 49	1 1	16 34	1 14	23 24	0 6	21 44	0 53	15 21	7 57	8 18	8 50	22 25	14 50	6 34
F 15	2 14	0 0	1 35	8 36	2 10	7 11	0 37	3 9	0 54	10 54	1 1	16 36	1 14	23 24	0 6	21 44	0 53	15 21	7 57	8 17	8 49	22 28	14 49	6 35
S 16	1 50	5n53	0 28	7 53	2 9	7 41	0 35	2 50	0 54	10 59	1 0	16 37	1 14	23 24	0 6	21 43	0 53	15 21	7 57	8 16	8 47	22 30	14 48	6 35
S 17	1 26	11 27	0n39	7 10	2 7	8 11	0 32	2 31	0 53	11 3	1 0	16 38	1 14	23 24	0 6	21 43	0 53	15 21	7 57	8 17	8 46	22 32	14 47	6 36
M18	1 3	16 31	1 43	6 25	2 4	8 41	0 29	2 12	0 53	11 8	1 0	16 39	1 14	23 24	0 6	21 43	0 53	15 22	7 56	8 17	8 45	22 34	14 46	6 36
T 19	0 39	20 54	2 42	5 39	2 1	9 11	0 27	1 53	0 52	11 13	1 0	16 40	1 14	23 24	0 6	21 43	0 53	15 22	7 56	8 18	8 44	22 37	14 45	6 37
W20	0 15	24 26	3 34	4 52	1 58	9 40	0 24	1 34	0 52	11 17	1 0	16 40	1 14	23 25	0 6	21 43	0 53	15 22	7 56	8 18	8 43	22 39	14 44	6 37
T 21	0n 8	26 56	4 17	4 3	1 54	10 9	0 21	1 15	0 52	11 22	1 0	16 41	1 14	23 25	0 6	21 43	0 53	15 22	7 56	8 19	8 42	22 41	14 43	6 38
F 22	0 32	28 14	4 49	3 14	1 49	10 38	0 19	0 56	0 51	11 27	1 0	16 42	1 14	23 25	0 6	21 43	0 53	15 23	7 56	8 19	8 40	22 43	14 42	6 38
S 23	0 56	28 12	5 9	2 24	1 44	11 6	0 16	0 36	0 51	11 31	1 0	16 43	1 14	23 25	0 6	21 43	0 53	15 23	7 55	8 19	8 39	22 45	14 41	6 39
S 24	1 20	26 47	5 16	1 33	1 39	11 35	0 13	0 17	0 50	11 36	0 59	16 44	1 13	23 25	0 6	21 42	0 53	15 23	7 55	8 19	8 38	22 48	14 40	6 39
M25	1 43	24 0	5 7	0 41	1 33	12 3	0 10	0n 2	0 50	11 41	0 59	16 45	1 13	23 25	0 6	21 42	0 53	15 23	7 55	8 18	8 37	22 50	14 39	6 40
T 26	2 7	19 56	4 43	0n12	1 26	12 30	0 8	0 21	0 49	11 45	0 59	16 45	1 13	23 25	0 6	21 42	0 53	15 24	7 55	8 17	8 36	22 52	14 38	6 40
W27	2 30	14 46	4 2	1 6	1 19	12 58	0 5	0 39	0 49	11 50	0 59	16 46	1 13	23 25	0 6	21 42	0 53	15 24	7 54	8 16	8 34	22 54	14 37	6 41
T 28	2 54	8 42	3 6	2 1	1 11	13 25	0 2	0 58	0 48	11 55	0 59	16 47	1 13	23 25	0 6	21 42	0 53	15 24	7 54	8 16	8 33	22 56	14 36	6 41
F 29	3 17	2 2	1 58	2 56	1 3	13 52	0n 1	1 17	0 48	12 0	0 59	16 47	1 13	23 25	0 6	21 42	0 53	15 24	7 54	8 15	8 32	22 58	14 35	6 42
S 30	3 41	4s52	0 40	3 51	0 54	14 18	0 4	1 36	0 48	12 4	0 59	16 48	1 13	23 25	0 6	21 42	0 53	15 24	7 54	8 15	8 31	23 1	14 34	6 42
S 31	4n 4	11s36	0s41	4n47	0s45	14n44	0n 7	1n55	0s47	12n 9	0s59	16n49	1n13	23s25	0s 6	21s42	0n53	15n25	7s54	8n15	8n30	23n 3	14s33	6n43

Julian Day Number = 2507851.5, Delta T = 124.56 sec
Ecliptic obliquity = 23°25'18, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°53'40, Lahiri = 26°00'40

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2154
geocentric

APRIL 2154 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 37 28	11♈15'42	13♏22	15♈57	10♉40	7♈26	4♉54	17°R15	24°R42	15♐ 2	24♊18	21♈10	21♈46	29♉25	24♐49	M 1
T 2	12 41 25	12°14'59	28° 6	18° 0	11°53	8°12	5° 8	17♌13	24♑42	15° 2	24°18	21°10	21°43	29°31	24°52	T 2
W 3	12 45 21	13°14'14	12♑42	20° 3	13° 5	8°59	5°21	17°11	24°42	15° 3	24°19	21°11	21°40	29°38	24°54	W 3
T 4	12 49 18	14°13'27	27° 5	22° 6	14°18	9°45	5°35	17°10	24°42	15° 3	24°19	21°12	21°36	29°45	24°56	T 4
F 5	12 53 15	15°12'39	11♐12	24° 8	15°31	10°32	5°49	17° 8	24°41	15° 4	24°20	21°R12	21°33	29°51	24°58	F 5
S 6	12 57 11	16°11'49	25° 2	26° 9	16°44	11°18	6° 3	17° 7	24°41	15° 4	24°20	21°12	21°30	29°58	25° 1	S 6
S 7	13 1 8	17°10'57	8♒34	28° 9	17°56	12° 4	6°17	17° 5	24°41	15° 5	24°21	21°12	21°27	0♊ 5	25° 3	S 7
M 8	13 5 4	18°10'03	21°49	0♉ 7	19° 9	12°51	6°31	17° 4	24°40	15° 5	24°22	21°11	21°24	0°11	25° 5	M 8
T 9	13 9 1	19° 9'08	4♓49	2° 3	20°21	13°37	6°45	17° 3	24°40	15° 5	24°22	21°11	21°20	0°18	25° 7	T 9
W10	13 12 57	20° 8'10	17°34	3°57	21°34	14°23	6°59	17° 2	24°39	15° 5	24°23	21°11	21°17	0°25	25° 8	W10
T 11	13 16 54	21° 7'11	0♈ 6	5°48	22°46	15° 9	7°13	17° 1	24°39	15° 6	24°24	21°D11	21°14	0°31	25°10	T 11
F 12	13 20 50	22° 6'10	12°26	7°36	23°58	15°56	7°28	17° 1	24°38	15° 6	24°25	21°11	21°11	0°38	25°12	F 12
S 13	13 24 47	23° 5'07	24°36	9°20	25°11	16°42	7°42	17° 0	24°37	15° 6	24°25	21°R11	21° 8	0°45	25°13	S 13
S 14	13 28 43	24° 4'01	6♉38	11° 1	26°23	17°28	7°56	16°59	24°36	15° 6	24°26	21°11	21° 5	0°51	25°15	S 14
M15	13 32 40	25° 2'54	18°34	12°38	27°35	18°14	8°10	16°59	24°36	15° 6	24°27	21°10	21° 1	0°58	25°16	M15
T 16	13 36 37	26° 1'45	0♊24	14°10	28°47	19° 0	8°24	16°59	24°35	15° 6	24°28	21°10	20°58	1° 5	25°18	T 16
W17	13 40 33	27° 0'34	12°14	15°38	29°59	19°46	8°38	16°59	24°34	15°R 6	24°28	21° 9	20°55	1°11	25°19	W17
T 18	13 44 30	27°59'20	24° 4	17° 1	1♊11	20°32	8°53	16°D59	24°33	15° 6	24°29	21° 8	20°52	1°18	25°20	T 18
F 19	13 48 26	28°58'05	6♋ 0	18°19	2°23	21°18	9° 7	16°59	24°32	15° 6	24°30	21° 7	20°49	1°25	25°21	F 19
S 20	13 52 23	29°56'47	18° 5	19°33	3°35	22° 4	9°21	16°59	24°31	15° 6	24°31	21° 7	20°46	1°31	25°22	S 20
S 21	13 56 19	0♉55'27	0♌23	20°40	4°46	22°49	9°35	16°59	24°30	15° 6	24°32	21°D 7	20°42	1°38	25°23	S 21
M22	14 0 16	1°54'05	12°59	21°43	5°58	23°35	9°50	16°59	24°29	15° 6	24°33	21° 7	20°39	1°45	25°24	M22
T 23	14 4 12	2°52'40	25°57	22°40	7° 9	24°21	10° 4	17° 0	24°27	15° 5	24°34	21° 7	20°36	1°52	25°25	T 23
W24	14 8 9	3°51'14	9♍20	23°31	8°21	25° 6	10°18	17° 0	24°26	15° 5	24°35	21° 8	20°33	1°58	25°26	W24
T 25	14 12 6	4°49'45	23° 9	24°17	9°32	25°52	10°33	17° 1	24°25	15° 5	24°36	21°10	20°30	2° 5	25°26	T 25
F 26	14 16 2	5°48'14	7♎25	24°57	10°44	26°38	10°47	17° 2	24°24	15° 5	24°37	21°10	20°26	2°12	25°27	F 26
S 27	14 19 59	6°46'41	22° 3	25°31	11°55	27°23	11° 1	17° 3	24°22	15° 4	24°38	21°R11	20°23	2°18	25°27	S 27
S 28	14 23 55	7°45'06	7♏ 0	26° 0	13° 6	28° 8	11°16	17° 4	24°21	15° 4	24°39	21°10	20°20	2°25	25°28	S 28
M29	14 27 52	8°43'29	22° 7	26°22	14°17	28°54	11°30	17° 5	24°19	15° 4	24°40	21° 9	20°17	2°32	25°28	M29
T 30	14 31 48	9♉41'51	7♑14	26♉39	15♊28	29♈39	11♉44	17♌ 6	24♑18	15♐ 3	24♊41	21♈ 7	20♈14	2♊38	25♐28	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	4n27	17s45	2s 0	5n44	0s36	15n10	0n10	2n14	0s47	12n14	0s58	16n49	1n13	23s25	0s 6	21s42	0n53	15n25	7s53	8n15	8n29	23n 5	14s32	6n44
T 2	4 50	22 49	3 11	6 40	0 26	15 36	0 13	2 33	0 46	12 18	0 58	16 50	1 13	23 25	0 6	21 42	0 53	15 25	7 53	8 15	8 27	23 7	14 31	6 44
W 3	5 13	26 25	4 9	7 36	0 15	16 1	0 16	2 51	0 46	12 23	0 58	16 50	1 13	23 25	0 6	21 42	0 53	15 25	7 53	8 16	8 26	23 9	14 30	6 45
T 4	5 36	28 13	4 50	8 32	0 4	16 25	0 19	3 10	0 45	12 28	0 58	16 51	1 13	23 25	0 6	21 41	0 53	15 26	7 53	8 16	8 25	23 11	14 29	6 45
F 5	5 59	28 8	5 12	9 27	0n 7	16 50	0 22	3 29	0 45	12 32	0 58	16 51	1 13	23 25	0 6	21 41	0 53	15 26	7 53	8 16	8 24	23 13	14 28	6 46
S 6	6 22	26 18	5 17	10 22	0 18	17 13	0 25	3 47	0 44	12 37	0 58	16 51	1 13	23 25	0 6	21 41	0 53	15 26	7 52	8 16	8 23	23 16	14 27	6 46
S 7	6 45	22 59	5 3	11 16	0 29	17 37	0 28	4 6	0 44	12 42	0 58	16 52	1 13	23 25	0 6	21 41	0 53	15 26	7 52	8 16	8 21	23 18	14 26	6 47
M 8	7 7	18 32	4 33	12 8	0 41	18 0	0 31	4 24	0 43	12 47	0 58	16 52	1 13	23 25	0 6	21 41	0 53	15 27	7 52	8 16	8 20	23 20	14 25	6 48
T 9	7 30	13 18	3 50	13 0	0 52	18 22	0 34	4 43	0 43	12 51	0 58	16 52	1 13	23 25	0 6	21 41	0 53	15 27	7 52	8 16	8 19	23 22	14 24	6 48
W10	7 52	7 37	2 56	13 49	1 4	18 44	0 37	5 1	0 42	12 56	0 57	16 53	1 13	23 25	0 6	21 41	0 53	15 27	7 52	8 15	8 18	23 24	14 23	6 49
T 11	8 14	1 43	1 54	14 37	1 15	19 6	0 40	5 20	0 42	13 1	0 57	16 53	1 13	23 25	0 6	21 41	0 53	15 27	7 51	8 15	8 17	23 26	14 22	6 49
F 12	8 36	4n10	0 48	15 23	1 26	19 27	0 43	5 38	0 41	13 5	0 57	16 53	1 13	23 25	0 6	21 41	0 53	15 28	7 51	8 15	8 15	23 28	14 21	6 50
S 13	8 58	9 49	0n19	16 7	1 37	19 48	0 46	5 56	0 41	13 10	0 57	16 53	1 13	23 25	0 6	21 41	0 53	15 28	7 51	8 15	8 14	23 30	14 21	6 50
S 14	9 20	15 3	1 25	16 49	1 47	20 8	0 49	6 14	0 40	13 15	0 57	16 53	1 13	23 25	0 6	21 41	0 53	15 28	7 51	8 15	8 13	23 32	14 20	6 51
M15	9 41	19 41	2 26	17 28	1 56	20 27	0 52	6 32	0 39	13 19	0 57	16 53	1 13	23 25	0 6	21 41	0 53	15 28	7 51	8 15	8 12	23 34	14 19	6 52
T 16	10 3	23 30	3 21	18 5	2 6	20 46	0 55	6 50	0 39	13 24	0 57	16 54	1 13	23 25	0 6	21 41	0 53	15 28	7 50	8 15	8 11	23 37	14 18	6 52
W17	10 24	26 19	4 7	18 39	2 14	21 5	0 58	7 8	0 38	13 28	0 57	16 54	1 13	23 25	0 6	21 41	0 53	15 29	7 50	8 15	8 10	23 39	14 17	6 53
T 18	10 45	27 59	4 42	19 10	2 22	21 23	1 1	7 26	0 38	13 33	0 57	16 54	1 13	23 25	0 6	21 41	0 53	15 29	7 50	8 14	8 8	23 41	14 16	6 53
F 19	11 6	28 23	5 6	19 39	2 29	21 40	1 4	7 43	0 37	13 38	0 57	16 54	1 13	23 25	0 6	21 41	0 54	15 29	7 50	8 14	8 7	23 43	14 16	6 54
S 20	11 27	27 26	5 16	20 5	2 35	21 57	1 7	8 1	0 37	13 42	0 57	16 53	1 13	23 25	0 6	21 41	0 54	15 29	7 50	8 14	8 6	23 45	14 15	6 55
S 21	11 47	25 8	5 13	20 29	2 40	22 13	1 10	8 19	0 36	13 47	0 57	16 53	1 13	23 25	0 6	21 41	0 54	15 30	7 49	8 14	8 5	23 47	14 14	6 55
M22	12 8	21 36	4 54	20 49	2 44	22 29	1 13	8 36	0 36	13 51	0 56	16 53	1 13	23 25	0 6	21 41	0 54	15 30	7 49	8 14	8 4	23 49	14 13	6 56
T 23	12 28	16 56	4 20	21 7	2 47	22 44	1 16	8 53	0 35	13 56	0 56	16 53	1 13	23 25	0 6	21 41	0 54	15 30	7 49	8 14	8 2	23 51	14 13	6 56
W24	12 48	11 20	3 32	21 23	2 50	22 58	1 18	9 10	0 34	14 1	0 56	16 53	1 13	23 24	0 6	21 41	0 54	15 30	7 49	8 15	8 1	23 53	14 12	6 57
T 25	13 7	5 0	2 29	21 35	2 51	23 12	1 21	9 28	0 34	14 5	0 56	16 53	1 12	23 24	0 6	21 41	0 54	15 30	7 49	8 15	8 0	23 55	14 11	6 58
F 26	13 27	1s47	1 15	21 45	2 51	23 25	1 24	9 45	0 33	14 10	0 56	16 52	1 12	23 24	0 6	21 41	0 54	15 31	7 48	8 15	7 59	23 57	14 11	6 58
S 27	13 46	8 40	0s 5	21 52	2 49	23 38	1 27	10 1	0 33	14 14	0 56	16 52	1 12	23 24	0 6	21 41	0 54	15 31	7 48	8 15	7 58	23 59	14 10	6 59
S 28	14 5	15 12	1 26	21 57	2 47	23 50	1 29	10 18	0 32	14 19	0 56	16 52	1 12	23 24	0 6	21 41	0 54	15 31	7 48	8 15	7 56	24 1	14 9	6 59
M29	14 24	20 54	2 43	21 58	2 43	24 1	1 32	10 35	0 32	14 23	0 56	16 51	1 12	23 24	0 6	21 41	0 54	15 31	7 48	8 15	7 55	24 3	14 9	7 0
T 30	14n42	25s14	3s48	21n58	2n38	24n12	1n35	10n51	0s31	14n27	0s56	16n51	1n12	23s24	0s 6	21s41	0n54	15n31	7s48	8n14	7n54	24n 5	14s 8	7n 1

Julian Day Number = 2507882.5, Delta T = 124.62 sec
Ecliptic obliquity = 23°25'18, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°53'44, Lahiri = 26°00'45

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2154
geocentric

MAY 2154 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 35 45	10♉40'11	22♐13	26♉51	16♊39	0♉25	11♉59	17♌ 7	24°R16	15°R 3	24♊42	21°R 4	20♈11	2♊45	25♑28	W 1
T 2	14 39 41	11°38'29	6♑55	26°56	17°50	1°10	12°13	17° 9	24♐15	15♑ 2	24°43	21♈ 2	20° 7	2°52	25°R29	T 2
F 3	14 43 38	12°36'46	21°16	26°R56	19° 0	1°55	12°27	17°10	24°13	15° 2	24°44	21° 0	20° 4	2°58	25°29	F 3
S 4	14 47 35	13°35'02	5♒12	26°51	20°11	2°40	12°42	17°12	24°12	15° 1	24°45	20°59	20° 1	3° 5	25°28	S 4
S 5	14 51 31	14°33'16	18°43	26°41	21°21	3°25	12°56	17°14	24°10	15° 1	24°46	20°D59	19°58	3°12	25°28	S 5
M 6	14 55 28	15°31'28	1♓51	26°26	22°32	4°10	13°10	17°15	24° 8	15° 0	24°47	20°59	19°55	3°18	25°28	M 6
T 7	14 59 24	16°29'39	14°39	26° 7	23°42	4°55	13°25	17°17	24° 7	14°59	24°48	21° 1	19°52	3°25	25°28	T 7
W 8	15 3 21	17°27'48	27°10	25°44	24°53	5°40	13°39	17°19	24° 5	14°59	24°50	21° 3	19°48	3°32	25°27	W 8
T 9	15 7 17	18°25'56	9♈26	25°17	26° 3	6°25	13°53	17°22	24° 3	14°58	24°51	21° 4	19°45	3°38	25°27	T 9
F 10	15 11 14	19°24'03	21°33	24°47	27°13	7°10	14° 8	17°24	24° 1	14°57	24°52	21°R 4	19°42	3°45	25°26	F 10
S 11	15 15 10	20°22'08	3♉32	24°14	28°23	7°55	14°22	17°26	23°59	14°57	24°53	21° 4	19°39	3°52	25°26	S 11
S 12	15 19 7	21°20'11	15°25	23°40	29°33	8°40	14°36	17°29	23°57	14°56	24°54	21° 1	19°36	3°58	25°25	S 12
M13	15 23 4	22°18'13	27°16	23° 4	0♋42	9°25	14°51	17°31	23°55	14°55	24°55	20°58	19°32	4° 5	25°24	M13
T 14	15 27 0	23°16'13	9♊ 5	22°28	1°52	10° 9	15° 5	17°34	23°53	14°54	24°57	20°53	19°29	4°12	25°23	T 14
W15	15 30 57	24°14'12	20°56	21°52	3° 2	10°54	15°19	17°37	23°51	14°53	24°58	20°47	19°26	4°19	25°22	W15
T 16	15 34 53	25°12'09	2♋49	21°16	4°11	11°38	15°33	17°39	23°49	14°53	24°59	20°41	19°23	4°25	25°21	T 16
F 17	15 38 50	26°10'05	14°48	20°42	5°20	12°23	15°48	17°42	23°47	14°52	25° 0	20°35	19°20	4°32	25°20	F 17
S 18	15 42 46	27° 7'58	26°55	20° 9	6°30	13° 7	16° 2	17°45	23°45	14°51	25° 2	20°30	19°17	4°39	25°19	S 18
S 19	15 46 43	28° 5'50	9♌13	19°39	7°39	13°52	16°16	17°48	23°43	14°50	25° 3	20°27	19°13	4°45	25°18	S 19
M20	15 50 40	29° 3'41	21°47	19°12	8°48	14°36	16°30	17°52	23°41	14°49	25° 4	20°25	19°10	4°52	25°16	M20
T 21	15 54 36	0♊ 1'29	4♍40	18°48	9°57	15°20	16°44	17°55	23°39	14°48	25° 6	20°D25	19° 7	4°59	25°15	T 21
W22	15 58 33	0°59'16	17°55	18°27	11° 5	16° 5	16°58	17°58	23°36	14°47	25° 7	20°26	19° 4	5° 5	25°13	W22
T 23	16 2 29	1°57'01	1♎36	18°11	12°14	16°49	17°12	18° 2	23°34	14°46	25° 8	20°27	19° 1	5°12	25°12	T 23
F 24	16 6 26	2°54'45	15°43	17°58	13°22	17°33	17°26	18° 6	23°32	14°45	25° 9	20°R28	18°57	5°19	25°10	F 24
S 25	16 10 22	3°52'27	0♏17	17°50	14°31	18°17	17°40	18° 9	23°30	14°43	25°11	20°28	18°54	5°25	25° 8	S 25
S 26	16 14 19	4°50'07	15°13	17°D46	15°39	19° 1	17°54	18°13	23°27	14°42	25°12	20°26	18°51	5°32	25° 7	S 26
M27	16 18 15	5°47'46	0♐24	17°46	16°47	19°45	18° 8	18°17	23°25	14°41	25°13	20°22	18°48	5°39	25° 5	M27
T 28	16 22 12	6°45'24	15°42	17°51	17°55	20°29	18°22	18°21	23°23	14°40	25°15	20°16	18°45	5°45	25° 3	T 28
W29	16 26 9	7°43'01	0♑54	18° 1	19° 3	21°13	18°36	18°25	23°21	14°39	25°16	20° 9	18°42	5°52	25° 1	W29
T 30	16 30 5	8°40'37	15°52	18°15	20°10	21°57	18°50	18°29	23°18	14°38	25°17	20° 2	18°38	5°59	24°59	T 30
F 31	16 34 2	9♊38'12	0♒26	18♉34	21♋18	22♉40	19♉ 4	18♌33	23♐16	14♑36	25♊19	19♈56	18♈35	6♊ 6	24♑57	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	15n 1	27s47	4s36	21n54	2n32	24n22	1n37	11n 8	0s30	14n32	0s56	16n50	1n12	23s24	0s 6	21s41	0n54	15n32	7s48	8n13	7n53	24n 7	14s 7	7n 1
T 2	15 19	28 20	5 6	21 48	2 25	24 31	1 40	11 24	0 30	14 36	0 56	16 50	1 12	23 24	0 6	21 41	0 54	15 32	7 47	8 12	7 52	24 9	14 7	7 2
F 3	15 37	26 56	5 15	21 40	2 16	24 40	1 42	11 40	0 29	14 41	0 56	16 49	1 12	23 24	0 6	21 41	0 54	15 32	7 47	8 11	7 50	24 11	14 6	7 2
S 4	15 54	23 53	5 6	21 29	2 6	24 48	1 44	11 57	0 29	14 45	0 56	16 49	1 12	23 24	0 6	21 41	0 54	15 32	7 47	8 11	7 49	24 13	14 6	7 3
S 5	16 12	19 37	4 39	21 16	1 55	24 55	1 47	12 12	0 28	14 49	0 56	16 48	1 12	23 24	0 6	21 41	0 54	15 32	7 47	8 11	7 48	24 15	14 5	7 4
M 6	16 29	14 31	3 59	21 0	1 43	25 1	1 49	12 28	0 27	14 54	0 56	16 48	1 12	23 24	0 6	21 41	0 54	15 33	7 47	8 11	7 47	24 16	14 5	7 4
T 7	16 45	8 55	3 7	20 43	1 29	25 7	1 51	12 44	0 27	14 58	0 56	16 47	1 12	23 24	0 6	21 41	0 54	15 33	7 47	8 12	7 46	24 18	14 4	7 5
W 8	17 2	3 5	2 8	20 23	1 15	25 13	1 53	13 0	0 26	15 3	0 56	16 46	1 12	23 24	0 6	21 41	0 54	15 33	7 47	8 12	7 44	24 20	14 4	7 5
T 9	17 18	2n46	1 3	20 2	1 0	25 17	1 55	13 15	0 26	15 7	0 55	16 46	1 12	23 24	0 6	21 41	0 54	15 33	7 46	8 13	7 43	24 22	14 3	7 6
F 10	17 34	8 26	0n 3	19 39	0 44	25 21	1 57	13 30	0 25	15 11	0 55	16 45	1 12	23 24	0 6	21 41	0 54	15 33	7 46	8 13	7 42	24 24	14 3	7 6
S 11	17 50	13 45	1 8	19 15	0 27	25 24	1 59	13 45	0 24	15 15	0 55	16 44	1 12	23 24	0 6	21 41	0 54	15 34	7 46	8 13	7 41	24 26	14 2	7 7
S 12	18 5	18 31	2 9	18 50	0 10	25 27	2 1	14 0	0 24	15 20	0 55	16 43	1 12	23 23	0 6	21 42	0 54	15 34	7 46	8 12	7 40	24 28	14 2	7 8
M13	18 20	22 32	3 5	18 25	0s 7	25 28	2 3	14 15	0 23	15 24	0 55	16 43	1 12	23 23	0 6	21 42	0 54	15 34	7 46	8 11	7 38	24 30	14 1	7 8
T 14	18 35	25 38	3 53	17 59	0 25	25 29	2 5	14 30	0 22	15 28	0 55	16 42	1 12	23 23	0 6	21 42	0 54	15 34	7 46	8 9	7 37	24 32	14 1	7 9
W15	18 49	27 36	4 30	17 32	0 42	25 30	2 7	14 44	0 22	15 32	0 55	16 41	1 12	23 23	0 6	21 42	0 54	15 34	7 46	8 6	7 36	24 34	14 1	7 9
T 16	19 3	28 19	4 56	17 6	1 0	25 29	2 8	14 59	0 21	15 36	0 55	16 40	1 11	23 23	0 6	21 42	0 54	15 34	7 45	8 4	7 35	24 36	14 0	7 10
F 17	19 17	27 43	5 9	16 41	1 17	25 28	2 10	15 13	0 21	15 40	0 55	16 39	1 11	23 23	0 6	21 42	0 54	15 35	7 45	8 2	7 34	24 37	14 0	7 10
S 18	19 30	25 48	5 9	16 16	1 33	25 27	2 11	15 27	0 20	15 45	0 55	16 38	1 11	23 23	0 7	21 42	0 54	15 35	7 45	8 0	7 32	24 39	14 0	7 11
S 19	19 43	22 40	4 54	15 53	1 49	25 24	2 13	15 41	0 19	15 49	0 55	16 37	1 11	23 23	0 7	21 42	0 54	15 35	7 45	7 59	7 31	24 41	13 59	7 11
M20	19 56	18 25	4 26	15 31	2 4	25 21	2 14	15 55	0 19	15 53	0 55	16 36	1 11	23 23	0 7	21 42	0 54	15 35	7 45	7 58	7 30	24 43	13 59	7 12
T 21	20 8	13 15	3 43	15 11	2 18	25 18	2 15	16 8	0 18	15 57	0 55	16 35	1 11	23 23	0 7	21 42	0 54	15 35	7 45	7 58	7 29	24 45	13 59	7 12
W22	20 20	7 21	2 47	14 52	2 32	25 13	2 16	16 22	0 17	16 1	0 55	16 34	1 11	23 23	0 7	21 42	0 54	15 35	7 45	7 59	7 28	24 47	13 58	7 13
T 23	20 32	0 54	1 41	14 36	2 44	25 8	2 17	16 35	0 17	16 5	0 55	16 33	1 11	23 22	0 7	21 43	0 54	15 36	7 45	7 59	7 26	24 48	13 58	7 14
F 24	20 44	5s47	0 26	14 22	2 55	25 2	2 18	16 48	0 16	16 9	0 55	16 32	1 11	23 22	0 7	21 43	0 54	15 36	7 44	7 59	7 25	24 50	13 58	7 14
S 25	20 55	12 23	0s53	14 10	3 6	24 56	2 19	17 1	0 15	16 13	0 55	16 30	1 11	23 22	0 7	21 43	0 54	15 36	7 44	7 59	7 24	24 52	13 58	7 15
S 26	21 5	18 27	2 10	14 0	3 15	24 49	2 20	17 14	0 15	16 17	0 55	16 29	1 11	23 22	0 7	21 43	0 54	15 36	7 44	7 58	7 23	24 54	13 58	7 15
M27	21 15	23 28	3 19	13 52	3 23	24 41	2 20	17 26	0 14	16 20	0 55	16 28	1 11	23 22	0 7	21 43	0 54	15 36	7 44	7 57	7 22	24 56	13 57	7 16
T 28	21 25	26 52	4 14	13 47	3 30	24 33	2 21	17 38	0 13	16 24	0 55	16 27	1 11	23 22	0 7	21 43	0 54	15 36	7 44	7 55	7 20	24 58	13 57	7 16
W29	21 35	28 16	4 51	13 44	3 36	24 24	2 21	17 51	0 13	16 28	0 55	16 25	1 11	23 22	0 7	21 43	0 54	15 37	7 44	7 52	7 19	24 59	13 57	7 17
T 30	21 44	27 33	5 7	13 43	3 40	24 14	2 22	18 3	0 12	16 32	0 55	16 24	1 11	23 22	0 7	21 43	0 54	15 37	7 44	7 50	7 18	25 1	13 57	7 17
F 31	21n53	24s58	5s 2	13n45	3s44	24n 4	2n22	18n14	0s12	16n36	0s55	16n23	1n11	23s22	0s 7	21s43	0n54	15n37	7s44	7n47	7n17	25n 3	13s57	7n17

Julian Day Number = 2507912.5, Delta T = 124.68 sec
Ecliptic obliquity = 23°25'18, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°53'48, Lahiri = 26°00'49

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2154
geocentric

JUNE 2154 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 37 58	10♊35'45	14♒32	18♉57	22♋25	23♉24	19♉18	18♌37	23°R13	14°R35	25♊20	19°R51	18♈32	6♊12	24°R55	S 1
S 2	16 41 55	11°33'18	28°10	19°24	23°32	24° 8	19°32	18°42	23♐11	14♑34	25°22	19♈48	18°29	6°19	24♑52	S 2
M 3	16 45 51	12°30'50	11♓19	19°55	24°39	24°51	19°45	18°46	23° 9	14°33	25°23	19°D47	18°26	6°26	24°50	M 3
T 4	16 49 48	13°28'22	24° 4	20°31	25°46	25°35	19°59	18°51	23° 6	14°31	25°24	19°48	18°23	6°32	24°48	T 4
W 5	16 53 44	14°25'52	6♈30	21°10	26°53	26°18	20°13	18°55	23° 4	14°30	25°26	19°49	18°19	6°39	24°45	W 5
T 6	16 57 41	15°23'22	18°39	21°54	28° 0	27° 2	20°26	19° 0	23° 1	14°29	25°27	19°R49	18°16	6°46	24°43	T 6
F 7	17 1 38	16°20'51	0♉38	22°41	29° 6	27°45	20°40	19° 5	22°59	14°27	25°29	19°49	18°13	6°52	24°40	F 7
S 8	17 5 34	17°18'19	12°31	23°32	0♌12	28°29	20°53	19°10	22°57	14°26	25°30	19°46	18°10	6°59	24°38	S 8
S 9	17 9 31	18°15'46	24°20	24°26	1°18	29°12	21° 7	19°14	22°54	14°24	25°31	19°41	18° 7	7° 6	24°35	S 9
M10	17 13 27	19°13'13	6♊ 9	25°25	2°24	29°55	21°20	19°19	22°52	14°23	25°33	19°34	18° 3	7°12	24°32	M10
T 11	17 17 24	20°10'39	17°59	26°26	3°30	0♊38	21°34	19°25	22°49	14°22	25°34	19°24	18° 0	7°19	24°30	T 11
W12	17 21 20	21° 8'04	29°54	27°31	4°35	1°21	21°47	19°30	22°47	14°20	25°36	19°13	17°57	7°26	24°27	W12
T 13	17 25 17	22° 5'28	11♋53	28°39	5°40	2° 4	22° 0	19°35	22°44	14°19	25°37	19° 1	17°54	7°32	24°24	T 13
F 14	17 29 13	23° 2'52	23°59	29°51	6°45	2°47	22°14	19°40	22°42	14°17	25°38	18°50	17°51	7°39	24°21	F 14
S 15	17 33 10	24° 0'14	6♌14	1♊ 5	7°50	3°30	22°27	19°46	22°39	14°16	25°40	18°40	17°48	7°46	24°18	S 15
S 16	17 37 7	24°57'36	18°38	2°23	8°55	4°13	22°40	19°51	22°37	14°14	25°41	18°33	17°44	7°53	24°15	S 16
M17	17 41 3	25°54'56	1♍15	3°44	9°59	4°56	22°53	19°56	22°34	14°13	25°43	18°28	17°41	7°59	24°12	M17
T 18	17 45 0	26°52'16	14° 8	5° 8	11° 3	5°39	23° 6	20° 2	22°32	14°11	25°44	18°25	17°38	8° 6	24° 9	T 18
W19	17 48 56	27°49'35	27°19	6°36	12° 7	6°21	23°19	20° 8	22°29	14°10	25°45	18°D24	17°35	8°13	24° 6	W19
T 20	17 52 53	28°46'53	10♎52	8° 6	13°11	7° 4	23°32	20°13	22°27	14° 8	25°47	18°R25	17°32	8°19	24° 3	T 20
F 21	17 56 49	29°44'10	24°49	9°39	14°14	7°47	23°45	20°19	22°25	14° 7	25°48	18°25	17°29	8°26	23°59	F 21
S 22	18 0 46	0♋41'26	9♏10	11°15	15°17	8°29	23°58	20°25	22°22	14° 5	25°50	18°23	17°25	8°33	23°56	S 22
S 23	18 4 42	1°38'41	23°54	12°55	16°20	9°12	24°11	20°31	22°20	14° 3	25°51	18°20	17°22	8°39	23°53	S 23
M24	18 8 39	2°35'56	8♐55	14°37	17°23	9°54	24°23	20°37	22°17	14° 2	25°53	18°13	17°19	8°46	23°50	M24
T 25	18 12 36	3°33'11	24° 6	16°22	18°25	10°36	24°36	20°43	22°15	14° 0	25°54	18° 5	17°16	8°53	23°46	T 25
W26	18 16 32	4°30'25	9♑16	18°10	19°27	11°19	24°48	20°49	22°12	13°59	25°55	17°55	17°13	8°59	23°43	W26
T 27	18 20 29	5°27'38	24°16	20° 0	20°29	12° 1	25° 1	20°55	22°10	13°57	25°57	17°44	17°10	9° 6	23°39	T 27
F 28	18 24 25	6°24'52	8♒55	21°53	21°30	12°43	25°13	21° 1	22° 8	13°55	25°58	17°35	17° 6	9°13	23°36	F 28
S 29	18 28 22	7°22'05	23° 7	23°49	22°31	13°25	25°26	21° 7	22° 5	13°54	26° 0	17°27	17° 3	9°20	23°33	S 29
S 30	18 32 18	8♋19'18	6♓51	25♊48	23♌32	14♊ 7	25♉38	21♌13	22♐ 3	13♑52	26♊ 1	17♈21	17♈ 0	9♊26	23♑29	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n 1	20s55	4s40	13n48	3s47	23n53	2n22	18n26	0s11	16n39	0s55	16n21	1n11	23s22	0s 7	21s44	0n54	15n37	7s44	7n45	7n16	25n 5	13s57	7n18
S 2	22 9	15 53	4 2	13 54	3 49	23 42	2 22	18 38	0 10	16 43	0 55	16 20	1 11	23 21	0 7	21 44	0 54	15 37	7 44	7 44	7 14	25 6	13 57	7 18
M 3	22 17	10 16	3 12	14 1	3 49	23 30	2 22	18 49	0 10	16 47	0 55	16 19	1 11	23 21	0 7	21 44	0 54	15 37	7 43	7 44	7 13	25 8	13 57	7 19
T 4	22 24	4 24	2 14	14 11	3 49	23 18	2 22	19 0	0 9	16 51	0 55	16 17	1 11	23 21	0 7	21 44	0 54	15 37	7 43	7 44	7 12	25 10	13 57	7 19
W 5	22 31	1n29	1 11	14 22	3 48	23 5	2 21	19 11	0 8	16 54	0 55	16 16	1 11	23 21	0 7	21 44	0 54	15 37	7 43	7 45	7 11	25 12	13 57	7 20
T 6	22 37	7 13	0 6	14 35	3 46	22 51	2 21	19 21	0 8	16 58	0 55	16 14	1 11	23 21	0 7	21 44	0 54	15 38	7 43	7 45	7 10	25 13	13 57	7 20
F 7	22 43	12 35	0n58	14 49	3 44	22 37	2 20	19 32	0 7	17 1	0 55	16 13	1 11	23 21	0 7	21 44	0 54	15 38	7 43	7 45	7 8	25 15	13 57	7 21
S 8	22 49	17 28	1 58	15 5	3 40	22 22	2 20	19 42	0 6	17 5	0 55	16 11	1 11	23 21	0 7	21 45	0 54	15 38	7 43	7 44	7 7	25 17	13 57	7 21
S 9	22 54	21 39	2 54	15 23	3 36	22 7	2 19	19 52	0 6	17 8	0 55	16 10	1 11	23 21	0 7	21 45	0 54	15 38	7 43	7 42	7 6	25 19	13 57	7 21
M10	22 59	24 57	3 41	15 41	3 31	21 51	2 18	20 2	0 5	17 12	0 55	16 8	1 11	23 21	0 7	21 45	0 54	15 38	7 43	7 39	7 5	25 20	13 57	7 22
T 11	23 3	27 11	4 19	16 1	3 25	21 35	2 17	20 12	0 4	17 15	0 55	16 6	1 11	23 20	0 7	21 45	0 54	15 38	7 43	7 35	7 3	25 22	13 57	7 22
W12	23 8	28 11	4 46	16 21	3 19	21 18	2 16	20 22	0 4	17 19	0 55	16 5	1 11	23 20	0 7	21 45	0 54	15 38	7 43	7 31	7 2	25 24	13 57	7 23
T 13	23 11	27 53	5 0	16 43	3 12	21 1	2 15	20 31	0 3	17 22	0 55	16 3	1 11	23 20	0 7	21 45	0 54	15 38	7 43	7 27	7 1	25 25	13 57	7 23
F 14	23 14	26 14	5 2	17 6	3 5	20 43	2 13	20 40	0 2	17 26	0 55	16 1	1 10	23 20	0 7	21 45	0 54	15 38	7 43	7 22	7 0	25 27	13 57	7 23
S 15	23 17	23 22	4 49	17 29	2 57	20 25	2 12	20 49	0 2	17 29	0 55	16 0	1 10	23 20	0 7	21 46	0 54	15 39	7 43	7 19	6 59	25 29	13 57	7 24
S 16	23 20	19 23	4 23	17 52	2 48	20 6	2 10	20 58	0 1	17 32	0 55	15 58	1 10	23 20	0 7	21 46	0 54	15 39	7 43	7 16	6 57	25 30	13 57	7 24
M17	23 22	14 30	3 43	18 17	2 39	19 47	2 8	21 6	0 0	17 36	0 55	15 56	1 10	23 20	0 7	21 46	0 54	15 39	7 43	7 14	6 56	25 32	13 58	7 24
T 18	23 23	8 53	2 51	18 41	2 30	19 28	2 6	21 14	0n 0	17 39	0 55	15 54	1 10	23 20	0 7	21 46	0 54	15 39	7 43	7 13	6 55	25 34	13 58	7 25
W19	23 24	2 44	1 50	19 6	2 20	19 8	2 4	21 22	0 1	17 42	0 55	15 53	1 10	23 19	0 7	21 46	0 54	15 39	7 43	7 13	6 54	25 35	13 58	7 25
T 20	23 25	3s41	0 40	19 30	2 10	18 48	2 2	21 30	0 2	17 45	0 55	15 51	1 10	23 19	0 7	21 46	0 54	15 39	7 42	7 13	6 53	25 37	13 58	7 25
F 21	23 25	10 8	0s34	19 55	1 59	18 27	2 0	21 38	0 3	17 48	0 55	15 49	1 10	23 19	0 7	21 47	0 54	15 39	7 42	7 13	6 51	25 39	13 59	7 26
S 22	23 25	16 15	1 48	20 19	1 48	18 6	1 57	21 45	0 3	17 52	0 55	15 47	1 10	23 19	0 7	21 47	0 54	15 39	7 42	7 12	6 50	25 40	13 59	7 26
S 23	23 25	21 35	2 56	20 44	1 37	17 45	1 55	21 53	0 4	17 55	0 55	15 45	1 10	23 19	0 7	21 47	0 54	15 39	7 42	7 11	6 49	25 42	13 59	7 26
M24	23 24	25 37	3 54	21 7	1 26	17 23	1 52	22 0	0 5	17 58	0 55	15 43	1 10	23 19	0 7	21 47	0 54	15 39	7 42	7 8	6 48	25 44	13 59	7 26
T 25	23 22	27 53	4 35	21 30	1 14	17 2	1 49	22 6	0 5	18 1	0 55	15 41	1 10	23 19	0 7	21 47	0 54	15 39	7 42	7 5	6 46	25 45	14 0	7 27
W26	23 21	28 3	4 58	21 51	1 2	16 39	1 46	22 13	0 6	18 4	0 55	15 39	1 10	23 18	0 7	21 47	0 54	15 39	7 42	7 1	6 45	25 47	14 0	7 27
T 27	23 19	26 9	4 59	22 12	0 51	16 17	1 43	22 19	0 7	18 7	0 55	15 37	1 10	23 18	0 7	21 48	0 54	15 39	7 42	6 57	6 44	25 48	14 0	7 27
F 28	23 16	22 32	4 41	22 32	0 39	15 54	1 40	22 26	0 7	18 10	0 55	15 35	1 10	23 18	0 7	21 48	0 54	15 40	7 42	6 54	6 43	25 50	14 1	7 27
S 29	23 13	17 40	4 5	22 50	0 27	15 31	1 36	22 31	0 8	18 13	0 55	15 33	1 10	23 18	0 7	21 48	0 54	15 40	7 42	6 51	6 42	25 51	14 1	7 28
S 30	23n10	12s 2	3s17	23n 6	0s16	15n 7	1n32	22n37	0n 9	18n15	0s55	15n31	1n10	23s18	0s 7	21s48	0n54	15n40	7s42	6n49	6n40	25n53	14s 1	7n28

Julian Day Number = 2507943.5, Delta T = 124.74 sec
Ecliptic obliquity = 23°25'17, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°53'53, Lahiri = 26°00'53

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2154
geocentric

JULY 2154 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 36 15	9♋16'30	20♓ 5	27♊48	24♌32	14♊49	25♉50	21♌20	22°R 1	13°R51	26♊ 2	17°R18	16♈57	9♊33	23°R26	M 1
T 2	18 40 12	10°13'43	2♈52	29°51	25°32	15°31	26° 2	21°26	21♐58	13♑49	26° 4	17♈17	16°54	9°40	23♑22	T 2
W 3	18 44 8	11°10'56	15°18	1♋55	26°32	16°13	26°14	21°33	21°56	13°47	26° 5	17°17	16°50	9°46	23°18	W 3
T 4	18 48 5	12° 8'10	27°27	4° 2	27°31	16°55	26°26	21°39	21°54	13°46	26° 6	17°17	16°47	9°53	23°15	T 4
F 5	18 52 1	13° 5'23	9♉25	6° 9	28°30	17°37	26°38	21°45	21°52	13°44	26° 8	17°16	16°44	10° 0	23°11	F 5
S 6	18 55 58	14° 2'36	21°15	8°18	29°29	18°19	26°50	21°52	21°49	13°43	26° 9	17°12	16°41	10° 6	23° 8	S 6
S 7	18 59 54	14°59'50	3♊ 4	10°27	0♍27	19° 0	27° 2	21°59	21°47	13°41	26°10	17° 6	16°38	10°13	23° 4	S 7
M 8	19 3 51	15°57'04	14°54	12°37	1°25	19°42	27°13	22° 5	21°45	13°39	26°12	16°57	16°35	10°20	23° 0	M 8
T 9	19 7 47	16°54'18	26°49	14°48	2°22	20°24	27°25	22°12	21°43	13°38	26°13	16°46	16°31	10°27	22°57	T 9
W10	19 11 44	17°51'32	8♋50	16°58	3°19	21° 5	27°36	22°19	21°41	13°36	26°15	16°33	16°28	10°33	22°53	W10
T 11	19 15 41	18°48'47	20°59	19° 8	4°16	21°47	27°48	22°26	21°39	13°34	26°16	16°19	16°25	10°40	22°49	T 11
F 12	19 19 37	19°46'01	3♌16	21°17	5°12	22°28	27°59	22°32	21°37	13°33	26°17	16° 6	16°22	10°47	22°46	F 12
S 13	19 23 34	20°43'15	15°44	23°26	6° 7	23° 9	28°10	22°39	21°34	13°31	26°18	15°54	16°19	10°53	22°42	S 13
S 14	19 27 30	21°40'30	28°21	25°34	7° 3	23°51	28°22	22°46	21°32	13°30	26°20	15°45	16°16	11° 0	22°38	S 14
M15	19 31 27	22°37'44	11♍10	27°40	7°57	24°32	28°33	22°53	21°30	13°28	26°21	15°39	16°12	11° 7	22°34	M15
T 16	19 35 23	23°34'59	24°11	29°45	8°51	25°13	28°43	23° 0	21°28	13°26	26°22	15°35	16° 9	11°13	22°31	T 16
W17	19 39 20	24°32'13	7♎27	1♌49	9°44	25°54	28°54	23° 7	21°27	13°25	26°24	15°34	16° 6	11°20	22°27	W17
T 18	19 43 16	25°29'27	20°59	3°51	10°37	26°35	29° 5	23°14	21°25	13°23	26°25	15°34	16° 3	11°27	22°23	T 18
F 19	19 47 13	26°26'42	4♏50	5°52	11°30	27°16	29°16	23°21	21°23	13°22	26°26	15°34	16° 0	11°34	22°20	F 19
S 20	19 51 10	27°23'56	18°59	7°51	12°21	27°57	29°26	23°29	21°21	13°20	26°27	15°33	15°56	11°40	22°16	S 20
S 21	19 55 6	28°21'11	3♐27	9°48	13°12	28°38	29°37	23°36	21°19	13°19	26°29	15°29	15°53	11°47	22°12	S 21
M22	19 59 3	29°18'26	18° 9	11°43	14° 2	29°19	29°47	23°43	21°17	13°17	26°30	15°23	15°50	11°54	22° 9	M22
T 23	20 2 59	0♌15'41	3♑ 1	13°37	14°52	29°59	29°57	23°50	21°16	13°15	26°31	15°15	15°47	12° 0	22° 5	T 23
W24	20 6 56	1°12'57	17°54	15°29	15°41	0♋40	0♊ 7	23°57	21°14	13°14	26°32	15° 5	15°44	12° 7	22° 1	W24
T 25	20 10 52	2°10'13	2♒40	17°19	16°29	1°21	0°17	24° 5	21°12	13°12	26°33	14°54	15°41	12°14	21°58	T 25
F 26	20 14 49	3° 7'29	17°10	19° 7	17°16	2° 2	0°27	24°12	21°11	13°11	26°35	14°44	15°37	12°20	21°54	F 26
S 27	20 18 45	4° 4'46	1♓18	20°54	18° 3	2°42	0°37	24°19	21° 9	13° 9	26°36	14°36	15°34	12°27	21°51	S 27
S 28	20 22 42	5° 2'04	15° 0	22°39	18°48	3°23	0°47	24°27	21° 7	13° 8	26°37	14°31	15°31	12°34	21°47	S 28
M29	20 26 39	5°59'22	28°16	24°22	19°33	4° 3	0°56	24°34	21° 6	13° 7	26°38	14°28	15°28	12°41	21°44	M29
T 30	20 30 35	6°56'42	11♈ 6	26° 3	20°17	4°43	1° 6	24°42	21° 4	13° 5	26°39	14°D27	15°25	12°47	21°40	T 30
W31	20 34 32	7♌54'02	23♈34	27♌43	21♍ 0	5♋24	1♊15	24♌49	21♐ 3	13♑ 4	26♊40	14♈27	15♈21	12♊54	21♑37	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23n 6	6s 3	2s19	23n20	0s 4	14n44	1n29	22n43	0n 9	18n18	0s55	15n29	1n10	23s18	0s 7	21s48	0n54	15n40	7s42	6n47	6n39	25n55	14s 2	7n28
T 2	23 2	0 1	1 16	23 32	0n 7	14 20	1 25	22 48	0 10	18 21	0 55	15 27	1 10	23 18	0 7	21 48	0 54	15 40	7 42	6 47	6 38	25 56	14 2	7 28
W 3	22 57	5n52	0 11	23 42	0 18	13 56	1 21	22 53	0 11	18 24	0 56	15 25	1 10	23 18	0 7	21 49	0 54	15 40	7 42	6 47	6 37	25 58	14 3	7 28
T 4	22 52	11 24	0n54	23 50	0 28	13 31	1 17	22 58	0 11	18 27	0 56	15 23	1 10	23 17	0 7	21 49	0 54	15 40	7 42	6 47	6 36	25 59	14 3	7 28
F 5	22 47	16 25	1 54	23 55	0 38	13 7	1 12	23 3	0 12	18 29	0 56	15 21	1 10	23 17	0 7	21 49	0 54	15 40	7 42	6 46	6 34	26 1	14 3	7 29
S 6	22 41	20 47	2 49	23 58	0 48	12 42	1 8	23 7	0 13	18 32	0 56	15 19	1 10	23 17	0 7	21 49	0 54	15 40	7 42	6 45	6 33	26 2	14 4	7 29
S 7	22 35	24 18	3 37	23 57	0 57	12 17	1 3	23 11	0 13	18 35	0 56	15 17	1 10	23 17	0 7	21 49	0 54	15 40	7 42	6 43	6 32	26 4	14 4	7 29
M 8	22 28	26 47	4 15	23 54	1 5	11 52	0 58	23 15	0 14	18 37	0 56	15 15	1 10	23 17	0 7	21 49	0 54	15 40	7 42	6 39	6 31	26 5	14 5	7 29
T 9	22 21	28 5	4 42	23 49	1 13	11 27	0 53	23 19	0 15	18 40	0 56	15 12	1 10	23 17	0 7	21 50	0 54	15 40	7 42	6 35	6 29	26 7	14 5	7 29
W10	22 14	28 4	4 57	23 40	1 20	11 2	0 48	23 23	0 15	18 42	0 56	15 10	1 10	23 17	0 7	21 50	0 54	15 40	7 42	6 30	6 28	26 8	14 6	7 29
T 11	22 6	26 42	4 59	23 29	1 26	10 36	0 43	23 26	0 16	18 45	0 56	15 8	1 10	23 17	0 7	21 50	0 54	15 40	7 42	6 25	6 27	26 10	14 6	7 29
F 12	21 58	24 3	4 46	23 15	1 32	10 11	0 37	23 29	0 17	18 47	0 56	15 6	1 10	23 16	0 7	21 50	0 54	15 40	7 42	6 20	6 26	26 11	14 7	7 29
S 13	21 50	20 15	4 21	22 58	1 36	9 45	0 32	23 32	0 17	18 50	0 56	15 4	1 10	23 16	0 7	21 50	0 54	15 40	7 42	6 15	6 25	26 13	14 7	7 29
S 14	21 41	15 30	3 42	22 40	1 40	9 19	0 26	23 35	0 18	18 52	0 56	15 1	1 10	23 16	0 7	21 50	0 54	15 40	7 42	6 12	6 23	26 14	14 8	7 29
M15	21 31	10 0	2 51	22 18	1 44	8 53	0 20	23 37	0 19	18 54	0 56	14 59	1 10	23 16	0 7	21 51	0 54	15 40	7 42	6 9	6 22	26 16	14 9	7 29
T 16	21 22	4 0	1 50	21 55	1 46	8 27	0 14	23 40	0 20	18 57	0 56	14 57	1 10	23 16	0 7	21 51	0 54	15 40	7 42	6 8	6 21	26 17	14 9	7 29
W17	21 12	2s18	0 43	21 30	1 48	8 2	0 7	23 42	0 20	18 59	0 56	14 55	1 10	23 16	0 7	21 51	0 54	15 40	7 42	6 7	6 20	26 19	14 10	7 29
T 18	21 2	8 38	0s29	21 2	1 49	7 36	0 1	23 44	0 21	19 1	0 56	14 52	1 10	23 16	0 7	21 51	0 54	15 40	7 42	6 7	6 18	26 20	14 10	7 29
F 19	20 51	14 42	1 40	20 33	1 49	7 10	0s 6	23 45	0 22	19 4	0 56	14 50	1 10	23 16	0 7	21 51	0 54	15 40	7 43	6 7	6 17	26 22	14 11	7 29
S 20	20 40	20 8	2 47	20 3	1 49	6 44	0 12	23 47	0 22	19 6	0 56	14 48	1 10	23 15	0 7	21 52	0 54	15 40	7 43	6 7	6 16	26 23	14 11	7 29
S 21	20 29	24 30	3 45	19 31	1 48	6 18	0 19	23 48	0 23	19 8	0 57	14 45	1 10	23 15	0 7	21 52	0 54	15 40	7 43	6 5	6 15	26 24	14 12	7 29
M22	20 17	27 21	4 28	18 57	1 46	5 52	0 27	23 49	0 24	19 10	0 57	14 43	1 10	23 15	0 7	21 52	0 54	15 40	7 43	6 3	6 14	26 26	14 13	7 29
T 23	20 5	28 18	4 55	18 23	1 44	5 26	0 34	23 50	0 24	19 12	0 57	14 40	1 11	23 15	0 7	21 52	0 54	15 40	7 43	6 0	6 12	26 27	14 13	7 29
W24	19 52	27 12	5 1	17 47	1 41	5 0	0 41	23 50	0 25	19 14	0 57	14 38	1 11	23 15	0 7	21 52	0 54	15 40	7 43	5 56	6 11	26 29	14 14	7 29
T 25	19 40	24 12	4 47	17 11	1 38	4 35	0 49	23 51	0 26	19 16	0 57	14 36	1 11	23 15	0 7	21 52	0 54	15 40	7 43	5 52	6 10	26 30	14 15	7 29
F 26	19 27	19 43	4 15	16 34	1 34	4 9	0 57	23 51	0 26	19 18	0 57	14 33	1 11	23 15	0 7	21 53	0 54	15 40	7 43	5 48	6 9	26 31	14 15	7 29
S 27	19 13	14 14	3 28	15 56	1 29	3 44	1 5	23 51	0 27	19 20	0 57	14 31	1 11	23 15	0 7	21 53	0 54	15 40	7 43	5 45	6 7	26 33	14 16	7 29
S 28	19 0	8 12	2 30	15 17	1 24	3 18	1 13	23 50	0 28	19 22	0 57	14 28	1 11	23 15	0 7	21 53	0 54	15 40	7 43	5 43	6 6	26 34	14 17	7 29
M29	18 46	1 59	1 25	14 38	1 19	2 53	1 21	23 50	0 28	19 24	0 57	14 26	1 11	23 15	0 7	21 53	0 54	15 40	7 43	5 42	6 5	26 36	14 17	7 28
T 30	18 31	4n 7	0 18	13 58	1 13	2 28	1 30	23 49	0 29	19 26	0 57	14 24	1 11	23 14	0 7	21 53	0 54	15 40	7 43	5 41	6 4	26 37	14 18	7 28
W31	18n17	9n54	0n48	13n18	1n 7	2n 3	1s39	23n48	0n30	19n28	0s57	14n21	1n11	23s14	0s 7	21s53	0n54	15n40	7s43	5n41	6n 3	26n38	14s19	7n28

Julian Day Number = 2507973.5, Delta T = 124.80 sec
Ecliptic obliquity = 23°25'17, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°53'57, Lahiri = 26°00'57

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2154
geocentric

AUGUST 2154 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 38 28	8♌51'24	5♉45	29♌20	21♍42	6♋ 4	1♊24	24♌56	21°R 2	13°R 2	26♊41	14°R27	15♈18	13♊ 1	21°R33	T 1
F 2	20 42 25	9°48'46	17°44	0♍56	22°23	6°44	1°33	25° 4	21♐ 0	13♑ 1	26°43	14♈27	15°15	13° 7	21♑30	F 2
S 3	20 46 21	10°46'10	29°36	2°31	23° 3	7°24	1°42	25°11	20°59	12°59	26°44	14°25	15°12	13°14	21°26	S 3
S 4	20 50 18	11°43'34	11♊27	4° 3	23°42	8° 5	1°51	25°19	20°58	12°58	26°45	14°21	15° 9	13°21	21°23	S 4
M 5	20 54 14	12°41'00	23°19	5°34	24°20	8°45	2° 0	25°26	20°56	12°57	26°46	14°15	15° 6	13°27	21°20	M 5
T 6	20 58 11	13°38'27	5♋19	7° 3	24°56	9°25	2° 9	25°34	20°55	12°55	26°47	14° 6	15° 2	13°34	21°17	T 6
W 7	21 2 8	14°35'55	17°27	8°30	25°32	10° 4	2°17	25°42	20°54	12°54	26°48	13°56	14°59	13°41	21°13	W 7
T 8	21 6 4	15°33'24	29°46	9°56	26° 6	10°44	2°25	25°49	20°53	12°53	26°49	13°45	14°56	13°48	21°10	T 8
F 9	21 10 1	16°30'54	12♌18	11°20	26°39	11°24	2°33	25°57	20°52	12°51	26°50	13°35	14°53	13°54	21° 7	F 9
S 10	21 13 57	17°28'25	25° 2	12°41	27°10	12° 4	2°42	26° 4	20°51	12°50	26°51	13°26	14°50	14° 1	21° 4	S 10
S 11	21 17 54	18°25'56	7♍58	14° 1	27°41	12°44	2°49	26°12	20°50	12°49	26°52	13°19	14°47	14° 8	21° 1	S 11
M12	21 21 50	19°23'29	21° 6	15°19	28° 9	13°23	2°57	26°20	20°49	12°48	26°53	13°15	14°43	14°14	20°58	M12
T 13	21 25 47	20°21'03	4♎26	16°35	28°36	14° 3	3° 5	26°27	20°48	12°46	26°54	13°12	14°40	14°21	20°55	T 13
W14	21 29 43	21°18'37	17°56	17°49	29° 2	14°42	3°12	26°35	20°47	12°45	26°54	13°D12	14°37	14°28	20°52	W14
T 15	21 33 40	22°16'13	1♏38	19° 1	29°26	15°22	3°20	26°42	20°47	12°44	26°55	13°13	14°34	14°34	20°49	T 15
F 16	21 37 37	23°13'49	15°32	20°11	29°48	16° 1	3°27	26°50	20°46	12°43	26°56	13°14	14°31	14°41	20°46	F 16
S 17	21 41 33	24°11'27	29°37	21°18	0♎ 8	16°40	3°34	26°58	20°45	12°42	26°57	13°R14	14°27	14°48	20°43	S 17
S 18	21 45 30	25° 9'05	13♐52	22°23	0°27	17°20	3°41	27° 5	20°45	12°41	26°58	13°13	14°24	14°55	20°40	S 18
M19	21 49 26	26° 6'45	28°16	23°26	0°44	17°59	3°47	27°13	20°44	12°40	26°59	13° 9	14°21	15° 1	20°38	M19
T 20	21 53 23	27° 4'25	12♑44	24°26	0°58	18°38	3°54	27°21	20°44	12°39	27° 0	13° 4	14°18	15° 8	20°35	T 20
W21	21 57 19	28° 2'06	27°11	25°23	1°11	19°17	4° 0	27°28	20°43	12°38	27° 0	12°57	14°15	15°15	20°33	W21
T 22	22 1 16	28°59'49	11♒33	26°18	1°22	19°56	4° 7	27°36	20°43	12°37	27° 1	12°51	14°12	15°21	20°30	T 22
F 23	22 5 12	29°57'32	25°41	27° 9	1°30	20°35	4°13	27°44	20°42	12°36	27° 2	12°44	14° 8	15°28	20°28	F 23
S 24	22 9 9	0♍55'17	9♓33	27°57	1°37	21°14	4°19	27°51	20°42	12°35	27° 3	12°39	14° 5	15°35	20°25	S 24
S 25	22 13 6	1°53'04	23° 4	28°42	1°41	21°53	4°25	27°59	20°42	12°34	27° 3	12°35	14° 2	15°42	20°23	S 25
M26	22 17 2	2°50'52	6♈14	29°24	1°R43	22°32	4°30	28° 7	20°41	12°33	27° 4	12°34	13°59	15°48	20°21	M26
T 27	22 20 59	3°48'41	19° 1	0♎ 1	1°42	23°11	4°36	28°14	20°41	12°32	27° 5	12°D34	13°56	15°55	20°18	T 27
W28	22 24 55	4°46'32	1♉30	0°35	1°39	23°49	4°41	28°22	20°41	12°31	27° 5	12°35	13°53	16° 2	20°16	W28
T 29	22 28 52	5°44'25	13°42	1° 4	1°34	24°28	4°46	28°30	20°41	12°30	27° 6	12°36	13°49	16° 8	20°14	T 29
F 30	22 32 48	6°42'20	25°43	1°29	1°27	25° 6	4°51	28°37	20°D41	12°29	27° 7	12°38	13°46	16°15	20°12	F 30
S 31	22 36 45	7♍40'16	7♊36	1♎49	1♎17	25♋45	4♊56	28♌45	20♐41	12♑29	27♊ 7	12°R38	13♈43	16♊22	20♑10	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18n 2	15n10	1n51	12n38	1n 0	1n39	1s47	23n47	0n30	19n29	0s57	14n19	1n11	23s14	0s 7	21s54	0n54	15n40	7s43	5n42	6n 1	26n40	14s19	7n28
F 2	17 47	19 47	2 48	11 58	0 53	1 14	1 56	23 46	0 31	19 31	0 57	14 16	1 11	23 14	0 7	21 54	0 54	15 40	7 43	5 42	6 0	26 41	14 20	7 28
S 3	17 31	23 34	3 36	11 17	0 46	0 50	2 6	23 45	0 32	19 33	0 58	14 14	1 11	23 14	0 7	21 54	0 54	15 40	7 43	5 41	5 59	26 42	14 21	7 28
S 4	17 15	26 21	4 16	10 37	0 38	0 26	2 15	23 43	0 33	19 35	0 58	14 11	1 11	23 14	0 7	21 54	0 54	15 40	7 43	5 39	5 58	26 44	14 21	7 27
M 5	16 59	27 59	4 44	9 56	0 31	0 2	2 25	23 41	0 33	19 36	0 58	14 9	1 11	23 14	0 7	21 54	0 54	15 40	7 44	5 37	5 56	26 45	14 22	7 27
T 6	16 43	28 19	5 0	9 16	0 22	0s21	2 34	23 39	0 34	19 38	0 58	14 6	1 11	23 14	0 7	21 54	0 54	15 39	7 44	5 33	5 55	26 46	14 23	7 27
W 7	16 26	27 18	5 3	8 35	0 14	0 44	2 44	23 37	0 35	19 39	0 58	14 4	1 11	23 14	0 7	21 54	0 54	15 39	7 44	5 30	5 54	26 47	14 23	7 27
T 8	16 10	24 56	4 52	7 55	0 5	1 7	2 54	23 34	0 35	19 41	0 58	14 1	1 11	23 14	0 7	21 55	0 54	15 39	7 44	5 25	5 53	26 49	14 24	7 26
F 9	15 53	21 22	4 27	7 15	0s 4	1 29	3 4	23 32	0 36	19 42	0 58	13 59	1 11	23 14	0 7	21 55	0 54	15 39	7 44	5 21	5 52	26 50	14 25	7 26
S 10	15 35	16 45	3 48	6 35	0 13	1 51	3 15	23 29	0 37	19 44	0 58	13 56	1 11	23 14	0 7	21 55	0 53	15 39	7 44	5 18	5 50	26 51	14 26	7 26
S 11	15 18	11 19	2 57	5 56	0 23	2 13	3 25	23 26	0 37	19 45	0 58	13 54	1 11	23 14	0 7	21 55	0 53	15 39	7 44	5 15	5 49	26 53	14 26	7 26
M12	15 0	5 18	1 56	5 17	0 32	2 34	3 36	23 23	0 38	19 47	0 58	13 51	1 11	23 13	0 7	21 55	0 53	15 39	7 44	5 13	5 48	26 54	14 27	7 25
T 13	14 42	1s 2	0 47	4 39	0 42	2 55	3 47	23 19	0 39	19 48	0 58	13 49	1 11	23 13	0 7	21 55	0 53	15 39	7 44	5 13	5 47	26 55	14 28	7 25
W14	14 23	7 25	0s25	4 1	0 52	3 15	3 58	23 16	0 39	19 49	0 59	13 46	1 12	23 13	0 7	21 56	0 53	15 39	7 44	5 13	5 45	26 56	14 28	7 25
T 15	14 5	13 34	1 38	3 23	1 2	3 35	4 9	23 12	0 40	19 51	0 59	13 43	1 12	23 13	0 7	21 56	0 53	15 39	7 44	5 13	5 44	26 58	14 29	7 24
F 16	13 46	19 7	2 45	2 47	1 12	3 54	4 20	23 8	0 41	19 52	0 59	13 41	1 12	23 13	0 7	21 56	0 53	15 39	7 44	5 13	5 43	26 59	14 30	7 24
S 17	13 27	23 41	3 43	2 11	1 22	4 12	4 31	23 4	0 41	19 53	0 59	13 38	1 12	23 13	0 7	21 56	0 53	15 39	7 45	5 13	5 42	27 0	14 31	7 24
S 18	13 8	26 54	4 29	1 36	1 33	4 30	4 43	23 0	0 42	19 54	0 59	13 36	1 12	23 13	0 7	21 56	0 53	15 39	7 45	5 13	5 41	27 1	14 31	7 23
M19	12 48	28 22	4 58	1 2	1 43	4 47	4 54	22 55	0 43	19 56	0 59	13 33	1 12	23 13	0 7	21 56	0 53	15 39	7 45	5 11	5 39	27 2	14 32	7 23
T 20	12 29	27 55	5 8	0 28	1 54	5 3	5 6	22 51	0 43	19 57	0 59	13 31	1 12	23 13	0 7	21 56	0 53	15 38	7 45	5 9	5 38	27 4	14 33	7 23
W21	12 9	25 35	4 59	0s 4	2 4	5 19	5 17	22 46	0 44	19 58	0 59	13 28	1 12	23 13	0 7	21 56	0 53	15 38	7 45	5 7	5 37	27 5	14 34	7 22
T 22	11 49	21 38	4 30	0 35	2 14	5 34	5 29	22 41	0 45	19 59	0 59	13 25	1 12	23 13	0 7	21 57	0 53	15 38	7 45	5 4	5 36	27 6	14 34	7 22
F 23	11 29	16 30	3 46	1 5	2 25	5 48	5 40	22 36	0 45	20 0	0 59	13 23	1 12	23 13	0 7	21 57	0 53	15 38	7 45	5 2	5 34	27 7	14 35	7 22
S 24	11 8	10 36	2 49	1 34	2 35	6 1	5 52	22 30	0 46	20 1	1 0	13 20	1 12	23 13	0 7	21 57	0 53	15 38	7 45	5 0	5 33	27 8	14 36	7 21
S 25	10 48	4 20	1 44	2 1	2 45	6 13	6 3	22 25	0 47	20 2	1 0	13 18	1 12	23 13	0 7	21 57	0 53	15 38	7 45	4 58	5 32	27 10	14 36	7 21
M26	10 27	1n57	0 34	2 26	2 55	6 24	6 15	22 19	0 48	20 3	1 0	13 15	1 12	23 13	0 7	21 57	0 53	15 38	7 46	4 58	5 31	27 11	14 37	7 20
T 27	10 6	7 59	0n35	2 50	3 5	6 35	6 26	22 14	0 48	20 4	1 0	13 13	1 12	23 13	0 7	21 57	0 53	15 38	7 46	4 58	5 29	27 12	14 38	7 20
W28	9 45	13 34	1 41	3 12	3 15	6 44	6 37	22 8	0 49	20 5	1 0	13 10	1 13	23 13	0 7	21 57	0 53	15 38	7 46	4 58	5 28	27 13	14 39	7 20
T 29	9 24	18 30	2 41	3 33	3 24	6 52	6 48	22 1	0 50	20 5	1 0	13 7	1 13	23 13	0 7	21 57	0 53	15 38	7 46	4 59	5 27	27 14	14 39	7 19
F 30	9 3	22 37	3 33	3 51	3 33	6 59	6 59	21 55	0 50	20 6	1 0	13 5	1 13	23 13	0 7	21 57	0 53	15 38	7 46	4 59	5 26	27 15	14 40	7 19
S 31	8n41	25n46	4n16	4s 6	3s41	7s 4	7s 9	21n49	0n51	20n 7	1s 0	13n 2	1n13	23s13	0s 7	21s58	0n53	15n37	7s46	4n59	5n25	27n16	14s41	7n18

Julian Day Number = 2508004.5, Delta T = 124.86 sec
Ecliptic obliquity = 23°25'18, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°54'01, Lahiri = 26°01'02

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2154
geocentric

SEPTEMBER 2154 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 40 41	8♍38'15	19♊28	2♎ 5	1°R 5	26♋23	5♊ 0	28♌52	20♐41	12°R28	27♊ 8	12°R38	13♈40	16♊28	20°R 8	S 1
M 2	22 44 38	9°36'15	1♋23	2°14	0♎50	27° 2	5° 5	29° 0	20°41	12♑27	27° 8	12♈36	13°37	16°35	20♑ 6	M 2
T 3	22 48 35	10°34'17	13°25	2°R19	0°33	27°40	5° 9	29° 8	20°42	12°27	27° 9	12°32	13°33	16°42	20° 5	T 3
W 4	22 52 31	11°32'21	25°38	2°17	0°14	28°18	5°13	29°15	20°42	12°26	27° 9	12°28	13°30	16°49	20° 3	W 4
T 5	22 56 28	12°30'26	8♌ 6	2°10	29♍53	28°57	5°17	29°23	20°42	12°25	27°10	12°23	13°27	16°55	20° 1	T 5
F 6	23 0 24	13°28'34	20°49	1°56	29°29	29°35	5°21	29°30	20°42	12°25	27°10	12°18	13°24	17° 2	20° 0	F 6
S 7	23 4 21	14°26'43	3♍49	1°36	29° 4	0♌13	5°24	29°38	20°43	12°24	27°11	12°14	13°21	17° 9	19°58	S 7
S 8	23 8 17	15°24'54	17° 5	1°10	28°36	0°51	5°28	29°45	20°43	12°24	27°11	12°11	13°18	17°15	19°57	S 8
M 9	23 12 14	16°23'06	0♎36	0°37	28° 7	1°29	5°31	29°53	20°44	12°23	27°12	12° 9	13°14	17°22	19°56	M 9
T 10	23 16 10	17°21'21	14°21	29♍58	27°36	2° 7	5°34	0♍ 0	20°44	12°23	27°12	12°D 8	13°11	17°29	19°54	T 10
W11	23 20 7	18°19'36	28°16	29°14	27° 3	2°44	5°36	0° 7	20°45	12°22	27°12	12° 9	13° 8	17°36	19°53	W11
T 12	23 24 4	19°17'54	12♏18	28°24	26°30	3°22	5°39	0°15	20°45	12°22	27°13	12°10	13° 5	17°42	19°52	T 12
F 13	23 28 0	20°16'13	26°27	27°30	25°55	4° 0	5°41	0°22	20°46	12°21	27°13	12°12	13° 2	17°49	19°51	F 13
S 14	23 31 57	21°14'34	10♐39	26°32	25°19	4°38	5°44	0°30	20°47	12°21	27°13	12°13	12°59	17°56	19°50	S 14
S 15	23 35 53	22°12'56	24°52	25°32	24°43	5°15	5°46	0°37	20°48	12°21	27°14	12°R13	12°55	18° 2	19°49	S 15
M16	23 39 50	23°11'20	9♑ 3	24°31	24° 6	5°53	5°47	0°44	20°49	12°21	27°14	12°12	12°52	18° 9	19°48	M16
T 17	23 43 46	24° 9'45	23°11	23°29	23°28	6°30	5°49	0°51	20°49	12°20	27°14	12°11	12°49	18°16	19°48	T 17
W18	23 47 43	25° 8'12	7♒13	22°29	22°51	7° 7	5°50	0°59	20°50	12°20	27°14	12° 9	12°46	18°23	19°47	W18
T 19	23 51 39	26° 6'40	21° 6	21°32	22°15	7°45	5°52	1° 6	20°51	12°20	27°14	12° 7	12°43	18°29	19°46	T 19
F 20	23 55 36	27° 5'10	4♓48	20°39	21°38	8°22	5°53	1°13	20°52	12°20	27°15	12° 5	12°39	18°36	19°46	F 20
S 21	23 59 33	28° 3'42	18°15	19°53	21° 3	8°59	5°54	1°20	20°54	12°20	27°15	12° 3	12°36	18°43	19°46	S 21
S 22	0 3 29	29° 2'15	1♈27	19°13	20°28	9°36	5°54	1°27	20°55	12°20	27°15	12° 2	12°33	18°49	19°45	S 22
M23	0 7 26	0♎ 0'51	14°22	18°41	19°55	10°13	5°55	1°34	20°56	12°20	27°15	12°D 2	12°30	18°56	19°45	M23
T 24	0 11 22	0°59'28	27° 1	18°18	19°23	10°50	5°55	1°41	20°57	12°D20	27°15	12° 2	12°27	19° 3	19°45	T 24
W25	0 15 19	1°58'08	9♉24	18° 4	18°53	11°27	5°R55	1°48	20°58	12°20	27°15	12° 3	12°24	19° 9	19°45	W25
T 26	0 19 15	2°56'50	21°35	18°D 0	18°24	12° 4	5°55	1°55	21° 0	12°20	27°15	12° 4	12°20	19°16	19°D45	T 26
F 27	0 23 12	3°55'34	3♊35	18° 7	17°58	12°41	5°54	2° 2	21° 1	12°20	27°R15	12° 5	12°17	19°23	19°45	F 27
S 28	0 27 8	4°54'20	15°29	18°23	17°33	13°17	5°54	2° 9	21° 3	12°20	27°15	12° 6	12°14	19°30	19°45	S 28
S 29	0 31 5	5°53'09	27°21	18°48	17°11	13°54	5°53	2°16	21° 4	12°20	27°15	12° 6	12°11	19°36	19°45	S 29
M30	0 35 2	6♎51'59	9♋16	19♍23	16♍50	14♌30	5♊52	2♍23	21♐ 6	12♑20	27♊15	12°R 6	12♈ 8	19♊43	19♑45	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n20	27n46	4n47	4s20	3s49	7s 9	7s20	21n42	0n52	20n 8	1s 0	13n 0	1n13	23s13	0s 7	21s58	0n53	15n37	7s46	4n59	5n23	27n17	14s41	7n18
M 2	7 58	28 31	5 6	4 30	3 56	7 12	7 29	21 36	0 52	20 8	1 0	12 57	1 13	23 13	0 7	21 58	0 53	15 37	7 46	4 58	5 22	27 19	14 42	7 17
T 3	7 36	27 55	5 12	4 38	4 3	7 14	7 39	21 29	0 53	20 9	1 1	12 55	1 13	23 13	0 7	21 58	0 53	15 37	7 46	4 57	5 21	27 20	14 43	7 17
W 4	7 14	25 58	5 4	4 43	4 9	7 15	7 48	21 22	0 54	20 10	1 1	12 52	1 13	23 13	0 7	21 58	0 53	15 37	7 47	4 55	5 20	27 21	14 44	7 17
T 5	6 52	22 45	4 41	4 44	4 13	7 14	7 56	21 15	0 54	20 10	1 1	12 50	1 13	23 13	0 7	21 58	0 53	15 37	7 47	4 53	5 18	27 22	14 44	7 16
F 6	6 29	18 24	4 5	4 42	4 17	7 12	8 4	21 7	0 55	20 11	1 1	12 47	1 13	23 13	0 7	21 58	0 53	15 37	7 47	4 51	5 17	27 23	14 45	7 16
S 7	6 7	13 7	3 15	4 36	4 20	7 8	8 11	21 0	0 56	20 11	1 1	12 44	1 13	23 13	0 7	21 58	0 53	15 37	7 47	4 50	5 16	27 24	14 46	7 15
S 8	5 45	7 8	2 13	4 27	4 21	7 4	8 18	20 52	0 56	20 12	1 1	12 42	1 14	23 13	0 7	21 58	0 53	15 37	7 47	4 49	5 15	27 25	14 46	7 15
M 9	5 22	0 43	1 3	4 14	4 21	6 57	8 24	20 45	0 57	20 12	1 1	12 39	1 14	23 13	0 7	21 58	0 53	15 36	7 47	4 48	5 13	27 26	14 47	7 14
T 10	5 0	5s50	0s12	3 57	4 19	6 50	8 29	20 37	0 58	20 13	1 1	12 37	1 14	23 13	0 7	21 59	0 52	15 36	7 47	4 48	5 12	27 27	14 48	7 14
W11	4 37	12 13	1 27	3 36	4 15	6 41	8 34	20 29	0 58	20 13	1 1	12 34	1 14	23 13	0 7	21 59	0 52	15 36	7 47	4 48	5 11	27 28	14 48	7 13
T 12	4 14	18 2	2 38	3 11	4 10	6 31	8 37	20 21	0 59	20 13	1 2	12 32	1 14	23 13	0 7	21 59	0 52	15 36	7 48	4 48	5 10	27 29	14 49	7 13
F 13	3 51	22 55	3 40	2 43	4 2	6 20	8 40	20 13	1 0	20 14	1 2	12 29	1 14	23 13	0 7	21 59	0 52	15 36	7 48	4 49	5 8	27 30	14 50	7 12
S 14	3 28	26 27	4 29	2 11	3 53	6 7	8 42	20 4	1 1	20 14	1 2	12 27	1 14	23 13	0 7	21 59	0 52	15 36	7 48	4 49	5 7	27 31	14 50	7 12
S 15	3 5	28 20	5 1	1 37	3 42	5 54	8 42	19 56	1 1	20 14	1 2	12 24	1 14	23 13	0 7	21 59	0 52	15 36	7 48	4 50	5 6	27 32	14 51	7 11
M16	2 42	28 21	5 15	1 1	3 29	5 39	8 42	19 47	1 2	20 14	1 2	12 22	1 14	23 14	0 7	21 59	0 52	15 36	7 48	4 49	5 5	27 33	14 51	7 11
T 17	2 19	26 31	5 9	0 23	3 14	5 23	8 41	19 39	1 3	20 14	1 2	12 19	1 15	23 14	0 7	21 59	0 52	15 36	7 48	4 49	5 4	27 34	14 52	7 10
W18	1 56	23 3	4 46	0n16	2 58	5 7	8 39	19 30	1 3	20 15	1 2	12 17	1 15	23 14	0 7	21 59	0 52	15 35	7 48	4 48	5 2	27 35	14 53	7 10
T 19	1 33	18 19	4 5	0 54	2 40	4 50	8 36	19 21	1 4	20 15	1 2	12 15	1 15	23 14	0 7	21 59	0 52	15 35	7 48	4 47	5 1	27 36	14 53	7 9
F 20	1 9	12 43	3 11	1 32	2 21	4 32	8 32	19 12	1 5	20 15	1 2	12 12	1 15	23 14	0 7	21 59	0 52	15 35	7 49	4 46	5 0	27 37	14 54	7 9
S 21	0 46	6 36	2 8	2 8	2 2	4 14	8 28	19 3	1 5	20 15	1 3	12 10	1 15	23 14	0 7	21 59	0 52	15 35	7 49	4 46	4 59	27 38	14 54	7 8
S 22	0 23	0 19	0 58	2 42	1 42	3 55	8 22	18 54	1 6	20 15	1 3	12 7	1 15	23 14	0 7	21 59	0 52	15 35	7 49	4 45	4 57	27 39	14 55	7 7
M23	0s 0	5n52	0n13	3 13	1 22	3 37	8 16	18 44	1 7	20 15	1 3	12 5	1 15	23 14	0 7	21 59	0 52	15 35	7 49	4 45	4 56	27 40	14 56	7 7
T 24	0 24	11 41	1 22	3 40	1 2	3 18	8 8	18 35	1 8	20 15	1 3	12 2	1 15	23 14	0 7	21 59	0 52	15 35	7 49	4 45	4 55	27 41	14 56	7 6
W25	0 47	16 55	2 26	4 4	0 42	2 58	8 0	18 26	1 8	20 15	1 3	12 0	1 16	23 14	0 7	21 59	0 52	15 34	7 49	4 46	4 54	27 42	14 57	7 6
T 26	1 10	21 23	3 22	4 22	0 24	2 39	7 52	18 16	1 9	20 15	1 3	11 58	1 16	23 14	0 7	21 59	0 52	15 34	7 49	4 46	4 52	27 43	14 57	7 5
F 27	1 34	24 55	4 8	4 37	0 6	2 21	7 42	18 6	1 10	20 14	1 3	11 55	1 16	23 14	0 7	21 59	0 52	15 34	7 49	4 46	4 51	27 43	14 58	7 5
S 28	1 57	27 20	4 43	4 46	0n11	2 2	7 33	17 57	1 10	20 14	1 3	11 53	1 16	23 15	0 7	21 59	0 52	15 34	7 50	4 47	4 50	27 44	14 58	7 4
S 29	2 20	28 30	5 6	4 50	0 27	1 44	7 22	17 47	1 11	20 14	1 3	11 51	1 16	23 15	0 7	21 59	0 52	15 34	7 50	4 47	4 49	27 45	14 59	7 4
M30	2s43	28n22	5n16	4n50	0n42	1s26	7s11	17n37	1n12	20n14	1s 3	11n48	1n16	23s15	0s 7	22s 0	0n52	15n34	7s50	4n47	4n47	27n46	14s59	7n 3

Julian Day Number = 2508035.5, Delta T = 124.92 sec
Ecliptic obliquity = 23°25'18, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°54'05, Lahiri = 26°01'06

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2154
geocentric

OCTOBER 2154 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 38 58	7♎50'52	21♋18	20♍ 7	16°R33	15♌ 7	5°R51	2♍30	21♐ 7	12♑20	27°R15	12°R 6	12♈ 5	19♊50	19♑46	T 1
W 2	0 42 55	8°49'48	3♌31	21° 0	16♍17	15°43	5♊49	2°36	21° 9	12°21	27♊15	12♈ 6	12° 1	19°56	19°46	W 2
T 3	0 46 51	9°48'45	16° 1	22° 0	16° 4	16°20	5°48	2°43	21°11	12°21	27°15	12° 5	11°58	20° 3	19°47	T 3
F 4	0 50 48	10°47'45	28°49	23° 7	15°54	16°56	5°46	2°50	21°12	12°21	27°15	12° 5	11°55	20°10	19°47	F 4
S 5	0 54 44	11°46'47	11♍58	24°20	15°45	17°32	5°44	2°56	21°14	12°21	27°14	12°D 5	11°52	20°17	19°48	S 5
S 6	0 58 41	12°45'51	25°29	25°39	15°40	18° 8	5°42	3° 3	21°16	12°22	27°14	12° 5	11°49	20°23	19°49	S 6
M 7	1 2 37	13°44'57	9♎21	27° 2	15°36	18°44	5°39	3° 9	21°18	12°22	27°14	12°R 5	11°45	20°30	19°50	M 7
T 8	1 6 34	14°44'05	23°31	28°30	15°D35	19°20	5°37	3°15	21°20	12°23	27°14	12° 5	11°42	20°37	19°51	T 8
W 9	1 10 30	15°43'15	7♏54	0♎ 2	15°37	19°56	5°34	3°22	21°22	12°23	27°14	12° 5	11°39	20°43	19°52	W 9
T 10	1 14 27	16°42'27	22°25	1°36	15°41	20°32	5°31	3°28	21°24	12°24	27°13	12° 5	11°36	20°50	19°53	T 10
F 11	1 18 24	17°41'41	6♐58	3°13	15°47	21° 7	5°28	3°34	21°26	12°24	27°13	12° 4	11°33	20°57	19°54	F 11
S 12	1 22 20	18°40'57	21°28	4°52	15°55	21°43	5°25	3°41	21°28	12°25	27°13	12° 3	11°30	21° 4	19°55	S 12
S 13	1 26 17	19°40'15	5♑50	6°32	16° 6	22°18	5°21	3°47	21°30	12°25	27°12	12° 3	11°26	21°10	19°56	S 13
M14	1 30 13	20°39'35	20° 1	8°14	16°18	22°54	5°17	3°53	21°32	12°26	27°12	12°D 3	11°23	21°17	19°58	M14
T 15	1 34 10	21°38'56	4♒ 0	9°57	16°33	23°29	5°13	3°59	21°34	12°27	27°12	12° 3	11°20	21°24	19°59	T 15
W16	1 38 6	22°38'19	17°44	11°40	16°50	24° 5	5° 9	4° 5	21°37	12°27	27°11	12° 3	11°17	21°30	20° 1	W16
T 17	1 42 3	23°37'43	1♓13	13°24	17° 8	24°40	5° 5	4°11	21°39	12°28	27°11	12° 4	11°14	21°37	20° 2	T 17
F 18	1 46 0	24°37'09	14°29	15° 7	17°29	25°15	5° 0	4°16	21°41	12°29	27°10	12° 5	11°10	21°44	20° 4	F 18
S 19	1 49 56	25°36'37	27°31	16°51	17°51	25°50	4°56	4°22	21°44	12°30	27°10	12° 6	11° 7	21°51	20° 6	S 19
S 20	1 53 53	26°36'07	10♈21	18°35	18°16	26°25	4°51	4°28	21°46	12°31	27° 9	12°R 7	11° 4	21°57	20° 8	S 20
M21	1 57 49	27°35'39	22°58	20°19	18°42	26°59	4°46	4°33	21°49	12°32	27° 9	12° 6	11° 1	22° 4	20°10	M21
T 22	2 1 46	28°35'13	5♉23	22° 2	19° 9	27°34	4°41	4°39	21°51	12°32	27° 8	12° 5	10°58	22°11	20°12	T 22
W23	2 5 42	29°34'49	17°37	23°45	19°39	28° 9	4°35	4°44	21°54	12°33	27° 8	12° 3	10°55	22°17	20°14	W23
T 24	2 9 39	0♏34'27	29°43	25°28	20° 9	28°43	4°30	4°50	21°56	12°34	27° 7	12° 1	10°51	22°24	20°16	T 24
F 25	2 13 35	1°34'08	11♊40	27°10	20°42	29°18	4°24	4°55	21°59	12°35	27° 7	11°57	10°48	22°31	20°18	F 25
S 26	2 17 32	2°33'50	23°34	28°52	21°16	29°52	4°18	5° 0	22° 1	12°36	27° 6	11°54	10°45	22°38	20°20	S 26
S 27	2 21 28	3°33'35	5♋25	0♏33	21°51	0♍27	4°13	5° 6	22° 4	12°37	27° 6	11°51	10°42	22°44	20°23	S 27
M28	2 25 25	4°33'22	17°18	2°14	22°28	1° 1	4° 6	5°11	22° 7	12°38	27° 5	11°49	10°39	22°51	20°25	M28
T 29	2 29 22	5°33'11	29°18	3°54	23° 5	1°35	4° 0	5°16	22°10	12°40	27° 4	11°48	10°36	22°58	20°28	T 29
W30	2 33 18	6°33'02	11♌28	5°34	23°45	2° 9	3°54	5°21	22°12	12°41	27° 4	11°D48	10°32	23° 4	20°30	W30
T 31	2 37 15	7♏32'55	23♌53	7♏13	24♍25	2♍43	3♊47	5♍26	22♐15	12♑42	27♊ 3	11♈49	10♈29	23♊11	20♑33	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3s 7	26n53	5n13	4n45	0n55	1s 9	7s 0	17n27	1n12	20n13	1s 4	11n46	1n16	23s15	0s 7	22s 0	0n52	15n34	7s50	4n47	4n46	27n47	15s 0	7n 3
W 2	3 30	24 8	4 55	4 35	1 7	0 52	6 49	17 17	1 13	20 13	1 4	11 44	1 17	23 15	0 7	22 0	0 52	15 34	7 50	4 47	4 45	27 48	15 0	7 2
T 3	3 53	20 13	4 23	4 21	1 17	0 37	6 37	17 6	1 14	20 13	1 4	11 42	1 17	23 15	0 7	22 0	0 52	15 33	7 50	4 47	4 44	27 49	15 1	7 2
F 4	4 16	15 16	3 38	4 3	1 26	0 21	6 25	16 56	1 15	20 12	1 4	11 39	1 17	23 15	0 7	22 0	0 52	15 33	7 50	4 46	4 42	27 49	15 1	7 1
S 5	4 39	9 31	2 39	3 41	1 34	0 7	6 12	16 46	1 15	20 12	1 4	11 37	1 17	23 15	0 7	22 0	0 52	15 33	7 50	4 46	4 41	27 50	15 2	7 0
S 6	5 2	3 11	1 31	3 16	1 41	0n 7	6 0	16 35	1 16	20 11	1 4	11 35	1 17	23 15	0 7	22 0	0 51	15 33	7 51	4 46	4 40	27 51	15 2	7 0
M 7	5 25	3s28	0 15	2 48	1 46	0 20	5 47	16 25	1 17	20 11	1 4	11 33	1 17	23 16	0 7	22 0	0 51	15 33	7 51	4 46	4 39	27 52	15 2	6 59
T 8	5 48	10 6	1s 3	2 17	1 50	0 32	5 35	16 14	1 17	20 10	1 4	11 31	1 18	23 16	0 7	22 0	0 51	15 33	7 51	4 46	4 38	27 53	15 3	6 59
W 9	6 11	16 19	2 18	1 43	1 53	0 43	5 22	16 4	1 18	20 10	1 4	11 28	1 18	23 16	0 7	22 0	0 51	15 33	7 51	4 46	4 36	27 54	15 3	6 58
T 10	6 34	21 40	3 25	1 8	1 56	0 53	5 9	15 53	1 19	20 9	1 4	11 26	1 18	23 16	0 7	22 0	0 51	15 33	7 51	4 46	4 35	27 54	15 4	6 58
F 11	6 56	25 43	4 19	0 30	1 57	1 3	4 57	15 42	1 20	20 9	1 4	11 24	1 18	23 16	0 7	22 0	0 51	15 32	7 51	4 46	4 34	27 55	15 4	6 57
S 12	7 19	28 5	4 57	0s 8	1 57	1 11	4 44	15 31	1 20	20 8	1 4	11 22	1 18	23 16	0 7	22 0	0 51	15 32	7 51	4 46	4 33	27 56	15 4	6 57
S 13	7 41	28 32	5 15	0 49	1 56	1 19	4 31	15 21	1 21	20 7	1 5	11 20	1 18	23 16	0 7	22 0	0 51	15 32	7 51	4 46	4 31	27 57	15 5	6 56
M14	8 4	27 6	5 14	1 30	1 55	1 26	4 19	15 10	1 22	20 6	1 5	11 18	1 19	23 17	0 7	21 59	0 51	15 32	7 52	4 45	4 30	27 57	15 5	6 56
T 15	8 26	24 0	4 54	2 12	1 53	1 31	4 6	14 59	1 22	20 6	1 5	11 16	1 19	23 17	0 7	21 59	0 51	15 32	7 52	4 46	4 29	27 58	15 5	6 55
W16	8 48	19 35	4 17	2 55	1 51	1 36	3 54	14 48	1 23	20 5	1 5	11 14	1 19	23 17	0 7	21 59	0 51	15 32	7 52	4 46	4 28	27 59	15 6	6 54
T 17	9 10	14 16	3 27	3 38	1 48	1 40	3 42	14 37	1 24	20 4	1 5	11 12	1 19	23 17	0 7	21 59	0 51	15 32	7 52	4 46	4 26	28 0	15 6	6 54
F 18	9 32	8 22	2 27	4 21	1 44	1 43	3 30	14 26	1 25	20 3	1 5	11 10	1 19	23 17	0 7	21 59	0 51	15 32	7 52	4 47	4 25	28 0	15 6	6 53
S 19	9 54	2 12	1 20	5 5	1 40	1 46	3 18	14 14	1 25	20 2	1 5	11 8	1 19	23 17	0 7	21 59	0 51	15 31	7 52	4 47	4 24	28 1	15 7	6 53
S 20	10 15	3n57	0 10	5 48	1 36	1 47	3 6	14 3	1 26	20 1	1 5	11 6	1 20	23 17	0 7	21 59	0 51	15 31	7 52	4 47	4 23	28 2	15 7	6 52
M21	10 37	9 50	1n 0	6 32	1 31	1 47	2 55	13 52	1 27	20 1	1 5	11 4	1 20	23 18	0 7	21 59	0 51	15 31	7 52	4 47	4 21	28 3	15 7	6 52
T 22	10 58	15 16	2 5	7 15	1 26	1 47	2 43	13 41	1 28	20 0	1 5	11 2	1 20	23 18	0 7	21 59	0 51	15 31	7 52	4 47	4 20	28 3	15 7	6 51
W23	11 19	20 1	3 3	7 58	1 20	1 46	2 32	13 29	1 28	19 59	1 5	11 1	1 20	23 18	0 7	21 59	0 51	15 31	7 53	4 46	4 19	28 4	15 7	6 51
T 24	11 40	23 52	3 53	8 41	1 15	1 44	2 21	13 18	1 29	19 58	1 5	10 59	1 20	23 18	0 7	21 59	0 51	15 31	7 53	4 45	4 18	28 5	15 8	6 50
F 25	12 1	26 39	4 32	9 23	1 9	1 41	2 11	13 7	1 30	19 56	1 5	10 57	1 20	23 18	0 7	21 59	0 51	15 31	7 53	4 43	4 16	28 5	15 8	6 50
S 26	12 21	28 14	4 58	10 5	1 3	1 37	2 0	12 55	1 31	19 55	1 5	10 55	1 21	23 18	0 7	21 59	0 51	15 31	7 53	4 42	4 15	28 6	15 8	6 49
S 27	12 42	28 31	5 12	10 47	0 56	1 33	1 50	12 44	1 31	19 54	1 5	10 53	1 21	23 19	0 7	21 59	0 51	15 31	7 53	4 41	4 14	28 7	15 8	6 49
M28	13 2	27 28	5 13	11 27	0 50	1 28	1 40	12 32	1 32	19 53	1 5	10 52	1 21	23 19	0 7	21 59	0 51	15 30	7 53	4 40	4 13	28 7	15 8	6 48
T 29	13 22	25 10	5 0	12 7	0 44	1 22	1 30	12 21	1 33	19 52	1 5	10 50	1 21	23 19	0 7	21 59	0 51	15 30	7 53	4 40	4 11	28 8	15 9	6 48
W30	13 42	21 42	4 33	12 47	0 37	1 16	1 20	12 10	1 34	19 51	1 5	10 48	1 21	23 19	0 7	21 59	0 51	15 30	7 53	4 40	4 10	28 9	15 9	6 47
T 31	14s 1	17n13	3n53	13s26	0n31	1n 8	1s10	11n58	1n34	19n50	1s 5	10n47	1n22	23s19	0s 7	21s59	0n51	15n30	7s53	4n40	4n 9	28n 9	15s 9	6n47

Julian Day Number = 2508065.5, Delta T = 124.98 sec
Ecliptic obliquity = 23°25'18, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°54'10, Lahiri = 26°01'10

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

NOVEMBER 2154 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 41 11	8♏32'51	6♍39	8♏52	25♍ 7	3♍16	3°R41	5♍30	22♐18	12♑43	27°R 2	11♈50	10♈26	23♊18	20♑36	F 1
S 2	2 45 8	9°32'49	19°48	10°30	25°49	3°50	3♊34	5°35	22°21	12°44	27♊ 1	11°52	10°23	23°25	20°39	S 2
S 3	2 49 4	10°32'48	3♎23	12° 8	26°33	4°24	3°27	5°40	22°24	12°46	27° 1	11°53	10°20	23°31	20°41	S 3
M 4	2 53 1	11°32'50	17°24	13°45	27°18	4°57	3°20	5°44	22°27	12°47	27° 0	11°R53	10°16	23°38	20°44	M 4
T 5	2 56 57	12°32'54	1♏50	15°22	28° 3	5°30	3°13	5°49	22°30	12°48	26°59	11°52	10°13	23°45	20°47	T 5
W 6	3 0 54	13°33'00	16°35	16°58	28°50	6° 4	3° 5	5°53	22°33	12°50	26°58	11°49	10°10	23°51	20°50	W 6
T 7	3 4 51	14°33'08	1♐32	18°34	29°38	6°37	2°58	5°58	22°36	12°51	26°58	11°45	10° 7	23°58	20°54	T 7
F 8	3 8 47	15°33'18	16°33	20° 9	0♎26	7°10	2°51	6° 2	22°39	12°52	26°57	11°40	10° 4	24° 5	20°57	F 8
S 9	3 12 44	16°33'29	1♑28	21°44	1°15	7°43	2°43	6° 6	22°42	12°54	26°56	11°35	10° 1	24°12	21° 0	S 9
S 10	3 16 40	17°33'42	16° 9	23°19	2° 5	8°15	2°35	6°10	22°45	12°55	26°55	11°30	9°57	24°18	21° 3	S 10
M11	3 20 37	18°33'56	0♒32	24°53	2°56	8°48	2°28	6°14	22°48	12°57	26°54	11°27	9°54	24°25	21° 7	M11
T 12	3 24 33	19°34'12	14°33	26°27	3°48	9°20	2°20	6°18	22°52	12°58	26°53	11°D26	9°51	24°32	21°10	T 12
W13	3 28 30	20°34'29	28°11	28° 1	4°40	9°53	2°12	6°21	22°55	13° 0	26°52	11°26	9°48	24°39	21°14	W13
T 14	3 32 27	21°34'47	11♓28	29°34	5°34	10°25	2° 4	6°25	22°58	13° 1	26°51	11°27	9°45	24°45	21°17	T 14
F 15	3 36 23	22°35'07	24°27	1♐ 7	6°27	10°57	1°56	6°29	23° 1	13° 3	26°51	11°29	9°42	24°52	21°21	F 15
S 16	3 40 20	23°35'28	7♈10	2°39	7°22	11°29	1°48	6°32	23° 4	13° 5	26°50	11°R30	9°38	24°59	21°24	S 16
S 17	3 44 16	24°35'51	19°40	4°12	8°17	12° 1	1°40	6°36	23° 8	13° 6	26°49	11°29	9°35	25° 5	21°28	S 17
M18	3 48 13	25°36'15	2♉ 0	5°44	9°13	12°33	1°32	6°39	23°11	13° 8	26°48	11°27	9°32	25°12	21°32	M18
T 19	3 52 9	26°36'41	14°11	7°16	10° 9	13° 4	1°24	6°42	23°14	13°10	26°47	11°23	9°29	25°19	21°36	T 19
W20	3 56 6	27°37'08	26°16	8°47	11° 6	13°36	1°16	6°45	23°18	13°11	26°46	11°16	9°26	25°26	21°40	W20
T 21	4 0 2	28°37'37	8♊14	10°19	12° 3	14° 7	1° 8	6°48	23°21	13°13	26°45	11° 8	9°22	25°32	21°44	T 21
F 22	4 3 59	29°38'08	20° 9	11°49	13° 1	14°38	1° 0	6°51	23°25	13°15	26°44	10°58	9°19	25°39	21°48	F 22
S 23	4 7 56	0♐38'40	2♋ 1	13°20	14° 0	15° 9	0°51	6°54	23°28	13°16	26°43	10°48	9°16	25°46	21°52	S 23
S 24	4 11 52	1°39'14	13°53	14°51	14°59	15°40	0°43	6°57	23°31	13°18	26°42	10°39	9°13	25°52	21°56	S 24
M25	4 15 49	2°39'49	25°46	16°21	15°58	16°11	0°35	6°59	23°35	13°20	26°41	10°31	9°10	25°59	22° 0	M25
T 26	4 19 45	3°40'26	7♌44	17°51	16°58	16°41	0°27	7° 2	23°38	13°22	26°39	10°25	9° 7	26° 6	22° 4	T 26
W27	4 23 42	4°41'05	19°52	19°20	17°59	17°11	0°19	7° 4	23°42	13°24	26°38	10°21	9° 3	26°13	22° 9	W27
T 28	4 27 38	5°41'45	2♍12	20°49	19° 0	17°42	0°11	7° 6	23°45	13°26	26°37	10°D20	9° 0	26°19	22°13	T 28
F 29	4 31 35	6°42'27	14°51	22°18	20° 1	18°12	0° 3	7° 8	23°49	13°28	26°36	10°20	8°57	26°26	22°17	F 29
S 30	4 35 31	7♐43'10	27♍52	23♐46	21♎ 3	18♍42	29♉54	7♍11	23♐52	13♑29	26♊35	10♈21	8♈54	26♊33	22♑22	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14s20	11n52	3n 1	14s 4	0n24	1n 0	1s 1	11n47	1n35	19n48	1s 5	10n45	1n22	23s19	0s 7	21s59	0n51	15n30	7s53	4n41	4n 8	28n10	15s 9	6n46
S 2	14 40	5 51	1 58	14 41	0 17	0 52	0 52	11 35	1 36	19 47	1 5	10 44	1 22	23 20	0 8	21 58	0 50	15 30	7 53	4 41	4 6	28 10	15 9	6 46
S 3	14 58	0s38	0 46	15 18	0 10	0 43	0 43	11 24	1 37	19 46	1 5	10 42	1 22	23 20	0 8	21 58	0 50	15 30	7 54	4 42	4 5	28 11	15 9	6 45
M 4	15 17	7 17	0s30	15 54	0 4	0 33	0 35	11 12	1 37	19 44	1 5	10 41	1 22	23 20	0 8	21 58	0 50	15 30	7 54	4 42	4 4	28 12	15 9	6 45
T 5	15 36	13 46	1 47	16 29	0s 3	0 22	0 26	11 0	1 38	19 43	1 5	10 39	1 23	23 20	0 8	21 58	0 50	15 30	7 54	4 41	4 3	28 12	15 9	6 44
W 6	15 54	19 37	2 58	17 3	0 10	0 11	0 18	10 49	1 39	19 42	1 5	10 38	1 23	23 20	0 8	21 58	0 50	15 30	7 54	4 40	4 1	28 13	15 9	6 44
T 7	16 12	24 20	3 58	17 36	0 17	0s 0	0 10	10 37	1 40	19 40	1 5	10 36	1 23	23 20	0 8	21 58	0 50	15 29	7 54	4 38	4 0	28 13	15 9	6 43
F 8	16 29	27 25	4 42	18 9	0 23	0 12	0 2	10 26	1 41	19 39	1 5	10 35	1 23	23 21	0 8	21 58	0 50	15 29	7 54	4 37	3 59	28 14	15 9	6 43
S 9	16 46	28 31	5 6	18 40	0 30	0 25	0n 5	10 14	1 41	19 38	1 5	10 34	1 23	23 21	0 8	21 58	0 50	15 29	7 54	4 35	3 58	28 14	15 9	6 43
S 10	17 4	27 34	5 10	19 11	0 36	0 38	0 13	10 3	1 42	19 36	1 5	10 32	1 24	23 21	0 8	21 58	0 50	15 29	7 54	4 33	3 56	28 15	15 9	6 42
M11	17 20	24 48	4 54	19 40	0 43	0 52	0 20	9 51	1 43	19 35	1 5	10 31	1 24	23 21	0 8	21 58	0 50	15 29	7 54	4 32	3 55	28 16	15 9	6 42
T 12	17 37	20 37	4 21	20 9	0 49	1 6	0 27	9 40	1 44	19 33	1 5	10 30	1 24	23 21	0 8	21 57	0 50	15 29	7 54	4 31	3 54	28 16	15 9	6 41
W13	17 53	15 26	3 33	20 36	0 56	1 20	0 34	9 28	1 45	19 32	1 5	10 29	1 24	23 21	0 8	21 57	0 50	15 29	7 54	4 31	3 53	28 17	15 9	6 41
T 14	18 9	9 39	2 36	21 3	1 2	1 35	0 40	9 17	1 45	19 30	1 5	10 28	1 25	23 22	0 8	21 57	0 50	15 29	7 54	4 32	3 51	28 17	15 9	6 40
F 15	18 24	3 36	1 31	21 28	1 8	1 51	0 47	9 6	1 46	19 29	1 5	10 26	1 25	23 22	0 8	21 57	0 50	15 29	7 54	4 32	3 50	28 18	15 9	6 40
S 16	18 39	2n29	0 23	21 53	1 14	2 7	0 53	8 54	1 47	19 27	1 5	10 25	1 25	23 22	0 8	21 57	0 50	15 29	7 54	4 33	3 49	28 18	15 8	6 40
S 17	18 54	8 22	0n44	22 16	1 20	2 23	0 59	8 43	1 48	19 26	1 4	10 24	1 25	23 22	0 8	21 57	0 50	15 29	7 55	4 32	3 48	28 19	15 8	6 39
M18	19 9	13 52	1 49	22 39	1 25	2 39	1 5	8 31	1 49	19 24	1 4	10 23	1 25	23 22	0 8	21 57	0 50	15 29	7 55	4 32	3 46	28 19	15 8	6 39
T 19	19 23	18 45	2 47	23 0	1 31	2 56	1 10	8 20	1 50	19 23	1 4	10 22	1 26	23 23	0 8	21 57	0 50	15 28	7 55	4 30	3 45	28 20	15 8	6 38
W20	19 37	22 49	3 37	23 20	1 36	3 14	1 16	8 9	1 50	19 21	1 4	10 21	1 26	23 23	0 8	21 56	0 50	15 28	7 55	4 27	3 44	28 20	15 8	6 38
T 21	19 50	25 54	4 18	23 39	1 41	3 31	1 21	7 57	1 51	19 20	1 4	10 20	1 26	23 23	0 8	21 56	0 50	15 28	7 55	4 24	3 43	28 20	15 7	6 38
F 22	20 3	27 49	4 46	23 56	1 46	3 49	1 26	7 46	1 52	19 18	1 4	10 20	1 26	23 23	0 8	21 56	0 50	15 28	7 55	4 20	3 41	28 21	15 7	6 37
S 23	20 16	28 27	5 2	24 13	1 51	4 7	1 31	7 35	1 53	19 16	1 4	10 19	1 27	23 23	0 8	21 56	0 50	15 28	7 55	4 16	3 40	28 21	15 7	6 37
S 24	20 29	27 46	5 5	24 28	1 55	4 26	1 35	7 24	1 54	19 15	1 4	10 18	1 27	23 23	0 8	21 56	0 50	15 28	7 55	4 13	3 39	28 22	15 7	6 36
M25	20 41	25 48	4 55	24 42	1 59	4 44	1 40	7 13	1 55	19 13	1 4	10 17	1 27	23 24	0 8	21 56	0 50	15 28	7 55	4 10	3 38	28 22	15 6	6 36
T 26	20 52	22 42	4 32	24 55	2 3	5 3	1 44	7 2	1 55	19 12	1 3	10 17	1 27	23 24	0 8	21 56	0 50	15 28	7 55	4 7	3 36	28 23	15 6	6 36
W27	21 3	18 35	3 57	25 6	2 7	5 23	1 48	6 50	1 56	19 10	1 3	10 16	1 28	23 24	0 8	21 55	0 50	15 28	7 55	4 6	3 35	28 23	15 6	6 35
T 28	21 14	13 38	3 10	25 16	2 10	5 42	1 52	6 39	1 57	19 9	1 3	10 15	1 28	23 24	0 8	21 55	0 50	15 28	7 55	4 5	3 34	28 23	15 6	6 35
F 29	21 25	8 0	2 12	25 25	2 13	6 2	1 56	6 29	1 58	19 7	1 3	10 15	1 28	23 24	0 8	21 55	0 50	15 28	7 55	4 5	3 33	28 24	15 5	6 35
S 30	21s35	1n52	1n 6	25s32	2s16	6s21	2n 0	6n18	1n59	19n 5	1s 3	10n14	1n28	23s24	0s 8	21s55	0n50	15n28	7s55	4n 6	3n31	28n24	15s 5	6n34

Julian Day Number = 2508096.5, Delta T = 125.04 sec
Ecliptic obliquity = 23°25'18, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°54'14, Lahiri = 26°01'14

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2154
geocentric

DECEMBER 2154 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 39 28	8♐43'55	11♎20	25♐14	22♎ 5	19♍11	29°R46	7♍13	23♐56	13♑31	26°R34	10°R22	8♈51	26♊39	22♑26	S 1
M 2	4 43 25	9°44'42	25°17	26°41	23° 7	19°41	29♉39	7°14	24° 0	13°33	26♊33	10♈21	8°48	26°46	22°31	M 2
T 3	4 47 21	10°45'30	9♏43	28° 8	24°10	20°10	29°31	7°16	24° 3	13°35	26°32	10°17	8°44	26°53	22°35	T 3
W 4	4 51 18	11°46'20	24°35	29°33	25°13	20°39	29°23	7°18	24° 7	13°37	26°31	10°11	8°41	27° 0	22°40	W 4
T 5	4 55 14	12°47'10	9♐45	0♑58	26°17	21° 8	29°15	7°19	24°10	13°39	26°30	10° 3	8°38	27° 6	22°44	T 5
F 6	4 59 11	13°48'03	25° 4	2°22	27°21	21°37	29° 7	7°21	24°14	13°41	26°28	9°53	8°35	27°13	22°49	F 6
S 7	5 3 7	14°48'56	10♑20	3°45	28°25	22° 6	29° 0	7°22	24°18	13°43	26°27	9°43	8°32	27°20	22°54	S 7
S 8	5 7 4	15°49'50	25°22	5° 6	29°29	22°34	28°52	7°23	24°21	13°45	26°26	9°34	8°28	27°27	22°59	S 8
M 9	5 11 0	16°50'45	10♒ 2	6°26	0♏34	23° 3	28°45	7°24	24°25	13°48	26°25	9°27	8°25	27°33	23° 3	M 9
T 10	5 14 57	17°51'40	24°15	7°44	1°39	23°30	28°37	7°25	24°28	13°50	26°24	9°22	8°22	27°40	23° 8	T 10
W11	5 18 54	18°52'37	8♓ 0	8°59	2°45	23°58	28°30	7°26	24°32	13°52	26°23	9°20	8°19	27°47	23°13	W11
T 12	5 22 50	19°53'33	21°17	10°13	3°50	24°26	28°23	7°27	24°36	13°54	26°21	9°D19	8°16	27°53	23°18	T 12
F 13	5 26 47	20°54'31	4♈11	11°23	4°56	24°53	28°16	7°28	24°39	13°56	26°20	9°R20	8°13	28° 0	23°23	F 13
S 14	5 30 43	21°55'29	16°46	12°30	6° 2	25°20	28° 9	7°28	24°43	13°58	26°19	9°19	8° 9	28° 7	23°28	S 14
S 15	5 34 40	22°56'27	29° 5	13°33	7° 9	25°47	28° 3	7°28	24°47	14° 0	26°18	9°18	8° 6	28°14	23°33	S 15
M16	5 38 36	23°57'27	11♉13	14°32	8°15	26°14	27°56	7°29	24°50	14° 2	26°17	9°13	8° 3	28°20	23°38	M16
T 17	5 42 33	24°58'27	23°14	15°25	9°22	26°40	27°49	7°29	24°54	14° 5	26°16	9° 6	8° 0	28°27	23°43	T 17
W18	5 46 29	25°59'27	5♊10	16°13	10°29	27° 7	27°43	7°R29	24°58	14° 7	26°14	8°56	7°57	28°34	23°48	W18
T 19	5 50 26	27° 0'28	17° 4	16°54	11°36	27°33	27°37	7°29	25° 1	14° 9	26°13	8°43	7°54	28°40	23°53	T 19
F 20	5 54 23	28° 1'30	28°56	17°28	12°44	27°58	27°31	7°29	25° 5	14°11	26°12	8°29	7°50	28°47	23°58	F 20
S 21	5 58 19	29° 2'33	10♋49	17°54	13°52	28°24	27°25	7°29	25° 9	14°13	26°11	8°14	7°47	28°54	24° 4	S 21
S 22	6 2 16	0♑ 3'36	22°43	18°10	15° 0	28°49	27°19	7°28	25°12	14°15	26°10	8° 0	7°44	29° 1	24° 9	S 22
M23	6 6 12	1° 4'40	4♌41	18°R16	16° 8	29°14	27°14	7°28	25°16	14°18	26° 9	7°47	7°41	29° 7	24°14	M23
T 24	6 10 9	2° 5'44	16°43	18°11	17°16	29°39	27° 8	7°27	25°19	14°20	26° 7	7°37	7°38	29°14	24°19	T 24
W25	6 14 5	3° 6'49	28°53	17°55	18°25	0♎ 3	27° 3	7°27	25°23	14°22	26° 6	7°31	7°34	29°21	24°25	W25
T 26	6 18 2	4° 7'55	11♍14	17°27	19°33	0°27	26°58	7°26	25°27	14°24	26° 5	7°27	7°31	29°28	24°30	T 26
F 27	6 21 59	5° 9'02	23°50	16°48	20°42	0°51	26°53	7°25	25°30	14°27	26° 4	7°25	7°28	29°34	24°35	F 27
S 28	6 25 55	6°10'09	6♎45	15°57	21°51	1°15	26°48	7°24	25°34	14°29	26° 3	7°25	7°25	29°41	24°41	S 28
S 29	6 29 52	7°11'16	20° 3	14°56	23° 0	1°38	26°44	7°23	25°38	14°31	26° 2	7°25	7°22	29°48	24°46	S 29
M30	6 33 48	8°12'25	3♏48	13°46	24°10	2° 1	26°39	7°21	25°41	14°33	26° 0	7°23	7°19	29°54	24°51	M30
T 31	6 37 45	9♑13'34	18♏ 2	12♑30	25♏19	2♎23	26♉35	7♍20	25♐45	14♑36	25♊59	7♈19	7♈15	0♋ 1	24♑57	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s44	4s34	0s 5	25s38	2s18	6s41	2n 3	6n 7	2n 0	19n 4	1s 3	10n14	1n28	23s25	0s 8	21s55	0n50	15n28	7s55	4n 6	3n30	28n24	15s 4	6n34
M 2	21 54	11 0	1 19	25 43	2 20	7 1	2 6	5 56	2 1	19 2	1 3	10 13	1 29	23 25	0 8	21 55	0 50	15 28	7 55	4 6	3 29	28 25	15 4	6 34
T 3	22 3	17 5	2 30	25 46	2 22	7 21	2 10	5 45	2 2	19 1	1 2	10 13	1 29	23 25	0 8	21 54	0 50	15 28	7 55	4 4	3 28	28 25	15 4	6 33
W 4	22 11	22 20	3 33	25 48	2 23	7 42	2 12	5 35	2 3	18 59	1 2	10 12	1 29	23 25	0 8	21 54	0 50	15 28	7 55	4 2	3 26	28 26	15 3	6 33
T 5	22 19	26 13	4 22	25 49	2 23	8 2	2 15	5 24	2 3	18 58	1 2	10 12	1 29	23 25	0 8	21 54	0 50	15 28	7 55	3 59	3 25	28 26	15 3	6 33
F 6	22 26	28 12	4 53	25 48	2 24	8 22	2 18	5 14	2 4	18 56	1 2	10 12	1 30	23 25	0 8	21 54	0 49	15 28	7 55	3 55	3 24	28 26	15 2	6 32
S 7	22 33	28 3	5 3	25 45	2 23	8 43	2 20	5 3	2 5	18 55	1 2	10 11	1 30	23 26	0 8	21 54	0 49	15 28	7 55	3 51	3 23	28 26	15 2	6 32
S 8	22 40	25 49	4 51	25 41	2 22	9 4	2 23	4 53	2 6	18 53	1 2	10 11	1 30	23 26	0 8	21 53	0 49	15 28	7 55	3 47	3 21	28 27	15 1	6 32
M 9	22 46	21 54	4 21	25 36	2 21	9 24	2 25	4 42	2 7	18 52	1 1	10 11	1 30	23 26	0 8	21 53	0 49	15 28	7 55	3 44	3 20	28 27	15 1	6 32
T 10	22 52	16 48	3 35	25 30	2 18	9 45	2 27	4 32	2 8	18 51	1 1	10 11	1 31	23 26	0 8	21 53	0 49	15 28	7 55	3 43	3 19	28 27	15 0	6 31
W11	22 57	11 1	2 38	25 22	2 15	10 5	2 29	4 22	2 9	18 49	1 1	10 11	1 31	23 26	0 8	21 53	0 49	15 28	7 55	3 42	3 18	28 28	15 0	6 31
T 12	23 2	4 54	1 34	25 13	2 11	10 26	2 30	4 12	2 10	18 48	1 1	10 11	1 31	23 26	0 8	21 53	0 49	15 28	7 55	3 41	3 16	28 28	14 59	6 31
F 13	23 7	1n15	0 27	25 2	2 7	10 46	2 32	4 2	2 11	18 47	1 1	10 11	1 31	23 27	0 8	21 53	0 49	15 28	7 55	3 42	3 15	28 28	14 59	6 31
S 14	23 11	7 11	0n39	24 51	2 1	11 7	2 33	3 52	2 12	18 45	1 0	10 11	1 32	23 27	0 8	21 52	0 49	15 28	7 55	3 42	3 14	28 28	14 58	6 30
S 15	23 14	12 44	1 43	24 38	1 55	11 27	2 34	3 42	2 13	18 44	1 0	10 11	1 32	23 27	0 8	21 52	0 49	15 28	7 55	3 41	3 13	28 29	14 58	6 30
M16	23 17	17 43	2 40	24 25	1 47	11 47	2 36	3 33	2 14	18 43	1 0	10 11	1 32	23 27	0 8	21 52	0 49	15 28	7 55	3 39	3 11	28 29	14 57	6 30
T 17	23 20	21 57	3 30	24 10	1 39	12 8	2 37	3 23	2 15	18 41	1 0	10 11	1 32	23 27	0 8	21 52	0 49	15 28	7 55	3 36	3 10	28 29	14 56	6 30
W18	23 22	25 14	4 10	23 55	1 29	12 28	2 37	3 14	2 16	18 40	0 59	10 11	1 33	23 27	0 8	21 51	0 49	15 28	7 55	3 32	3 9	28 29	14 56	6 29
T 19	23 23	27 25	4 39	23 39	1 18	12 48	2 38	3 4	2 17	18 39	0 59	10 11	1 33	23 27	0 8	21 51	0 49	15 28	7 55	3 27	3 8	28 30	14 55	6 29
F 20	23 24	28 20	4 55	23 23	1 6	13 8	2 39	2 55	2 18	18 38	0 59	10 12	1 33	23 28	0 8	21 51	0 49	15 28	7 55	3 22	3 6	28 30	14 55	6 29
S 21	23 25	27 57	4 59	23 6	0 53	13 27	2 39	2 46	2 19	18 37	0 59	10 12	1 33	23 28	0 8	21 51	0 49	15 28	7 54	3 16	3 5	28 30	14 54	6 29
S 22	23 25	26 16	4 50	22 49	0 38	13 47	2 39	2 37	2 20	18 36	0 59	10 12	1 34	23 28	0 8	21 51	0 49	15 28	7 54	3 10	3 4	28 30	14 53	6 29
M23	23 25	23 24	4 28	22 33	0 22	14 6	2 39	2 28	2 21	18 35	0 58	10 13	1 34	23 28	0 8	21 50	0 49	15 28	7 54	3 5	3 3	28 30	14 52	6 28
T 24	23 24	19 31	3 53	22 16	0 5	14 25	2 40	2 19	2 22	18 34	0 58	10 13	1 34	23 28	0 8	21 50	0 49	15 28	7 54	3 1	3 1	28 31	14 52	6 28
W25	23 23	14 47	3 8	22 1	0n13	14 44	2 39	2 10	2 23	18 33	0 58	10 14	1 34	23 28	0 8	21 50	0 49	15 28	7 54	2 59	3 0	28 31	14 51	6 28
T 26	23 21	9 24	2 13	21 46	0 32	15 3	2 39	2 1	2 24	18 32	0 58	10 14	1 35	23 28	0 8	21 50	0 49	15 28	7 54	2 57	2 59	28 31	14 50	6 28
F 27	23 19	3 32	1 11	21 31	0 51	15 22	2 39	1 53	2 25	18 31	0 57	10 15	1 35	23 29	0 8	21 50	0 49	15 28	7 54	2 57	2 58	28 31	14 50	6 28
S 28	23 17	2s37	0 4	21 18	1 11	15 40	2 38	1 45	2 26	18 30	0 57	10 15	1 35	23 29	0 8	21 49	0 49	15 28	7 54	2 56	2 56	28 31	14 49	6 28
S 29	23 14	8 51	1s 6	21 5	1 31	15 58	2 38	1 36	2 27	18 29	0 57	10 16	1 35	23 29	0 8	21 49	0 49	15 28	7 54	2 56	2 55	28 31	14 48	6 28
M30	23 10	14 53	2 14	20 54	1 50	16 15	2 37	1 28	2 28	18 29	0 57	10 17	1 36	23 29	0 8	21 49	0 49	15 28	7 54	2 56	2 54	28 31	14 47	6 27
T 31	23s 6	20s20	3s17	20s43	2n 8	16s33	2n36	1n20	2n29	18n28	0s56	10n18	1n36	23s29	0s 8	21s49	0n49	15n28	7s54	2n54	2n53	28n32	14s46	6n27

Julian Day Number = 2508126.5, Delta T = 125.10 sec
Ecliptic obliquity = 23°25'18, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°54'18, Lahiri = 26°01'18

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2155
geocentric

JANUARY 2155 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 41 41	10♑14'43	2♐42	11°R 9	26♏29	2♎46	26°R31	7°R19	25♐48	14♑38	25°R58	7°R13	7♈12	0♋ 8	25♑ 2	W 1
T 2	6 45 38	11°15'53	17°45	9♑48	27°39	3° 8	26♉27	7♍17	25°52	14°40	25♊57	7♈ 3	7° 9	0°15	25° 8	T 2
F 3	6 49 34	12°17'04	3♑ 3	8°27	28°49	3°29	26°24	7°15	25°55	14°43	25°56	6°52	7° 6	0°21	25°13	F 3
S 4	6 53 31	13°18'14	18°23	7°10	29°59	3°50	26°20	7°14	25°59	14°45	25°55	6°40	7° 3	0°28	25°18	S 4
S 5	6 57 28	14°19'25	3♒35	5°59	1♐ 9	4°11	26°17	7°12	26° 2	14°47	25°54	6°29	7° 0	0°35	25°24	S 5
M 6	7 1 24	15°20'35	18°27	4°56	2°19	4°32	26°14	7°10	26° 6	14°49	25°53	6°20	6°56	0°42	25°29	M 6
T 7	7 5 21	16°21'45	2♓53	4° 1	3°30	4°52	26°11	7° 8	26° 9	14°52	25°51	6°14	6°53	0°48	25°35	T 7
W 8	7 9 17	17°22'55	16°49	3°17	4°40	5°12	26° 8	7° 5	26°13	14°54	25°50	6°10	6°50	0°55	25°40	W 8
T 9	7 13 14	18°24'05	0♈15	2°43	5°51	5°31	26° 6	7° 3	26°16	14°56	25°49	6° 9	6°47	1° 2	25°46	T 9
F 10	7 17 10	19°25'14	13°13	2°18	7° 2	5°50	26° 4	7° 1	26°20	14°58	25°48	6° 9	6°44	1° 8	25°51	F 10
S 11	7 21 7	20°26'22	25°49	2° 4	8°12	6° 9	26° 2	6°58	26°23	15° 1	25°47	6° 9	6°40	1°15	25°57	S 11
S 12	7 25 3	21°27'31	8♉ 7	1°D59	9°23	6°27	26° 0	6°56	26°27	15° 3	25°46	6° 8	6°37	1°22	26° 2	S 12
M13	7 29 0	22°28'38	20°12	2° 3	10°34	6°45	25°58	6°53	26°30	15° 5	25°45	6° 4	6°34	1°29	26° 8	M13
T 14	7 32 57	23°29'46	2♊ 8	2°15	11°46	7° 2	25°57	6°50	26°33	15° 7	25°44	5°58	6°31	1°35	26°13	T 14
W15	7 36 53	24°30'53	14° 0	2°35	12°57	7°19	25°56	6°47	26°37	15°10	25°43	5°49	6°28	1°42	26°19	W15
T 16	7 40 50	25°31'59	25°52	3° 1	14° 8	7°36	25°55	6°44	26°40	15°12	25°42	5°38	6°25	1°49	26°25	T 16
F 17	7 44 46	26°33'05	7♋44	3°34	15°19	7°52	25°54	6°41	26°43	15°14	25°41	5°25	6°21	1°55	26°30	F 17
S 18	7 48 43	27°34'10	19°40	4°12	16°31	8° 8	25°53	6°38	26°47	15°16	25°40	5°11	6°18	2° 2	26°36	S 18
S 19	7 52 39	28°35'15	1♌40	4°55	17°43	8°23	25°53	6°35	26°50	15°19	25°39	4°58	6°15	2° 9	26°41	S 19
M20	7 56 36	29°36'19	13°46	5°42	18°54	8°37	25°D53	6°32	26°53	15°21	25°38	4°47	6°12	2°16	26°47	M20
T 21	8 0 33	0♒37'23	25°59	6°34	20° 6	8°52	25°53	6°28	26°56	15°23	25°37	4°38	6° 9	2°22	26°52	T 21
W22	8 4 29	1°38'27	8♍19	7°29	21°18	9° 5	25°53	6°25	27° 0	15°25	25°36	4°32	6° 6	2°29	26°58	W22
T 23	8 8 26	2°39'30	20°50	8°28	22°30	9°18	25°53	6°21	27° 3	15°28	25°35	4°28	6° 2	2°36	27° 3	T 23
F 24	8 12 22	3°40'32	3♎32	9°30	23°42	9°31	25°54	6°18	27° 6	15°30	25°34	4°D27	5°59	2°43	27° 9	F 24
S 25	8 16 19	4°41'34	16°30	10°34	24°54	9°43	25°55	6°14	27° 9	15°32	25°34	4°28	5°56	2°49	27°14	S 25
S 26	8 20 15	5°42'36	29°46	11°41	26° 6	9°55	25°56	6°10	27°12	15°34	25°33	4°R28	5°53	2°56	27°20	S 26
M27	8 24 12	6°43'37	13♏23	12°50	27°18	10° 6	25°57	6° 6	27°15	15°36	25°32	4°28	5°50	3° 3	27°25	M27
T 28	8 28 8	7°44'38	27°23	14° 1	28°30	10°16	25°59	6° 3	27°18	15°38	25°31	4°27	5°46	3° 9	27°31	T 28
W29	8 32 5	8°45'38	11♐46	15°14	29°42	10°26	26° 0	5°59	27°21	15°41	25°30	4°23	5°43	3°16	27°36	W29
T 30	8 36 2	9°46'38	26°29	16°28	0♑55	10°35	26° 2	5°54	27°24	15°43	25°29	4°16	5°40	3°23	27°41	T 30
F 31	8 39 58	10♒47'38	11♑27	17♑44	2♑ 7	10♎44	26♉ 4	5♍50	27♐27	15♑45	25♊29	4♈ 8	5♈37	3♋30	27♑47	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23s 2	24s44	4s 8	20s34	2n24	16s50	2n36	1n12	2n31	18n27	0s56	10n18	1n36	23s29	0s 8	21s48	0n49	15n28	7s54	2n52	2n51	28n32	14s46	6n27
T 2	22 57	27 34	4 43	20 26	2 38	17 7	2 35	1 5	2 32	18 27	0 56	10 19	1 36	23 29	0 8	21 48	0 49	15 28	7 54	2 48	2 50	28 32	14 45	6 27
F 3	22 51	28 22	4 59	20 19	2 50	17 23	2 33	0 57	2 33	18 26	0 56	10 20	1 36	23 29	0 8	21 48	0 49	15 28	7 53	2 43	2 49	28 32	14 44	6 27
S 4	22 45	27 1	4 54	20 14	3 0	17 39	2 32	0 50	2 34	18 25	0 55	10 21	1 37	23 30	0 8	21 48	0 49	15 28	7 53	2 39	2 48	28 32	14 43	6 27
S 5	22 39	23 40	4 27	20 10	3 7	17 55	2 31	0 42	2 35	18 25	0 55	10 22	1 37	23 30	0 8	21 47	0 49	15 28	7 53	2 34	2 46	28 32	14 42	6 27
M 6	22 32	18 49	3 43	20 8	3 12	18 10	2 30	0 35	2 36	18 24	0 55	10 23	1 37	23 30	0 8	21 47	0 49	15 28	7 53	2 31	2 45	28 32	14 41	6 27
T 7	22 25	13 1	2 46	20 7	3 14	18 25	2 28	0 28	2 37	18 24	0 54	10 24	1 37	23 30	0 8	21 47	0 49	15 29	7 53	2 28	2 44	28 32	14 40	6 27
W 8	22 18	6 45	1 40	20 8	3 15	18 39	2 26	0 22	2 38	18 24	0 54	10 25	1 38	23 30	0 8	21 47	0 49	15 29	7 53	2 27	2 43	28 32	14 39	6 27
T 9	22 9	0 23	0 31	20 11	3 13	18 53	2 25	0 15	2 40	18 23	0 54	10 26	1 38	23 30	0 8	21 46	0 49	15 29	7 53	2 27	2 41	28 32	14 38	6 27
F 10	22 1	5n47	0n37	20 15	3 10	19 7	2 23	0 9	2 41	18 23	0 54	10 27	1 38	23 30	0 8	21 46	0 49	15 29	7 53	2 27	2 40	28 32	14 38	6 26
S 11	21 52	11 33	1 42	20 20	3 5	19 20	2 21	0 2	2 42	18 23	0 53	10 28	1 38	23 30	0 8	21 46	0 49	15 29	7 53	2 26	2 39	28 32	14 37	6 26
S 12	21 43	16 44	2 41	20 26	2 59	19 33	2 19	0s 4	2 43	18 23	0 53	10 29	1 38	23 30	0 8	21 46	0 49	15 29	7 52	2 26	2 38	28 32	14 36	6 26
M13	21 33	21 10	3 31	20 33	2 52	19 45	2 17	0 10	2 44	18 23	0 53	10 30	1 39	23 31	0 8	21 45	0 49	15 29	7 52	2 25	2 36	28 32	14 35	6 26
T 14	21 23	24 40	4 11	20 40	2 44	19 57	2 15	0 16	2 45	18 23	0 53	10 32	1 39	23 31	0 8	21 45	0 49	15 29	7 52	2 22	2 35	28 32	14 34	6 26
W15	21 12	27 6	4 40	20 48	2 36	20 8	2 13	0 21	2 47	18 23	0 52	10 33	1 39	23 31	0 8	21 45	0 49	15 29	7 52	2 19	2 34	28 32	14 33	6 26
T 16	21 1	28 18	4 57	20 57	2 27	20 19	2 11	0 27	2 48	18 23	0 52	10 34	1 39	23 31	0 8	21 45	0 49	15 29	7 52	2 14	2 33	28 32	14 32	6 26
F 17	20 50	28 12	5 1	21 5	2 17	20 29	2 8	0 32	2 49	18 23	0 52	10 35	1 40	23 31	0 8	21 45	0 49	15 29	7 52	2 9	2 31	28 32	14 31	6 26
S 18	20 38	26 47	4 52	21 13	2 8	20 39	2 6	0 37	2 50	18 23	0 52	10 37	1 40	23 31	0 8	21 44	0 49	15 30	7 52	2 4	2 30	28 32	14 30	6 26
S 19	20 26	24 9	4 30	21 22	1 58	20 48	2 4	0 42	2 51	18 23	0 51	10 38	1 40	23 31	0 8	21 44	0 49	15 30	7 52	1 58	2 29	28 32	14 29	6 26
M20	20 13	20 26	3 55	21 30	1 48	20 57	2 1	0 46	2 53	18 23	0 51	10 40	1 40	23 31	0 8	21 44	0 49	15 30	7 51	1 54	2 28	28 32	14 28	6 26
T 21	20 0	15 49	3 10	21 37	1 38	21 5	1 58	0 51	2 54	18 23	0 51	10 41	1 40	23 31	0 8	21 44	0 49	15 30	7 51	1 50	2 26	28 32	14 27	6 26
W22	19 47	10 31	2 14	21 44	1 29	21 13	1 56	0 55	2 55	18 24	0 50	10 43	1 41	23 31	0 8	21 43	0 49	15 30	7 51	1 48	2 25	28 32	14 25	6 27
T 23	19 33	4 44	1 12	21 51	1 19	21 20	1 53	0 59	2 56	18 24	0 50	10 44	1 41	23 32	0 8	21 43	0 49	15 30	7 51	1 47	2 24	28 32	14 24	6 27
F 24	19 19	1s20	0 5	21 56	1 9	21 26	1 50	1 3	2 57	18 25	0 50	10 46	1 41	23 32	0 8	21 43	0 49	15 30	7 51	1 46	2 23	28 32	14 23	6 27
S 25	19 5	7 28	1s 4	22 1	0 59	21 32	1 48	1 6	2 59	18 25	0 50	10 47	1 41	23 32	0 8	21 43	0 49	15 30	7 51	1 46	2 21	28 32	14 22	6 27
S 26	18 50	13 26	2 11	22 5	0 50	21 37	1 45	1 10	3 0	18 26	0 49	10 49	1 41	23 32	0 8	21 42	0 49	15 31	7 50	1 47	2 20	28 32	14 21	6 27
M27	18 35	18 54	3 12	22 8	0 40	21 42	1 42	1 13	3 1	18 26	0 49	10 50	1 42	23 32	0 8	21 42	0 49	15 31	7 50	1 47	2 19	28 31	14 20	6 27
T 28	18 19	23 31	4 4	22 10	0 31	21 46	1 39	1 16	3 2	18 27	0 49	10 52	1 42	23 32	0 8	21 42	0 49	15 31	7 50	1 46	2 18	28 31	14 19	6 27
W29	18 3	26 50	4 42	22 11	0 22	21 49	1 36	1 19	3 4	18 27	0 49	10 53	1 42	23 32	0 8	21 42	0 49	15 31	7 50	1 44	2 16	28 31	14 18	6 27
T 30	17 47	28 25	5 3	22 12	0 13	21 52	1 33	1 21	3 5	18 28	0 48	10 55	1 42	23 32	0 8	21 41	0 49	15 31	7 50	1 42	2 15	28 31	14 17	6 27
F 31	17s31	27s58	5s 3	22s11	0n 4	21s54	1n30	1s23	3n 6	18n29	0s48	10n57	1n42	23s32	0s 8	21s41	0n49	15n31	7s50	1n39	2n14	28n31	14s15	6n27

Julian Day Number = 2508157.5, Delta T = 125.16 sec
Ecliptic obliquity = 23°25'17, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°54'22, Lahiri = 26°01'23

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2155
geocentric

FEBRUARY 2155 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 43 55	11♒48'36	26♑31	19♑ 2	3♑20	10♎52	26♉ 7	5°R46	27♐30	15♑47	25°R28	4°R 0	5♈34	3♋36	27♑52	S 1
S 2	8 47 51	12°49'34	11♒31	20°21	4°32	10°59	26° 9	5♍42	27°33	15°49	25♊27	3♈52	5°31	3°43	27°58	S 2
M 3	8 51 48	13°50'31	26°19	21°41	5°45	11° 6	26°12	5°38	27°35	15°51	25°26	3°45	5°27	3°50	28° 3	M 3
T 4	8 55 44	14°51'26	10♓46	23° 2	6°57	11°12	26°15	5°33	27°38	15°53	25°26	3°40	5°24	3°57	28° 8	T 4
W 5	8 59 41	15°52'20	24°47	24°25	8°10	11°17	26°18	5°29	27°41	15°55	25°25	3°38	5°21	4° 3	28°14	W 5
T 6	9 3 37	16°53'13	8♈20	25°48	9°23	11°22	26°21	5°25	27°44	15°57	25°24	3°D38	5°18	4°10	28°19	T 6
F 7	9 7 34	17°54'05	21°27	27°13	10°35	11°26	26°25	5°20	27°46	15°59	25°24	3°39	5°15	4°17	28°24	F 7
S 8	9 11 31	18°54'55	4♉ 9	28°38	11°48	11°29	26°28	5°16	27°49	16° 1	25°23	3°40	5°12	4°23	28°30	S 8
S 9	9 15 27	19°55'44	16°31	0♒ 5	13° 1	11°32	26°32	5°11	27°51	16° 3	25°22	3°R41	5° 8	4°30	28°35	S 9
M10	9 19 24	20°56'31	28°39	1°32	14°14	11°34	26°36	5° 6	27°54	16° 5	25°22	3°41	5° 5	4°37	28°40	M10
T 11	9 23 20	21°57'17	10♊36	3° 0	15°26	11°35	26°40	5° 2	27°57	16° 7	25°21	3°39	5° 2	4°44	28°45	T 11
W12	9 27 17	22°58'02	22°28	4°30	16°39	11°R36	26°45	4°57	27°59	16° 9	25°20	3°35	4°59	4°50	28°50	W12
T 13	9 31 13	23°58'45	4♋20	6° 0	17°52	11°36	26°49	4°52	28° 1	16°11	25°20	3°29	4°56	4°57	28°55	T 13
F 14	9 35 10	24°59'26	16°14	7°31	19° 5	11°35	26°54	4°48	28° 4	16°13	25°19	3°22	4°52	5° 4	29° 1	F 14
S 15	9 39 6	26° 0'06	28°13	9° 3	20°18	11°33	26°59	4°43	28° 6	16°15	25°19	3°15	4°49	5°10	29° 6	S 15
S 16	9 43 3	27° 0'44	10♌20	10°35	21°31	11°31	27° 4	4°38	28° 8	16°16	25°18	3° 8	4°46	5°17	29°11	S 16
M17	9 47 0	28° 1'21	22°37	12° 9	22°44	11°27	27° 9	4°33	28°11	16°18	25°18	3° 2	4°43	5°24	29°16	M17
T 18	9 50 56	29° 1'57	5♍ 4	13°43	23°57	11°23	27°15	4°29	28°13	16°20	25°18	2°57	4°40	5°31	29°21	T 18
W19	9 54 53	0♓ 2'31	17°41	15°19	25°11	11°19	27°20	4°24	28°15	16°22	25°17	2°55	4°37	5°37	29°26	W19
T 20	9 58 49	1° 3'03	0♎30	16°55	26°24	11°13	27°26	4°19	28°17	16°24	25°17	2°D54	4°33	5°44	29°31	T 20
F 21	10 2 46	2° 3'34	13°31	18°32	27°37	11° 7	27°32	4°14	28°19	16°25	25°16	2°54	4°30	5°51	29°35	F 21
S 22	10 6 42	3° 4'04	26°45	20°10	28°50	11° 0	27°38	4° 9	28°21	16°27	25°16	2°55	4°27	5°58	29°40	S 22
S 23	10 10 39	4° 4'33	10♏12	21°49	0♒ 3	10°52	27°45	4° 4	28°23	16°29	25°16	2°57	4°24	6° 4	29°45	S 23
M24	10 14 35	5° 5'00	23°53	23°29	1°17	10°43	27°51	4° 0	28°25	16°30	25°15	2°58	4°21	6°11	29°50	M24
T 25	10 18 32	6° 5'26	7♐49	25°10	2°30	10°34	27°58	3°55	28°27	16°32	25°15	2°R59	4°18	6°18	29°55	T 25
W26	10 22 29	7° 5'51	22° 0	26°51	3°43	10°23	28° 4	3°50	28°29	16°34	25°15	2°58	4°14	6°24	29°59	W26
T 27	10 26 25	8° 6'15	6♑23	28°34	4°56	10°12	28°11	3°45	28°31	16°35	25°14	2°56	4°11	6°31	0♒ 4	T 27
F 28	10 30 22	9♓ 6'37	20♑55	0♓18	6♒10	10♎ 1	28♉18	3♍40	28♐33	16♑37	25♊14	2♈53	4♈ 8	6♋38	0♒ 9	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s14	25s27	4s42	22s 9	0s 4	21s56	1n27	1s25	3n 7	18n30	0s48	10n58	1n42	23s32	0s 8	21s41	0n49	15n31	7s49	1n35	2n12	28n31	14s14	6n27
S 2	16 57	21 12	4 3	22 5	0 13	21 57	1 24	1 27	3 8	18 30	0 48	11 0	1 43	23 32	0 8	21 41	0 49	15 32	7 49	1 32	2 11	28 31	14 13	6 28
M 3	16 40	15 40	3 7	22 1	0 21	21 57	1 21	1 29	3 10	18 31	0 47	11 2	1 43	23 32	0 8	21 40	0 49	15 32	7 49	1 29	2 10	28 30	14 12	6 28
T 4	16 22	9 22	2 0	21 55	0 28	21 57	1 17	1 30	3 11	18 32	0 47	11 4	1 43	23 32	0 8	21 40	0 49	15 32	7 49	1 28	2 9	28 30	14 11	6 28
W 5	16 4	2 48	0 48	21 49	0 36	21 56	1 14	1 31	3 12	18 33	0 47	11 5	1 43	23 32	0 8	21 40	0 49	15 32	7 49	1 27	2 7	28 30	14 10	6 28
T 6	15 46	3n42	0n25	21 41	0 43	21 55	1 11	1 32	3 13	18 34	0 46	11 7	1 43	23 33	0 8	21 40	0 49	15 32	7 49	1 27	2 6	28 30	14 9	6 28
F 7	15 27	9 49	1 35	21 32	0 50	21 52	1 8	1 32	3 15	18 35	0 46	11 9	1 43	23 33	0 8	21 39	0 49	15 32	7 48	1 27	2 5	28 30	14 7	6 28
S 8	15 9	15 21	2 37	21 21	0 57	21 50	1 5	1 32	3 16	18 36	0 46	11 11	1 43	23 33	0 8	21 39	0 49	15 33	7 48	1 27	2 4	28 29	14 6	6 28
S 9	14 50	20 8	3 31	21 9	1 4	21 46	1 1	1 32	3 17	18 37	0 46	11 13	1 44	23 33	0 8	21 39	0 49	15 33	7 48	1 28	2 2	28 29	14 5	6 29
M10	14 30	23 58	4 14	20 56	1 10	21 42	0 58	1 32	3 18	18 39	0 45	11 14	1 44	23 33	0 8	21 39	0 49	15 33	7 48	1 28	2 1	28 29	14 4	6 29
T 11	14 11	26 43	4 45	20 42	1 16	21 37	0 55	1 31	3 19	18 40	0 45	11 16	1 44	23 33	0 8	21 38	0 49	15 33	7 48	1 27	2 0	28 29	14 3	6 29
W12	13 51	28 16	5 4	20 27	1 22	21 32	0 52	1 31	3 20	18 41	0 45	11 18	1 44	23 33	0 8	21 38	0 49	15 33	7 47	1 25	1 59	28 29	14 1	6 29
T 13	13 31	28 30	5 9	20 10	1 27	21 26	0 48	1 29	3 21	18 42	0 45	11 20	1 44	23 33	0 9	21 38	0 49	15 33	7 47	1 23	1 57	28 28	14 0	6 29
F 14	13 11	27 26	5 2	19 52	1 32	21 19	0 45	1 28	3 23	18 44	0 44	11 22	1 44	23 33	0 9	21 38	0 49	15 34	7 47	1 20	1 56	28 28	13 59	6 30
S 15	12 51	25 5	4 41	19 33	1 37	21 12	0 42	1 26	3 24	18 45	0 44	11 24	1 44	23 33	0 9	21 37	0 49	15 34	7 47	1 18	1 55	28 28	13 58	6 30
S 16	12 30	21 36	4 7	19 12	1 42	21 4	0 38	1 24	3 25	18 47	0 44	11 25	1 44	23 33	0 9	21 37	0 49	15 34	7 47	1 15	1 54	28 27	13 56	6 30
M17	12 9	17 8	3 22	18 50	1 46	20 56	0 35	1 22	3 26	18 48	0 44	11 27	1 45	23 33	0 9	21 37	0 49	15 34	7 46	1 12	1 52	28 27	13 55	6 30
T 18	11 48	11 55	2 26	18 27	1 50	20 47	0 32	1 20	3 27	18 49	0 44	11 29	1 45	23 33	0 9	21 37	0 49	15 34	7 46	1 11	1 51	28 27	13 54	6 31
W19	11 27	6 7	1 22	18 2	1 53	20 37	0 28	1 17	3 28	18 51	0 43	11 31	1 45	23 33	0 9	21 37	0 49	15 35	7 46	1 9	1 50	28 27	13 53	6 31
T 20	11 6	0 0	0 13	17 36	1 56	20 27	0 25	1 14	3 29	18 52	0 43	11 33	1 45	23 33	0 9	21 36	0 49	15 35	7 46	1 9	1 49	28 26	13 52	6 31
F 21	10 44	6s13	0s58	17 9	1 59	20 16	0 22	1 11	3 29	18 54	0 43	11 35	1 45	23 33	0 9	21 36	0 49	15 35	7 46	1 9	1 47	28 26	13 50	6 31
S 22	10 22	12 16	2 7	16 40	2 2	20 4	0 19	1 7	3 30	18 56	0 43	11 37	1 45	23 33	0 9	21 36	0 49	15 35	7 45	1 10	1 46	28 26	13 49	6 32
S 23	10 0	17 52	3 10	16 10	2 4	19 52	0 15	1 3	3 31	18 57	0 42	11 38	1 45	23 33	0 9	21 36	0 49	15 35	7 45	1 10	1 45	28 25	13 48	6 32
M24	9 38	22 40	4 4	15 39	2 5	19 40	0 12	0 59	3 32	18 59	0 42	11 40	1 45	23 33	0 9	21 35	0 49	15 35	7 45	1 11	1 44	28 25	13 47	6 32
T 25	9 16	26 16	4 44	15 7	2 7	19 27	0 9	0 55	3 33	19 1	0 42	11 42	1 45	23 33	0 9	21 35	0 49	15 36	7 45	1 11	1 42	28 25	13 45	6 32
W26	8 54	28 18	5 8	14 33	2 8	19 13	0 6	0 50	3 33	19 2	0 42	11 44	1 45	23 33	0 9	21 35	0 49	15 36	7 45	1 11	1 41	28 24	13 44	6 33
T 27	8 31	28 29	5 13	13 58	2 8	18 58	0 3	0 45	3 34	19 4	0 41	11 46	1 45	23 34	0 9	21 35	0 49	15 36	7 44	1 10	1 40	28 24	13 43	6 33
F 28	8s 9	26s43	4s58	13s22	2s 8	18s44	0s 0	0s40	3n35	19n 6	0s41	11n48	1n45	23s34	0s 9	21s35	0n49	15n36	7s44	1n 9	1n39	28n23	13s42	6n33

Julian Day Number = 2508188.5, Delta T = 125.22 sec
Ecliptic obliquity = 23°25'18, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°54'26, Lahiri = 26°01'27

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2155
geocentric

MARCH 2155 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 34 18	10♓ 6'57	5♒31	2♓ 2	7♒23	9°R48	28♉26	3°R35	28♐35	16♑38	25°R14	2°R50	4♈ 5	6♋45	0♒13	S 1
S 2	10 38 15	11° 7'16	20° 5	3°48	8°37	9♎35	28°33	3♍31	28°36	16°40	25♊14	2♈47	4° 2	6°51	0°18	S 2
M 3	10 42 11	12° 7'34	4♓31	5°35	9°50	9°21	28°41	3°26	28°38	16°41	25°14	2°44	3°58	6°58	0°22	M 3
T 4	10 46 8	13° 7'50	18°42	7°22	11° 3	9° 6	28°48	3°21	28°39	16°43	25°14	2°43	3°55	7° 5	0°27	T 4
W 5	10 50 4	14° 8'03	2♈34	9°11	12°17	8°50	28°56	3°16	28°41	16°44	25°13	2°D42	3°52	7°12	0°31	W 5
T 6	10 54 1	15° 8'15	16° 5	11° 1	13°30	8°34	29° 4	3°12	28°43	16°46	25°13	2°42	3°49	7°18	0°35	T 6
F 7	10 57 57	16° 8'25	29°12	12°52	14°44	8°17	29°12	3° 7	28°44	16°47	25°13	2°44	3°46	7°25	0°40	F 7
S 8	11 1 54	17° 8'33	11♉58	14°44	15°57	8° 0	29°21	3° 2	28°45	16°48	25°13	2°45	3°43	7°32	0°44	S 8
S 9	11 5 51	18° 8'39	24°25	16°36	17°11	7°42	29°29	2°58	28°47	16°50	25°13	2°46	3°39	7°38	0°48	S 9
M10	11 9 47	19° 8'43	6♊36	18°30	18°24	7°23	29°38	2°53	28°48	16°51	25°D13	2°47	3°36	7°45	0°52	M10
T 11	11 13 44	20° 8'45	18°37	20°25	19°38	7° 4	29°46	2°49	28°49	16°52	25°13	2°R48	3°33	7°52	0°56	T 11
W12	11 17 40	21° 8'45	0♋31	22°21	20°51	6°44	29°55	2°44	28°50	16°54	25°13	2°47	3°30	7°59	1° 0	W12
T 13	11 21 37	22° 8'43	12°23	24°17	22° 5	6°24	0♊ 4	2°40	28°52	16°55	25°13	2°47	3°27	8° 5	1° 4	T 13
F 14	11 25 33	23° 8'38	24°18	26°14	23°18	6° 3	0°13	2°35	28°53	16°56	25°13	2°45	3°23	8°12	1° 8	F 14
S 15	11 29 30	24° 8'31	6♌21	28°12	24°32	5°42	0°22	2°31	28°54	16°57	25°13	2°44	3°20	8°19	1°12	S 15
S 16	11 33 26	25° 8'23	18°33	0♈10	25°45	5°20	0°31	2°27	28°55	16°58	25°14	2°43	3°17	8°25	1°16	S 16
M17	11 37 23	26° 8'11	0♍58	2° 9	26°59	4°58	0°41	2°22	28°56	16°59	25°14	2°42	3°14	8°32	1°20	M17
T 18	11 41 20	27° 7'58	13°38	4° 8	28°13	4°36	0°50	2°18	28°56	17° 0	25°14	2°42	3°11	8°39	1°24	T 18
W19	11 45 16	28° 7'43	26°34	6° 6	29°26	4°13	1° 0	2°14	28°57	17° 1	25°14	2°D41	3° 8	8°46	1°27	W19
T 20	11 49 13	29° 7'26	9♎45	8° 5	0♓40	3°50	1°10	2°10	28°58	17° 2	25°14	2°41	3° 4	8°52	1°31	T 20
F 21	11 53 9	0♈ 7'07	23°11	10° 2	1°53	3°27	1°20	2° 6	28°59	17° 3	25°15	2°41	3° 1	8°59	1°34	F 21
S 22	11 57 6	1° 6'46	6♏51	11°59	3° 7	3° 4	1°30	2° 2	28°59	17° 4	25°15	2°42	2°58	9° 6	1°38	S 22
S 23	12 1 2	2° 6'23	20°41	13°55	4°21	2°41	1°40	1°58	29° 0	17° 5	25°15	2°42	2°55	9°13	1°41	S 23
M24	12 4 59	3° 5'59	4♐40	15°48	5°34	2°17	1°50	1°55	29° 1	17° 6	25°15	2°R42	2°52	9°19	1°45	M24
T 25	12 8 55	4° 5'33	18°47	17°40	6°48	1°54	2° 0	1°51	29° 1	17° 7	25°16	2°42	2°49	9°26	1°48	T 25
W26	12 12 52	5° 5'05	2♑58	19°29	8° 1	1°30	2°11	1°47	29° 2	17° 8	25°16	2°D42	2°45	9°33	1°51	W26
T 27	12 16 49	6° 4'36	17°11	21°15	9°15	1° 7	2°21	1°44	29° 2	17° 9	25°16	2°42	2°42	9°39	1°54	T 27
F 28	12 20 45	7° 4'05	1♒24	22°58	10°29	0°43	2°32	1°40	29° 2	17° 9	25°17	2°42	2°39	9°46	1°58	F 28
S 29	12 24 42	8° 3'32	15°34	24°37	11°42	0°20	2°43	1°37	29° 3	17°10	25°17	2°42	2°36	9°53	2° 1	S 29
S 30	12 28 38	9° 2'57	29°39	26°12	12°56	29♍57	2°53	1°33	29° 3	17°11	25°18	2°43	2°33	10° 0	2° 4	S 30
M31	12 32 35	10♈ 2'20	13♓36	27♈42	14♓10	29♍34	3♊ 4	1♍30	29♐ 3	17♑11	25♊18	2♈43	2♈29	10♋ 6	2♒ 7	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s46	23s 9	4s24	12s44	2s 8	18s28	0s 4	0s35	3n35	19n 8	0s41	11n49	1n46	23s34	0s 9	21s34	0n49	15n36	7s44	1n 7	1n37	28n23	13s40	6n34
S 2	7 23	18 9	3 33	12 5	2 7	18 12	0 7	0 29	3 36	19 10	0 41	11 51	1 46	23 34	0 9	21 34	0 49	15 37	7 44	1 6	1 36	28 23	13 39	6 34
M 3	7 0	12 9	2 29	11 24	2 6	17 56	0 10	0 23	3 36	19 11	0 41	11 53	1 46	23 34	0 9	21 34	0 49	15 37	7 44	1 5	1 35	28 22	13 38	6 34
T 4	6 37	5 38	1 16	10 43	2 4	17 39	0 13	0 17	3 36	19 13	0 40	11 55	1 46	23 34	0 9	21 34	0 49	15 37	7 43	1 5	1 33	28 22	13 37	6 35
W 5	6 14	1n 1	0 1	10 0	2 2	17 21	0 16	0 11	3 37	19 15	0 40	11 56	1 46	23 34	0 9	21 34	0 49	15 37	7 43	1 4	1 32	28 21	13 35	6 35
T 6	5 51	7 27	1n13	9 16	1 59	17 3	0 19	0 4	3 37	19 17	0 40	11 58	1 46	23 34	0 9	21 33	0 49	15 38	7 43	1 5	1 31	28 21	13 34	6 35
F 7	5 28	13 23	2 21	8 31	1 56	16 45	0 21	0n 2	3 37	19 19	0 40	12 0	1 46	23 34	0 9	21 33	0 49	15 38	7 43	1 5	1 30	28 20	13 33	6 36
S 8	5 4	18 35	3 20	7 44	1 52	16 26	0 24	0 9	3 37	19 21	0 39	12 2	1 46	23 34	0 9	21 33	0 49	15 38	7 42	1 6	1 28	28 20	13 32	6 36
S 9	4 41	22 52	4 8	6 56	1 48	16 6	0 27	0 17	3 37	19 23	0 39	12 3	1 46	23 34	0 9	21 33	0 49	15 38	7 42	1 6	1 27	28 20	13 30	6 36
M10	4 18	26 3	4 44	6 8	1 43	15 46	0 30	0 24	3 37	19 25	0 39	12 5	1 46	23 34	0 9	21 33	0 49	15 38	7 42	1 6	1 26	28 19	13 29	6 37
T 11	3 54	28 1	5 7	5 18	1 38	15 26	0 33	0 31	3 37	19 27	0 39	12 7	1 46	23 34	0 9	21 33	0 49	15 39	7 42	1 7	1 25	28 19	13 28	6 37
W12	3 30	28 41	5 16	4 27	1 32	15 5	0 35	0 39	3 37	19 29	0 39	12 8	1 46	23 34	0 9	21 32	0 49	15 39	7 42	1 6	1 23	28 18	13 27	6 38
T 13	3 7	28 1	5 12	3 35	1 25	14 44	0 38	0 47	3 37	19 31	0 38	12 10	1 46	23 34	0 9	21 32	0 49	15 39	7 41	1 6	1 22	28 18	13 26	6 38
F 14	2 43	26 4	4 54	2 42	1 18	14 23	0 41	0 55	3 36	19 34	0 38	12 12	1 46	23 34	0 9	21 32	0 49	15 39	7 41	1 6	1 21	28 17	13 24	6 38
S 15	2 19	22 56	4 24	1 48	1 11	14 1	0 43	1 2	3 36	19 36	0 38	12 13	1 46	23 34	0 9	21 32	0 49	15 40	7 41	1 5	1 20	28 17	13 23	6 39
S 16	1 56	18 45	3 41	0 54	1 3	13 38	0 46	1 11	3 35	19 38	0 38	12 15	1 46	23 34	0 9	21 32	0 49	15 40	7 41	1 5	1 18	28 16	13 22	6 39
M17	1 32	13 43	2 47	0n 2	0 54	13 16	0 48	1 19	3 35	19 40	0 38	12 16	1 46	23 34	0 9	21 32	0 49	15 40	7 40	1 4	1 17	28 16	13 21	6 40
T 18	1 8	8 1	1 44	0 57	0 45	12 53	0 50	1 27	3 34	19 42	0 37	12 18	1 46	23 34	0 9	21 31	0 49	15 40	7 40	1 4	1 16	28 15	13 19	6 40
W19	0 45	1 53	0 34	1 53	0 35	12 29	0 53	1 35	3 33	19 44	0 37	12 19	1 46	23 34	0 9	21 31	0 49	15 40	7 40	1 4	1 15	28 14	13 18	6 40
T 20	0 21	4s28	0s39	2 49	0 25	12 5	0 55	1 43	3 32	19 46	0 37	12 21	1 46	23 34	0 9	21 31	0 49	15 41	7 40	1 4	1 13	28 14	13 17	6 41
F 21	0n 3	10 44	1 51	3 45	0 14	11 41	0 57	1 51	3 31	19 49	0 37	12 22	1 46	23 34	0 9	21 31	0 49	15 41	7 40	1 4	1 12	28 13	13 16	6 41
S 22	0 27	16 36	2 58	4 41	0 3	11 17	0 59	2 0	3 30	19 51	0 37	12 23	1 46	23 34	0 9	21 31	0 49	15 41	7 39	1 4	1 11	28 13	13 15	6 42
S 23	0 50	21 42	3 56	5 37	0n 8	10 52	1 1	2 8	3 29	19 53	0 36	12 25	1 46	23 34	0 9	21 31	0 49	15 41	7 39	1 4	1 9	28 12	13 14	6 42
M24	1 14	25 38	4 40	6 32	0 20	10 27	1 3	2 16	3 28	19 55	0 36	12 26	1 46	23 34	0 9	21 31	0 49	15 42	7 39	1 4	1 8	28 12	13 12	6 43
T 25	1 38	28 3	5 8	7 25	0 32	10 1	1 5	2 24	3 26	19 57	0 36	12 27	1 46	23 34	0 9	21 31	0 49	15 42	7 39	1 4	1 7	28 11	13 11	6 43
W26	2 1	28 40	5 17	8 18	0 44	9 36	1 7	2 32	3 25	20 0	0 36	12 29	1 46	23 34	0 9	21 30	0 50	15 42	7 39	1 4	1 6	28 10	13 10	6 44
T 27	2 25	27 23	5 7	9 10	0 57	9 10	1 9	2 40	3 23	20 2	0 36	12 30	1 46	23 34	0 9	21 30	0 50	15 42	7 38	1 4	1 4	28 10	13 9	6 44
F 28	2 48	24 21	4 38	9 59	1 9	8 44	1 11	2 48	3 22	20 4	0 36	12 31	1 46	23 34	0 9	21 30	0 50	15 42	7 38	1 4	1 3	28 9	13 8	6 45
S 29	3 12	19 51	3 53	10 47	1 21	8 17	1 13	2 55	3 20	20 6	0 35	12 32	1 46	23 34	0 9	21 30	0 50	15 43	7 38	1 5	1 2	28 9	13 7	6 45
S 30	3 35	14 17	2 53	11 33	1 33	7 51	1 14	3 3	3 18	20 9	0 35	12 34	1 46	23 34	0 9	21 30	0 50	15 43	7 38	1 5	1 1	28 8	13 6	6 45
M31	3n58	8s 3	1s44	12n17	1n45	7s24	1s16	3n10	3n16	20n11	0s35	12n35	1n46	23s34	0s 9	21s30	0n50	15n43	7s37	1n 5	0n59	28n 7	13s 5	6n46

Julian Day Number = 2508216.5, Delta T = 125.27 sec
Ecliptic obliquity = 23°25'18, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°54'30, Lahiri = 26°01'31

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2155
geocentric

APRIL 2155 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 36 31	11♈ 1'41	27♓21	29♈ 7	15♓23	29°R12	3♊15	1°R27	29♐ 3	17♑12	25♊19	2°R44	2♈26	10♋13	2♒ 9	T 1
W 2	12 40 28	12° 1'01	10♈52	0♉27	16°37	28♍50	3°27	1♍24	29° 3	17°13	25°19	2♈44	2°23	10°20	2°12	W 2
T 3	12 44 24	13° 0'18	24° 7	1°41	17°51	28°28	3°38	1°21	29°R 3	17°13	25°20	2°43	2°20	10°26	2°15	T 3
F 4	12 48 21	13°59'34	7♉ 5	2°49	19° 4	28° 6	3°49	1°18	29° 3	17°14	25°20	2°42	2°17	10°33	2°18	F 4
S 5	12 52 18	14°58'47	19°47	3°51	20°18	27°46	4° 0	1°15	29° 3	17°14	25°21	2°40	2°14	10°40	2°20	S 5
S 6	12 56 14	15°57'58	2♊13	4°47	21°32	27°25	4°12	1°12	29° 3	17°15	25°21	2°39	2°10	10°47	2°23	S 6
M 7	13 0 11	16°57'07	14°25	5°36	22°45	27° 5	4°23	1°10	29° 3	17°15	25°22	2°37	2° 7	10°53	2°25	M 7
T 8	13 4 7	17°56'14	26°27	6°18	23°59	26°46	4°35	1° 7	29° 3	17°15	25°23	2°35	2° 4	11° 0	2°28	T 8
W 9	13 8 4	18°55'18	8♋22	6°53	25°13	26°27	4°47	1° 5	29° 2	17°16	25°23	2°34	2° 1	11° 7	2°30	W 9
T 10	13 12 0	19°54'20	20°14	7°22	26°26	26° 8	4°59	1° 2	29° 2	17°16	25°24	2°D34	1°58	11°14	2°32	T 10
F 11	13 15 57	20°53'20	2♌ 9	7°44	27°40	25°51	5°10	1° 0	29° 2	17°16	25°25	2°34	1°55	11°20	2°34	F 11
S 12	13 19 53	21°52'17	14°11	7°59	28°54	25°34	5°22	0°58	29° 1	17°17	25°25	2°35	1°51	11°27	2°37	S 12
S 13	13 23 50	22°51'13	26°25	8° 7	0♈ 7	25°18	5°34	0°56	29° 1	17°17	25°26	2°37	1°48	11°34	2°39	S 13
M14	13 27 47	23°50'05	8♍55	8°R 8	1°21	25° 2	5°46	0°54	29° 0	17°17	25°27	2°38	1°45	11°40	2°41	M14
T 15	13 31 43	24°48'56	21°43	8° 3	2°35	24°47	5°59	0°52	29° 0	17°17	25°28	2°39	1°42	11°47	2°42	T 15
W16	13 35 40	25°47'45	4♎52	7°52	3°48	24°33	6°11	0°50	28°59	17°17	25°28	2°R40	1°39	11°54	2°44	W16
T 17	13 39 36	26°46'31	18°22	7°36	5° 2	24°19	6°23	0°48	28°58	17°17	25°29	2°39	1°35	12° 1	2°46	T 17
F 18	13 43 33	27°45'16	2♏13	7°14	6°15	24° 7	6°35	0°47	28°58	17°17	25°30	2°37	1°32	12° 7	2°48	F 18
S 19	13 47 29	28°43'58	16°20	6°47	7°29	23°55	6°48	0°45	28°57	17°R17	25°31	2°34	1°29	12°14	2°49	S 19
S 20	13 51 26	29°42'39	0♐39	6°16	8°43	23°43	7° 0	0°44	28°56	17°17	25°32	2°30	1°26	12°21	2°51	S 20
M21	13 55 22	0♑41'18	15° 5	5°41	9°56	23°33	7°13	0°43	28°55	17°17	25°32	2°26	1°23	12°27	2°52	M21
T 22	13 59 19	1°39'55	29°33	5° 3	11°10	23°23	7°26	0°41	28°54	17°17	25°33	2°22	1°20	12°34	2°54	T 22
W23	14 3 16	2°38'31	13♑57	4°23	12°24	23°14	7°38	0°40	28°53	17°17	25°34	2°20	1°16	12°41	2°55	W23
T 24	14 7 12	3°37'05	28°14	3°42	13°37	23° 6	7°51	0°39	28°52	17°17	25°35	2°D19	1°13	12°48	2°56	T 24
F 25	14 11 9	4°35'38	12♒20	3° 0	14°51	22°59	8° 4	0°39	28°51	17°17	25°36	2°19	1°10	12°54	2°57	F 25
S 26	14 15 5	5°34'09	26°15	2°18	16° 5	22°53	8°16	0°38	28°50	17°17	25°37	2°20	1° 7	13° 1	2°58	S 26
S 27	14 19 2	6°32'38	9♓58	1°37	17°18	22°47	8°29	0°37	28°49	17°17	25°38	2°21	1° 4	13° 8	2°59	S 27
M28	14 22 58	7°31'05	23°29	0°58	18°32	22°42	8°42	0°37	28°48	17°16	25°39	2°23	1° 1	13°15	3° 0	M28
T 29	14 26 55	8°29'31	6♈47	0°21	19°46	22°38	8°55	0°36	28°47	17°16	25°40	2°R23	0°57	13°21	3° 1	T 29
W30	14 30 51	9♉27'55	19♈54	29♈47	20♈59	22♍34	9♊ 8	0♍36	28♐45	17♑16	25♊41	2♈21	0♈54	13♋28	3♒ 2	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n22	1s31	0s30	12n58	1n56	6s57	1s17	3n18	3n15	20n13	0s35	12n36	1n46	23s34	0s 9	21s30	0n50	15n43	7s37	1n 5	0n58	28n 7	13s 3	6n46
W 2	4 45	4n59	0n45	13 36	2 7	6 29	1 19	3 25	3 13	20 16	0 35	12 37	1 45	23 34	0 9	21 30	0 50	15 44	7 37	1 5	0 57	28 6	13 2	6 47
T 3	5 8	11 8	1 56	14 11	2 17	6 2	1 20	3 31	3 11	20 18	0 35	12 38	1 45	23 34	0 9	21 30	0 50	15 44	7 37	1 5	0 56	28 5	13 1	6 47
F 4	5 31	16 41	2 59	14 44	2 27	5 34	1 22	3 38	3 8	20 20	0 34	12 39	1 45	23 34	0 9	21 29	0 50	15 44	7 37	1 4	0 54	28 5	13 0	6 48
S 5	5 54	21 23	3 52	15 14	2 35	5 7	1 23	3 44	3 6	20 22	0 34	12 40	1 45	23 34	0 9	21 29	0 50	15 44	7 36	1 4	0 53	28 4	12 59	6 48
S 6	6 17	25 2	4 32	15 40	2 43	4 39	1 24	3 51	3 4	20 25	0 34	12 41	1 45	23 34	0 9	21 29	0 50	15 44	7 36	1 3	0 52	28 3	12 58	6 49
M 7	6 39	27 29	5 0	16 3	2 50	4 11	1 25	3 56	3 2	20 27	0 34	12 42	1 45	23 35	0 9	21 29	0 50	15 45	7 36	1 2	0 51	28 3	12 57	6 49
T 8	7 2	28 36	5 14	16 23	2 56	3 42	1 26	4 2	3 0	20 29	0 34	12 42	1 45	23 35	0 9	21 29	0 50	15 45	7 36	1 2	0 49	28 2	12 56	6 50
W 9	7 24	28 23	5 14	16 39	3 1	3 14	1 27	4 7	2 57	20 32	0 34	12 43	1 45	23 35	0 9	21 29	0 50	15 45	7 36	1 1	0 48	28 1	12 55	6 50
T 10	7 47	26 51	5 1	16 52	3 5	2 46	1 28	4 12	2 55	20 34	0 33	12 44	1 45	23 35	0 9	21 29	0 50	15 45	7 35	1 1	0 47	28 0	12 54	6 51
F 11	8 9	24 7	4 35	17 2	3 7	2 17	1 29	4 17	2 52	20 36	0 33	12 45	1 45	23 35	0 9	21 29	0 50	15 46	7 35	1 1	0 46	28 0	12 53	6 51
S 12	8 31	20 19	3 56	17 7	3 8	1 49	1 30	4 22	2 50	20 38	0 33	12 45	1 45	23 35	0 9	21 29	0 50	15 46	7 35	1 2	0 44	27 59	12 52	6 52
S 13	8 53	15 37	3 6	17 10	3 8	1 20	1 30	4 26	2 47	20 41	0 33	12 46	1 45	23 35	0 10	21 29	0 50	15 46	7 35	1 2	0 43	27 58	12 51	6 53
M14	9 15	10 11	2 7	17 9	3 6	0 51	1 31	4 30	2 45	20 43	0 33	12 47	1 45	23 35	0 10	21 29	0 50	15 46	7 35	1 3	0 42	27 57	12 50	6 53
T 15	9 36	4 12	1 0	17 4	3 3	0 23	1 32	4 33	2 42	20 45	0 33	12 47	1 45	23 35	0 10	21 29	0 50	15 46	7 34	1 3	0 40	27 57	12 49	6 54
W16	9 58	2s 7	0s12	16 56	2 58	0n 6	1 32	4 37	2 40	20 47	0 32	12 48	1 44	23 35	0 10	21 29	0 50	15 47	7 34	1 3	0 39	27 56	12 48	6 54
T 17	10 19	8 31	1 25	16 45	2 52	0 35	1 33	4 39	2 37	20 50	0 32	12 48	1 44	23 35	0 10	21 29	0 50	15 47	7 34	1 3	0 38	27 55	12 48	6 55
F 18	10 40	14 39	2 35	16 30	2 45	1 4	1 33	4 42	2 34	20 52	0 32	12 49	1 44	23 35	0 10	21 29	0 50	15 47	7 34	1 2	0 37	27 54	12 47	6 55
S 19	11 1	20 10	3 37	16 13	2 36	1 33	1 33	4 44	2 32	20 54	0 32	12 49	1 44	23 35	0 10	21 29	0 50	15 47	7 34	1 1	0 35	27 54	12 46	6 56
S 20	11 22	24 36	4 26	15 53	2 25	2 1	1 33	4 46	2 29	20 56	0 32	12 50	1 44	23 35	0 10	21 29	0 50	15 48	7 33	1 0	0 34	27 53	12 45	6 56
M21	11 42	27 32	4 58	15 30	2 13	2 30	1 33	4 48	2 27	20 59	0 32	12 50	1 44	23 35	0 10	21 29	0 50	15 48	7 33	0 58	0 33	27 52	12 44	6 57
T 22	12 3	28 37	5 12	15 5	2 0	2 59	1 33	4 50	2 24	21 1	0 32	12 50	1 44	23 35	0 10	21 29	0 50	15 48	7 33	0 57	0 32	27 51	12 43	6 57
W23	12 23	27 46	5 6	14 38	1 46	3 28	1 33	4 51	2 21	21 3	0 31	12 51	1 44	23 35	0 10	21 29	0 50	15 48	7 33	0 56	0 30	27 50	12 42	6 58
T 24	12 43	25 5	4 41	14 10	1 31	3 56	1 33	4 51	2 19	21 5	0 31	12 51	1 44	23 35	0 10	21 29	0 50	15 48	7 33	0 55	0 29	27 49	12 42	6 58
F 25	13 3	20 55	4 0	13 41	1 15	4 25	1 33	4 52	2 16	21 7	0 31	12 51	1 44	23 35	0 10	21 29	0 50	15 49	7 33	0 55	0 28	27 49	12 41	6 59
S 26	13 22	15 39	3 4	13 11	0 59	4 53	1 33	4 52	2 13	21 10	0 31	12 51	1 44	23 35	0 10	21 29	0 50	15 49	7 32	0 56	0 27	27 48	12 40	7 0
S 27	13 41	9 40	1 59	12 41	0 42	5 22	1 33	4 52	2 11	21 12	0 31	12 51	1 43	23 35	0 10	21 29	0 50	15 49	7 32	0 56	0 25	27 47	12 39	7 0
M28	14 1	3 20	0 48	12 12	0 25	5 50	1 32	4 51	2 8	21 14	0 31	12 52	1 43	23 35	0 10	21 29	0 50	15 49	7 32	0 57	0 24	27 46	12 39	7 1
T 29	14 19	3n 4	0n24	11 43	0 8	6 18	1 32	4 51	2 6	21 16	0 31	12 52	1 43	23 35	0 10	21 29	0 50	15 49	7 32	0 57	0 23	27 45	12 38	7 1
W30	14n38	9n14	1n34	11n15	0s 9	6n46	1s31	4n50	2n 3	21n18	0s31	12n52	1n43	23s35	0s10	21s29	0n50	15n50	7s32	0n56	0n22	27n44	12s37	7n 2

Julian Day Number = 2508247.5, Delta T = 125.33 sec
Ecliptic obliquity = 23°25'18, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°54'35, Lahiri = 26°01'35

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2155
geocentric

MAY 2155 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 34 48	10♉26'18	2♉49	29°R16	22♈13	22°R32	9♊21	0°R36	28°R44	17°R15	25♊42	2°R18	0♈51	13♋35	3♒ 3	T 1
F 2	14 38 45	11°24'39	15°31	28♈49	23°26	22♍30	9°35	0♍36	28♐43	17♑15	25°43	2♈13	0°48	13°41	3° 3	F 2
S 3	14 42 41	12°22'58	28° 1	28°26	24°40	22°29	9°48	0°D36	28°41	17°14	25°44	2° 7	0°45	13°48	3° 4	S 3
S 4	14 46 38	13°21'15	10♊20	28° 8	25°54	22°D29	10° 1	0°36	28°40	17°14	25°45	1°59	0°41	13°55	3° 4	S 4
M 5	14 50 34	14°19'30	22°28	27°54	27° 7	22°29	10°14	0°36	28°38	17°13	25°46	1°51	0°38	14° 2	3° 5	M 5
T 6	14 54 31	15°17'44	4♋28	27°44	28°21	22°30	10°27	0°36	28°37	17°13	25°48	1°44	0°35	14° 8	3° 5	T 6
W 7	14 58 27	16°15'55	16°21	27°D40	29°34	22°32	10°41	0°37	28°35	17°12	25°49	1°39	0°32	14°15	3° 5	W 7
T 8	15 2 24	17°14'05	28°13	27°40	0♌48	22°35	10°54	0°37	28°34	17°12	25°50	1°35	0°29	14°22	3° 5	T 8
F 9	15 6 20	18°12'12	10♌ 6	27°45	2° 2	22°38	11° 8	0°38	28°32	17°11	25°51	1°33	0°26	14°28	3° 5	F 9
S 10	15 10 17	19°10'18	22° 7	27°55	3°15	22°42	11°21	0°39	28°30	17°11	25°52	1°D32	0°22	14°35	3°R 5	S 10
S 11	15 14 14	20° 8'22	4♍18	28° 9	4°29	22°47	11°35	0°39	28°29	17°10	25°53	1°33	0°19	14°42	3° 5	S 11
M12	15 18 10	21° 6'24	16°47	28°28	5°42	22°53	11°48	0°40	28°27	17° 9	25°54	1°34	0°16	14°49	3° 5	M12
T 13	15 22 7	22° 4'23	29°36	28°51	6°56	22°59	12° 2	0°41	28°25	17° 8	25°56	1°R35	0°13	14°55	3° 5	T 13
W14	15 26 3	23° 2'21	12♎51	29°18	8°10	23° 6	12°15	0°43	28°23	17° 8	25°57	1°35	0°10	15° 2	3° 5	W14
T 15	15 30 0	24° 0'18	26°31	29°50	9°23	23°13	12°29	0°44	28°21	17° 7	25°58	1°32	0° 6	15° 9	3° 4	T 15
F 16	15 33 56	24°58'13	10♏37	0♉26	10°37	23°21	12°42	0°45	28°20	17° 6	25°59	1°27	0° 3	15°15	3° 4	F 16
S 17	15 37 53	25°56'06	25° 6	1° 5	11°50	23°30	12°56	0°47	28°18	17° 5	26° 1	1°21	0° 0	15°22	3° 3	S 17
S 18	15 41 49	26°53'57	9♐51	1°48	13° 4	23°40	13°10	0°48	28°16	17° 4	26° 2	1°13	29♓57	15°29	3° 3	S 18
M19	15 45 46	27°51'48	24°44	2°35	14°17	23°50	13°23	0°50	28°14	17° 3	26° 3	1° 4	29°54	15°36	3° 2	M19
T 20	15 49 43	28°49'37	9♑37	3°26	15°31	24° 0	13°37	0°52	28°12	17° 3	26° 4	0°56	29°51	15°42	3° 1	T 20
W21	15 53 39	29°47'25	24°21	4°19	16°45	24°11	13°51	0°54	28°10	17° 2	26° 6	0°50	29°47	15°49	3° 0	W21
T 22	15 57 36	0♊45'11	8♒51	5°16	17°58	24°23	14° 5	0°56	28° 8	17° 1	26° 7	0°46	29°44	15°56	3° 0	T 22
F 23	16 1 32	1°42'57	23° 3	6°17	19°12	24°35	14°18	0°58	28° 5	17° 0	26° 8	0°44	29°41	16° 3	2°59	F 23
S 24	16 5 29	2°40'41	6♓54	7°20	20°25	24°48	14°32	1° 0	28° 3	16°59	26°10	0°D43	29°38	16° 9	2°58	S 24
S 25	16 9 25	3°38'25	20°27	8°26	21°39	25° 1	14°46	1° 2	28° 1	16°58	26°11	0°44	29°35	16°16	2°56	S 25
M26	16 13 22	4°36'07	3♈42	9°35	22°52	25°15	15° 0	1° 5	27°59	16°57	26°12	0°R44	29°32	16°23	2°55	M26
T 27	16 17 18	5°33'48	16°42	10°47	24° 6	25°30	15°14	1° 7	27°57	16°55	26°14	0°43	29°28	16°29	2°54	T 27
W28	16 21 15	6°31'28	29°29	12° 2	25°20	25°45	15°28	1°10	27°55	16°54	26°15	0°40	29°25	16°36	2°53	W28
T 29	16 25 12	7°29'08	12♉ 5	13°19	26°33	26° 0	15°41	1°12	27°52	16°53	26°16	0°34	29°22	16°43	2°51	T 29
F 30	16 29 8	8°26'46	24°30	14°39	27°47	26°16	15°55	1°15	27°50	16°52	26°18	0°25	29°19	16°50	2°50	F 30
S 31	16 33 5	9♊24'23	6♊47	16♉ 2	29♉ 0	26♍33	16♊ 9	1♍18	27♐48	16♑51	26♊19	0♈14	29♓16	16♋56	2♒48	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14n56	14n54	2n38	10n48	0s26	7n14	1s31	4n48	2n 0	21n20	0s30	12n52	1n43	23s35	0s10	21s29	0n50	15n50	7s32	0n55	0n20	27n43	12s36	7n 2
F 2	15 15	19 52	3 32	10 23	0 42	7 42	1 30	4 47	1 58	21 22	0 30	12 52	1 43	23 35	0 10	21 29	0 50	15 50	7 31	0 53	0 19	27 42	12 36	7 3
S 3	15 33	23 52	4 16	10 0	0 58	8 10	1 30	4 45	1 55	21 24	0 30	12 51	1 43	23 35	0 10	21 29	0 50	15 50	7 31	0 50	0 18	27 42	12 35	7 3
S 4	15 50	26 43	4 47	9 39	1 14	8 37	1 29	4 43	1 53	21 26	0 30	12 51	1 43	23 35	0 10	21 29	0 50	15 50	7 31	0 47	0 16	27 41	12 34	7 4
M 5	16 8	28 16	5 4	9 21	1 28	9 4	1 28	4 40	1 50	21 29	0 30	12 51	1 43	23 35	0 10	21 29	0 50	15 51	7 31	0 44	0 15	27 40	12 34	7 4
T 6	16 25	28 29	5 8	9 5	1 42	9 31	1 27	4 37	1 48	21 31	0 30	12 51	1 42	23 35	0 10	21 29	0 50	15 51	7 31	0 42	0 14	27 39	12 33	7 5
W 7	16 41	27 21	4 58	8 51	1 55	9 58	1 26	4 34	1 45	21 33	0 30	12 51	1 42	23 35	0 10	21 29	0 50	15 51	7 31	0 39	0 13	27 38	12 33	7 6
T 8	16 58	25 0	4 36	8 39	2 7	10 25	1 25	4 31	1 43	21 35	0 29	12 50	1 42	23 35	0 10	21 29	0 50	15 51	7 30	0 38	0 11	27 37	12 32	7 6
F 9	17 14	21 34	4 2	8 31	2 18	10 51	1 24	4 27	1 40	21 37	0 29	12 50	1 42	23 35	0 10	21 29	0 50	15 51	7 30	0 37	0 10	27 36	12 32	7 7
S 10	17 30	17 13	3 16	8 25	2 29	11 17	1 23	4 23	1 38	21 39	0 29	12 50	1 42	23 35	0 10	21 29	0 50	15 51	7 30	0 37	0 9	27 35	12 31	7 7
S 11	17 46	12 7	2 22	8 21	2 38	11 43	1 22	4 19	1 36	21 40	0 29	12 49	1 42	23 35	0 10	21 29	0 50	15 52	7 30	0 37	0 8	27 34	12 30	7 8
M12	18 1	6 26	1 19	8 19	2 46	12 9	1 21	4 15	1 33	21 42	0 29	12 49	1 42	23 35	0 10	21 29	0 50	15 52	7 30	0 38	0 6	27 33	12 30	7 8
T 13	18 16	0 19	0 11	8 21	2 54	12 34	1 19	4 10	1 31	21 44	0 29	12 48	1 42	23 35	0 10	21 29	0 50	15 52	7 30	0 38	0 5	27 32	12 30	7 9
W14	18 31	6s 0	1s 0	8 24	3 1	12 59	1 18	4 6	1 28	21 46	0 29	12 48	1 42	23 35	0 10	21 30	0 50	15 52	7 30	0 38	0 4	27 31	12 29	7 9
T 15	18 46	12 14	2 10	8 30	3 7	13 24	1 17	4 1	1 26	21 48	0 29	12 47	1 41	23 35	0 10	21 30	0 50	15 52	7 29	0 37	0 3	27 30	12 29	7 10
F 16	19 0	18 3	3 13	8 37	3 11	13 48	1 15	3 55	1 24	21 50	0 29	12 47	1 41	23 35	0 10	21 30	0 50	15 53	7 29	0 35	0 1	27 29	12 28	7 10
S 17	19 14	23 1	4 6	8 47	3 16	14 12	1 14	3 50	1 22	21 52	0 28	12 46	1 41	23 35	0 10	21 30	0 50	15 53	7 29	0 32	0 0	27 28	12 28	7 11
S 18	19 27	26 35	4 44	8 59	3 19	14 36	1 12	3 44	1 19	21 54	0 28	12 45	1 41	23 35	0 10	21 30	0 50	15 53	7 29	0 29	0s 1	27 27	12 27	7 11
M19	19 40	28 22	5 3	9 13	3 21	14 59	1 11	3 38	1 17	21 55	0 28	12 45	1 41	23 35	0 10	21 30	0 50	15 53	7 29	0 25	0 2	27 26	12 27	7 12
T 20	19 53	28 5	5 1	9 28	3 23	15 22	1 9	3 32	1 15	21 57	0 28	12 44	1 41	23 35	0 10	21 30	0 50	15 53	7 29	0 22	0 4	27 25	12 27	7 13
W21	20 5	25 49	4 40	9 45	3 24	15 45	1 7	3 25	1 13	21 59	0 28	12 43	1 41	23 35	0 10	21 30	0 50	15 53	7 29	0 20	0 5	27 24	12 26	7 13
T 22	20 18	21 54	4 0	10 4	3 24	16 7	1 6	3 19	1 11	22 1	0 28	12 42	1 41	23 35	0 10	21 30	0 50	15 53	7 29	0 18	0 6	27 23	12 26	7 14
F 23	20 29	16 46	3 7	10 24	3 23	16 29	1 4	3 12	1 9	22 2	0 28	12 41	1 41	23 35	0 10	21 30	0 50	15 54	7 28	0 17	0 8	27 22	12 26	7 14
S 24	20 41	10 53	2 4	10 46	3 22	16 51	1 2	3 5	1 7	22 4	0 28	12 41	1 40	23 35	0 10	21 31	0 50	15 54	7 28	0 17	0 9	27 21	12 26	7 15
S 25	20 52	4 37	0 55	11 9	3 20	17 12	1 0	2 58	1 5	22 6	0 28	12 40	1 40	23 35	0 10	21 31	0 50	15 54	7 28	0 18	0 10	27 19	12 25	7 15
M26	21 3	1n43	0n16	11 33	3 17	17 32	0 58	2 51	1 3	22 7	0 27	12 39	1 40	23 35	0 10	21 31	0 51	15 54	7 28	0 18	0 11	27 18	12 25	7 16
T 27	21 13	7 51	1 24	11 59	3 14	17 52	0 56	2 43	1 1	22 9	0 27	12 38	1 40	23 35	0 10	21 31	0 51	15 54	7 28	0 17	0 13	27 17	12 25	7 16
W28	21 23	13 34	2 27	12 25	3 10	18 12	0 54	2 35	0 59	22 11	0 27	12 37	1 40	23 35	0 10	21 31	0 51	15 54	7 28	0 16	0 14	27 16	12 25	7 17
T 29	21 33	18 38	3 21	12 53	3 5	18 31	0 52	2 27	0 57	22 12	0 27	12 36	1 40	23 34	0 10	21 31	0 51	15 54	7 28	0 13	0 15	27 15	12 24	7 17
F 30	21 42	22 50	4 5	13 21	3 0	18 50	0 50	2 19	0 55	22 14	0 27	12 35	1 40	23 34	0 10	21 31	0 51	15 55	7 28	0 10	0 16	27 14	12 24	7 18
S 31	21n51	25n58	4n37	13n51	2s54	19n 8	0s48	2n11	0n53	22n15	0s27	12n33	1n40	23s34	0s10	21s31	0n51	15n55	7s28	0n 6	0s18	27n13	12s24	7n18

Julian Day Number = 2508277.5, Delta T = 125.39 sec
Ecliptic obliquity = 23°25'18, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°54'39, Lahiri = 26°01'39

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2155
geocentric

JUNE 2155 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 37 1	10♊21'59	18♊56	17♉27	0♊14	26♍50	16♊23	1♍21	27°R46	16°R50	26♊20	0°R 2	29♓12	17♋ 3	2°R47	S 1
M 2	16 40 58	11°19'34	0♋57	18°55	1°27	27° 7	16°37	1°24	27♐43	16♑48	26°22	29♓49	29° 9	17°10	2♒45	M 2
T 3	16 44 54	12°17'07	12°52	20°26	2°41	27°25	16°51	1°27	27°41	16°47	26°23	29°37	29° 6	17°16	2°43	T 3
W 4	16 48 51	13°14'40	24°44	21°59	3°55	27°43	17° 5	1°30	27°39	16°46	26°24	29°26	29° 3	17°23	2°42	W 4
T 5	16 52 47	14°12'11	6♌34	23°34	5° 8	28° 2	17°19	1°34	27°36	16°45	26°26	29°18	29° 0	17°30	2°40	T 5
F 6	16 56 44	15° 9'41	18°26	25°12	6°22	28°21	17°33	1°37	27°34	16°43	26°27	29°13	28°57	17°37	2°38	F 6
S 7	17 0 41	16° 7'09	0♍25	26°53	7°35	28°41	17°47	1°41	27°31	16°42	26°29	29°10	28°53	17°43	2°36	S 7
S 8	17 4 37	17° 4'37	12°34	28°36	8°49	29° 1	18° 1	1°44	27°29	16°41	26°30	29°D 9	28°50	17°50	2°34	S 8
M 9	17 8 34	18° 2'03	24°59	0♊21	10° 3	29°21	18°15	1°48	27°27	16°39	26°31	29°R 9	28°47	17°57	2°32	M 9
T 10	17 12 30	18°59'28	7♎46	2° 9	11°16	29°42	18°29	1°52	27°24	16°38	26°33	29° 9	28°44	18° 3	2°29	T 10
W11	17 16 27	19°56'52	20°58	4° 0	12°30	0♎ 3	18°42	1°56	27°22	16°37	26°34	29° 8	28°41	18°10	2°27	W11
T 12	17 20 23	20°54'15	4♏39	5°53	13°43	0°25	18°56	2° 0	27°19	16°35	26°36	29° 4	28°38	18°17	2°25	T 12
F 13	17 24 20	21°51'37	18°49	7°48	14°57	0°47	19°10	2° 4	27°17	16°34	26°37	28°58	28°34	18°24	2°23	F 13
S 14	17 28 16	22°48'57	3♐26	9°45	16°11	1° 9	19°24	2° 8	27°15	16°32	26°38	28°50	28°31	18°30	2°20	S 14
S 15	17 32 13	23°46'18	18°25	11°45	17°24	1°32	19°38	2°12	27°12	16°31	26°40	28°39	28°28	18°37	2°18	S 15
M16	17 36 10	24°43'37	3♑36	13°46	18°38	1°55	19°52	2°16	27°10	16°29	26°41	28°29	28°25	18°44	2°15	M16
T 17	17 40 6	25°40'56	18°49	15°50	19°51	2°18	20° 6	2°21	27° 7	16°28	26°43	28°18	28°22	18°50	2°13	T 17
W18	17 44 3	26°38'14	3♒53	17°56	21° 5	2°42	20°20	2°25	27° 5	16°26	26°44	28°10	28°19	18°57	2°10	W18
T 19	17 47 59	27°35'32	18°39	20° 3	22°19	3° 6	20°34	2°30	27° 2	16°25	26°46	28° 4	28°15	19° 4	2° 7	T 19
F 20	17 51 56	28°32'49	3♓ 3	22°11	23°32	3°31	20°48	2°34	27° 0	16°23	26°47	28° 1	28°12	19°11	2° 5	F 20
S 21	17 55 52	29°30'06	17° 1	24°21	24°46	3°55	21° 1	2°39	26°57	16°22	26°48	28° 0	28° 9	19°17	2° 2	S 21
S 22	17 59 49	0♋27'23	0♈34	26°31	26° 0	4°20	21°15	2°44	26°55	16°20	26°50	28° 0	28° 6	19°24	1°59	S 22
M23	18 3 46	1°24'39	13°44	28°42	27°13	4°46	21°29	2°48	26°52	16°19	26°51	27°59	28° 3	19°31	1°56	M23
T 24	18 7 42	2°21'55	26°36	0♋54	28°27	5°11	21°43	2°53	26°50	16°17	26°53	27°58	27°59	19°37	1°53	T 24
W25	18 11 39	3°19'11	9♉11	3° 6	29°40	5°37	21°57	2°58	26°48	16°16	26°54	27°54	27°56	19°44	1°51	W25
T 26	18 15 35	4°16'27	21°34	5°17	0♋54	6° 3	22°10	3° 3	26°45	16°14	26°55	27°47	27°53	19°51	1°48	T 26
F 27	18 19 32	5°13'43	3♊47	7°28	2° 8	6°30	22°24	3° 8	26°43	16°12	26°57	27°38	27°50	19°58	1°45	F 27
S 28	18 23 28	6°10'59	15°52	9°39	3°22	6°57	22°38	3°14	26°40	16°11	26°58	27°26	27°47	20° 4	1°41	S 28
S 29	18 27 25	7° 8'14	27°52	11°48	4°35	7°24	22°51	3°19	26°38	16° 9	27° 0	27°13	27°44	20°11	1°38	S 29
M30	18 31 21	8♋ 5'30	9♋47	13♋56	5♋49	7♎51	23♊ 5	3♍24	26♐35	16♑ 8	27♊ 1	26♓59	27♓40	20♋18	1♒35	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n59	27n52	4n55	14n21	2s48	19n26	0s46	2n 3	0n51	22n17	0s27	12n32	1n40	23s34	0s10	21s32	0n51	15n55	7s28	0n 1	0s19	27n12	12s24	7n19
M 2	22 7	28 26	5 1	14 51	2 41	19 43	0 44	1 54	0 49	22 18	0 27	12 31	1 40	23 34	0 10	21 32	0 51	15 55	7 27	0s 4	0 20	27 10	12 24	7 19
T 3	22 15	27 40	4 53	15 22	2 34	20 0	0 42	1 45	0 47	22 20	0 27	12 30	1 39	23 34	0 10	21 32	0 51	15 55	7 27	0 9	0 21	27 9	12 24	7 19
W 4	22 22	25 38	4 33	15 54	2 26	20 16	0 40	1 36	0 46	22 21	0 27	12 29	1 39	23 34	0 10	21 32	0 51	15 55	7 27	0 13	0 23	27 8	12 24	7 20
T 5	22 29	22 30	4 0	16 26	2 17	20 32	0 37	1 27	0 44	22 23	0 26	12 27	1 39	23 34	0 10	21 32	0 51	15 55	7 27	0 17	0 24	27 7	12 24	7 20
F 6	22 36	18 25	3 18	16 58	2 9	20 47	0 35	1 18	0 42	22 24	0 26	12 26	1 39	23 34	0 10	21 32	0 51	15 55	7 27	0 19	0 25	27 6	12 24	7 21
S 7	22 42	13 36	2 26	17 30	2 0	21 1	0 33	1 8	0 40	22 25	0 26	12 25	1 39	23 34	0 10	21 33	0 51	15 56	7 27	0 20	0 26	27 5	12 24	7 21
S 8	22 48	8 10	1 27	18 3	1 50	21 15	0 31	0 59	0 39	22 27	0 26	12 23	1 39	23 34	0 10	21 33	0 51	15 56	7 27	0 20	0 28	27 3	12 24	7 22
M 9	22 53	2 20	0 22	18 35	1 40	21 28	0 28	0 49	0 37	22 28	0 26	12 22	1 39	23 34	0 10	21 33	0 51	15 56	7 27	0 20	0 29	27 2	12 24	7 22
T 10	22 58	3s46	0s45	19 6	1 30	21 41	0 26	0 39	0 35	22 29	0 26	12 20	1 39	23 34	0 10	21 33	0 51	15 56	7 27	0 20	0 30	27 1	12 24	7 22
W11	23 2	9 55	1 53	19 38	1 20	21 53	0 24	0 30	0 34	22 31	0 26	12 19	1 39	23 34	0 10	21 33	0 51	15 56	7 27	0 21	0 32	27 0	12 24	7 23
T 12	23 7	15 49	2 56	20 8	1 9	22 5	0 21	0 19	0 32	22 32	0 26	12 17	1 39	23 34	0 10	21 33	0 51	15 56	7 27	0 22	0 33	26 59	12 24	7 23
F 13	23 10	21 6	3 50	20 38	0 58	22 15	0 19	0 9	0 30	22 33	0 26	12 16	1 38	23 34	0 10	21 34	0 51	15 56	7 27	0 25	0 34	26 57	12 24	7 24
S 14	23 14	25 16	4 32	21 7	0 47	22 26	0 17	0s 1	0 29	22 34	0 26	12 14	1 38	23 34	0 10	21 34	0 51	15 56	7 27	0 28	0 35	26 56	12 24	7 24
S 15	23 16	27 49	4 55	21 35	0 36	22 35	0 14	0 12	0 27	22 36	0 26	12 13	1 38	23 34	0 10	21 34	0 51	15 56	7 27	0 32	0 37	26 55	12 25	7 24
M16	23 19	28 21	4 59	22 2	0 25	22 44	0 12	0 22	0 26	22 37	0 26	12 11	1 38	23 34	0 10	21 34	0 51	15 56	7 26	0 36	0 38	26 54	12 25	7 25
T 17	23 21	26 45	4 41	22 27	0 14	22 52	0 10	0 33	0 24	22 38	0 25	12 9	1 38	23 34	0 10	21 34	0 51	15 57	7 26	0 40	0 39	26 52	12 25	7 25
W18	23 23	23 14	4 4	22 50	0 3	23 0	0 7	0 44	0 23	22 39	0 25	12 8	1 38	23 34	0 10	21 34	0 51	15 57	7 26	0 44	0 40	26 51	12 25	7 26
T 19	23 24	18 16	3 12	23 11	0n 8	23 7	0 5	0 55	0 21	22 40	0 25	12 6	1 38	23 34	0 10	21 35	0 51	15 57	7 26	0 46	0 42	26 50	12 25	7 26
F 20	23 25	12 22	2 8	23 30	0 19	23 13	0 2	1 6	0 20	22 41	0 25	12 4	1 38	23 34	0 10	21 35	0 51	15 57	7 26	0 47	0 43	26 48	12 26	7 26
S 21	23 25	6 1	0 58	23 47	0 29	23 19	0n 0	1 17	0 18	22 42	0 25	12 3	1 38	23 34	0 10	21 35	0 51	15 57	7 26	0 48	0 44	26 47	12 26	7 27
S 22	23 25	0n26	0n14	24 2	0 39	23 24	0 2	1 28	0 17	22 43	0 25	12 1	1 38	23 34	0 11	21 35	0 51	15 57	7 26	0 48	0 45	26 46	12 26	7 27
M23	23 25	6 41	1 22	24 13	0 49	23 28	0 5	1 39	0 15	22 44	0 25	11 59	1 38	23 34	0 11	21 35	0 51	15 57	7 26	0 48	0 47	26 45	12 26	7 27
T 24	23 24	12 30	2 25	24 23	0 58	23 32	0 7	1 51	0 14	22 45	0 25	11 57	1 37	23 34	0 11	21 35	0 51	15 57	7 26	0 49	0 48	26 43	12 27	7 28
W25	23 23	17 41	3 19	24 29	1 6	23 35	0 10	2 2	0 13	22 46	0 25	11 55	1 37	23 33	0 11	21 36	0 51	15 57	7 26	0 50	0 49	26 42	12 27	7 28
T 26	23 21	22 3	4 3	24 33	1 14	23 37	0 12	2 14	0 11	22 47	0 25	11 53	1 37	23 33	0 11	21 36	0 51	15 57	7 26	0 53	0 50	26 41	12 27	7 28
F 27	23 19	25 23	4 35	24 33	1 21	23 39	0 14	2 26	0 10	22 48	0 25	11 51	1 37	23 33	0 11	21 36	0 51	15 57	7 26	0 56	0 52	26 39	12 28	7 28
S 28	23 17	27 33	4 54	24 31	1 27	23 39	0 17	2 37	0 8	22 48	0 25	11 49	1 37	23 33	0 11	21 36	0 51	15 57	7 26	1 1	0 53	26 38	12 28	7 29
S 29	23 14	28 24	5 0	24 27	1 33	23 39	0 19	2 49	0 7	22 49	0 24	11 48	1 37	23 33	0 11	21 36	0 51	15 57	7 26	1 6	0 54	26 37	12 29	7 29
M30	23n10	27n55	4n53	24n19	1n38	23n39	0n21	3s 1	0n 6	22n50	0s24	11n46	1n37	23s33	0s11	21s37	0n51	15n57	7s26	1s12	0s55	26n35	12s29	7n29

Julian Day Number = 2508308.5, Delta T = 125.45 sec
Ecliptic obliquity = 23°25'17, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°54'43, Lahiri = 26°01'43

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2155
geocentric

JULY 2155 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 35 18	9♋ 2'45	21♋39	16♋ 3	7♋ 3	8♎19	23♊19	3♍30	26°R33	16°R 6	27♊ 2	26°R46	27♓37	20♋24	1°R32	T 1
W 2	18 39 15	9°59'59	3♌29	18° 9	8°16	8°47	23°32	3°35	26♐31	16♑ 4	27° 4	26♓35	27°34	20°31	1♒29	W 2
T 3	18 43 11	10°57'13	15°20	20°13	9°30	9°15	23°46	3°41	26°28	16° 3	27° 5	26°27	27°31	20°38	1°26	T 3
F 4	18 47 8	11°54'27	27°14	22°15	10°44	9°43	24° 0	3°46	26°26	16° 1	27° 7	26°21	27°28	20°45	1°22	F 4
S 5	18 51 4	12°51'41	9♍14	24°15	11°58	10°12	24°13	3°52	26°24	16° 0	27° 8	26°17	27°25	20°51	1°19	S 5
S 6	18 55 1	13°48'54	21°24	26°14	13°11	10°41	24°27	3°57	26°21	15°58	27° 9	26°D16	27°21	20°58	1°16	S 6
M 7	18 58 57	14°46'07	3♎48	28°11	14°25	11°10	24°40	4° 3	26°19	15°56	27°11	26°16	27°18	21° 5	1°12	M 7
T 8	19 2 54	15°43'20	16°32	0♌ 5	15°39	11°39	24°53	4° 9	26°17	15°55	27°12	26°R16	27°15	21°11	1° 9	T 8
W 9	19 6 50	16°40'32	29°39	1°58	16°53	12° 9	25° 7	4°15	26°15	15°53	27°13	26°16	27°12	21°18	1° 6	W 9
T 10	19 10 47	17°37'44	13♏14	3°49	18° 6	12°39	25°20	4°21	26°12	15°52	27°15	26°13	27° 9	21°25	1° 2	T 10
F 11	19 14 44	18°34'56	27°19	5°37	19°20	13° 9	25°33	4°27	26°10	15°50	27°16	26° 8	27° 5	21°32	0°59	F 11
S 12	19 18 40	19°32'08	11♐52	7°24	20°34	13°39	25°47	4°33	26° 8	15°48	27°17	26° 1	27° 2	21°38	0°55	S 12
S 13	19 22 37	20°29'20	26°49	9° 9	21°48	14° 9	26° 0	4°39	26° 6	15°47	27°19	25°53	26°59	21°45	0°52	S 13
M14	19 26 33	21°26'32	12♑ 2	10°52	23° 2	14°40	26°13	4°45	26° 4	15°45	27°20	25°44	26°56	21°52	0°48	M14
T 15	19 30 30	22°23'44	27°21	12°32	24°15	15°11	26°26	4°52	26° 1	15°43	27°21	25°35	26°53	21°58	0°45	T 15
W16	19 34 26	23°20'56	12♒35	14°11	25°29	15°42	26°39	4°58	25°59	15°42	27°23	25°28	26°50	22° 5	0°41	W16
T 17	19 38 23	24°18'09	27°34	15°48	26°43	16°14	26°53	5° 4	25°57	15°40	27°24	25°22	26°46	22°12	0°38	T 17
F 18	19 42 20	25°15'22	12♓ 9	17°22	27°57	16°45	27° 6	5°11	25°55	15°39	27°25	25°20	26°43	22°19	0°34	F 18
S 19	19 46 16	26°12'35	26°17	18°55	29°11	17°17	27°19	5°17	25°53	15°37	27°27	25°D19	26°40	22°25	0°31	S 19
S 20	19 50 13	27° 9'49	9♈57	20°26	0♌25	17°49	27°31	5°23	25°51	15°35	27°28	25°20	26°37	22°32	0°27	S 20
M21	19 54 9	28° 7'04	23°11	21°54	1°38	18°21	27°44	5°30	25°49	15°34	27°29	25°R20	26°34	22°39	0°24	M21
T 22	19 58 6	29° 4'20	6♉ 3	23°21	2°52	18°53	27°57	5°37	25°47	15°32	27°30	25°20	26°30	22°45	0°20	T 22
W23	20 2 2	0♌ 1'36	18°35	24°46	4° 6	19°26	28°10	5°43	25°45	15°31	27°32	25°18	26°27	22°52	0°16	W23
T 24	20 5 59	0°58'53	0♊52	26° 8	5°20	19°58	28°23	5°50	25°44	15°29	27°33	25°15	26°24	22°59	0°13	T 24
F 25	20 9 55	1°56'11	12°59	27°28	6°34	20°31	28°35	5°57	25°42	15°28	27°34	25° 8	26°21	23° 5	0° 9	F 25
S 26	20 13 52	2°53'29	24°57	28°46	7°48	21° 4	28°48	6° 3	25°40	15°26	27°35	25° 0	26°18	23°12	0° 6	S 26
S 27	20 17 49	3°50'49	6♋51	0♍ 2	9° 2	21°38	29° 1	6°10	25°38	15°25	27°36	24°51	26°15	23°19	0° 2	S 27
M28	20 21 45	4°48'09	18°43	1°16	10°16	22°11	29°13	6°17	25°36	15°23	27°38	24°42	26°11	23°26	29♑59	M28
T 29	20 25 42	5°45'30	0♌34	2°27	11°30	22°45	29°25	6°24	25°35	15°22	27°39	24°32	26° 8	23°32	29°55	T 29
W30	20 29 38	6°42'51	12°26	3°36	12°44	23°18	29°38	6°31	25°33	15°20	27°40	24°25	26° 5	23°39	29°52	W30
T 31	20 33 35	7♌40'13	24♌21	4♍42	13♌58	23♎52	29♊50	6♍38	25♐32	15♑19	27♊41	24♓19	26♓ 2	23♋46	29♑48	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n 7	26n10	4n33	24n 9	1n43	23n38	0n24	3s13	0n 5	22n51	0s24	11n43	1n37	23s33	0s11	21s37	0n51	15n57	7s26	1s17	0s57	26n34	12s29	7n29
W 2	23 3	23 16	4 1	23 57	1 46	23 36	0 26	3 26	0 3	22 52	0 24	11 41	1 37	23 33	0 11	21 37	0 51	15 57	7 26	1 21	0 58	26 32	12 30	7 30
T 3	22 58	19 23	3 19	23 42	1 49	23 33	0 28	3 38	0 2	22 52	0 24	11 39	1 37	23 33	0 11	21 37	0 51	15 57	7 26	1 25	0 59	26 31	12 30	7 30
F 4	22 53	14 44	2 27	23 25	1 51	23 29	0 30	3 50	0 1	22 53	0 24	11 37	1 37	23 33	0 11	21 37	0 51	15 58	7 26	1 27	1 1	26 30	12 31	7 30
S 5	22 48	9 29	1 29	23 5	1 52	23 25	0 33	4 3	0s 1	22 54	0 24	11 35	1 37	23 33	0 11	21 38	0 51	15 58	7 26	1 29	1 2	26 28	12 31	7 30
S 6	22 42	3 48	0 26	22 44	1 53	23 21	0 35	4 15	0 2	22 54	0 24	11 33	1 37	23 33	0 11	21 38	0 51	15 58	7 26	1 29	1 3	26 27	12 32	7 30
M 7	22 36	2s 7	0s40	22 21	1 53	23 15	0 37	4 28	0 3	22 55	0 24	11 31	1 37	23 33	0 11	21 38	0 51	15 58	7 26	1 29	1 4	26 25	12 32	7 31
T 8	22 30	8 7	1 46	21 56	1 52	23 9	0 39	4 40	0 4	22 56	0 24	11 29	1 37	23 33	0 11	21 38	0 51	15 58	7 26	1 29	1 6	26 24	12 33	7 31
W 9	22 23	13 57	2 48	21 30	1 50	23 2	0 41	4 53	0 5	22 56	0 24	11 26	1 36	23 33	0 11	21 38	0 51	15 58	7 26	1 29	1 7	26 23	12 34	7 31
T 10	22 16	19 20	3 42	21 2	1 48	22 55	0 43	5 5	0 6	22 57	0 24	11 24	1 36	23 33	0 11	21 39	0 51	15 58	7 26	1 30	1 8	26 21	12 34	7 31
F 11	22 8	23 51	4 26	20 33	1 46	22 46	0 45	5 18	0 8	22 57	0 24	11 22	1 36	23 33	0 11	21 39	0 50	15 58	7 26	1 32	1 9	26 20	12 35	7 31
S 12	22 0	27 3	4 54	20 3	1 42	22 38	0 47	5 31	0 9	22 58	0 24	11 20	1 36	23 33	0 11	21 39	0 50	15 58	7 26	1 35	1 11	26 18	12 35	7 31
S 13	21 52	28 26	5 3	19 32	1 38	22 28	0 49	5 44	0 10	22 58	0 23	11 17	1 36	23 32	0 11	21 39	0 50	15 58	7 26	1 38	1 12	26 17	12 36	7 31
M14	21 43	27 42	4 51	19 0	1 34	22 18	0 51	5 57	0 11	22 59	0 23	11 15	1 36	23 32	0 11	21 39	0 50	15 58	7 26	1 42	1 13	26 15	12 37	7 32
T 15	21 34	24 53	4 18	18 27	1 29	22 7	0 53	6 10	0 12	22 59	0 23	11 13	1 36	23 32	0 11	21 40	0 50	15 58	7 26	1 45	1 14	26 14	12 37	7 32
W16	21 24	20 20	3 27	17 54	1 23	21 56	0 55	6 23	0 13	23 0	0 23	11 10	1 36	23 32	0 11	21 40	0 50	15 58	7 26	1 48	1 16	26 12	12 38	7 32
T 17	21 14	14 32	2 22	17 19	1 17	21 43	0 57	6 36	0 14	23 0	0 23	11 8	1 36	23 32	0 11	21 40	0 50	15 58	7 26	1 50	1 17	26 11	12 38	7 32
F 18	21 4	8 5	1 10	16 44	1 11	21 31	0 58	6 49	0 15	23 0	0 23	11 6	1 36	23 32	0 11	21 40	0 50	15 58	7 26	1 51	1 18	26 9	12 39	7 32
S 19	20 54	1 24	0n 5	16 9	1 4	21 17	1 0	7 2	0 16	23 1	0 23	11 3	1 36	23 32	0 11	21 40	0 50	15 58	7 26	1 52	1 19	26 8	12 40	7 32
S 20	20 43	5n 8	1 17	15 34	0 57	21 3	1 2	7 15	0 17	23 1	0 23	11 1	1 36	23 32	0 11	21 41	0 50	15 58	7 26	1 51	1 21	26 6	12 41	7 32
M21	20 31	11 13	2 23	14 58	0 49	20 49	1 3	7 28	0 18	23 1	0 23	10 58	1 36	23 32	0 11	21 41	0 50	15 58	7 26	1 51	1 22	26 5	12 41	7 32
T 22	20 20	16 40	3 20	14 22	0 41	20 33	1 5	7 42	0 19	23 1	0 23	10 56	1 36	23 32	0 11	21 41	0 50	15 58	7 26	1 51	1 23	26 3	12 42	7 32
W23	20 8	21 16	4 6	13 46	0 32	20 18	1 7	7 55	0 20	23 2	0 23	10 54	1 36	23 32	0 11	21 41	0 50	15 58	7 26	1 52	1 24	26 2	12 43	7 32
T 24	19 55	24 52	4 39	13 10	0 23	20 1	1 8	8 8	0 21	23 2	0 23	10 51	1 36	23 32	0 11	21 41	0 50	15 58	7 26	1 53	1 26	26 0	12 43	7 32
F 25	19 43	27 17	4 59	12 34	0 14	19 44	1 10	8 21	0 22	23 2	0 23	10 49	1 36	23 32	0 11	21 42	0 50	15 58	7 26	1 56	1 27	25 59	12 44	7 32
S 26	19 30	28 25	5 6	11 58	0 4	19 27	1 11	8 35	0 23	23 2	0 23	10 46	1 36	23 32	0 11	21 42	0 50	15 58	7 26	1 59	1 28	25 57	12 45	7 32
S 27	19 17	28 13	4 59	11 22	0s 6	19 9	1 12	8 48	0 24	23 3	0 23	10 44	1 36	23 32	0 11	21 42	0 50	15 58	7 27	2 3	1 30	25 56	12 46	7 32
M28	19 3	26 44	4 40	10 46	0 16	18 50	1 14	9 1	0 25	23 3	0 22	10 41	1 36	23 32	0 11	21 42	0 50	15 58	7 27	2 6	1 31	25 54	12 46	7 32
T 29	18 49	24 3	4 8	10 11	0 26	18 31	1 15	9 15	0 26	23 3	0 22	10 38	1 36	23 32	0 11	21 42	0 50	15 57	7 27	2 10	1 32	25 52	12 47	7 32
W30	18 35	20 21	3 26	9 36	0 37	18 12	1 16	9 28	0 27	23 3	0 22	10 36	1 36	23 32	0 11	21 43	0 50	15 57	7 27	2 13	1 33	25 51	12 48	7 32
T 31	18n20	15n49	2n34	9n 2	0s48	17n51	1n17	9s42	0s28	23n 3	0s22	10n33	1n36	23s31	0s11	21s43	0n50	15n57	7s27	2s15	1s35	25n49	12s49	7n32

Julian Day Number = 2508338.5, Delta T = 125.51 sec
Ecliptic obliquity = 23°25'17, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°54'47, Lahiri = 26°01'48

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2155
geocentric

AUGUST 2155 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 37 31	8♌37'35	6♍21	5♍45	15♌11	24♎27	0♋ 2	6♍45	25°R30	15°R17	27♊42	24°R15	25♓59	23♋52	29°R45	F 1
S 2	20 41 28	9°34'59	18°27	6°46	16°25	25° 1	0°15	6°52	25♐28	15♑16	27°43	24°D13	25°56	23°59	29♑41	S 2
S 3	20 45 24	10°32'23	0♎44	7°44	17°39	25°35	0°27	6°59	25°27	15°14	27°44	24♓13	25°52	24° 6	29°38	S 3
M 4	20 49 21	11°29'47	13°14	8°40	18°53	26°10	0°39	7° 6	25°25	15°13	27°45	24°14	25°49	24°13	29°34	M 4
T 5	20 53 18	12°27'12	26° 0	9°32	20° 7	26°45	0°51	7°13	25°24	15°11	27°47	24°16	25°46	24°19	29°31	T 5
W 6	20 57 14	13°24'38	9♏ 7	10°21	21°21	27°20	1° 3	7°20	25°23	15°10	27°48	24°R17	25°43	24°26	29°27	W 6
T 7	21 1 11	14°22'04	22°37	11° 6	22°35	27°55	1°14	7°27	25°21	15° 9	27°49	24°16	25°40	24°33	29°24	T 7
F 8	21 5 7	15°19'31	6♐33	11°48	23°49	28°30	1°26	7°34	25°20	15° 7	27°50	24°15	25°36	24°39	29°21	F 8
S 9	21 9 4	16°16'59	20°54	12°26	25° 3	29° 5	1°38	7°42	25°19	15° 6	27°51	24°11	25°33	24°46	29°17	S 9
S 10	21 13 0	17°14'27	5♑37	13° 1	26°17	29°41	1°50	7°49	25°18	15° 5	27°52	24° 7	25°30	24°53	29°14	S 10
M11	21 16 57	18°11'57	20°37	13°31	27°31	0♏17	2° 1	7°56	25°16	15° 3	27°53	24° 2	25°27	24°59	29°11	M11
T 12	21 20 53	19° 9'27	5♒47	13°57	28°45	0°53	2°13	8° 4	25°15	15° 2	27°54	23°57	25°24	25° 6	29° 7	T 12
W13	21 24 50	20° 6'58	20°55	14°18	29°59	1°29	2°24	8°11	25°14	15° 1	27°55	23°53	25°21	25°13	29° 4	W13
T 14	21 28 47	21° 4'30	5♓53	14°35	1♍13	2° 5	2°35	8°18	25°13	15° 0	27°55	23°50	25°17	25°20	29° 1	T 14
F 15	21 32 43	22° 2'03	20°31	14°47	2°27	2°41	2°46	8°26	25°12	14°58	27°56	23°D49	25°14	25°26	28°58	F 15
S 16	21 36 40	22°59'38	4♈46	14°53	3°41	3°17	2°57	8°33	25°11	14°57	27°57	23°50	25°11	25°33	28°55	S 16
S 17	21 40 36	23°57'14	18°33	14°R55	4°55	3°54	3° 9	8°40	25°10	14°56	27°58	23°51	25° 8	25°40	28°52	S 17
M18	21 44 33	24°54'51	1♉54	14°51	6° 9	4°31	3°19	8°48	25° 9	14°55	27°59	23°52	25° 5	25°46	28°49	M18
T 19	21 48 29	25°52'30	14°50	14°41	7°23	5° 7	3°30	8°55	25° 9	14°54	28° 0	23°54	25° 2	25°53	28°46	T 19
W20	21 52 26	26°50'11	27°25	14°26	8°37	5°44	3°41	9° 3	25° 8	14°53	28° 1	23°R54	24°58	26° 0	28°43	W20
T 21	21 56 22	27°47'53	9♊43	14° 5	9°52	6°21	3°52	9°10	25° 7	14°52	28° 2	23°53	24°55	26° 7	28°40	T 21
F 22	22 0 19	28°45'37	21°48	13°39	11° 6	6°59	4° 2	9°18	25° 7	14°50	28° 2	23°52	24°52	26°13	28°37	F 22
S 23	22 4 16	29°43'22	3♋44	13° 7	12°20	7°36	4°13	9°25	25° 6	14°49	28° 3	23°49	24°49	26°20	28°34	S 23
S 24	22 8 12	0♍41'09	15°36	12°30	13°34	8°14	4°23	9°33	25° 5	14°48	28° 4	23°45	24°46	26°27	28°31	S 24
M25	22 12 9	1°38'58	27°27	11°49	14°48	8°51	4°33	9°40	25° 5	14°47	28° 5	23°42	24°42	26°33	28°29	M25
T 26	22 16 5	2°36'48	9♌19	11° 3	16° 2	9°29	4°44	9°48	25° 4	14°46	28° 5	23°38	24°39	26°40	28°26	T 26
W27	22 20 2	3°34'40	21°16	10°13	17°16	10° 7	4°54	9°55	25° 4	14°46	28° 6	23°35	24°36	26°47	28°23	W27
T 28	22 23 58	4°32'33	3♍18	9°21	18°30	10°45	5° 4	10° 3	25° 4	14°45	28° 7	23°33	24°33	26°53	28°21	T 28
F 29	22 27 55	5°30'27	15°29	8°27	19°44	11°23	5°14	10°10	25° 3	14°44	28° 7	23°32	24°30	27° 0	28°18	F 29
S 30	22 31 51	6°28'23	27°49	7°33	20°58	12° 1	5°23	10°18	25° 3	14°43	28° 8	23°D32	24°27	27° 7	28°16	S 30
S 31	22 35 48	7♍26'20	10♎20	6♍38	22♍12	12♏40	5♋33	10♍26	25♐ 3	14♑42	28♊ 9	23♓33	24♓23	27♋14	28♑13	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	18n 5	10n39	1n35	8n29	0s59	17n31	1n18	9s55	0s29	23n 3	0s22	10n31	1n36	23s31	0s11	21s43	0n50	15n57	7s27	2s17	1s36	25n48	12s50	7n31
S 2	17 50	5 2	0 31	7 56	1 10	17 10	1 19	10 8	0 30	23 3	0 22	10 28	1 36	23 31	0 11	21 43	0 50	15 57	7 27	2 18	1 37	25 46	12 50	7 31
S 3	17 35	0s50	0s35	7 23	1 22	16 48	1 20	10 22	0 31	23 3	0 22	10 25	1 36	23 31	0 11	21 43	0 50	15 57	7 27	2 18	1 38	25 44	12 51	7 31
M 4	17 19	6 46	1 41	6 52	1 34	16 26	1 21	10 35	0 32	23 3	0 22	10 23	1 36	23 31	0 11	21 44	0 50	15 57	7 27	2 17	1 40	25 43	12 52	7 31
T 5	17 3	12 35	2 44	6 22	1 45	16 3	1 22	10 49	0 33	23 3	0 22	10 20	1 36	23 31	0 11	21 44	0 50	15 57	7 27	2 17	1 41	25 41	12 53	7 31
W 6	16 47	17 59	3 39	5 52	1 57	15 41	1 23	11 2	0 33	23 3	0 22	10 17	1 36	23 31	0 11	21 44	0 50	15 57	7 27	2 16	1 42	25 40	12 54	7 31
T 7	16 30	22 41	4 25	5 24	2 9	15 17	1 23	11 15	0 34	23 3	0 22	10 15	1 36	23 31	0 11	21 44	0 50	15 57	7 27	2 16	1 43	25 38	12 54	7 31
F 8	16 14	26 15	4 56	4 57	2 21	14 53	1 24	11 29	0 35	23 3	0 22	10 12	1 36	23 31	0 11	21 44	0 50	15 57	7 27	2 17	1 45	25 36	12 55	7 31
S 9	15 57	28 16	5 10	4 32	2 33	14 29	1 24	11 42	0 36	23 3	0 22	10 9	1 36	23 31	0 11	21 44	0 50	15 57	7 27	2 18	1 46	25 35	12 56	7 30
S 10	15 39	28 22	5 4	4 8	2 45	14 5	1 25	11 56	0 37	23 3	0 22	10 7	1 36	23 31	0 11	21 45	0 50	15 57	7 27	2 20	1 47	25 33	12 57	7 30
M11	15 22	26 25	4 38	3 45	2 57	13 40	1 25	12 9	0 38	23 3	0 22	10 4	1 36	23 31	0 11	21 45	0 50	15 57	7 28	2 22	1 48	25 31	12 58	7 30
T 12	15 4	22 34	3 52	3 25	3 8	13 14	1 26	12 22	0 38	23 3	0 22	10 1	1 36	23 31	0 11	21 45	0 50	15 57	7 28	2 24	1 50	25 30	12 59	7 30
W13	14 46	17 12	2 50	3 6	3 19	12 49	1 26	12 36	0 39	23 2	0 22	9 59	1 36	23 31	0 11	21 45	0 50	15 57	7 28	2 26	1 51	25 28	13 0	7 29
T 14	14 28	10 51	1 36	2 50	3 30	12 23	1 26	12 49	0 40	23 2	0 21	9 56	1 36	23 31	0 11	21 45	0 50	15 57	7 28	2 27	1 52	25 26	13 0	7 29
F 15	14 9	4 2	0 18	2 35	3 41	11 56	1 27	13 2	0 41	23 2	0 21	9 53	1 36	23 31	0 11	21 45	0 50	15 57	7 28	2 27	1 53	25 25	13 1	7 29
S 16	13 51	2n48	1n 0	2 23	3 51	11 30	1 27	13 15	0 42	23 2	0 21	9 50	1 36	23 31	0 11	21 46	0 50	15 56	7 28	2 27	1 55	25 23	13 2	7 29
S 17	13 32	9 17	2 11	2 14	4 1	11 3	1 27	13 28	0 42	23 2	0 21	9 48	1 36	23 31	0 11	21 46	0 50	15 56	7 28	2 27	1 56	25 21	13 3	7 29
M18	13 12	15 9	3 14	2 7	4 10	10 35	1 27	13 41	0 43	23 2	0 21	9 45	1 36	23 31	0 11	21 46	0 50	15 56	7 28	2 26	1 57	25 19	13 4	7 28
T 19	12 53	20 9	4 4	2 4	4 18	10 8	1 27	13 55	0 44	23 1	0 21	9 42	1 36	23 31	0 11	21 46	0 50	15 56	7 28	2 25	1 59	25 18	13 5	7 28
W20	12 34	24 8	4 41	2 3	4 25	9 40	1 27	14 8	0 45	23 1	0 21	9 39	1 36	23 31	0 11	21 46	0 50	15 56	7 28	2 25	2 0	25 16	13 5	7 28
T 21	12 14	26 54	5 4	2 5	4 31	9 12	1 26	14 21	0 45	23 1	0 21	9 36	1 36	23 31	0 11	21 46	0 50	15 56	7 28	2 25	2 1	25 14	13 6	7 27
F 22	11 54	28 23	5 14	2 11	4 36	8 44	1 26	14 33	0 46	23 1	0 21	9 34	1 36	23 31	0 11	21 46	0 50	15 56	7 28	2 26	2 2	25 12	13 7	7 27
S 23	11 34	28 31	5 9	2 20	4 39	8 15	1 26	14 46	0 47	23 0	0 21	9 31	1 36	23 31	0 11	21 47	0 50	15 56	7 29	2 27	2 4	25 11	13 8	7 27
S 24	11 13	27 20	4 51	2 32	4 41	7 46	1 25	14 59	0 47	23 0	0 21	9 28	1 36	23 31	0 11	21 47	0 50	15 56	7 29	2 29	2 5	25 9	13 9	7 26
M25	10 53	24 55	4 21	2 47	4 41	7 17	1 25	15 12	0 48	23 0	0 21	9 25	1 36	23 31	0 11	21 47	0 50	15 56	7 29	2 30	2 6	25 7	13 10	7 26
T 26	10 32	21 26	3 40	3 6	4 40	6 48	1 24	15 25	0 49	22 59	0 21	9 22	1 36	23 31	0 11	21 47	0 49	15 56	7 29	2 32	2 7	25 5	13 11	7 26
W27	10 11	17 4	2 49	3 27	4 37	6 19	1 24	15 37	0 49	22 59	0 21	9 20	1 36	23 31	0 11	21 47	0 49	15 56	7 29	2 33	2 9	25 4	13 11	7 25
T 28	9 50	11 59	1 49	3 52	4 32	5 49	1 23	15 50	0 50	22 59	0 21	9 17	1 36	23 31	0 11	21 47	0 49	15 55	7 29	2 34	2 10	25 2	13 12	7 25
F 29	9 29	6 24	0 44	4 18	4 25	5 19	1 22	16 2	0 51	22 58	0 21	9 14	1 36	23 31	0 11	21 47	0 49	15 55	7 29	2 34	2 11	25 0	13 13	7 25
S 30	9 8	0 30	0s24	4 47	4 16	4 50	1 22	16 15	0 51	22 58	0 21	9 11	1 36	23 31	0 11	21 48	0 49	15 55	7 29	2 34	2 12	24 58	13 14	7 24
S 31	8n46	5s29	1s32	5n17	4s 5	4n20	1n21	16s27	0s52	22n58	0s21	9n 8	1n36	23s31	0s11	21s48	0n49	15n55	7s29	2s34	2s14	24n56	13s15	7n24

Julian Day Number = 2508369.5, Delta T = 125.57 sec
Ecliptic obliquity = 23°25'18, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°54'51, Lahiri = 26°01'52

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2155
geocentric

SEPTEMBER 2155 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 39 45	8♍24'19	23♎ 4	5°R45	23♍26	13♏18	5♋43	10♍33	25°R 3	14°R41	28♊ 9	23♓34	24♓20	27♋20	28°R11	M 1
T 2	22 43 41	9°22'19	6♏ 2	4♍54	24°40	13°57	5°52	10°41	25♐ 2	14♑40	28°10	23°35	24°17	27°27	28♑ 9	T 2
W 3	22 47 38	10°20'21	19°16	4° 8	25°54	14°36	6° 1	10°48	25° 2	14°40	28°10	23°36	24°14	27°34	28° 7	W 3
T 4	22 51 34	11°18'24	2♐48	3°26	27° 8	15°15	6°10	10°56	25°D 2	14°39	28°11	23°36	24°11	27°40	28° 4	T 4
F 5	22 55 31	12°16'28	16°39	2°49	28°22	15°54	6°19	11° 4	25° 2	14°38	28°11	23°R37	24° 8	27°47	28° 2	F 5
S 6	22 59 27	13°14'34	0♑48	2°20	29°37	16°33	6°28	11°11	25° 3	14°38	28°12	23°36	24° 4	27°54	28° 0	S 6
S 7	23 3 24	14°12'41	15°13	1°58	0♎51	17°12	6°37	11°19	25° 3	14°37	28°12	23°35	24° 1	28° 0	27°58	S 7
M 8	23 7 20	15°10'49	29°52	1°44	2° 5	17°51	6°46	11°26	25° 3	14°36	28°13	23°34	23°58	28° 7	27°56	M 8
T 9	23 11 17	16° 8'59	14♒39	1°D38	3°19	18°31	6°55	11°34	25° 3	14°36	28°13	23°34	23°55	28°14	27°54	T 9
W10	23 15 14	17° 7'10	29°27	1°41	4°33	19°10	7° 3	11°41	25° 3	14°35	28°14	23°33	23°52	28°21	27°53	W10
T 11	23 19 10	18° 5'23	14♓ 9	1°53	5°47	19°50	7°11	11°49	25° 4	14°35	28°14	23°33	23°48	28°27	27°51	T 11
F 12	23 23 7	19° 3'38	28°39	2°14	7° 1	20°30	7°19	11°57	25° 4	14°34	28°14	23°D32	23°45	28°34	27°49	F 12
S 13	23 27 3	20° 1'54	12♈49	2°43	8°15	21°10	7°27	12° 4	25° 5	14°34	28°15	23°33	23°42	28°41	27°48	S 13
S 14	23 31 0	21° 0'13	26°37	3°21	9°29	21°50	7°35	12°12	25° 5	14°33	28°15	23°33	23°39	28°47	27°46	S 14
M15	23 34 56	21°58'33	10♉ 1	4° 8	10°43	22°30	7°43	12°19	25° 6	14°33	28°15	23°33	23°36	28°54	27°44	M15
T 16	23 38 53	22°56'56	23° 1	5° 2	11°57	23°10	7°51	12°27	25° 6	14°33	28°16	23°33	23°33	29° 1	27°43	T 16
W17	23 42 49	23°55'20	5♊40	6° 4	13°11	23°50	7°58	12°34	25° 7	14°32	28°16	23°R33	23°29	29° 7	27°42	W17
T 18	23 46 46	24°53'47	18° 1	7°13	14°25	24°31	8° 6	12°42	25° 8	14°32	28°16	23°33	23°26	29°14	27°40	T 18
F 19	23 50 42	25°52'16	0♋ 7	8°28	15°39	25°11	8°13	12°49	25° 8	14°32	28°16	23°D33	23°23	29°21	27°39	F 19
S 20	23 54 39	26°50'47	12° 4	9°49	16°53	25°52	8°20	12°57	25° 9	14°32	28°17	23°33	23°20	29°28	27°38	S 20
S 21	23 58 36	27°49'21	23°56	11°15	18° 7	26°33	8°27	13° 4	25°10	14°31	28°17	23°34	23°17	29°34	27°37	S 21
M22	0 2 32	28°47'56	5♌47	12°45	19°21	27°14	8°34	13°11	25°11	14°31	28°17	23°34	23°14	29°41	27°36	M22
T 23	0 6 29	29°46'33	17°42	14°20	20°35	27°54	8°40	13°19	25°12	14°31	28°17	23°35	23°10	29°48	27°35	T 23
W24	0 10 25	0♎45'13	29°43	15°58	21°49	28°36	8°47	13°26	25°13	14°31	28°17	23°35	23° 7	29°54	27°34	W24
T 25	0 14 22	1°43'54	11♍55	17°39	23° 3	29°17	8°53	13°34	25°14	14°31	28°17	23°36	23° 4	0♌ 1	27°34	T 25
F 26	0 18 18	2°42'38	24°18	19°22	24°17	29°58	8°59	13°41	25°15	14°31	28°17	23°R36	23° 1	0° 8	27°33	F 26
S 27	0 22 15	3°41'23	6♎55	21° 7	25°31	0♐39	9° 5	13°48	25°16	14°D31	28°17	23°36	22°58	0°14	27°32	S 27
S 28	0 26 11	4°40'11	19°47	22°53	26°45	1°21	9°11	13°55	25°18	14°31	28°R17	23°35	22°54	0°21	27°32	S 28
M29	0 30 8	5°39'00	2♏52	24°41	27°59	2° 2	9°17	14° 3	25°19	14°31	28°17	23°34	22°51	0°28	27°31	M29
T 30	0 34 5	6♎37'52	16♏12	26♍29	29♎13	2♐44	9♋22	14♍10	25♐20	14♑31	28♊17	23♓32	22♓48	0♌34	27♑31	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	8n25	11s22	2s36	5n48	3s52	3n49	1n20	16s39	0s53	22n57	0s21	9n 5	1n36	23s31	0s11	21s48	0n49	15n55	7s30	2s33	2s15	24n55	13s16	7n24
T 2	8 3	16 53	3 34	6 19	3 38	3 19	1 19	16 52	0 53	22 57	0 20	9 3	1 36	23 31	0 11	21 48	0 49	15 55	7 30	2 33	2 16	24 53	13 17	7 23
W 3	7 41	21 43	4 22	6 50	3 23	2 49	1 18	17 4	0 54	22 57	0 20	9 0	1 36	23 30	0 11	21 48	0 49	15 55	7 30	2 32	2 17	24 51	13 17	7 23
T 4	7 19	25 32	4 56	7 21	3 6	2 18	1 17	17 16	0 55	22 56	0 20	8 57	1 37	23 30	0 11	21 48	0 49	15 55	7 30	2 32	2 19	24 49	13 18	7 22
F 5	6 57	27 58	5 14	7 51	2 48	1 48	1 15	17 28	0 55	22 56	0 20	8 54	1 37	23 30	0 11	21 48	0 49	15 55	7 30	2 32	2 20	24 47	13 19	7 22
S 6	6 35	28 39	5 14	8 18	2 30	1 17	1 14	17 40	0 56	22 56	0 20	8 51	1 37	23 31	0 11	21 48	0 49	15 54	7 30	2 32	2 21	24 45	13 20	7 21
S 7	6 13	27 26	4 54	8 44	2 11	0 47	1 13	17 51	0 56	22 55	0 20	8 48	1 37	23 31	0 11	21 48	0 49	15 54	7 30	2 33	2 22	24 44	13 21	7 21
M 8	5 50	24 19	4 15	9 7	1 52	0 16	1 11	18 3	0 57	22 55	0 20	8 46	1 37	23 31	0 11	21 49	0 49	15 54	7 30	2 33	2 24	24 42	13 21	7 21
T 9	5 28	19 36	3 19	9 27	1 32	0s15	1 10	18 15	0 57	22 54	0 20	8 43	1 37	23 31	0 11	21 49	0 49	15 54	7 30	2 33	2 25	24 40	13 22	7 20
W10	5 5	13 41	2 10	9 43	1 14	0 45	1 8	18 26	0 58	22 54	0 20	8 40	1 37	23 31	0 11	21 49	0 49	15 54	7 31	2 34	2 26	24 38	13 23	7 20
T 11	4 42	7 2	0 52	9 57	0 55	1 16	1 7	18 37	0 59	22 54	0 20	8 37	1 37	23 31	0 11	21 49	0 49	15 54	7 31	2 34	2 27	24 36	13 24	7 19
F 12	4 20	0 6	0n28	10 6	0 37	1 47	1 5	18 49	0 59	22 53	0 20	8 34	1 37	23 31	0 11	21 49	0 49	15 54	7 31	2 34	2 29	24 34	13 24	7 19
S 13	3 57	6n40	1 45	10 11	0 20	2 18	1 4	19 0	1 0	22 53	0 20	8 32	1 37	23 31	0 11	21 49	0 49	15 54	7 31	2 34	2 30	24 32	13 25	7 18
S 14	3 34	12 57	2 53	10 13	0 3	2 48	1 2	19 11	1 0	22 52	0 20	8 29	1 37	23 31	0 11	21 49	0 49	15 54	7 31	2 34	2 31	24 30	13 26	7 18
M15	3 11	18 27	3 50	10 11	0n12	3 19	1 0	19 22	1 1	22 52	0 20	8 26	1 37	23 31	0 11	21 49	0 49	15 53	7 31	2 34	2 32	24 29	13 27	7 17
T 16	2 48	22 55	4 33	10 4	0 27	3 49	0 58	19 32	1 1	22 52	0 20	8 23	1 37	23 31	0 11	21 49	0 49	15 53	7 31	2 33	2 34	24 27	13 27	7 17
W17	2 25	26 11	5 2	9 54	0 40	4 20	0 56	19 43	1 2	22 51	0 20	8 20	1 37	23 31	0 11	21 49	0 49	15 53	7 31	2 33	2 35	24 25	13 28	7 16
T 18	2 2	28 7	5 16	9 40	0 52	4 50	0 55	19 53	1 2	22 51	0 20	8 18	1 38	23 31	0 11	21 49	0 49	15 53	7 32	2 33	2 36	24 23	13 29	7 16
F 19	1 38	28 40	5 15	9 22	1 3	5 21	0 53	20 4	1 3	22 50	0 20	8 15	1 38	23 31	0 11	21 49	0 49	15 53	7 32	2 33	2 37	24 21	13 30	7 15
S 20	1 15	27 52	5 1	9 1	1 13	5 51	0 51	20 14	1 3	22 50	0 20	8 12	1 38	23 31	0 11	21 49	0 49	15 53	7 32	2 33	2 39	24 19	13 30	7 15
S 21	0 52	25 48	4 34	8 36	1 22	6 21	0 48	20 24	1 4	22 50	0 19	8 9	1 38	23 31	0 11	21 50	0 49	15 53	7 32	2 33	2 40	24 17	13 31	7 14
M22	0 29	22 37	3 55	8 8	1 29	6 51	0 46	20 34	1 4	22 49	0 19	8 7	1 38	23 31	0 11	21 50	0 49	15 53	7 32	2 33	2 41	24 15	13 32	7 14
T 23	0 5	18 28	3 6	7 38	1 35	7 21	0 44	20 44	1 5	22 49	0 19	8 4	1 38	23 31	0 11	21 50	0 49	15 53	7 32	2 33	2 43	24 13	13 32	7 13
W24	0s18	13 34	2 9	7 5	1 41	7 51	0 42	20 53	1 5	22 49	0 19	8 1	1 38	23 31	0 11	21 50	0 48	15 52	7 32	2 33	2 44	24 11	13 33	7 13
T 25	0 41	8 5	1 4	6 29	1 45	8 20	0 40	21 3	1 5	22 48	0 19	7 58	1 38	23 31	0 11	21 50	0 48	15 52	7 32	2 32	2 45	24 9	13 34	7 12
F 26	1 5	2 12	0s 4	5 52	1 48	8 50	0 37	21 12	1 6	22 48	0 19	7 56	1 38	23 31	0 11	21 50	0 48	15 52	7 33	2 32	2 46	24 7	13 34	7 12
S 27	1 28	3s52	1 13	5 13	1 50	9 19	0 35	21 21	1 6	22 48	0 19	7 53	1 38	23 31	0 11	21 50	0 48	15 52	7 33	2 32	2 48	24 5	13 35	7 11
S 28	1 51	9 53	2 20	4 32	1 51	9 48	0 33	21 30	1 7	22 47	0 19	7 50	1 39	23 31	0 11	21 50	0 48	15 52	7 33	2 33	2 49	24 3	13 36	7 11
M29	2 15	16 36	3 21	3 50	1 52	10 17	0 30	21 39	1 7	22 47	0 19	7 47	1 39	23 31	0 11	21 50	0 48	15 52	7 33	2 33	2 50	24 1	13 36	7 10
T 30	2s38	20s41	4s11	3n 6	1n52	10s45	0n28	21s48	1s 8	22n47	0s19	7n45	1n39	23s31	0s11	21s50	0n48	15n52	7s33	2s34	2s51	23n59	13s37	7n10

Julian Day Number = 2508400.5, Delta T = 125.63 sec
Ecliptic obliquity = 23°25'18, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°54'56, Lahiri = 26°01'56

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2155
geocentric

OCTOBER 2155 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 38 1	7♎36'45	29♏44	28♍18	0♏26	3♐26	9♋28	14♍17	25♐21	14♑31	28°R17	23°R30	22♓45	0♌41	27°R30	W 1
T 2	0 41 58	8°35'40	13♐29	0♎ 7	1°40	4° 8	9°33	14°24	25°23	14°31	28♊17	23♓29	22°42	0°48	27♑30	T 2
F 3	0 45 54	9°34'37	27°24	1°56	2°54	4°50	9°38	14°31	25°24	14°32	28°17	23°28	22°39	0°55	27°30	F 3
S 4	0 49 51	10°33'35	11♑29	3°44	4° 8	5°32	9°43	14°39	25°26	14°32	28°17	23°D27	22°35	1° 1	27°30	S 4
S 5	0 53 47	11°32'36	25°42	5°33	5°22	6°14	9°47	14°46	25°27	14°32	28°17	23°28	22°32	1° 8	27°D30	S 5
M 6	0 57 44	12°31'38	10♒ 0	7°21	6°36	6°56	9°52	14°53	25°29	14°32	28°17	23°29	22°29	1°15	27°30	M 6
T 7	1 1 40	13°30'41	24°21	9° 9	7°50	7°38	9°56	15° 0	25°31	14°33	28°17	23°30	22°26	1°21	27°30	T 7
W 8	1 5 37	14°29'46	8♓42	10°56	9° 4	8°21	10° 0	15° 7	25°32	14°33	28°16	23°31	22°23	1°28	27°30	W 8
T 9	1 9 34	15°28'54	22°58	12°43	10°18	9° 3	10° 4	15°13	25°34	14°33	28°16	23°R32	22°19	1°35	27°31	T 9
F 10	1 13 30	16°28'03	7♈ 5	14°29	11°32	9°46	10° 8	15°20	25°36	14°34	28°16	23°31	22°16	1°41	27°31	F 10
S 11	1 17 27	17°27'14	20°59	16°14	12°45	10°28	10°12	15°27	25°38	14°34	28°16	23°29	22°13	1°48	27°31	S 11
S 12	1 21 23	18°26'27	4♉37	17°58	13°59	11°11	10°15	15°34	25°40	14°35	28°15	23°26	22°10	1°55	27°32	S 12
M13	1 25 20	19°25'42	17°56	19°42	15°13	11°54	10°18	15°41	25°41	14°35	28°15	23°23	22° 7	2° 1	27°32	M13
T 14	1 29 16	20°24'59	0♊55	21°25	16°27	12°37	10°21	15°47	25°43	14°36	28°15	23°18	22° 4	2° 8	27°33	T 14
W15	1 33 13	21°24'19	13°34	23° 7	17°41	13°20	10°24	15°54	25°45	14°37	28°14	23°14	22° 0	2°15	27°34	W15
T 16	1 37 9	22°23'41	25°56	24°49	18°54	14° 3	10°27	16° 1	25°48	14°37	28°14	23°10	21°57	2°22	27°35	T 16
F 17	1 41 6	23°23'05	8♋ 3	26°30	20° 8	14°46	10°29	16° 7	25°50	14°38	28°14	23° 8	21°54	2°28	27°36	F 17
S 18	1 45 3	24°22'32	20° 1	28°10	21°22	15°29	10°32	16°14	25°52	14°39	28°13	23°D 7	21°51	2°35	27°37	S 18
S 19	1 48 59	25°22'01	1♌52	29°50	22°36	16°13	10°34	16°20	25°54	14°39	28°13	23° 7	21°48	2°42	27°38	S 19
M20	1 52 56	26°21'32	13°43	1♏28	23°49	16°56	10°36	16°27	25°56	14°40	28°12	23° 8	21°45	2°48	27°39	M20
T 21	1 56 52	27°21'05	25°39	3° 6	25° 3	17°40	10°37	16°33	25°58	14°41	28°12	23°10	21°41	2°55	27°40	T 21
W22	2 0 49	28°20'41	7♍43	4°44	26°17	18°23	10°39	16°40	26° 1	14°42	28°11	23°11	21°38	3° 2	27°41	W22
T 23	2 4 45	29°20'18	20° 1	6°21	27°31	19° 7	10°40	16°46	26° 3	14°42	28°11	23°R12	21°35	3° 8	27°42	T 23
F 24	2 8 42	0♏19'58	2♎35	7°57	28°44	19°51	10°41	16°52	26° 5	14°43	28°10	23°12	21°32	3°15	27°44	F 24
S 25	2 12 38	1°19'40	15°28	9°33	29°58	20°34	10°42	16°58	26° 8	14°44	28°10	23°10	21°29	3°22	27°45	S 25
S 26	2 16 35	2°19'24	28°40	11° 8	1♐12	21°18	10°43	17° 4	26°10	14°45	28° 9	23° 6	21°25	3°28	27°47	S 26
M27	2 20 32	3°19'11	12♏11	12°42	2°26	22° 2	10°44	17°10	26°13	14°46	28° 9	23° 0	21°22	3°35	27°48	M27
T 28	2 24 28	4°18'59	25°58	14°16	3°39	22°46	10°44	17°16	26°15	14°47	28° 8	22°53	21°19	3°42	27°50	T 28
W29	2 28 25	5°18'49	9♐58	15°50	4°53	23°30	10°R44	17°22	26°18	14°48	28° 7	22°46	21°16	3°48	27°52	W29
T 30	2 32 21	6°18'41	24° 5	17°23	6° 7	24°15	10°44	17°28	26°21	14°49	28° 7	22°40	21°13	3°55	27°54	T 30
F 31	2 36 18	7♏18'34	8♑18	18♏55	7♐20	24♐59	10♋44	17♍34	26♐23	14♑50	28♊ 6	22♓35	21♓10	4♌ 2	27♑56	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	3 s 1	24 s47	4 s49	2n22	1n51	11 s13	0n25	21 s56	1 s 8	22n46	0 s19	7n42	1n39	23 s31	0 s11	21 s50	0n48	15n52	7 s33	2 s35	2 s53	23n57	13 s37	7n 9
T 2	3 24	27 33	5 11	1 38	1 49	11 42	0 23	22 4	1 8	22 46	0 19	7 39	1 39	23 31	0 11	21 50	0 48	15 51	7 33	2 35	2 54	23 55	13 38	7 9
F 3	3 48	28 39	5 15	0 52	1 47	12 9	0 20	22 13	1 9	22 46	0 19	7 37	1 39	23 31	0 11	21 50	0 48	15 51	7 33	2 36	2 55	23 53	13 38	7 8
S 4	4 11	27 55	5 0	0 6	1 44	12 37	0 18	22 21	1 9	22 45	0 19	7 34	1 39	23 31	0 11	21 50	0 48	15 51	7 33	2 36	2 56	23 51	13 39	7 8
S 5	4 34	25 22	4 27	0 s40	1 41	13 4	0 15	22 28	1 9	22 45	0 19	7 32	1 39	23 31	0 11	21 50	0 48	15 51	7 34	2 36	2 58	23 49	13 40	7 7
M 6	4 57	21 13	3 37	1 26	1 37	13 31	0 12	22 36	1 10	22 45	0 19	7 29	1 40	23 31	0 11	21 50	0 48	15 51	7 34	2 35	2 59	23 47	13 40	7 7
T 7	5 20	15 49	2 34	2 12	1 33	13 58	0 10	22 43	1 10	22 44	0 19	7 26	1 40	23 32	0 11	21 50	0 48	15 51	7 34	2 35	3 0	23 45	13 41	7 6
W 8	5 43	9 33	1 21	2 58	1 28	14 24	0 7	22 50	1 10	22 44	0 19	7 24	1 40	23 32	0 11	21 50	0 48	15 51	7 34	2 34	3 1	23 43	13 41	7 6
T 9	6 5	2 50	0 3	3 44	1 24	14 50	0 4	22 57	1 11	22 44	0 18	7 21	1 40	23 32	0 11	21 50	0 48	15 51	7 34	2 34	3 3	23 41	13 42	7 5
F 10	6 28	3n57	1n14	4 30	1 18	15 15	0 2	23 4	1 11	22 44	0 18	7 19	1 40	23 32	0 11	21 50	0 48	15 50	7 34	2 34	3 4	23 39	13 42	7 4
S 11	6 51	10 26	2 25	5 15	1 13	15 40	0 s 1	23 11	1 11	22 44	0 18	7 16	1 40	23 32	0 11	21 50	0 48	15 50	7 34	2 35	3 5	23 37	13 42	7 4
S 12	7 13	16 18	3 27	6 0	1 7	16 5	0 4	23 17	1 12	22 43	0 18	7 14	1 40	23 32	0 11	21 50	0 48	15 50	7 34	2 36	3 6	23 35	13 43	7 3
M13	7 36	21 15	4 15	6 45	1 1	16 30	0 7	23 23	1 12	22 43	0 18	7 11	1 41	23 32	0 11	21 50	0 48	15 50	7 35	2 38	3 8	23 33	13 43	7 3
T 14	7 58	25 3	4 50	7 29	0 55	16 54	0 10	23 29	1 12	22 43	0 18	7 9	1 41	23 32	0 11	21 50	0 48	15 50	7 35	2 39	3 9	23 30	13 44	7 2
W15	8 20	27 31	5 9	8 13	0 49	17 17	0 12	23 35	1 13	22 43	0 18	7 6	1 41	23 32	0 11	21 50	0 48	15 50	7 35	2 41	3 10	23 28	13 44	7 2
T 16	8 43	28 34	5 13	8 56	0 43	17 40	0 15	23 41	1 13	22 43	0 18	7 4	1 41	23 32	0 11	21 50	0 48	15 50	7 35	2 42	3 11	23 26	13 45	7 1
F 17	9 5	28 12	5 2	9 39	0 36	18 3	0 18	23 46	1 13	22 43	0 18	7 2	1 41	23 32	0 11	21 50	0 48	15 50	7 35	2 43	3 13	23 24	13 45	7 1
S 18	9 27	26 32	4 39	10 21	0 30	18 25	0 21	23 51	1 13	22 42	0 18	6 59	1 41	23 32	0 11	21 50	0 48	15 50	7 35	2 44	3 14	23 22	13 45	7 0
S 19	9 48	23 42	4 4	11 3	0 23	18 47	0 24	23 56	1 14	22 42	0 18	6 57	1 42	23 32	0 11	21 50	0 48	15 49	7 35	2 44	3 15	23 20	13 46	7 0
M20	10 10	19 52	3 19	11 43	0 16	19 9	0 26	24 0	1 14	22 42	0 18	6 54	1 42	23 32	0 11	21 50	0 48	15 49	7 35	2 43	3 16	23 18	13 46	6 59
T 21	10 31	15 14	2 25	12 23	0 10	19 29	0 29	24 5	1 14	22 42	0 18	6 52	1 42	23 32	0 11	21 50	0 47	15 49	7 35	2 43	3 18	23 16	13 46	6 59
W22	10 53	9 58	1 23	13 3	0 3	19 50	0 32	24 9	1 14	22 42	0 18	6 50	1 42	23 32	0 11	21 50	0 47	15 49	7 36	2 42	3 19	23 14	13 46	6 58
T 23	11 14	4 13	0 17	13 41	0 s 4	20 9	0 35	24 13	1 15	22 42	0 18	6 48	1 42	23 33	0 11	21 50	0 47	15 49	7 36	2 42	3 20	23 11	13 47	6 57
F 24	11 35	1 s48	0 s51	14 19	0 11	20 29	0 38	24 17	1 15	22 42	0 18	6 45	1 42	23 33	0 11	21 49	0 47	15 49	7 36	2 42	3 21	23 9	13 47	6 57
S 25	11 56	7 54	1 58	14 56	0 18	20 47	0 41	24 20	1 15	22 42	0 17	6 43	1 43	23 33	0 11	21 49	0 47	15 49	7 36	2 43	3 23	23 7	13 47	6 56
S 26	12 16	13 48	3 1	15 33	0 25	21 6	0 43	24 23	1 15	22 42	0 17	6 41	1 43	23 33	0 11	21 49	0 47	15 49	7 36	2 44	3 24	23 5	13 47	6 56
M27	12 37	19 12	3 54	16 8	0 31	21 23	0 46	24 26	1 15	22 42	0 17	6 39	1 43	23 33	0 11	21 49	0 47	15 49	7 36	2 47	3 25	23 3	13 48	6 55
T 28	12 57	23 41	4 35	16 43	0 38	21 40	0 49	24 29	1 16	22 42	0 17	6 36	1 43	23 33	0 11	21 49	0 47	15 48	7 36	2 49	3 26	23 1	13 48	6 55
W29	13 17	26 53	5 1	17 17	0 45	21 56	0 52	24 31	1 16	22 42	0 17	6 34	1 43	23 33	0 11	21 49	0 47	15 48	7 36	2 52	3 28	22 58	13 48	6 54
T 30	13 37	28 25	5 8	17 50	0 51	22 12	0 54	24 34	1 16	22 42	0 17	6 32	1 44	23 33	0 11	21 49	0 47	15 48	7 36	2 55	3 29	22 56	13 48	6 54
F 31	13 s56	28 s 6	4 s57	18 s22	0 s58	22 s27	0 s57	24 s36	1 s16	22n42	0 s17	6n30	1n44	23 s33	0 s11	21 s49	0n47	15n48	7 s36	2 s57	3 s30	22n54	13 s48	6n53

Julian Day Number = 2508430.5, Delta T = 125.69 sec
Ecliptic obliquity = 23°25'18, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°55'00, Lahiri = 26°02'00

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2155
geocentric

NOVEMBER 2155 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 40 14	8♏18'30	22♑31	20♏27	8♐34	25♐43	10°R43	17♍40	26♐26	14♑52	28°R 5	22°R32	21♓ 6	4♌ 9	27♑58	S 1
S 2	2 44 11	9°18'26	6♒42	21°58	9°47	26°28	10♋43	17°45	26°29	14°53	28♊ 5	22°D31	21° 3	4°15	28° 0	S 2
M 3	2 48 7	10°18'25	20°49	23°29	11° 1	27°12	10°42	17°51	26°31	14°54	28° 4	22♓31	21° 0	4°22	28° 2	M 3
T 4	2 52 4	11°18'25	4♓50	25° 0	12°15	27°57	10°41	17°56	26°34	14°55	28° 3	22°32	20°57	4°29	28° 4	T 4
W 5	2 56 1	12°18'26	18°46	26°30	13°28	28°41	10°39	18° 2	26°37	14°56	28° 2	22°R33	20°54	4°35	28° 6	W 5
T 6	2 59 57	13°18'29	2♈35	27°59	14°42	29°26	10°38	18° 7	26°40	14°58	28° 2	22°33	20°51	4°42	28° 9	T 6
F 7	3 3 54	14°18'34	16°15	29°28	15°55	0♑11	10°36	18°13	26°43	14°59	28° 1	22°30	20°47	4°49	28°11	F 7
S 8	3 7 50	15°18'40	29°45	0♐56	17° 9	0°56	10°34	18°18	26°46	15° 0	28° 0	22°25	20°44	4°55	28°14	S 8
S 9	3 11 47	16°18'48	13♉ 3	2°24	18°22	1°41	10°32	18°23	26°49	15° 2	27°59	22°18	20°41	5° 2	28°16	S 9
M10	3 15 43	17°18'58	26° 8	3°52	19°36	2°25	10°30	18°28	26°52	15° 3	27°58	22° 8	20°38	5° 9	28°19	M10
T 11	3 19 40	18°19'10	8♊57	5°19	20°49	3°10	10°27	18°33	26°55	15° 5	27°58	21°58	20°35	5°15	28°21	T 11
W12	3 23 36	19°19'24	21°30	6°45	22° 2	3°56	10°25	18°38	26°58	15° 6	27°57	21°47	20°31	5°22	28°24	W12
T 13	3 27 33	20°19'39	3♋49	8°11	23°16	4°41	10°22	18°43	27° 1	15° 7	27°56	21°38	20°28	5°29	28°27	T 13
F 14	3 31 30	21°19'57	15°55	9°35	24°29	5°26	10°19	18°48	27° 4	15° 9	27°55	21°30	20°25	5°35	28°30	F 14
S 15	3 35 26	22°20'16	27°51	11° 0	25°43	6°11	10°16	18°53	27° 7	15°10	27°54	21°24	20°22	5°42	28°33	S 15
S 16	3 39 23	23°20'37	9♌42	12°23	26°56	6°56	10°12	18°57	27°10	15°12	27°53	21°21	20°19	5°49	28°36	S 16
M17	3 43 19	24°21'01	21°31	13°46	28° 9	7°42	10° 9	19° 2	27°13	15°14	27°52	21°D20	20°16	5°56	28°39	M17
T 18	3 47 16	25°21'26	3♍25	15° 7	29°22	8°27	10° 5	19° 6	27°17	15°15	27°51	21°20	20°12	6° 2	28°42	T 18
W19	3 51 12	26°21'53	15°28	16°28	0♑36	9°13	10° 1	19°11	27°20	15°17	27°50	21°R20	20° 9	6° 9	28°45	W19
T 20	3 55 9	27°22'21	27°47	17°47	1°49	9°58	9°57	19°15	27°23	15°18	27°49	21°20	20° 6	6°16	28°48	T 20
F 21	3 59 5	28°22'52	10♎25	19° 5	3° 2	10°44	9°52	19°19	27°26	15°20	27°48	21°19	20° 3	6°22	28°51	F 21
S 22	4 3 2	29°23'24	23°26	20°21	4°15	11°30	9°48	19°23	27°30	15°22	27°47	21°15	20° 0	6°29	28°55	S 22
S 23	4 6 59	0♐23'58	6♏52	21°36	5°29	12°15	9°43	19°27	27°33	15°24	27°46	21° 8	19°57	6°36	28°58	S 23
M24	4 10 55	1°24'34	20°43	22°49	6°42	13° 1	9°38	19°31	27°36	15°25	27°45	20°58	19°53	6°42	29° 2	M24
T 25	4 14 52	2°25'11	4♐55	23°59	7°55	13°47	9°33	19°35	27°40	15°27	27°44	20°47	19°50	6°49	29° 5	T 25
W26	4 18 48	3°25'50	19°23	25° 7	9° 8	14°33	9°28	19°39	27°43	15°29	27°43	20°36	19°47	6°56	29° 9	W26
T 27	4 22 45	4°26'30	4♑ 0	26°12	10°21	15°19	9°22	19°42	27°46	15°31	27°42	20°25	19°44	7° 2	29°12	T 27
F 28	4 26 41	5°27'12	18°38	27°14	11°34	16° 5	9°17	19°46	27°50	15°32	27°41	20°16	19°41	7° 9	29°16	F 28
S 29	4 30 38	6°27'54	3♒11	28°12	12°47	16°51	9°11	19°50	27°53	15°34	27°40	20° 9	19°37	7°16	29°20	S 29
S 30	4 34 35	7♐28'38	17♒33	29♐ 6	14♑ 0	17♑37	9♋ 5	19♍53	27♐57	15♑36	27♊39	20♓ 6	19♓34	7♌22	29♑23	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s16	25s56	4s28	18s53	1s 4	22s42	1s 0	24s37	1s16	22n42	0s17	6n28	1n44	23s33	0s11	21s49	0n47	15n48	7s36	2s58	3s31	22n52	13s48	6n53
S 2	14 35	22 10	3 42	19 23	1 11	22 56	1 2	24 39	1 16	22 43	0 17	6 26	1 44	23 33	0 11	21 49	0 47	15 48	7 37	2 58	3 33	22 50	13 49	6 52
M 3	14 54	17 7	2 43	19 52	1 17	23 9	1 5	24 40	1 16	22 43	0 17	6 24	1 44	23 33	0 11	21 49	0 47	15 48	7 37	2 58	3 34	22 47	13 49	6 52
T 4	15 13	11 11	1 34	20 20	1 23	23 22	1 8	24 41	1 17	22 43	0 17	6 22	1 44	23 33	0 11	21 49	0 47	15 48	7 37	2 58	3 35	22 45	13 49	6 51
W 5	15 31	4 45	0 20	20 48	1 29	23 34	1 10	24 42	1 17	22 43	0 17	6 20	1 45	23 34	0 11	21 48	0 47	15 48	7 37	2 57	3 36	22 43	13 49	6 51
T 6	15 49	1n51	0n54	21 14	1 35	23 45	1 13	24 42	1 17	22 43	0 17	6 18	1 45	23 34	0 11	21 48	0 47	15 48	7 37	2 57	3 38	22 41	13 49	6 50
F 7	16 7	8 17	2 4	21 39	1 40	23 56	1 15	24 42	1 17	22 44	0 16	6 16	1 45	23 34	0 11	21 48	0 47	15 48	7 37	2 58	3 39	22 38	13 49	6 50
S 8	16 25	14 16	3 6	22 3	1 46	24 6	1 18	24 42	1 17	22 44	0 16	6 14	1 45	23 34	0 11	21 48	0 47	15 47	7 37	3 0	3 40	22 36	13 49	6 49
S 9	16 42	19 30	3 57	22 26	1 51	24 15	1 20	24 42	1 17	22 44	0 16	6 13	1 46	23 34	0 11	21 48	0 47	15 47	7 37	3 3	3 41	22 34	13 49	6 49
M10	16 59	23 42	4 34	22 48	1 56	24 23	1 23	24 41	1 17	22 44	0 16	6 11	1 46	23 34	0 11	21 48	0 47	15 47	7 37	3 7	3 43	22 32	13 49	6 48
T 11	17 16	26 39	4 57	23 9	2 1	24 31	1 25	24 40	1 17	22 45	0 16	6 9	1 46	23 34	0 11	21 48	0 47	15 47	7 37	3 11	3 44	22 30	13 49	6 48
W12	17 33	28 13	5 4	23 29	2 5	24 38	1 27	24 39	1 17	22 45	0 16	6 7	1 46	23 34	0 11	21 48	0 47	15 47	7 37	3 15	3 45	22 27	13 49	6 47
T 13	17 49	28 19	4 58	23 47	2 10	24 45	1 30	24 38	1 17	22 45	0 16	6 6	1 46	23 34	0 11	21 47	0 47	15 47	7 37	3 19	3 46	22 25	13 49	6 47
F 14	18 5	27 4	4 38	24 5	2 14	24 50	1 32	24 36	1 17	22 45	0 16	6 4	1 47	23 34	0 11	21 47	0 47	15 47	7 37	3 22	3 48	22 23	13 49	6 46
S 15	18 20	24 35	4 6	24 21	2 17	24 55	1 34	24 34	1 17	22 46	0 16	6 2	1 47	23 34	0 11	21 47	0 47	15 47	7 37	3 24	3 49	22 20	13 48	6 46
S 16	18 36	21 4	3 23	24 35	2 21	24 59	1 36	24 32	1 17	22 46	0 16	6 1	1 47	23 34	0 11	21 47	0 47	15 47	7 37	3 26	3 50	22 18	13 48	6 45
M17	18 51	16 43	2 32	24 49	2 24	25 3	1 38	24 29	1 18	22 47	0 16	5 59	1 47	23 34	0 11	21 47	0 47	15 47	7 38	3 26	3 51	22 16	13 48	6 45
T 18	19 5	11 43	1 34	25 1	2 27	25 5	1 40	24 26	1 18	22 47	0 15	5 57	1 48	23 34	0 11	21 47	0 47	15 47	7 38	3 26	3 53	22 14	13 48	6 45
W19	19 20	6 12	0 31	25 12	2 29	25 7	1 42	24 23	1 18	22 47	0 15	5 56	1 48	23 35	0 11	21 47	0 47	15 47	7 38	3 26	3 54	22 11	13 48	6 44
T 20	19 33	0 22	0s34	25 22	2 31	25 9	1 44	24 20	1 18	22 48	0 15	5 54	1 48	23 35	0 11	21 46	0 47	15 47	7 38	3 26	3 55	22 9	13 48	6 44
F 21	19 47	5s39	1 40	25 30	2 32	25 9	1 46	24 17	1 18	22 48	0 15	5 53	1 48	23 35	0 11	21 46	0 46	15 47	7 38	3 27	3 56	22 7	13 47	6 43
S 22	20 0	11 36	2 42	25 37	2 33	25 9	1 48	24 13	1 18	22 49	0 15	5 52	1 48	23 35	0 11	21 46	0 46	15 46	7 38	3 28	3 58	22 4	13 47	6 43
S 23	20 13	17 13	3 37	25 43	2 34	25 8	1 49	24 9	1 17	22 49	0 15	5 50	1 49	23 35	0 11	21 46	0 46	15 46	7 38	3 31	3 59	22 2	13 47	6 42
M24	20 26	22 6	4 21	25 47	2 33	25 6	1 51	24 4	1 17	22 49	0 15	5 49	1 49	23 35	0 11	21 46	0 46	15 46	7 38	3 35	4 0	22 0	13 47	6 42
T 25	20 38	25 51	4 50	25 49	2 33	25 4	1 53	24 0	1 17	22 50	0 15	5 48	1 49	23 35	0 11	21 46	0 46	15 46	7 38	3 39	4 1	21 57	13 46	6 42
W26	20 49	28 0	5 1	25 51	2 31	25 0	1 54	23 55	1 17	22 50	0 15	5 46	1 49	23 35	0 11	21 45	0 46	15 46	7 38	3 44	4 3	21 55	13 46	6 41
T 27	21 1	28 14	4 53	25 51	2 29	24 56	1 56	23 49	1 17	22 51	0 15	5 45	1 50	23 35	0 11	21 45	0 46	15 46	7 38	3 48	4 4	21 53	13 46	6 41
F 28	21 12	26 31	4 26	25 49	2 26	24 52	1 57	23 44	1 17	22 51	0 14	5 44	1 50	23 35	0 11	21 45	0 46	15 46	7 38	3 51	4 5	21 50	13 45	6 40
S 29	21 22	23 1	3 41	25 46	2 22	24 46	1 58	23 38	1 17	22 52	0 14	5 43	1 50	23 35	0 11	21 45	0 46	15 46	7 38	3 54	4 6	21 48	13 45	6 40
S 30	21s32	18s 9	2s43	25s42	2s17	24s40	1s59	23s32	1s17	22n52	0s14	5n42	1n50	23s35	0s11	21s45	0n46	15n46	7s38	3s55	4s 8	21n46	13s45	6n40

Julian Day Number = 2508461.5, Delta T = 125.75 sec
Ecliptic obliquity = 23°25'17, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°55'04, Lahiri = 26°02'05

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2155
geocentric

DECEMBER 2155 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 38 31	8♐29'22	1♓43	29♐55	15♑13	18♑23	8°R59	19♍56	28♐ 0	15♑38	27°R38	20°R 5	19♓31	7♌29	29♑27	M 1
T 2	4 42 28	9°30'08	15°39	0♑38	16°26	19° 9	8♋53	19°59	28° 4	15°40	27♊37	20♓ 4	19°28	7°36	29°31	T 2
W 3	4 46 24	10°30'54	29°20	1°15	17°39	19°56	8°47	20° 3	28° 7	15°42	27°35	20° 4	19°25	7°42	29°35	W 3
T 4	4 50 21	11°31'41	12♈49	1°45	18°51	20°42	8°40	20° 6	28°11	15°44	27°34	20° 3	19°22	7°49	29°39	T 4
F 5	4 54 17	12°32'29	26° 7	2° 8	20° 4	21°28	8°34	20° 8	28°14	15°46	27°33	19°59	19°18	7°56	29°43	F 5
S 6	4 58 14	13°33'19	9♉13	2°22	21°17	22°14	8°27	20°11	28°18	15°48	27°32	19°51	19°15	8° 2	29°47	S 6
S 7	5 2 10	14°34'09	22° 9	2°R26	22°29	23° 1	8°20	20°14	28°21	15°50	27°31	19°41	19°12	8° 9	29°51	S 7
M 8	5 6 7	15°35'00	4♊53	2°20	23°42	23°47	8°13	20°17	28°25	15°52	27°30	19°29	19° 9	8°16	29°55	M 8
T 9	5 10 4	16°35'52	17°27	2° 4	24°55	24°34	8° 6	20°19	28°29	15°54	27°29	19°14	19° 6	8°23	29°59	T 9
W10	5 14 0	17°36'46	29°49	1°36	26° 7	25°20	7°59	20°21	28°32	15°56	27°27	19° 0	19° 3	8°29	0♒ 4	W10
T 11	5 17 57	18°37'40	12♋ 0	0°57	27°20	26° 7	7°52	20°24	28°36	15°58	27°26	18°46	18°59	8°36	0° 8	T 11
F 12	5 21 53	19°38'35	24° 2	0° 6	28°32	26°53	7°44	20°26	28°39	16° 0	27°25	18°35	18°56	8°43	0°12	F 12
S 13	5 25 50	20°39'32	5♌55	29♐ 6	29°44	27°40	7°37	20°28	28°43	16° 2	27°24	18°26	18°53	8°49	0°17	S 13
S 14	5 29 46	21°40'29	17°44	27°56	0♒57	28°27	7°29	20°30	28°47	16° 4	27°23	18°20	18°50	8°56	0°21	S 14
M15	5 33 43	22°41'28	29°31	26°40	2° 9	29°13	7°22	20°32	28°50	16° 6	27°22	18°17	18°47	9° 3	0°26	M15
T 16	5 37 39	23°42'27	11♍23	25°19	3°21	0♒ 0	7°14	20°34	28°54	16° 8	27°20	18°16	18°43	9° 9	0°30	T 16
W17	5 41 36	24°43'28	23°23	23°56	4°33	0°47	7° 6	20°35	28°57	16°11	27°19	18°16	18°40	9°16	0°35	W17
T 18	5 45 33	25°44'30	5♎38	22°34	5°45	1°34	6°59	20°37	29° 1	16°13	27°18	18°16	18°37	9°23	0°39	T 18
F 19	5 49 29	26°45'32	18°13	21°15	6°57	2°20	6°51	20°38	29° 5	16°15	27°17	18°14	18°34	9°29	0°44	F 19
S 20	5 53 26	27°46'36	1♏13	20° 3	8° 9	3° 7	6°43	20°40	29° 8	16°17	27°16	18°10	18°31	9°36	0°49	S 20
S 21	5 57 22	28°47'41	14°41	18°58	9°21	3°54	6°35	20°41	29°12	16°19	27°15	18° 4	18°28	9°43	0°53	S 21
M22	6 1 19	29°48'46	28°38	18° 3	10°32	4°41	6°27	20°42	29°16	16°21	27°13	17°55	18°24	9°49	0°58	M22
T 23	6 5 15	0♑49'52	13♐ 3	17°19	11°44	5°28	6°19	20°43	29°19	16°24	27°12	17°43	18°21	9°56	1° 3	T 23
W24	6 9 12	1°50'59	27°49	16°45	12°56	6°15	6°10	20°44	29°23	16°26	27°11	17°32	18°18	10° 3	1° 7	W24
T 25	6 13 8	2°52'07	12♑48	16°22	14° 7	7° 2	6° 2	20°45	29°27	16°28	27°10	17°20	18°15	10° 9	1°12	T 25
F 26	6 17 5	3°53'15	27°52	16°10	15°19	7°49	5°54	20°45	29°30	16°30	27° 9	17°11	18°12	10°16	1°17	F 26
S 27	6 21 2	4°54'23	12♒50	16°D 8	16°30	8°36	5°46	20°46	29°34	16°33	27° 8	17° 4	18° 9	10°23	1°22	S 27
S 28	6 24 58	5°55'31	27°34	16°16	17°41	9°23	5°38	20°46	29°37	16°35	27° 6	17° 0	18° 5	10°29	1°27	S 28
M29	6 28 55	6°56'40	11♓59	16°32	18°53	10°10	5°30	20°47	29°41	16°37	27° 5	16°D59	18° 2	10°36	1°32	M29
T 30	6 32 51	7°57'48	26° 3	16°56	20° 4	10°57	5°22	20°47	29°45	16°39	27° 4	16°59	17°59	10°43	1°37	T 30
W31	6 36 48	8♑58'56	9♈45	17♐27	21♒15	11♒45	5♋13	20♍47	29♐48	16♑42	27♊ 3	16°R59	17♓56	10♌49	1♒41	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21s42	12s21	1s36	25s36	2s11	24s33	2s 1	23s26	1s17	22n53	0s14	5n41	1n51	23s35	0s11	21s44	0n46	15n46	7s38	3s56	4s 9	21n43	13s44	6n39
T 2	21 52	6 1	0 23	25 29	2 4	24 25	2 2	23 19	1 17	22 53	0 14	5 40	1 51	23 35	0 11	21 44	0 46	15 46	7 38	3 56	4 10	21 41	13 44	6 39
W 3	22 0	0n29	0n49	25 21	1 56	24 17	2 3	23 13	1 17	22 54	0 14	5 39	1 51	23 35	0 11	21 44	0 46	15 46	7 38	3 56	4 11	21 38	13 43	6 38
T 4	22 9	6 52	1 57	25 11	1 47	24 8	2 4	23 6	1 17	22 54	0 14	5 38	1 51	23 35	0 11	21 44	0 46	15 46	7 38	3 56	4 13	21 36	13 43	6 38
F 5	22 17	12 50	2 58	25 0	1 36	23 58	2 4	22 58	1 17	22 55	0 14	5 37	1 52	23 36	0 11	21 44	0 46	15 46	7 38	3 58	4 14	21 34	13 42	6 38
S 6	22 25	18 10	3 48	24 48	1 24	23 48	2 5	22 51	1 16	22 56	0 14	5 36	1 52	23 36	0 11	21 43	0 46	15 46	7 38	4 1	4 15	21 31	13 42	6 37
S 7	22 32	22 34	4 26	24 34	1 11	23 37	2 6	22 43	1 16	22 56	0 13	5 35	1 52	23 36	0 11	21 43	0 46	15 46	7 38	4 5	4 16	21 29	13 42	6 37
M 8	22 39	25 51	4 50	24 20	0 56	23 25	2 6	22 35	1 16	22 57	0 13	5 34	1 52	23 36	0 11	21 43	0 46	15 46	7 38	4 10	4 18	21 26	13 41	6 37
T 9	22 45	27 48	4 59	24 4	0 40	23 12	2 7	22 26	1 16	22 57	0 13	5 34	1 53	23 36	0 11	21 43	0 46	15 46	7 38	4 15	4 19	21 24	13 40	6 36
W10	22 51	28 19	4 54	23 47	0 22	22 59	2 7	22 18	1 16	22 58	0 13	5 33	1 53	23 36	0 11	21 43	0 46	15 46	7 38	4 21	4 20	21 22	13 40	6 36
T 11	22 56	27 27	4 36	23 28	0 3	22 46	2 7	22 9	1 16	22 58	0 13	5 32	1 53	23 36	0 11	21 42	0 46	15 46	7 38	4 26	4 21	21 19	13 39	6 36
F 12	23 1	25 18	4 5	23 9	0n16	22 31	2 8	22 0	1 16	22 59	0 13	5 32	1 53	23 36	0 11	21 42	0 46	15 46	7 38	4 31	4 22	21 17	13 39	6 35
S 13	23 6	22 4	3 24	22 49	0 36	22 16	2 8	21 51	1 15	22 59	0 13	5 31	1 54	23 36	0 11	21 42	0 46	15 46	7 38	4 34	4 24	21 14	13 38	6 35
S 14	23 10	17 57	2 34	22 28	0 56	22 0	2 8	21 41	1 15	23 0	0 13	5 31	1 54	23 36	0 11	21 42	0 46	15 46	7 38	4 37	4 25	21 12	13 38	6 35
M15	23 13	13 9	1 37	22 6	1 16	21 44	2 8	21 31	1 15	23 1	0 12	5 30	1 54	23 36	0 11	21 41	0 46	15 46	7 38	4 38	4 26	21 9	13 37	6 34
T 16	23 16	7 51	0 36	21 45	1 35	21 27	2 7	21 21	1 15	23 1	0 12	5 30	1 55	23 36	0 11	21 41	0 46	15 46	7 38	4 38	4 27	21 7	13 36	6 34
W17	23 19	2 13	0s27	21 24	1 53	21 10	2 7	21 11	1 15	23 2	0 12	5 29	1 55	23 36	0 11	21 41	0 46	15 46	7 38	4 38	4 29	21 5	13 36	6 34
T 18	23 21	3s37	1 31	21 4	2 9	20 52	2 7	21 0	1 14	23 2	0 12	5 29	1 55	23 36	0 11	21 41	0 46	15 46	7 38	4 38	4 30	21 2	13 35	6 34
F 19	23 23	9 28	2 31	20 45	2 23	20 33	2 6	20 50	1 14	23 3	0 12	5 29	1 55	23 36	0 11	21 41	0 46	15 46	7 38	4 39	4 31	21 0	13 34	6 33
S 20	23 24	15 7	3 26	20 28	2 35	20 14	2 6	20 39	1 14	23 3	0 12	5 28	1 56	23 36	0 11	21 40	0 46	15 46	7 38	4 40	4 32	20 57	13 34	6 33
S 21	23 25	20 15	4 12	20 14	2 45	19 54	2 5	20 27	1 14	23 4	0 12	5 28	1 56	23 36	0 11	21 40	0 46	15 46	7 38	4 43	4 34	20 55	13 33	6 33
M22	23 25	24 28	4 44	20 2	2 52	19 34	2 4	20 16	1 13	23 4	0 12	5 28	1 56	23 36	0 11	21 40	0 46	15 46	7 38	4 47	4 35	20 52	13 32	6 33
T 23	23 25	27 18	5 0	19 53	2 56	19 13	2 3	20 4	1 13	23 5	0 11	5 28	1 56	23 36	0 11	21 40	0 46	15 46	7 37	4 51	4 36	20 50	13 31	6 32
W24	23 25	28 20	4 56	19 48	2 59	18 52	2 2	19 52	1 13	23 5	0 11	5 28	1 57	23 36	0 11	21 39	0 46	15 46	7 37	4 55	4 37	20 47	13 31	6 32
T 25	23 23	27 19	4 32	19 45	2 59	18 30	2 1	19 40	1 13	23 6	0 11	5 28	1 57	23 36	0 11	21 39	0 46	15 46	7 37	5 0	4 39	20 45	13 30	6 32
F 26	23 22	24 19	3 49	19 45	2 58	18 8	2 0	19 28	1 12	23 6	0 11	5 28	1 57	23 36	0 11	21 39	0 46	15 46	7 37	5 4	4 40	20 42	13 29	6 32
S 27	23 20	19 40	2 51	19 47	2 56	17 46	1 58	19 15	1 12	23 7	0 11	5 28	1 58	23 36	0 11	21 39	0 46	15 46	7 37	5 6	4 41	20 40	13 28	6 31
S 28	23 17	13 54	1 41	19 52	2 52	17 22	1 57	19 3	1 12	23 7	0 11	5 28	1 58	23 36	0 11	21 38	0 46	15 46	7 37	5 8	4 42	20 37	13 27	6 31
M29	23 14	7 28	0 27	19 58	2 47	16 59	1 55	18 50	1 11	23 8	0 11	5 28	1 58	23 36	0 11	21 38	0 46	15 46	7 37	5 8	4 44	20 35	13 27	6 31
T 30	23 11	0 50	0n48	20 6	2 41	16 35	1 54	18 37	1 11	23 8	0 10	5 28	1 58	23 36	0 11	21 38	0 46	15 46	7 37	5 8	4 45	20 32	13 26	6 31
W31	23s 7	5n40	1n58	20s16	2n35	16s11	1s52	18s23	1s11	23n 9	0s10	5n28	1n59	23s36	0s11	21s37	0n46	15n47	7s37	5s 8	4s46	20n30	13s25	6n31

Julian Day Number = 2508491.5, Delta T = 125.81 sec
Ecliptic obliquity = 23°25'17, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°55'08, Lahiri = 26°02'09

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2156
geocentric

JANUARY 2156 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 40 44	10♑ 0'05	23♈ 8	18♐ 4	22♒26	12♒32	5°R 5	20°R47	29♐52	16♑44	27°R 2	16°R59	17♓53	10♌56	1♒46	T 1
F 2	6 44 41	11° 1'13	6♉13	18°47	23°36	13°19	4♋57	20♍47	29°55	16°46	27♊ 1	16♓56	17°49	11° 3	1°51	F 2
S 3	6 48 37	12° 2'21	19° 4	19°35	24°47	14° 6	4°49	20°47	29°59	16°48	26°59	16°50	17°46	11° 9	1°56	S 3
S 4	6 52 34	13° 3'29	1♊42	20°28	25°57	14°53	4°41	20°46	0♑ 3	16°51	26°58	16°42	17°43	11°16	2° 1	S 4
M 5	6 56 31	14° 4'37	14° 9	21°25	27° 8	15°40	4°33	20°46	0° 6	16°53	26°57	16°31	17°40	11°23	2° 7	M 5
T 6	7 0 27	15° 5'45	26°26	22°25	28°18	16°28	4°25	20°45	0°10	16°55	26°56	16°20	17°37	11°29	2°12	T 6
W 7	7 4 24	16° 6'53	8♋35	23°29	29°28	17°15	4°18	20°45	0°13	16°57	26°55	16° 7	17°34	11°36	2°17	W 7
T 8	7 8 20	17° 8'01	20°37	24°35	0♓38	18° 2	4°10	20°44	0°17	17° 0	26°54	15°56	17°30	11°43	2°22	T 8
F 9	7 12 17	18° 9'08	2♌32	25°44	1°48	18°49	4° 2	20°43	0°20	17° 2	26°53	15°46	17°27	11°49	2°27	F 9
S 10	7 16 13	19°10'16	14°22	26°55	2°58	19°37	3°55	20°42	0°24	17° 4	26°52	15°39	17°24	11°56	2°32	S 10
S 11	7 20 10	20°11'24	26°10	28° 8	4° 8	20°24	3°47	20°41	0°27	17° 7	26°51	15°34	17°21	12° 3	2°37	S 11
M12	7 24 7	21°12'31	7♍58	29°23	5°17	21°11	3°40	20°40	0°31	17° 9	26°50	15°32	17°18	12° 9	2°42	M12
T 13	7 28 3	22°13'39	19°50	0♑39	6°26	21°58	3°32	20°38	0°34	17°11	26°48	15°D32	17°15	12°16	2°47	T 13
W14	7 32 0	23°14'46	1♎49	1°57	7°35	22°46	3°25	20°37	0°38	17°13	26°47	15°32	17°11	12°23	2°53	W14
T 15	7 35 56	24°15'54	14° 2	3°16	8°44	23°33	3°18	20°35	0°41	17°16	26°46	15°34	17° 8	12°29	2°58	T 15
F 16	7 39 53	25°17'01	26°33	4°37	9°53	24°20	3°11	20°34	0°44	17°18	26°45	15°R34	17° 5	12°36	3° 3	F 16
S 17	7 43 49	26°18'09	9♏27	5°58	11° 2	25° 8	3° 4	20°32	0°48	17°20	26°44	15°33	17° 2	12°43	3° 8	S 17
S 18	7 47 46	27°19'16	22°48	7°21	12°10	25°55	2°57	20°30	0°51	17°22	26°43	15°30	16°59	12°50	3°13	S 18
M19	7 51 42	28°20'23	6♐38	8°45	13°19	26°42	2°50	20°28	0°55	17°25	26°42	15°25	16°55	12°56	3°19	M19
T 20	7 55 39	29°21'30	20°58	10° 9	14°27	27°30	2°44	20°26	0°58	17°27	26°41	15°19	16°52	13° 3	3°24	T 20
W21	7 59 36	0♒22'37	5♑44	11°34	15°35	28°17	2°37	20°24	1° 1	17°29	26°40	15°11	16°49	13°10	3°29	W21
T 22	8 3 32	1°23'43	20°49	13° 1	16°43	29° 4	2°31	20°22	1° 4	17°31	26°39	15° 4	16°46	13°16	3°34	T 22
F 23	8 7 29	2°24'49	6♒ 5	14°27	17°50	29°52	2°25	20°20	1° 8	17°34	26°39	14°58	16°43	13°23	3°40	F 23
S 24	8 11 25	3°25'54	21°19	15°55	18°57	0♓39	2°19	20°17	1°11	17°36	26°38	14°54	16°40	13°30	3°45	S 24
S 25	8 15 22	4°26'58	6♓22	17°23	20° 5	1°26	2°13	20°15	1°14	17°38	26°37	14°52	16°36	13°36	3°50	S 25
M26	8 19 18	5°28'02	21° 7	18°52	21°11	2°13	2° 7	20°12	1°17	17°40	26°36	14°D52	16°33	13°43	3°55	M26
T 27	8 23 15	6°29'04	5♈28	20°22	22°18	3° 1	2° 2	20° 9	1°20	17°42	26°35	14°53	16°30	13°50	4° 0	T 27
W28	8 27 11	7°30'05	19°22	21°53	23°25	3°48	1°56	20° 7	1°24	17°45	26°34	14°55	16°27	13°56	4° 6	W28
T 29	8 31 8	8°31'06	2♉51	23°24	24°31	4°35	1°51	20° 4	1°27	17°47	26°33	14°R56	16°24	14° 3	4°11	T 29
F 30	8 35 5	9°32'05	15°58	24°55	25°37	5°23	1°46	20° 1	1°30	17°49	26°32	14°56	16°21	14°10	4°16	F 30
S 31	8 39 1	10♒33'03	28♉44	26♑28	26♓42	6♓10	1♋41	19♍58	1♑33	17♑51	26♊32	14♓54	16♓17	14♌16	4♒21	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s 3	11n46	3n 0	20s26	2n28	15s46	1s50	18s10	1s11	23n 9	0s10	5n28	1n59	23s36	0s11	21s37	0n46	15n47	7s37	5s 8	4s47	20n27	13s24	6n31
F 2	22 58	17 13	3 51	20 37	2 20	15 21	1 48	17 56	1 10	23 10	0 10	5 29	1 59	23 36	0 11	21 37	0 46	15 47	7 37	5 9	4 49	20 25	13 23	6 30
S 3	22 53	21 47	4 29	20 49	2 12	14 55	1 46	17 42	1 10	23 10	0 10	5 29	1 59	23 36	0 11	21 37	0 46	15 47	7 37	5 12	4 50	20 22	13 22	6 30
S 4	22 47	25 16	4 53	21 1	2 4	14 29	1 44	17 28	1 10	23 11	0 10	5 29	2 0	23 36	0 11	21 36	0 46	15 47	7 37	5 15	4 51	20 20	13 21	6 30
M 5	22 41	27 29	5 3	21 14	1 55	14 3	1 42	17 14	1 9	23 11	0 10	5 30	2 0	23 36	0 11	21 36	0 46	15 47	7 36	5 19	4 52	20 17	13 20	6 30
T 6	22 34	28 21	4 58	21 26	1 46	13 36	1 39	16 59	1 9	23 11	0 9	5 30	2 0	23 36	0 11	21 36	0 46	15 47	7 36	5 24	4 53	20 14	13 19	6 30
W 7	22 27	27 49	4 41	21 38	1 38	13 9	1 37	16 45	1 9	23 12	0 9	5 31	2 1	23 36	0 11	21 36	0 46	15 47	7 36	5 28	4 55	20 12	13 18	6 30
T 8	22 19	25 58	4 10	21 50	1 29	12 42	1 34	16 30	1 8	23 12	0 9	5 31	2 1	23 36	0 11	21 35	0 46	15 47	7 36	5 33	4 56	20 9	13 17	6 29
F 9	22 11	22 58	3 29	22 1	1 20	12 15	1 31	16 15	1 8	23 13	0 9	5 32	2 1	23 37	0 11	21 35	0 46	15 47	7 36	5 36	4 57	20 7	13 16	6 29
S 10	22 3	19 2	2 39	22 12	1 11	11 47	1 28	16 0	1 7	23 13	0 9	5 33	2 1	23 37	0 11	21 35	0 46	15 47	7 36	5 39	4 58	20 4	13 15	6 29
S 11	21 54	14 23	1 42	22 22	1 2	11 19	1 25	15 44	1 7	23 13	0 9	5 33	2 2	23 37	0 11	21 34	0 46	15 47	7 36	5 41	5 0	20 2	13 14	6 29
M12	21 45	9 12	0 41	22 32	0 53	10 51	1 22	15 29	1 7	23 14	0 8	5 34	2 2	23 37	0 11	21 34	0 46	15 47	7 36	5 42	5 1	19 59	13 13	6 29
T 13	21 35	3 40	0s23	22 40	0 45	10 22	1 19	15 13	1 6	23 14	0 8	5 35	2 2	23 37	0 11	21 34	0 46	15 48	7 36	5 42	5 2	19 56	13 12	6 29
W14	21 25	2s 3	1 27	22 48	0 36	9 53	1 16	14 57	1 6	23 14	0 8	5 35	2 2	23 37	0 11	21 34	0 46	15 48	7 35	5 42	5 3	19 54	13 11	6 29
T 15	21 15	7 48	2 27	22 55	0 28	9 24	1 12	14 41	1 5	23 15	0 8	5 36	2 3	23 36	0 11	21 33	0 46	15 48	7 35	5 41	5 5	19 51	13 10	6 29
F 16	21 4	13 23	3 23	23 1	0 19	8 55	1 9	14 25	1 5	23 15	0 8	5 37	2 3	23 36	0 11	21 33	0 45	15 48	7 35	5 41	5 6	19 49	13 9	6 29
S 17	20 53	18 34	4 10	23 6	0 11	8 26	1 5	14 9	1 5	23 15	0 8	5 38	2 3	23 36	0 11	21 33	0 45	15 48	7 35	5 41	5 7	19 46	13 8	6 29
S 18	20 41	23 3	4 45	23 10	0 3	7 56	1 2	13 53	1 4	23 16	0 8	5 39	2 3	23 36	0 11	21 33	0 45	15 48	7 35	5 43	5 8	19 43	13 7	6 29
M19	20 29	26 24	5 5	23 13	0s 5	7 27	0 58	13 36	1 4	23 16	0 7	5 40	2 4	23 36	0 11	21 32	0 45	15 48	7 35	5 45	5 10	19 41	13 6	6 29
T 20	20 16	28 13	5 7	23 15	0 13	6 57	0 54	13 20	1 3	23 16	0 7	5 41	2 4	23 36	0 11	21 32	0 45	15 48	7 35	5 47	5 11	19 38	13 5	6 28
W21	20 3	28 7	4 49	23 15	0 20	6 27	0 50	13 3	1 3	23 17	0 7	5 42	2 4	23 36	0 11	21 32	0 45	15 48	7 34	5 50	5 12	19 36	13 3	6 28
T 22	19 50	25 57	4 11	23 15	0 28	5 57	0 46	12 46	1 2	23 17	0 7	5 43	2 4	23 36	0 11	21 31	0 45	15 49	7 34	5 53	5 13	19 33	13 2	6 28
F 23	19 36	21 53	3 15	23 13	0 35	5 26	0 41	12 29	1 2	23 17	0 7	5 44	2 5	23 36	0 11	21 31	0 45	15 49	7 34	5 55	5 14	19 30	13 1	6 28
S 24	19 22	16 21	2 4	23 10	0 42	4 56	0 37	12 12	1 2	23 17	0 7	5 46	2 5	23 36	0 11	21 31	0 45	15 49	7 34	5 57	5 16	19 28	13 0	6 28
S 25	19 8	9 53	0 46	23 5	0 48	4 26	0 32	11 54	1 1	23 18	0 7	5 47	2 5	23 36	0 11	21 31	0 45	15 49	7 34	5 57	5 17	19 25	12 59	6 28
M26	18 53	3 0	0n34	23 0	0 55	3 55	0 28	11 37	1 1	23 18	0 6	5 48	2 5	23 36	0 11	21 30	0 45	15 49	7 34	5 57	5 18	19 22	12 58	6 28
T 27	18 38	3n51	1 50	22 53	1 1	3 24	0 23	11 20	1 0	23 18	0 6	5 49	2 6	23 36	0 11	21 30	0 45	15 49	7 34	5 57	5 19	19 20	12 56	6 28
W28	18 23	10 18	2 57	22 45	1 7	2 54	0 18	11 2	1 0	23 18	0 6	5 51	2 6	23 36	0 11	21 30	0 45	15 49	7 33	5 56	5 21	19 17	12 55	6 28
T 29	18 7	16 5	3 52	22 36	1 13	2 23	0 14	10 44	0 59	23 19	0 6	5 52	2 6	23 36	0 12	21 29	0 45	15 49	7 33	5 56	5 22	19 14	12 54	6 28
F 30	17 51	20 57	4 33	22 25	1 18	1 52	0 9	10 27	0 59	23 19	0 6	5 53	2 6	23 36	0 12	21 29	0 45	15 50	7 33	5 56	5 23	19 12	12 53	6 28
S 31	17s35	24n44	5n 0	22s13	1s24	1s22	0s 4	10s 9	0s58	23n19	0s 6	5n55	2n 7	23s36	0s12	21s29	0n45	15n50	7s33	5s57	5s24	19n 9	12s52	6n29

Julian Day Number = 2508522.5, Delta T = 125.87 sec
Ecliptic obliquity = 23°25'17, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°55'12, Lahiri = 26°02'13

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2156
geocentric

FEBRUARY 2156 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 42 58	11♒34'00	11♊13	28♉ 1	27♓48	6♓57	1°R36	19°R54	1♉36	17♉53	26°R31	14°R51	16♓14	14♌23	4♒26	S 1
M 2	8 46 54	12°34'56	23°29	29°35	28°53	7°44	1♋32	19♍51	1°39	17°55	26♊30	14♓46	16°11	14°30	4°32	M 2
T 3	8 50 51	13°35'50	5♋35	1♒ 9	29°58	8°32	1°27	19°48	1°42	17°57	26°29	14°41	16° 8	14°36	4°37	T 3
W 4	8 54 47	14°36'44	17°34	2°44	1♈ 2	9°19	1°23	19°44	1°45	17°59	26°29	14°35	16° 5	14°43	4°42	W 4
T 5	8 58 44	15°37'36	29°27	4°20	2° 7	10° 6	1°19	19°41	1°47	18° 2	26°28	14°29	16° 1	14°50	4°47	T 5
F 6	9 2 40	16°38'27	11♌18	5°56	3°10	10°53	1°15	19°37	1°50	18° 4	26°27	14°25	15°58	14°56	4°52	F 6
S 7	9 6 37	17°39'17	23° 6	7°33	4°14	11°40	1°12	19°34	1°53	18° 6	26°26	14°22	15°55	15° 3	4°57	S 7
S 8	9 10 34	18°40'06	4♍56	9°11	5°17	12°28	1° 8	19°30	1°56	18° 8	26°26	14°20	15°52	15°10	5° 2	S 8
M 9	9 14 30	19°40'53	16°48	10°50	6°20	13°15	1° 5	19°26	1°59	18°10	26°25	14°D20	15°49	15°16	5° 7	M 9
T 10	9 18 27	20°41'40	28°45	12°29	7°23	14° 2	1° 2	19°22	2° 1	18°12	26°24	14°20	15°46	15°23	5°13	T 10
W11	9 22 23	21°42'25	10♎51	14°10	8°25	14°49	0°59	19°19	2° 4	18°14	26°24	14°22	15°42	15°30	5°18	W11
T 12	9 26 20	22°43'10	23° 8	15°51	9°27	15°36	0°57	19°15	2° 7	18°16	26°23	14°24	15°39	15°36	5°23	T 12
F 13	9 30 16	23°43'53	5♏40	17°32	10°28	16°23	0°54	19°11	2° 9	18°18	26°23	14°25	15°36	15°43	5°28	F 13
S 14	9 34 13	24°44'35	18°32	19°15	11°29	17°10	0°52	19° 6	2°12	18°19	26°22	14°26	15°33	15°50	5°33	S 14
S 15	9 38 9	25°45'17	1♐46	20°58	12°30	17°57	0°50	19° 2	2°14	18°21	26°22	14°R26	15°30	15°56	5°38	S 15
M16	9 42 6	26°45'57	15°25	22°43	13°30	18°44	0°48	18°58	2°17	18°23	26°21	14°25	15°27	16° 3	5°43	M16
T 17	9 46 3	27°46'37	29°31	24°28	14°29	19°31	0°46	18°54	2°19	18°25	26°21	14°24	15°23	16°10	5°48	T 17
W18	9 49 59	28°47'15	14♑ 2	26°14	15°29	20°18	0°45	18°50	2°22	18°27	26°20	14°22	15°20	16°16	5°52	W18
T 19	9 53 56	29°47'52	28°55	28° 1	16°27	21° 5	0°43	18°45	2°24	18°29	26°20	14°20	15°17	16°23	5°57	T 19
F 20	9 57 52	0♓48'28	14♒ 1	29°48	17°26	21°52	0°42	18°41	2°26	18°31	26°19	14°18	15°14	16°30	6° 2	F 20
S 21	10 1 49	1°49'02	29°14	1♓37	18°24	22°39	0°41	18°36	2°29	18°32	26°19	14°17	15°11	16°36	6° 7	S 21
S 22	10 5 45	2°49'34	14♓22	3°26	19°21	23°26	0°41	18°32	2°31	18°34	26°18	14°D17	15° 7	16°43	6°12	S 22
M23	10 9 42	3°50'05	29°16	5°17	20°17	24°13	0°40	18°27	2°33	18°36	26°18	14°17	15° 4	16°49	6°17	M23
T 24	10 13 38	4°50'35	13♈50	7° 7	21°14	24°59	0°40	18°23	2°35	18°38	26°18	14°18	15° 1	16°56	6°21	T 24
W25	10 17 35	5°51'02	27°58	8°59	22° 9	25°46	0°D40	18°18	2°37	18°39	26°17	14°18	14°58	17° 3	6°26	W25
T 26	10 21 32	6°51'28	11♉40	10°51	23° 4	26°33	0°40	18°13	2°39	18°41	26°17	14°19	14°55	17° 9	6°31	T 26
F 27	10 25 28	7°51'52	24°54	12°44	23°58	27°20	0°40	18° 9	2°42	18°43	26°17	14°20	14°52	17°16	6°35	F 27
S 28	10 29 25	8°52'13	7♊45	14°38	24°52	28° 6	0°41	18° 4	2°43	18°44	26°17	14°R20	14°48	17°23	6°40	S 28
S 29	10 33 21	9♓52'33	20♊15	16♓32	25♈45	28♓53	0♋42	17♍59	2♉45	18♉46	26♊16	14♓20	14♓45	17♌29	6♒45	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s18	27n15	5n11	22s 0	1s29	0s51	0n 2	9s51	0s58	23n19	0s 5	5n56	2n 7	23s36	0s12	21s29	0n45	15n50	7s33	5s58	5s26	19n 6	12s50	6n29
M 2	17 1	28 24	5 8	21 45	1 33	0 20	0 7	9 33	0 57	23 19	0 5	5 58	2 7	23 36	0 12	21 28	0 45	15 50	7 33	6 0	5 27	19 4	12 49	6 29
T 3	16 44	28 10	4 52	21 29	1 38	0n10	0 12	9 15	0 57	23 20	0 5	5 59	2 7	23 36	0 12	21 28	0 45	15 50	7 32	6 2	5 28	19 1	12 48	6 29
W 4	16 26	26 36	4 22	21 11	1 42	0 41	0 18	8 56	0 56	23 20	0 5	6 1	2 7	23 36	0 12	21 28	0 45	15 50	7 32	6 4	5 29	18 58	12 47	6 29
T 5	16 8	23 52	3 42	20 53	1 46	1 12	0 23	8 38	0 56	23 20	0 5	6 2	2 8	23 36	0 12	21 27	0 45	15 51	7 32	6 6	5 31	18 56	12 45	6 29
F 6	15 50	20 7	2 51	20 33	1 50	1 42	0 29	8 20	0 55	23 20	0 5	6 4	2 8	23 36	0 12	21 27	0 45	15 51	7 32	6 8	5 32	18 53	12 44	6 29
S 7	15 32	15 36	1 54	20 11	1 53	2 13	0 34	8 1	0 55	23 20	0 5	6 5	2 8	23 36	0 12	21 27	0 45	15 51	7 32	6 9	5 33	18 50	12 43	6 29
S 8	15 13	10 30	0 51	19 48	1 56	2 43	0 40	7 43	0 54	23 21	0 4	6 7	2 8	23 36	0 12	21 27	0 45	15 51	7 32	6 10	5 34	18 48	12 42	6 29
M 9	14 54	5 0	0s14	19 24	1 58	3 13	0 46	7 24	0 54	23 21	0 4	6 9	2 8	23 36	0 12	21 26	0 45	15 51	7 31	6 10	5 35	18 45	12 40	6 29
T 10	14 35	0s43	1 19	18 58	2 0	3 43	0 52	7 6	0 53	23 21	0 4	6 10	2 9	23 36	0 12	21 26	0 45	15 51	7 31	6 10	5 37	18 42	12 39	6 29
W11	14 16	6 27	2 21	18 31	2 2	4 14	0 58	6 47	0 53	23 21	0 4	6 12	2 9	23 36	0 12	21 26	0 45	15 52	7 31	6 9	5 38	18 39	12 38	6 29
T 12	13 56	12 3	3 18	18 3	2 4	4 43	1 4	6 28	0 52	23 21	0 4	6 14	2 9	23 36	0 12	21 26	0 45	15 52	7 31	6 8	5 39	18 37	12 36	6 30
F 13	13 36	17 17	4 7	17 33	2 5	5 13	1 10	6 10	0 51	23 21	0 4	6 16	2 9	23 36	0 12	21 25	0 45	15 52	7 31	6 8	5 40	18 34	12 35	6 30
S 14	13 16	21 53	4 45	17 2	2 6	5 43	1 17	5 51	0 51	23 22	0 4	6 17	2 9	23 36	0 12	21 25	0 45	15 52	7 30	6 7	5 42	18 31	12 34	6 30
S 15	12 56	25 32	5 9	16 29	2 6	6 12	1 23	5 32	0 50	23 22	0 3	6 19	2 9	23 36	0 12	21 25	0 45	15 52	7 30	6 7	5 43	18 28	12 32	6 30
M16	12 35	27 52	5 16	15 55	2 6	6 42	1 29	5 13	0 50	23 22	0 3	6 21	2 10	23 36	0 12	21 25	0 46	15 52	7 30	6 8	5 44	18 26	12 31	6 30
T 17	12 14	28 31	5 5	15 19	2 5	7 11	1 36	4 54	0 49	23 22	0 3	6 23	2 10	23 36	0 12	21 24	0 46	15 53	7 30	6 8	5 45	18 23	12 30	6 30
W18	11 53	27 14	4 35	14 43	2 4	7 40	1 43	4 35	0 49	23 22	0 3	6 25	2 10	23 36	0 12	21 24	0 46	15 53	7 30	6 9	5 47	18 20	12 29	6 30
T 19	11 32	24 2	3 46	14 4	2 3	8 9	1 49	4 16	0 48	23 22	0 3	6 26	2 10	23 36	0 12	21 24	0 46	15 53	7 29	6 10	5 48	18 17	12 27	6 31
F 20	11 11	19 10	2 40	13 25	2 1	8 37	1 56	3 57	0 47	23 22	0 3	6 28	2 10	23 36	0 12	21 23	0 46	15 53	7 29	6 11	5 49	18 15	12 26	6 31
S 21	10 49	13 1	1 23	12 44	1 58	9 6	2 3	3 38	0 47	23 23	0 3	6 30	2 10	23 36	0 12	21 23	0 46	15 53	7 29	6 11	5 50	18 12	12 25	6 31
S 22	10 28	6 9	0n 0	12 2	1 55	9 34	2 9	3 19	0 46	23 23	0 3	6 32	2 10	23 36	0 12	21 23	0 46	15 54	7 29	6 11	5 51	18 9	12 23	6 31
M23	10 6	0n58	1 22	11 18	1 52	10 2	2 16	3 0	0 46	23 23	0 2	6 34	2 11	23 36	0 12	21 23	0 46	15 54	7 29	6 11	5 53	18 6	12 22	6 31
T 24	9 44	7 52	2 37	10 33	1 48	10 29	2 23	2 41	0 45	23 23	0 2	6 36	2 11	23 36	0 12	21 23	0 46	15 54	7 28	6 11	5 54	18 4	12 21	6 32
W25	9 22	14 10	3 40	9 47	1 43	10 57	2 30	2 22	0 45	23 23	0 2	6 38	2 11	23 36	0 12	21 22	0 46	15 54	7 28	6 10	5 55	18 1	12 19	6 32
T 26	8 59	19 34	4 28	9 0	1 38	11 24	2 37	2 3	0 44	23 23	0 2	6 40	2 11	23 36	0 12	21 22	0 46	15 54	7 28	6 10	5 56	17 58	12 18	6 32
F 27	8 37	23 49	5 0	8 12	1 32	11 50	2 44	1 44	0 43	23 23	0 2	6 42	2 11	23 36	0 12	21 22	0 46	15 55	7 28	6 10	5 58	17 55	12 17	6 32
S 28	8 14	26 46	5 16	7 22	1 26	12 17	2 51	1 24	0 43	23 23	0 2	6 44	2 11	23 36	0 12	21 22	0 46	15 55	7 28	6 10	5 59	17 53	12 15	6 32
S 29	7s52	28n19	5n16	6s32	1s19	12n43	2n59	1s 5	0s42	23n24	0s 2	6n46	2n11	23s36	0s12	21s21	0n46	15n55	7s27	6s10	6s 0	17n50	12s14	6n33

Julian Day Number = 2508553.5, Delta T = 125.93 sec
Ecliptic obliquity = 23°25'17, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°55'17, Lahiri = 26°02'17

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2156
geocentric

MARCH 2156 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 37 18	10♓52'51	2♋28	18♓25	26♈37	29♓40	0♋43	17°R55	2♑47	18♑48	26°R16	14°R19	14♓42	17♌36	6♒49	M 1
T 2	10 41 14	11°53'07	14°30	20°19	27°29	0♈26	0°44	17♍50	2°49	18°49	26♊16	14♓19	14°39	17°43	6°54	T 2
W 3	10 45 11	12°53'21	26°23	22°13	28°19	1°13	0°45	17°45	2°51	18°51	26°16	14°19	14°36	17°49	6°58	W 3
T 4	10 49 7	13°53'33	8♌12	24° 7	29° 9	1°59	0°47	17°40	2°53	18°52	26°16	14°D19	14°33	17°56	7° 3	T 4
F 5	10 53 4	14°53'43	20° 0	25°59	29°59	2°46	0°48	17°36	2°54	18°54	26°15	14°19	14°29	18° 3	7° 7	F 5
S 6	10 57 1	15°53'51	1♍50	27°51	0♉47	3°32	0°50	17°31	2°56	18°55	26°15	14°19	14°26	18° 9	7°11	S 6
S 7	11 0 57	16°53'57	13°44	29°42	1°34	4°19	0°52	17°26	2°58	18°56	26°15	14°R19	14°23	18°16	7°16	S 7
M 8	11 4 54	17°54'02	25°45	1♈30	2°21	5° 5	0°55	17°21	2°59	18°58	26°15	14°19	14°20	18°23	7°20	M 8
T 9	11 8 50	18°54'04	7♎53	3°16	3° 6	5°51	0°57	17°16	3° 1	18°59	26°15	14°18	14°17	18°29	7°24	T 9
W10	11 12 47	19°54'05	20°12	5° 0	3°51	6°38	1° 0	17°12	3° 2	19° 1	26°D15	14°18	14°13	18°36	7°28	W10
T 11	11 16 43	20°54'04	2♏42	6°41	4°34	7°24	1° 2	17° 7	3° 4	19° 2	26°15	14°17	14°10	18°43	7°32	T 11
F 12	11 20 40	21°54'01	15°25	8°17	5°16	8°10	1° 6	17° 2	3° 5	19° 3	26°15	14°16	14° 7	18°49	7°37	F 12
S 13	11 24 36	22°53'57	28°24	9°50	5°58	8°56	1° 9	16°57	3° 6	19° 4	26°15	14°15	14° 4	18°56	7°41	S 13
S 14	11 28 33	23°53'51	11♐40	11°18	6°38	9°43	1°12	16°53	3° 8	19° 6	26°15	14°15	14° 1	19° 3	7°45	S 14
M15	11 32 30	24°53'44	25°15	12°40	7°17	10°29	1°16	16°48	3° 9	19° 7	26°15	14°D14	13°58	19° 9	7°49	M15
T 16	11 36 26	25°53'35	9♑ 9	13°57	7°54	11°15	1°20	16°43	3°10	19° 8	26°16	14°15	13°54	19°16	7°52	T 16
W17	11 40 23	26°53'24	23°23	15° 8	8°31	12° 1	1°23	16°39	3°11	19° 9	26°16	14°15	13°51	19°23	7°56	W17
T 18	11 44 19	27°53'12	7♒54	16°11	9° 6	12°47	1°28	16°34	3°12	19°10	26°16	14°16	13°48	19°29	8° 0	T 18
F 19	11 48 16	28°52'57	22°39	17° 8	9°40	13°33	1°32	16°29	3°13	19°11	26°16	14°17	13°45	19°36	8° 4	F 19
S 20	11 52 12	29°52'41	7♓31	17°58	10°12	14°19	1°36	16°25	3°14	19°12	26°16	14°R18	13°42	19°43	8° 8	S 20
S 21	11 56 9	0♈52'23	22°25	18°39	10°43	15° 5	1°41	16°20	3°15	19°13	26°16	14°18	13°38	19°49	8°11	S 21
M22	12 0 5	1°52'03	7♈12	19°13	11°12	15°51	1°46	16°16	3°16	19°14	26°17	14°17	13°35	19°56	8°15	M22
T 23	12 4 2	2°51'41	21°45	19°39	11°39	16°36	1°51	16°11	3°17	19°15	26°17	14°15	13°32	20° 3	8°19	T 23
W24	12 7 59	3°51'17	5♉57	19°57	12° 5	17°22	1°56	16° 7	3°17	19°16	26°17	14°13	13°29	20° 9	8°22	W24
T 25	12 11 55	4°50'51	19°45	20° 7	12°29	18° 8	2° 1	16° 2	3°18	19°17	26°18	14°10	13°26	20°16	8°26	T 25
F 26	12 15 52	5°50'23	3♊ 7	20°R 9	12°52	18°54	2° 7	15°58	3°19	19°18	26°18	14° 7	13°23	20°23	8°29	F 26
S 27	12 19 48	6°49'52	16° 4	20° 3	13°12	19°39	2°12	15°53	3°19	19°19	26°18	14° 5	13°19	20°29	8°32	S 27
S 28	12 23 45	7°49'20	28°38	19°49	13°31	20°25	2°18	15°49	3°20	19°20	26°19	14° 3	13°16	20°36	8°36	S 28
M29	12 27 41	8°48'44	10♋54	19°29	13°48	21°10	2°24	15°45	3°20	19°20	26°19	14°D 3	13°13	20°43	8°39	M29
T 30	12 31 38	9°48'07	22°55	19° 2	14° 2	21°56	2°30	15°41	3°21	19°21	26°20	14° 3	13°10	20°49	8°42	T 30
W31	12 35 34	10♈47'27	4♌48	18♈29	14♉14	22♈41	2♋37	15♍37	3♑21	19♑22	26♊20	14♓ 5	13♓ 7	20♌56	8♒45	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	7s29	28n26	5n 2	5s40	1s11	13n 9	3n 6	0s46	0s42	23n24	0s 1	6n47	2n11	23s36	0s12	21s21	0n46	15n55	7s27	6s10	6s 1	17n47	12s13	6n33
T 2	7 6	27 11	4 35	4 48	1 3	13 34	3 13	0 27	0 41	23 24	0 1	6 49	2 12	23 36	0 12	21 21	0 46	15 55	7 27	6 10	6 2	17 44	12 11	6 33
W 3	6 43	24 43	3 56	3 55	0 54	13 59	3 20	0 8	0 40	23 24	0 1	6 51	2 12	23 36	0 12	21 21	0 46	15 56	7 27	6 10	6 4	17 41	12 10	6 33
T 4	6 20	21 13	3 8	3 2	0 45	14 24	3 27	0n11	0 40	23 24	0 1	6 53	2 12	23 36	0 12	21 20	0 46	15 56	7 27	6 10	6 5	17 39	12 8	6 34
F 5	5 57	16 53	2 11	2 8	0 35	14 48	3 35	0 30	0 39	23 24	0 1	6 55	2 12	23 35	0 12	21 20	0 46	15 56	7 26	6 10	6 6	17 36	12 7	6 34
S 6	5 33	11 53	1 9	1 14	0 24	15 12	3 42	0 49	0 38	23 24	0 1	6 57	2 12	23 35	0 12	21 20	0 46	15 56	7 26	6 10	6 7	17 33	12 6	6 34
S 7	5 10	6 26	0 3	0 20	0 13	15 36	3 49	1 8	0 38	23 24	0 1	6 59	2 12	23 35	0 12	21 20	0 46	15 56	7 26	6 10	6 9	17 30	12 4	6 35
M 8	4 47	0 44	1s 3	0n34	0 2	15 59	3 57	1 27	0 37	23 25	0 1	7 1	2 12	23 35	0 12	21 20	0 46	15 57	7 26	6 10	6 10	17 27	12 3	6 35
T 9	4 23	5s 4	2 7	1 27	0n10	16 21	4 4	1 46	0 37	23 25	0 0	7 3	2 12	23 35	0 12	21 19	0 46	15 57	7 25	6 10	6 11	17 24	12 2	6 35
W10	4 0	10 46	3 6	2 20	0 23	16 44	4 11	2 5	0 36	23 25	0 0	7 5	2 12	23 35	0 12	21 19	0 46	15 57	7 25	6 11	6 12	17 22	12 1	6 35
T 11	3 36	16 7	3 58	3 12	0 36	17 5	4 19	2 24	0 35	23 25	0 0	7 7	2 12	23 35	0 12	21 19	0 46	15 57	7 25	6 11	6 13	17 19	11 59	6 36
F 12	3 13	20 53	4 38	4 2	0 49	17 27	4 26	2 42	0 35	23 25	0 0	7 9	2 12	23 35	0 12	21 19	0 46	15 57	7 25	6 11	6 15	17 16	11 58	6 36
S 13	2 49	24 45	5 5	4 50	1 2	17 48	4 33	3 1	0 34	23 25	0n 0	7 11	2 12	23 35	0 12	21 19	0 46	15 58	7 25	6 12	6 16	17 13	11 57	6 36
S 14	2 25	27 24	5 17	5 37	1 15	18 8	4 41	3 20	0 33	23 25	0 0	7 12	2 12	23 35	0 12	21 18	0 46	15 58	7 24	6 12	6 17	17 10	11 55	6 37
M15	2 2	28 31	5 11	6 22	1 28	18 28	4 48	3 39	0 33	23 25	0 0	7 14	2 12	23 35	0 12	21 18	0 46	15 58	7 24	6 12	6 18	17 7	11 54	6 37
T 16	1 38	27 53	4 48	7 4	1 42	18 47	4 55	3 57	0 32	23 25	0 0	7 16	2 12	23 35	0 12	21 18	0 46	15 58	7 24	6 12	6 20	17 4	11 53	6 37
W17	1 14	25 26	4 6	7 43	1 55	19 6	5 2	4 16	0 32	23 25	0 1	7 18	2 12	23 35	0 12	21 18	0 46	15 58	7 24	6 12	6 21	17 2	11 51	6 38
T 18	0 50	21 19	3 8	8 19	2 7	19 24	5 9	4 34	0 31	23 25	0 1	7 20	2 12	23 35	0 12	21 18	0 46	15 59	7 24	6 11	6 22	16 59	11 50	6 38
F 19	0 27	15 48	1 57	8 52	2 19	19 41	5 16	4 53	0 30	23 26	0 1	7 22	2 12	23 35	0 12	21 18	0 46	15 59	7 23	6 11	6 23	16 56	11 49	6 38
S 20	0 3	9 19	0 37	9 22	2 30	19 58	5 23	5 11	0 30	23 26	0 1	7 24	2 12	23 35	0 12	21 17	0 46	15 59	7 23	6 10	6 24	16 53	11 48	6 39
S 21	0n21	2 19	0n45	9 47	2 41	20 15	5 30	5 29	0 29	23 26	0 1	7 25	2 12	23 35	0 12	21 17	0 46	15 59	7 23	6 10	6 26	16 50	11 46	6 39
M22	0 45	4n45	2 3	10 9	2 51	20 31	5 37	5 48	0 28	23 26	0 1	7 27	2 12	23 35	0 12	21 17	0 46	16 0	7 23	6 11	6 27	16 47	11 45	6 40
T 23	1 8	11 26	3 12	10 27	3 0	20 46	5 44	6 6	0 28	23 26	0 1	7 29	2 12	23 35	0 12	21 17	0 46	16 0	7 23	6 12	6 28	16 44	11 44	6 40
W24	1 32	17 23	4 8	10 41	3 7	21 0	5 50	6 24	0 27	23 26	0 1	7 31	2 12	23 35	0 12	21 17	0 46	16 0	7 22	6 13	6 29	16 41	11 43	6 40
T 25	1 56	22 16	4 47	10 51	3 14	21 14	5 57	6 42	0 26	23 26	0 1	7 32	2 12	23 35	0 13	21 17	0 46	16 0	7 22	6 14	6 31	16 39	11 41	6 41
F 26	2 19	25 49	5 9	10 56	3 19	21 26	6 3	7 0	0 26	23 26	0 2	7 34	2 12	23 35	0 13	21 17	0 46	16 0	7 22	6 15	6 32	16 36	11 40	6 41
S 27	2 43	27 55	5 15	10 57	3 22	21 39	6 9	7 18	0 25	23 26	0 2	7 36	2 12	23 35	0 13	21 16	0 46	16 1	7 22	6 16	6 33	16 33	11 39	6 41
S 28	3 6	28 30	5 5	10 54	3 24	21 50	6 15	7 36	0 24	23 26	0 2	7 37	2 12	23 35	0 13	21 16	0 46	16 1	7 21	6 16	6 34	16 30	11 38	6 42
M29	3 29	27 39	4 41	10 46	3 25	22 0	6 20	7 53	0 24	23 26	0 2	7 39	2 12	23 35	0 13	21 16	0 46	16 1	7 21	6 16	6 35	16 27	11 36	6 42
T 30	3 53	25 31	4 6	10 35	3 23	22 10	6 26	8 11	0 23	23 26	0 2	7 40	2 12	23 35	0 13	21 16	0 46	16 1	7 21	6 16	6 37	16 24	11 35	6 43
W31	4n16	22n17	3n20	10n19	3n20	22n19	6n31	8n28	0s22	23n26	0n 2	7n42	2n12	23s35	0s13	21s16	0n46	16n 2	7s21	6s16	6s38	16n21	11s34	6n43

Julian Day Number = 2508582.5, Delta T = 125.99 sec
Ecliptic obliquity = 23°25'17, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°55'21, Lahiri = 26°02'21

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2156
geocentric

APRIL 2156 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 39 31	11♈46'45	16♌36	17°R52	14♉25	23♈27	2♋43	15°R33	3♑21	19♑23	26♊21	14♓ 7	13♓ 4	21♌ 3	8♒48	T 1
F 2	12 43 28	12°46'01	28°24	17♈10	14°33	24°12	2°50	15♍29	3°22	19°23	26°21	14° 8	13° 0	21° 9	8°51	F 2
S 3	12 47 24	13°45'14	10♍17	16°25	14°38	24°57	2°56	15°25	3°22	19°24	26°22	14°R 9	12°57	21°16	8°54	S 3
S 4	12 51 21	14°44'25	22°17	15°37	14°42	25°43	3° 3	15°21	3°22	19°24	26°22	14° 9	12°54	21°22	8°57	S 4
M 5	12 55 17	15°43'34	4♎28	14°48	14°R43	26°28	3°10	15°17	3°22	19°25	26°23	14° 7	12°51	21°29	9° 0	M 5
T 6	12 59 14	16°42'41	16°51	13°59	14°41	27°13	3°18	15°13	3°22	19°25	26°23	14° 4	12°48	21°36	9° 3	T 6
W 7	13 3 10	17°41'46	29°27	13°10	14°37	27°58	3°25	15°10	3°R22	19°26	26°24	13°59	12°44	21°42	9° 5	W 7
T 8	13 7 7	18°40'49	12♏17	12°23	14°31	28°43	3°32	15° 6	3°22	19°26	26°24	13°54	12°41	21°49	9° 8	T 8
F 9	13 11 3	19°39'50	25°21	11°39	14°22	29°28	3°40	15° 3	3°22	19°27	26°25	13°48	12°38	21°56	9°10	F 9
S 10	13 15 0	20°38'49	8♐38	10°57	14°11	0♉13	3°48	14°59	3°22	19°27	26°26	13°42	12°35	22° 2	9°13	S 10
S 11	13 18 56	21°37'47	22° 7	10°19	13°57	0°58	3°55	14°56	3°22	19°27	26°26	13°37	12°32	22° 9	9°15	S 11
M12	13 22 53	22°36'43	5♑49	9°45	13°40	1°43	4° 3	14°52	3°22	19°28	26°27	13°34	12°29	22°16	9°18	M12
T 13	13 26 50	23°35'37	19°42	9°16	13°22	2°28	4°12	14°49	3°21	19°28	26°28	13°D33	12°25	22°22	9°20	T 13
W14	13 30 46	24°34'29	3♒46	8°52	13° 1	3°13	4°20	14°46	3°21	19°28	26°29	13°33	12°22	22°29	9°22	W14
T 15	13 34 43	25°33'20	18° 0	8°33	12°38	3°58	4°28	14°43	3°21	19°28	26°29	13°35	12°19	22°36	9°24	T 15
F 16	13 38 39	26°32'09	2♓22	8°19	12°12	4°42	4°37	14°40	3°20	19°29	26°30	13°36	12°16	22°42	9°27	F 16
S 17	13 42 36	27°30'56	16°49	8°10	11°45	5°27	4°45	14°37	3°20	19°29	26°31	13°R36	12°13	22°49	9°29	S 17
S 18	13 46 32	28°29'41	1♈17	8°D 7	11°16	6°11	4°54	14°34	3°19	19°29	26°32	13°35	12°10	22°56	9°31	S 18
M19	13 50 29	29°28'25	15°42	8° 9	10°45	6°56	5° 3	14°32	3°19	19°29	26°33	13°31	12° 6	23° 2	9°33	M19
T 20	13 54 25	0♉27'07	29°58	8°16	10°12	7°41	5°12	14°29	3°18	19°29	26°33	13°26	12° 3	23° 9	9°34	T 20
W21	13 58 22	1°25'47	13♉59	8°28	9°38	8°25	5°21	14°27	3°17	19°R29	26°34	13°19	12° 0	23°16	9°36	W21
T 22	14 2 19	2°24'24	27°41	8°45	9° 3	9° 9	5°30	14°24	3°16	19°29	26°35	13°10	11°57	23°22	9°38	T 22
F 23	14 6 15	3°23'00	11♊ 2	9° 6	8°27	9°54	5°40	14°22	3°16	19°29	26°36	13° 2	11°54	23°29	9°39	F 23
S 24	14 10 12	4°21'34	23°59	9°32	7°50	10°38	5°49	14°20	3°15	19°29	26°37	12°55	11°50	23°36	9°41	S 24
S 25	14 14 8	5°20'06	6♋36	10° 2	7°12	11°22	5°59	14°18	3°14	19°29	26°38	12°49	11°47	23°42	9°43	S 25
M26	14 18 5	6°18'36	18°53	10°37	6°35	12° 6	6° 8	14°15	3°13	19°28	26°39	12°45	11°44	23°49	9°44	M26
T 27	14 22 1	7°17'03	0♌56	11°15	5°57	12°51	6°18	14°14	3°12	19°28	26°40	12°43	11°41	23°55	9°45	T 27
W28	14 25 58	8°15'28	12°49	11°57	5°19	13°35	6°28	14°12	3°11	19°28	26°41	12°D43	11°38	24° 2	9°47	W28
T 29	14 29 54	9°13'52	24°38	12°43	4°42	14°19	6°38	14°10	3°10	19°28	26°42	12°44	11°35	24° 9	9°48	T 29
F 30	14 33 51	10♉12'13	6♍27	13♈32	4♉ 6	15♉ 3	6♋48	14♍ 8	3♑ 9	19♑27	26♊43	12♓45	11♓31	24♌15	9♒49	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n39	18n10	2n26	10n 0	3n15	22n26	6n36	8n46	0s22	23n26	0n 2	7n43	2n12	23s35	0s13	21s16	0n46	16n 2	7s21	6s15	6s39	16n18	11s33	6n44
F 2	5 2	13 21	1 25	9 38	3 8	22 33	6 40	9 3	0 21	23 26	0 2	7 45	2 12	23 35	0 13	21 16	0 46	16 2	7 20	6 14	6 40	16 15	11 32	6 44
S 3	5 25	8 2	0 21	9 13	3 0	22 39	6 45	9 20	0 20	23 26	0 2	7 46	2 12	23 35	0 13	21 16	0 46	16 2	7 20	6 14	6 42	16 12	11 31	6 44
S 4	5 48	2 23	0s44	8 46	2 50	22 44	6 49	9 37	0 20	23 26	0 2	7 48	2 12	23 35	0 13	21 16	0 46	16 2	7 20	6 14	6 43	16 9	11 29	6 45
M 5	6 11	3s26	1 49	8 16	2 39	22 47	6 52	9 54	0 19	23 26	0 3	7 49	2 12	23 35	0 13	21 15	0 46	16 3	7 20	6 15	6 44	16 7	11 28	6 45
T 6	6 34	9 13	2 49	7 46	2 26	22 50	6 55	10 11	0 19	23 26	0 3	7 51	2 12	23 35	0 13	21 15	0 46	16 3	7 20	6 16	6 45	16 4	11 27	6 46
W 7	6 56	14 44	3 42	7 14	2 13	22 51	6 58	10 28	0 18	23 25	0 3	7 52	2 12	23 35	0 13	21 15	0 46	16 3	7 19	6 18	6 46	16 1	11 26	6 46
T 8	7 19	19 43	4 25	6 42	1 58	22 51	7 0	10 45	0 17	23 25	0 3	7 53	2 12	23 36	0 13	21 15	0 46	16 3	7 19	6 20	6 48	15 58	11 25	6 47
F 9	7 41	23 51	4 55	6 11	1 43	22 50	7 2	11 1	0 17	23 25	0 3	7 55	2 12	23 36	0 13	21 15	0 46	16 3	7 19	6 22	6 49	15 55	11 24	6 47
S 10	8 3	26 49	5 10	5 40	1 27	22 48	7 3	11 18	0 16	23 25	0 3	7 56	2 11	23 36	0 13	21 15	0 46	16 4	7 19	6 24	6 50	15 52	11 23	6 47
S 11	8 26	28 18	5 7	5 10	1 11	22 44	7 3	11 34	0 15	23 25	0 3	7 57	2 11	23 36	0 13	21 15	0 46	16 4	7 19	6 26	6 51	15 49	11 22	6 48
M12	8 47	28 5	4 48	4 41	0 54	22 39	7 3	11 50	0 15	23 25	0 3	7 58	2 11	23 36	0 13	21 15	0 46	16 4	7 18	6 27	6 52	15 46	11 21	6 48
T 13	9 9	26 7	4 11	4 15	0 38	22 32	7 2	12 6	0 14	23 25	0 3	7 59	2 11	23 36	0 13	21 15	0 46	16 4	7 18	6 28	6 54	15 43	11 20	6 49
W14	9 31	22 31	3 19	3 50	0 21	22 25	7 1	12 22	0 13	23 25	0 3	8 1	2 11	23 36	0 13	21 15	0 46	16 5	7 18	6 28	6 55	15 40	11 19	6 49
T 15	9 52	17 34	2 14	3 28	0 5	22 15	6 59	12 38	0 13	23 24	0 4	8 2	2 11	23 36	0 13	21 15	0 46	16 5	7 18	6 27	6 56	15 37	11 18	6 50
F 16	10 14	11 34	1 1	3 8	0s10	22 5	6 56	12 54	0 12	23 24	0 4	8 3	2 11	23 36	0 13	21 15	0 46	16 5	7 18	6 27	6 57	15 34	11 17	6 50
S 17	10 35	4 56	0n17	2 51	0 25	21 53	6 52	13 9	0 11	23 24	0 4	8 4	2 11	23 36	0 13	21 15	0 46	16 5	7 18	6 27	6 58	15 31	11 16	6 51
S 18	10 56	1n57	1 34	2 36	0 40	21 39	6 48	13 24	0 11	23 24	0 4	8 5	2 11	23 36	0 13	21 15	0 46	16 5	7 17	6 27	7 0	15 28	11 15	6 51
M19	11 17	8 43	2 45	2 24	0 54	21 24	6 43	13 40	0 10	23 23	0 4	8 6	2 11	23 36	0 13	21 15	0 46	16 6	7 17	6 28	7 1	15 25	11 14	6 52
T 20	11 37	14 57	3 44	2 15	1 7	21 8	6 37	13 55	0 9	23 23	0 4	8 7	2 10	23 36	0 13	21 15	0 46	16 6	7 17	6 31	7 2	15 22	11 13	6 52
W21	11 58	20 17	4 28	2 8	1 20	20 51	6 30	14 10	0 9	23 23	0 4	8 7	2 10	23 36	0 13	21 15	0 46	16 6	7 17	6 33	7 3	15 19	11 12	6 53
T 22	12 18	24 26	4 56	2 4	1 32	20 32	6 23	14 25	0 8	23 23	0 4	8 8	2 10	23 36	0 13	21 15	0 46	16 6	7 17	6 36	7 5	15 16	11 11	6 53
F 23	12 38	27 9	5 7	2 2	1 43	20 13	6 15	14 39	0 7	23 22	0 4	8 9	2 10	23 36	0 13	21 15	0 46	16 6	7 16	6 40	7 6	15 13	11 10	6 54
S 24	12 58	28 18	5 2	2 2	1 53	19 52	6 6	14 54	0 7	23 22	0 4	8 10	2 10	23 36	0 13	21 15	0 46	16 7	7 16	6 42	7 7	15 10	11 9	6 54
S 25	13 17	27 56	4 41	2 5	2 3	19 30	5 56	15 8	0 6	23 22	0 5	8 10	2 10	23 36	0 13	21 15	0 46	16 7	7 16	6 45	7 8	15 7	11 8	6 55
M26	13 37	26 12	4 9	2 11	2 12	19 8	5 46	15 22	0 5	23 21	0 5	8 11	2 10	23 36	0 13	21 15	0 46	16 7	7 16	6 46	7 9	15 4	11 7	6 55
T 27	13 56	23 16	3 25	2 18	2 20	18 45	5 35	15 36	0 5	23 21	0 5	8 12	2 10	23 36	0 13	21 15	0 46	16 7	7 16	6 47	7 11	15 1	11 7	6 56
W28	14 15	19 24	2 34	2 28	2 27	18 21	5 23	15 50	0 4	23 21	0 5	8 12	2 9	23 36	0 13	21 15	0 46	16 7	7 16	6 47	7 12	14 58	11 6	6 56
T 29	14 34	14 48	1 36	2 39	2 34	17 57	5 11	16 4	0 3	23 20	0 5	8 13	2 9	23 36	0 13	21 15	0 46	16 8	7 15	6 47	7 13	14 55	11 5	6 57
F 30	14n52	9n39	0n34	2n53	2s40	17n33	4n58	16n18	0s 3	23n20	0n 5	8n13	2n 9	23s36	0s13	21s15	0n47	16n 8	7s15	6s46	7s14	14n52	11s 4	6n57

Julian Day Number = 2508613.5, Delta T = 126.05 sec
Ecliptic obliquity = 23°25'18, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°55'25, Lahiri = 26°02'25

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2156
geocentric

MAY 2156 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 37 48	11♉10'32	18♍23	14♈24	3°R30	15♉47	6♋58	14°R 7	3°R 8	19°R27	26♊44	12°R45	11♓28	24♌22	9♒50	S 1
S 2	14 41 44	12° 8'48	0♎28	15°20	2♉56	16°31	7° 8	14♍ 5	3♏ 6	19♏27	26°45	12♓43	11°25	24°29	9°51	S 2
M 3	14 45 41	13° 7'03	12°48	16°18	2°23	17°14	7°19	14° 4	3° 5	19°26	26°46	12°39	11°22	24°35	9°52	M 3
T 4	14 49 37	14° 5'17	25°25	17°20	1°52	17°58	7°29	14° 3	3° 4	19°26	26°47	12°33	11°19	24°42	9°53	T 4
W 5	14 53 34	15° 3'28	8♏19	18°24	1°22	18°42	7°40	14° 2	3° 3	19°26	26°48	12°24	11°15	24°49	9°53	W 5
T 6	14 57 30	16° 1'38	21°31	19°31	0°54	19°26	7°50	14° 0	3° 1	19°25	26°49	12°14	11°12	24°55	9°54	T 6
F 7	15 1 27	16°59'46	4♐59	20°41	0°28	20° 9	8° 1	14° 0	3° 0	19°25	26°50	12° 3	11° 9	25° 2	9°55	F 7
S 8	15 5 23	17°57'52	18°41	21°53	0° 5	20°53	8°12	13°59	2°58	19°24	26°52	11°53	11° 6	25° 9	9°55	S 8
S 9	15 9 20	18°55'57	2♑33	23° 8	29♈43	21°36	8°23	13°58	2°57	19°24	26°53	11°44	11° 3	25°15	9°56	S 9
M10	15 13 17	19°54'01	16°32	24°25	29°24	22°20	8°34	13°57	2°55	19°23	26°54	11°38	11° 0	25°22	9°56	M10
T 11	15 17 13	20°52'03	0♒36	25°44	29° 8	23° 3	8°45	13°57	2°54	19°22	26°55	11°34	10°56	25°29	9°57	T 11
W12	15 21 10	21°50'04	14°43	27° 6	28°53	23°46	8°56	13°56	2°52	19°22	26°56	11°33	10°53	25°35	9°57	W12
T 13	15 25 6	22°48'03	28°50	28°30	28°41	24°30	9° 7	13°56	2°50	19°21	26°57	11°D33	10°50	25°42	9°57	T 13
F 14	15 29 3	23°46'01	12♓58	29°56	28°32	25°13	9°18	13°56	2°49	19°20	26°59	11°R33	10°47	25°49	9°57	F 14
S 15	15 32 59	24°43'58	27° 4	1♉25	28°25	25°56	9°30	13°56	2°47	19°19	27° 0	11°32	10°44	25°55	9°R57	S 15
S 16	15 36 56	25°41'54	11♈ 8	2°55	28°21	26°39	9°41	13°D56	2°45	19°19	27° 1	11°29	10°41	26° 2	9°57	S 16
M17	15 40 52	26°39'48	25° 7	4°28	28°D18	27°23	9°53	13°56	2°44	19°18	27° 2	11°24	10°37	26° 9	9°57	M17
T 18	15 44 49	27°37'41	8♉58	6° 3	28°19	28° 6	10° 4	13°56	2°42	19°17	27° 4	11°15	10°34	26°15	9°57	T 18
W19	15 48 46	28°35'33	22°38	7°40	28°21	28°49	10°16	13°56	2°40	19°16	27° 5	11° 5	10°31	26°22	9°57	W19
T 20	15 52 42	29°33'23	6♊ 3	9°19	28°26	29°32	10°28	13°57	2°38	19°15	27° 6	10°53	10°28	26°28	9°56	T 20
F 21	15 56 39	0♊31'12	19°11	11° 0	28°33	0♊15	10°40	13°57	2°36	19°14	27° 7	10°40	10°25	26°35	9°56	F 21
S 22	16 0 35	1°29'00	2♋ 1	12°44	28°42	0°57	10°51	13°58	2°34	19°14	27° 9	10°29	10°21	26°42	9°56	S 22
S 23	16 4 32	2°26'46	14°32	14°29	28°54	1°40	11° 3	13°59	2°32	19°13	27°10	10°19	10°18	26°48	9°55	S 23
M24	16 8 28	3°24'30	26°47	16°17	29° 7	2°23	11°15	13°59	2°30	19°12	27°11	10°12	10°15	26°55	9°54	M24
T 25	16 12 25	4°22'13	8♌49	18° 7	29°22	3° 6	11°27	14° 0	2°28	19°11	27°13	10° 8	10°12	27° 2	9°54	T 25
W26	16 16 22	5°19'55	20°42	19°59	29°40	3°48	11°40	14° 1	2°26	19°10	27°14	10° 6	10° 9	27° 8	9°53	W26
T 27	16 20 18	6°17'35	2♍30	21°53	29°59	4°31	11°52	14° 3	2°24	19° 8	27°15	10° 5	10° 6	27°15	9°52	T 27
F 28	16 24 15	7°15'13	14°20	23°49	0♉20	5°13	12° 4	14° 4	2°22	19° 7	27°17	10° 5	10° 2	27°22	9°51	F 28
S 29	16 28 11	8°12'50	26°16	25°47	0°42	5°56	12°16	14° 5	2°20	19° 6	27°18	10° 5	9°59	27°28	9°50	S 29
S 30	16 32 8	9°10'25	8♎25	27°47	1° 7	6°38	12°29	14° 7	2°17	19° 5	27°19	10° 3	9°56	27°35	9°49	S 30
M31	16 36 4	10♊ 7'59	20♎50	29♉49	1♉33	7♊21	12♋41	14♍ 8	2♏15	19♏ 4	27♊21	9♓58	9♓53	27♌42	9♒48	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15n10	4n 8	0s30	3n 8	2s45	17n 8	4n45	16n31	0s 2	23n19	0n 5	8n14	2n 9	23s36	0s13	21s15	0n47	16n 8	7s15	6s46	7s15	14n49	11s 3	6n58
S 2	15 28	1s37	1 34	3 25	2 50	16 44	4 32	16 44	0 1	23 19	0 5	8 14	2 9	23 36	0 13	21 15	0 47	16 8	7 15	6 47	7 17	14 46	11 3	6 58
M 3	15 46	7 25	2 34	3 44	2 53	16 19	4 18	16 57	0 1	23 18	0 5	8 15	2 9	23 36	0 13	21 15	0 47	16 8	7 15	6 48	7 18	14 43	11 2	6 59
T 4	16 3	13 2	3 27	4 5	2 57	15 55	4 4	17 10	0 0	23 18	0 5	8 15	2 9	23 36	0 13	21 15	0 47	16 8	7 15	6 51	7 19	14 40	11 1	6 59
W 5	16 20	18 14	4 12	4 27	2 59	15 31	3 50	17 23	0n 0	23 17	0 5	8 15	2 8	23 37	0 13	21 15	0 47	16 9	7 14	6 54	7 20	14 37	11 1	7 0
T 6	16 37	22 41	4 44	4 51	3 1	15 8	3 35	17 35	0 1	23 17	0 6	8 16	2 8	23 37	0 13	21 15	0 47	16 9	7 14	6 58	7 21	14 34	11 0	7 0
F 7	16 54	26 2	5 1	5 16	3 2	14 46	3 21	17 48	0 2	23 16	0 6	8 16	2 8	23 37	0 13	21 15	0 47	16 9	7 14	7 2	7 23	14 31	10 59	7 1
S 8	17 10	27 56	5 1	5 42	3 2	14 24	3 6	18 0	0 2	23 16	0 6	8 16	2 8	23 37	0 13	21 15	0 47	16 9	7 14	7 6	7 24	14 28	10 59	7 1
S 9	17 26	28 7	4 44	6 10	3 2	14 3	2 52	18 12	0 3	23 15	0 6	8 16	2 8	23 37	0 13	21 15	0 47	16 9	7 14	7 9	7 25	14 25	10 58	7 2
M10	17 42	26 31	4 9	6 39	3 1	13 42	2 37	18 24	0 4	23 15	0 6	8 16	2 8	23 37	0 13	21 15	0 47	16 10	7 14	7 12	7 26	14 22	10 57	7 2
T 11	17 57	23 15	3 19	7 9	3 0	13 23	2 23	18 36	0 4	23 14	0 6	8 16	2 7	23 37	0 13	21 15	0 47	16 10	7 14	7 13	7 27	14 19	10 57	7 3
W12	18 13	18 36	2 17	7 40	2 58	13 5	2 9	18 47	0 5	23 13	0 6	8 16	2 7	23 37	0 13	21 15	0 47	16 10	7 13	7 14	7 29	14 16	10 56	7 3
T 13	18 27	12 55	1 7	8 12	2 55	12 48	1 55	18 58	0 6	23 13	0 6	8 16	2 7	23 37	0 13	21 15	0 47	16 10	7 13	7 14	7 30	14 13	10 56	7 4
F 14	18 42	6 34	0n 8	8 45	2 52	12 32	1 41	19 9	0 6	23 12	0 6	8 16	2 7	23 37	0 13	21 15	0 47	16 10	7 13	7 14	7 31	14 10	10 55	7 4
S 15	18 56	0n 5	1 21	9 19	2 49	12 17	1 28	19 20	0 7	23 11	0 6	8 16	2 7	23 37	0 14	21 16	0 47	16 10	7 13	7 14	7 32	14 7	10 55	7 5
S 16	19 10	6 42	2 30	9 54	2 44	12 3	1 15	19 31	0 8	23 10	0 6	8 16	2 7	23 37	0 14	21 16	0 47	16 10	7 13	7 15	7 33	14 4	10 54	7 5
M17	19 24	12 57	3 29	10 30	2 39	11 50	1 2	19 41	0 8	23 10	0 7	8 16	2 6	23 37	0 14	21 16	0 47	16 11	7 13	7 17	7 35	14 0	10 54	7 6
T 18	19 37	18 30	4 15	11 6	2 34	11 38	0 50	19 52	0 9	23 9	0 7	8 15	2 6	23 37	0 14	21 16	0 47	16 11	7 13	7 20	7 36	13 57	10 53	7 6
W19	19 50	23 1	4 46	11 43	2 28	11 28	0 37	20 2	0 9	23 8	0 7	8 15	2 6	23 37	0 14	21 16	0 47	16 11	7 13	7 24	7 37	13 54	10 53	7 7
T 20	20 2	26 13	5 0	12 21	2 22	11 18	0 25	20 12	0 10	23 7	0 7	8 15	2 6	23 37	0 14	21 16	0 47	16 11	7 12	7 29	7 38	13 51	10 53	7 7
F 21	20 15	27 55	4 58	12 59	2 15	11 10	0 14	20 22	0 11	23 6	0 7	8 15	2 6	23 37	0 14	21 16	0 47	16 11	7 12	7 34	7 39	13 48	10 52	7 8
S 22	20 27	28 5	4 40	13 37	2 8	11 3	0 3	20 31	0 11	23 6	0 7	8 14	2 6	23 37	0 14	21 16	0 47	16 11	7 12	7 38	7 41	13 45	10 52	7 8
S 23	20 38	26 46	4 10	14 16	2 0	10 57	0s 8	20 40	0 12	23 5	0 7	8 14	2 5	23 37	0 14	21 16	0 47	16 12	7 12	7 41	7 42	13 42	10 51	7 9
M24	20 49	24 11	3 28	14 55	1 52	10 52	0 19	20 50	0 13	23 4	0 7	8 13	2 5	23 38	0 14	21 17	0 47	16 12	7 12	7 44	7 43	13 39	10 51	7 9
T 25	21 0	20 34	2 38	15 34	1 43	10 48	0 29	20 59	0 13	23 3	0 7	8 13	2 5	23 38	0 14	21 17	0 47	16 12	7 12	7 46	7 44	13 36	10 51	7 10
W26	21 10	16 11	1 41	16 13	1 34	10 45	0 38	21 7	0 14	23 2	0 7	8 12	2 5	23 38	0 14	21 17	0 47	16 12	7 12	7 47	7 45	13 33	10 51	7 10
T 27	21 21	11 12	0 40	16 52	1 25	10 43	0 48	21 16	0 14	23 1	0 7	8 12	2 5	23 38	0 14	21 17	0 47	16 12	7 12	7 47	7 47	13 30	10 50	7 11
F 28	21 30	5 49	0s22	17 30	1 15	10 41	0 57	21 24	0 15	23 0	0 7	8 11	2 5	23 38	0 14	21 17	0 47	16 12	7 11	7 47	7 48	13 27	10 50	7 11
S 29	21 40	0 11	1 25	18 8	1 5	10 41	1 6	21 32	0 16	22 59	0 8	8 10	2 4	23 38	0 14	21 17	0 47	16 12	7 11	7 47	7 49	13 23	10 50	7 12
S 30	21 49	5s32	2 24	18 46	0 55	10 42	1 14	21 40	0 16	22 58	0 8	8 10	2 4	23 38	0 14	21 17	0 47	16 12	7 11	7 48	7 50	13 20	10 50	7 12
M31	21n57	11s11	3s18	19n23	0s44	10n43	1s22	21n48	0n17	22n57	0n 8	8n 9	2n 4	23s38	0s14	21s18	0n47	16n13	7s11	7s49	7s51	13n17	10s50	7n12

Julian Day Number = 2508643.5, Delta T = 126.11 sec
Ecliptic obliquity = 23°25'17, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°55'29, Lahiri = 26°02'30

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2156
geocentric

JUNE 2156 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 40 1	11♊ 5'32	3♏35	1♊53	2♉ 0	8♊ 3	12♋53	14♍10	2°R13	19°R 3	27♊22	9°R51	9♓50	27♌48	9°R47	T 1
W 2	16 43 57	12° 3'03	16°42	3°59	2°29	8°45	13° 6	14°12	2♉11	19♉ 2	27°23	9♓42	9°47	27°55	9♒46	W 2
T 3	16 47 54	13° 0'33	0♐12	6° 6	3° 0	9°28	13°18	14°13	2° 9	19° 0	27°25	9°31	9°43	28° 2	9°45	T 3
F 4	16 51 51	13°58'03	14° 2	8°14	3°32	10°10	13°31	14°15	2° 6	18°59	27°26	9°19	9°40	28° 8	9°43	F 4
S 5	16 55 47	14°55'31	28° 9	10°24	4° 5	10°52	13°44	14°17	2° 4	18°58	27°28	9° 7	9°37	28°15	9°42	S 5
S 6	16 59 44	15°52'58	12♑27	12°34	4°40	11°34	13°56	14°20	2° 2	18°57	27°29	8°58	9°34	28°21	9°40	S 6
M 7	17 3 40	16°50'25	26°51	14°46	5°16	12°16	14° 9	14°22	1°59	18°55	27°30	8°50	9°31	28°28	9°39	M 7
T 8	17 7 37	17°47'51	11♒15	16°58	5°53	12°58	14°22	14°24	1°57	18°54	27°32	8°46	9°27	28°35	9°37	T 8
W 9	17 11 33	18°45'16	25°35	19°10	6°31	13°40	14°34	14°27	1°55	18°53	27°33	8°44	9°24	28°41	9°36	W 9
T 10	17 15 30	19°42'40	9♓49	21°22	7°11	14°22	14°47	14°29	1°52	18°51	27°35	8°D43	9°21	28°48	9°34	T 10
F 11	17 19 26	20°40'04	23°54	23°34	7°51	15° 4	15° 0	14°32	1°50	18°50	27°36	8°R44	9°18	28°55	9°32	F 11
S 12	17 23 23	21°37'27	7♈50	25°45	8°33	15°46	15°13	14°34	1°48	18°49	27°37	8°43	9°15	29° 1	9°30	S 12
S 13	17 27 20	22°34'50	21°37	27°55	9°15	16°27	15°26	14°37	1°45	18°47	27°39	8°40	9°12	29° 8	9°28	S 13
M14	17 31 16	23°32'12	5♉15	0♋ 5	9°59	17° 9	15°39	14°40	1°43	18°46	27°40	8°35	9° 8	29°15	9°26	M14
T 15	17 35 13	24°29'34	18°42	2°12	10°43	17°51	15°52	14°43	1°40	18°44	27°42	8°27	9° 5	29°21	9°24	T 15
W16	17 39 9	25°26'56	1♊58	4°19	11°28	18°32	16° 5	14°46	1°38	18°43	27°43	8°17	9° 2	29°28	9°22	W16
T 17	17 43 6	26°24'17	15° 1	6°24	12°14	19°14	16°18	14°49	1°35	18°42	27°45	8° 5	8°59	29°35	9°20	T 17
F 18	17 47 2	27°21'37	27°50	8°27	13° 1	19°55	16°31	14°53	1°33	18°40	27°46	7°53	8°56	29°41	9°18	F 18
S 19	17 50 59	28°18'57	10♋25	10°28	13°49	20°37	16°44	14°56	1°31	18°39	27°47	7°42	8°53	29°48	9°16	S 19
S 20	17 54 55	29°16'16	22°46	12°27	14°37	21°18	16°58	15° 0	1°28	18°37	27°49	7°33	8°49	29°55	9°13	S 20
M21	17 58 52	0♋13'35	4♌55	14°24	15°26	22° 0	17°11	15° 3	1°26	18°36	27°50	7°26	8°46	0♍ 1	9°11	M21
T 22	18 2 49	1°10'52	16°52	16°19	16°16	22°41	17°24	15° 7	1°23	18°34	27°52	7°21	8°43	0° 8	9° 8	T 22
W23	18 6 45	2° 8'09	28°43	18°12	17° 6	23°22	17°37	15°10	1°21	18°32	27°53	7°19	8°40	0°15	9° 6	W23
T 24	18 10 42	3° 5'26	10♍30	20° 2	17°58	24° 4	17°51	15°14	1°18	18°31	27°55	7°D19	8°37	0°21	9° 3	T 24
F 25	18 14 38	4° 2'41	22°19	21°50	18°49	24°45	18° 4	15°18	1°16	18°29	27°56	7°19	8°33	0°28	9° 1	F 25
S 26	18 18 35	4°59'57	4♎15	23°36	19°42	25°26	18°17	15°22	1°13	18°28	27°57	7°R20	8°30	0°34	8°58	S 26
S 27	18 22 31	5°57'11	16°23	25°20	20°34	26° 7	18°31	15°26	1°11	18°26	27°59	7°19	8°27	0°41	8°56	S 27
M28	18 26 28	6°54'25	28°49	27° 1	21°28	26°48	18°44	15°30	1° 9	18°25	28° 0	7°17	8°24	0°48	8°53	M28
T 29	18 30 24	7°51'38	11♏36	28°40	22°22	27°29	18°57	15°34	1° 6	18°23	28° 2	7°13	8°21	0°54	8°50	T 29
W30	18 34 21	8♋48'51	24♏48	0♌17	23♉16	28♊10	19♋11	15♍39	1♉ 4	18♉21	28♊ 3	7♓ 6	8♓18	1♍ 1	8♒47	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n 5	16s30	4s 3	19n59	0s33	10n45	1s30	21n55	0n17	22n56	0n 8	8n 8	2n 4	23s38	0s14	21s18	0n47	16n13	7s11	7s52	7s53	13n14	10s49	7n13
W 2	22 13	21 14	4 37	20 33	0 23	10 48	1 37	22 3	0 18	22 55	0 8	8 7	2 4	23 38	0 14	21 18	0 47	16 13	7 11	7 56	7 54	13 11	10 49	7 13
T 3	22 21	25 0	4 57	21 7	0 12	10 52	1 44	22 10	0 19	22 53	0 8	8 6	2 4	23 38	0 14	21 18	0 47	16 13	7 11	8 0	7 55	13 8	10 49	7 14
F 4	22 28	27 25	5 0	21 39	0 1	10 57	1 51	22 16	0 19	22 52	0 8	8 5	2 3	23 38	0 14	21 18	0 47	16 13	7 11	8 4	7 56	13 5	10 49	7 14
S 5	22 34	28 9	4 44	22 9	0n 9	11 2	1 57	22 23	0 20	22 51	0 8	8 4	2 3	23 38	0 14	21 18	0 47	16 13	7 11	8 9	7 57	13 2	10 49	7 15
S 6	22 40	27 1	4 11	22 37	0 20	11 8	2 4	22 29	0 20	22 50	0 8	8 3	2 3	23 38	0 14	21 19	0 47	16 13	7 11	8 12	7 59	12 59	10 49	7 15
M 7	22 46	24 5	3 22	23 3	0 30	11 14	2 9	22 36	0 21	22 49	0 8	8 2	2 3	23 38	0 14	21 19	0 47	16 13	7 11	8 15	8 0	12 55	10 49	7 16
T 8	22 52	19 38	2 20	23 27	0 40	11 21	2 15	22 42	0 22	22 47	0 8	8 1	2 3	23 38	0 14	21 19	0 47	16 13	7 11	8 17	8 1	12 52	10 49	7 16
W 9	22 57	14 4	1 9	23 48	0 50	11 29	2 20	22 47	0 22	22 46	0 9	8 0	2 3	23 38	0 14	21 19	0 47	16 14	7 10	8 17	8 2	12 49	10 49	7 16
T 10	23 1	7 48	0n 6	24 7	0 59	11 37	2 25	22 53	0 23	22 45	0 9	7 59	2 2	23 38	0 14	21 19	0 47	16 14	7 10	8 18	8 3	12 46	10 49	7 17
F 11	23 6	1 12	1 20	24 23	1 7	11 45	2 30	22 58	0 23	22 43	0 9	7 58	2 2	23 38	0 14	21 19	0 47	16 14	7 10	8 18	8 5	12 43	10 49	7 17
S 12	23 9	5n22	2 28	24 36	1 15	11 54	2 34	23 4	0 24	22 42	0 9	7 57	2 2	23 38	0 14	21 20	0 47	16 14	7 10	8 18	8 6	12 40	10 49	7 18
S 13	23 13	11 37	3 26	24 47	1 23	12 4	2 38	23 8	0 25	22 41	0 9	7 56	2 2	23 39	0 14	21 20	0 47	16 14	7 10	8 19	8 7	12 37	10 49	7 18
M14	23 16	17 14	4 13	24 55	1 30	12 13	2 42	23 13	0 25	22 39	0 9	7 54	2 2	23 39	0 14	21 20	0 47	16 14	7 10	8 21	8 8	12 34	10 49	7 18
T 15	23 18	21 55	4 44	25 0	1 36	12 24	2 46	23 18	0 26	22 38	0 9	7 53	2 2	23 39	0 14	21 20	0 47	16 14	7 10	8 24	8 9	12 30	10 50	7 19
W16	23 21	25 26	5 0	25 2	1 41	12 34	2 50	23 22	0 26	22 36	0 9	7 52	2 2	23 39	0 14	21 20	0 47	16 14	7 10	8 28	8 11	12 27	10 50	7 19
T 17	23 22	27 32	4 59	25 2	1 46	12 45	2 53	23 26	0 27	22 35	0 9	7 50	2 1	23 39	0 14	21 21	0 47	16 14	7 10	8 32	8 12	12 24	10 50	7 20
F 18	23 24	28 8	4 44	24 59	1 50	12 56	2 56	23 30	0 27	22 33	0 9	7 49	2 1	23 39	0 14	21 21	0 47	16 14	7 10	8 36	8 13	12 21	10 50	7 20
S 19	23 25	27 15	4 15	24 53	1 53	13 8	2 59	23 33	0 28	22 32	0 9	7 47	2 1	23 39	0 14	21 21	0 47	16 14	7 10	8 41	8 14	12 18	10 50	7 20
S 20	23 25	25 1	3 34	24 45	1 55	13 19	3 1	23 37	0 29	22 30	0 9	7 46	2 1	23 39	0 14	21 21	0 47	16 14	7 10	8 44	8 15	12 15	10 51	7 21
M21	23 25	21 40	2 44	24 35	1 57	13 31	3 4	23 40	0 29	22 29	0 10	7 44	2 1	23 39	0 14	21 21	0 47	16 14	7 10	8 47	8 17	12 11	10 51	7 21
T 22	23 25	17 28	1 47	24 23	1 58	13 43	3 6	23 43	0 30	22 27	0 10	7 43	2 1	23 39	0 14	21 22	0 47	16 15	7 10	8 48	8 18	12 8	10 51	7 21
W23	23 24	12 38	0 46	24 8	1 58	13 56	3 8	23 46	0 30	22 25	0 10	7 41	2 0	23 39	0 14	21 22	0 47	16 15	7 10	8 49	8 19	12 5	10 51	7 22
T 24	23 23	7 22	0s17	23 52	1 58	14 8	3 9	23 48	0 31	22 24	0 10	7 40	2 0	23 39	0 14	21 22	0 47	16 15	7 10	8 49	8 20	12 2	10 52	7 22
F 25	23 22	1 50	1 19	23 34	1 56	14 21	3 11	23 50	0 31	22 22	0 10	7 38	2 0	23 39	0 14	21 22	0 47	16 15	7 10	8 49	8 21	11 59	10 52	7 22
S 26	23 20	3s49	2 19	23 14	1 54	14 33	3 12	23 53	0 32	22 20	0 10	7 36	2 0	23 39	0 14	21 22	0 47	16 15	7 10	8 49	8 22	11 56	10 52	7 23
S 27	23 17	9 25	3 13	22 53	1 52	14 46	3 14	23 54	0 33	22 19	0 10	7 35	2 0	23 39	0 14	21 23	0 47	16 15	7 10	8 49	8 24	11 52	10 53	7 23
M28	23 14	14 47	4 0	22 31	1 49	14 59	3 15	23 56	0 33	22 17	0 10	7 33	2 0	23 39	0 14	21 23	0 47	16 15	7 10	8 50	8 25	11 49	10 53	7 23
T 29	23 11	19 40	4 36	22 7	1 45	15 12	3 15	23 57	0 34	22 15	0 10	7 31	2 0	23 39	0 14	21 23	0 47	16 15	7 10	8 51	8 26	11 46	10 54	7 23
W30	23n 8	23s47	4s59	21n42	1n40	15n25	3s16	23n59	0n34	22n13	0n10	7n29	1n59	23s39	0s14	21s23	0n47	16n15	7s10	8s54	8s27	11n43	10s54	7n24

Julian Day Number = 2508674.5, Delta T = 126.17 sec
Ecliptic obliquity = 23°25'16, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°55'33, Lahiri = 26°02'34

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2156
geocentric

JULY 2156 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 38 18	9♋46'04	8♐27	1♌52	24♉11	28♊51	19♋24	15♍43	1°R 1	18°R20	28♊ 4	6°R58	8♓14	1♍ 8	8°R45	T 1
F 2	18 42 14	10°43'16	22°31	3°24	25° 7	29°32	19°37	15°48	0♑59	18♑18	28° 6	6♓49	8°11	1°14	8♒42	F 2
S 3	18 46 11	11°40'28	6♑55	4°54	26° 3	0♋12	19°51	15°52	0°56	18°17	28° 7	6°41	8° 8	1°21	8°39	S 3
S 4	18 50 7	12°37'40	21°35	6°21	26°59	0°53	20° 4	15°57	0°54	18°15	28° 9	6°33	8° 5	1°28	8°36	S 4
M 5	18 54 4	13°34'51	6♒23	7°46	27°56	1°34	20°18	16° 1	0°52	18°13	28°10	6°28	8° 2	1°34	8°33	M 5
T 6	18 58 0	14°32'03	21°11	9° 9	28°53	2°15	20°31	16° 6	0°49	18°12	28°11	6°25	7°59	1°41	8°30	T 6
W 7	19 1 57	15°29'15	5♓51	10°29	29°51	2°55	20°45	16°11	0°47	18°10	28°13	6°D24	7°55	1°48	8°27	W 7
T 8	19 5 54	16°26'27	20°20	11°47	0♊49	3°36	20°58	16°16	0°45	18° 9	28°14	6°25	7°52	1°54	8°24	T 8
F 9	19 9 50	17°23'39	4♈34	13° 2	1°48	4°16	21°12	16°21	0°42	18° 7	28°15	6°26	7°49	2° 1	8°21	F 9
S 10	19 13 47	18°20'52	18°32	14°14	2°47	4°57	21°25	16°26	0°40	18° 5	28°17	6°R26	7°46	2° 7	8°17	S 10
S 11	19 17 43	19°18'05	2♉12	15°24	3°46	5°37	21°38	16°31	0°38	18° 4	28°18	6°26	7°43	2°14	8°14	S 11
M12	19 21 40	20°15'19	15°37	16°32	4°46	6°18	21°52	16°36	0°36	18° 2	28°20	6°23	7°39	2°21	8°11	M12
T 13	19 25 36	21°12'33	28°47	17°36	5°46	6°58	22° 5	16°41	0°33	18° 1	28°21	6°18	7°36	2°27	8° 8	T 13
W14	19 29 33	22° 9'47	11♊43	18°37	6°46	7°38	22°19	16°47	0°31	17°59	28°22	6°12	7°33	2°34	8° 5	W14
T 15	19 33 29	23° 7'02	24°26	19°36	7°47	8°19	22°32	16°52	0°29	17°57	28°23	6° 5	7°30	2°41	8° 1	T 15
F 16	19 37 26	24° 4'17	6♋57	20°31	8°47	8°59	22°46	16°58	0°27	17°56	28°25	5°57	7°27	2°47	7°58	F 16
S 17	19 41 23	25° 1'33	19°16	21°24	9°49	9°39	22°59	17° 3	0°24	17°54	28°26	5°50	7°24	2°54	7°55	S 17
S 18	19 45 19	25°58'49	1♌24	22°12	10°50	10°19	23°13	17° 9	0°22	17°52	28°27	5°45	7°20	3° 1	7°51	S 18
M19	19 49 16	26°56'05	13°24	22°58	11°52	10°59	23°26	17°14	0°20	17°51	28°29	5°41	7°17	3° 7	7°48	M19
T 20	19 53 12	27°53'22	25°16	23°39	12°54	11°39	23°40	17°20	0°18	17°49	28°30	5°38	7°14	3°14	7°45	T 20
W21	19 57 9	28°50'39	7♍ 4	24°17	13°56	12°19	23°53	17°26	0°16	17°48	28°31	5°D38	7°11	3°21	7°41	W21
T 22	20 1 5	29°47'56	18°50	24°52	14°59	12°59	24° 7	17°32	0°14	17°46	28°32	5°39	7° 8	3°27	7°38	T 22
F 23	20 5 2	0♌45'13	0♎39	25°22	16° 2	13°39	24°20	17°38	0°12	17°44	28°34	5°40	7° 5	3°34	7°34	F 23
S 24	20 8 58	1°42'31	12°35	25°47	17° 5	14°19	24°34	17°43	0°10	17°43	28°35	5°42	7° 1	3°41	7°31	S 24
S 25	20 12 55	2°39'49	24°42	26° 9	18° 8	14°59	24°47	17°49	0° 8	17°41	28°36	5°43	6°58	3°47	7°28	S 25
M26	20 16 52	3°37'07	7♏ 6	26°25	19°12	15°39	25° 0	17°55	0° 6	17°40	28°37	5°R43	6°55	3°54	7°24	M26
T 27	20 20 48	4°34'25	19°51	26°38	20°16	16°18	25°14	18° 2	0° 4	17°38	28°39	5°42	6°52	4° 0	7°21	T 27
W28	20 24 45	5°31'44	3♐ 1	26°45	21°20	16°58	25°27	18° 8	0° 2	17°37	28°40	5°40	6°49	4° 7	7°17	W28
T 29	20 28 41	6°29'04	16°38	26°R47	22°24	17°38	25°40	18°14	0° 1	17°35	28°41	5°36	6°45	4°14	7°14	T 29
F 30	20 32 38	7°26'24	0♑43	26°44	23°28	18°17	25°54	18°20	29♐59	17°34	28°42	5°33	6°42	4°20	7°10	F 30
S 31	20 36 34	8♌23'44	15♑13	26♌36	24♊33	18♋57	26♋ 7	18♍26	29♐57	17♑32	28♊43	5♓29	6♓39	4♍27	7♒ 7	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n 4	26s43	5s 5	21n16	1n35	15n38	3s17	24n 0	0n35	22n11	0n10	7n28	1n59	23s39	0s14	21s24	0n47	16n15	7s10	8s57	8s28	11n40	10s55	7n24
F 2	22 59	28 6	4 54	20 50	1 29	15 50	3 17	24 1	0 35	22 10	0 11	7 26	1 59	23 39	0 14	21 24	0 47	16 15	7 10	9 0	8 30	11 37	10 55	7 24
S 3	22 55	27 38	4 24	20 22	1 23	16 3	3 17	24 1	0 36	22 8	0 11	7 24	1 59	23 39	0 14	21 24	0 47	16 15	7 10	9 3	8 31	11 33	10 56	7 25
S 4	22 49	25 16	3 37	19 54	1 16	16 16	3 17	24 1	0 36	22 6	0 11	7 22	1 59	23 39	0 14	21 24	0 47	16 15	7 9	9 6	8 32	11 30	10 56	7 25
M 5	22 44	21 9	2 34	19 25	1 9	16 29	3 17	24 2	0 37	22 4	0 11	7 20	1 59	23 39	0 14	21 24	0 47	16 15	7 9	9 8	8 33	11 27	10 57	7 25
T 6	22 38	15 43	1 21	18 56	1 1	16 42	3 17	24 2	0 37	22 2	0 11	7 18	1 59	23 39	0 14	21 25	0 47	16 15	7 9	9 9	8 34	11 24	10 57	7 25
W 7	22 31	9 24	0 3	18 26	0 52	16 54	3 16	24 1	0 38	22 0	0 11	7 16	1 59	23 39	0 14	21 25	0 47	16 15	7 9	9 9	8 36	11 21	10 58	7 25
T 8	22 25	2 41	1n14	17 56	0 44	17 7	3 16	24 1	0 39	21 58	0 11	7 14	1 58	23 39	0 14	21 25	0 47	16 15	7 9	9 9	8 37	11 17	10 58	7 26
F 9	22 17	4n 3	2 26	17 26	0 34	17 19	3 15	24 0	0 39	21 56	0 11	7 12	1 58	23 39	0 14	21 25	0 47	16 15	7 9	9 9	8 38	11 14	10 59	7 26
S 10	22 10	10 27	3 27	16 56	0 24	17 31	3 14	23 59	0 40	21 54	0 11	7 10	1 58	23 39	0 14	21 26	0 47	16 15	7 9	9 9	8 39	11 11	10 59	7 26
S 11	22 2	16 14	4 16	16 26	0 14	17 43	3 13	23 58	0 40	21 52	0 11	7 8	1 58	23 39	0 14	21 26	0 47	16 15	7 9	9 9	8 40	11 8	11 0	7 26
M12	21 54	21 6	4 49	15 56	0 3	17 55	3 12	23 57	0 41	21 50	0 11	7 6	1 58	23 39	0 14	21 26	0 47	16 15	7 10	9 10	8 41	11 5	11 1	7 26
T 13	21 45	24 51	5 6	15 26	0s 8	18 7	3 11	23 55	0 41	21 48	0 12	7 4	1 58	23 39	0 14	21 26	0 47	16 15	7 10	9 11	8 43	11 1	11 1	7 26
W14	21 36	27 15	5 7	14 56	0 19	18 18	3 10	23 54	0 42	21 46	0 12	7 1	1 58	23 39	0 14	21 26	0 47	16 15	7 10	9 14	8 44	10 58	11 2	7 27
T 15	21 27	28 11	4 53	14 26	0 31	18 29	3 8	23 52	0 42	21 44	0 12	6 59	1 58	23 39	0 14	21 27	0 47	16 15	7 10	9 16	8 45	10 55	11 3	7 27
F 16	21 17	27 39	4 25	13 57	0 43	18 40	3 7	23 50	0 43	21 42	0 12	6 57	1 58	23 39	0 14	21 27	0 47	16 15	7 10	9 19	8 46	10 52	11 3	7 27
S 17	21 7	25 45	3 45	13 29	0 55	18 51	3 5	23 47	0 43	21 40	0 12	6 55	1 57	23 39	0 14	21 27	0 47	16 15	7 10	9 22	8 47	10 49	11 4	7 27
S 18	20 56	22 41	2 55	13 1	1 8	19 2	3 3	23 45	0 44	21 37	0 12	6 52	1 57	23 39	0 14	21 27	0 47	16 15	7 10	9 24	8 49	10 45	11 5	7 27
M19	20 45	18 40	1 58	12 34	1 21	19 12	3 2	23 42	0 44	21 35	0 12	6 50	1 57	23 39	0 14	21 28	0 47	16 15	7 10	9 25	8 50	10 42	11 6	7 27
T 20	20 34	13 58	0 56	12 8	1 34	19 21	3 0	23 39	0 45	21 33	0 12	6 48	1 57	23 39	0 14	21 28	0 47	16 15	7 10	9 26	8 51	10 39	11 6	7 27
W21	20 23	8 47	0s 8	11 43	1 48	19 31	2 58	23 36	0 45	21 31	0 12	6 46	1 57	23 39	0 14	21 28	0 47	16 15	7 10	9 26	8 52	10 36	11 7	7 27
T 22	20 11	3 19	1 12	11 19	2 1	19 40	2 55	23 33	0 46	21 29	0 12	6 43	1 57	23 39	0 14	21 28	0 47	16 15	7 10	9 26	8 53	10 32	11 8	7 27
F 23	19 58	2s17	2 13	10 57	2 15	19 49	2 53	23 29	0 46	21 26	0 12	6 41	1 57	23 39	0 14	21 29	0 47	16 15	7 10	9 26	8 54	10 29	11 9	7 27
S 24	19 46	7 51	3 8	10 35	2 28	19 58	2 51	23 26	0 47	21 24	0 13	6 38	1 57	23 39	0 14	21 29	0 47	16 15	7 10	9 25	8 56	10 26	11 9	7 28
S 25	19 33	13 14	3 57	10 15	2 42	20 6	2 49	23 22	0 47	21 22	0 13	6 36	1 57	23 39	0 14	21 29	0 47	16 15	7 10	9 25	8 57	10 23	11 10	7 28
M26	19 20	18 12	4 35	9 57	2 55	20 13	2 46	23 18	0 48	21 19	0 13	6 34	1 57	23 39	0 14	21 29	0 47	16 15	7 10	9 24	8 58	10 20	11 11	7 28
T 27	19 6	22 31	5 2	9 40	3 9	20 21	2 43	23 14	0 48	21 17	0 13	6 31	1 56	23 40	0 14	21 29	0 47	16 15	7 10	9 25	8 59	10 16	11 12	7 28
W28	18 52	25 52	5 13	9 26	3 22	20 28	2 41	23 9	0 49	21 15	0 13	6 29	1 56	23 40	0 14	21 30	0 47	16 15	7 10	9 26	9 0	10 13	11 13	7 28
T 29	18 38	27 51	5 8	9 13	3 34	20 34	2 38	23 4	0 49	21 12	0 13	6 26	1 56	23 40	0 14	21 30	0 47	16 15	7 10	9 27	9 1	10 10	11 14	7 28
F 30	18 24	28 9	4 44	9 2	3 47	20 41	2 35	23 0	0 50	21 10	0 13	6 24	1 56	23 40	0 14	21 30	0 47	16 15	7 10	9 28	9 3	10 7	11 14	7 28
S 31	18n 9	26s33	4s 2	8n54	3s58	20n46	2s32	22n55	0n50	21n 8	0n13	6n21	1n56	23s40	0s14	21s30	0n47	16n15	7s10	9s30	9s 4	10n 3	11s15	7n28

Julian Day Number = 2508704.5, Delta T = 126.23 sec
Ecliptic obliquity = 23°25'16, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°55'38, Lahiri = 26°02'38

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2156
geocentric

AUGUST 2156 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 40 31	9♌21'05	0♒ 3	26°R24	25♊38	19♋37	26♋20	18♍33	29°R55	17°R31	28♊44	5°R25	6♓36	4♍34	7°R 4	S 1
M 2	20 44 27	10°18'27	15° 6	26♌ 6	26°43	20°16	26°34	18°39	29♐54	17♑29	28°45	5♓23	6°33	4°40	7♒ 0	M 2
T 3	20 48 24	11°15'50	0♓12	25°43	27°48	20°56	26°47	18°46	29°52	17°28	28°47	5°D22	6°30	4°47	6°57	T 3
W 4	20 52 21	12°13'13	15°13	25°15	28°54	21°35	27° 0	18°52	29°51	17°26	28°48	5°22	6°26	4°54	6°53	W 4
T 5	20 56 17	13°10'38	0♈ 1	24°43	29°59	22°14	27°13	18°59	29°49	17°25	28°49	5°23	6°23	5° 0	6°50	T 5
F 6	21 0 14	14° 8'03	14°30	24° 7	1♋ 5	22°54	27°26	19° 5	29°47	17°24	28°50	5°25	6°20	5° 7	6°46	F 6
S 7	21 4 10	15° 5'30	28°38	23°27	2°11	23°33	27°40	19°12	29°46	17°22	28°51	5°26	6°17	5°14	6°43	S 7
S 8	21 8 7	16° 2'58	12♉22	22°44	3°17	24°12	27°53	19°19	29°44	17°21	28°52	5°R26	6°14	5°20	6°40	S 8
M 9	21 12 3	17° 0'27	25°45	21°59	4°24	24°51	28° 6	19°25	29°43	17°19	28°53	5°26	6°11	5°27	6°36	M 9
T 10	21 16 0	17°57'58	8♊47	21°12	5°30	25°31	28°19	19°32	29°42	17°18	28°54	5°25	6° 7	5°33	6°33	T 10
W11	21 19 56	18°55'30	21°31	20°24	6°37	26°10	28°32	19°39	29°40	17°17	28°55	5°24	6° 4	5°40	6°30	W11
T 12	21 23 53	19°53'04	3♋59	19°36	7°44	26°49	28°45	19°46	29°39	17°15	28°56	5°21	6° 1	5°47	6°26	T 12
F 13	21 27 50	20°50'38	16°15	18°49	8°51	27°28	28°58	19°53	29°38	17°14	28°57	5°19	5°58	5°53	6°23	F 13
S 14	21 31 46	21°48'14	28°21	18° 4	9°58	28° 7	29°11	19°59	29°37	17°13	28°58	5°17	5°55	6° 0	6°20	S 14
S 15	21 35 43	22°45'52	10♌19	17°22	11° 6	28°46	29°24	20° 6	29°36	17°12	28°59	5°16	5°51	6° 7	6°17	S 15
M16	21 39 39	23°43'30	22°10	16°43	12°13	29°25	29°36	20°13	29°34	17°10	29° 0	5°15	5°48	6°13	6°13	M16
T 17	21 43 36	24°41'09	3♍58	16° 9	13°21	0♌ 4	29°49	20°20	29°33	17° 9	29° 0	5°D14	5°45	6°20	6°10	T 17
W18	21 47 32	25°38'50	15°45	15°40	14°29	0°43	0♌ 2	20°27	29°32	17° 8	29° 1	5°15	5°42	6°27	6° 7	W18
T 19	21 51 29	26°36'32	27°33	15°16	15°37	1°22	0°15	20°34	29°31	17° 7	29° 2	5°15	5°39	6°33	6° 4	T 19
F 20	21 55 25	27°34'15	9♎24	14°59	16°45	2° 0	0°27	20°42	29°30	17° 6	29° 3	5°16	5°36	6°40	6° 1	F 20
S 21	21 59 22	28°31'59	21°23	14°49	17°53	2°39	0°40	20°49	29°30	17° 5	29° 4	5°17	5°32	6°47	5°58	S 21
S 22	22 3 19	29°29'44	3♏33	14°D46	19° 1	3°18	0°53	20°56	29°29	17° 3	29° 5	5°17	5°29	6°53	5°55	S 22
M23	22 7 15	0♍27'31	15°57	14°51	20°10	3°57	1° 5	21° 3	29°28	17° 2	29° 5	5°18	5°26	7° 0	5°52	M23
T 24	22 11 12	1°25'18	28°40	15° 3	21°19	4°35	1°18	21°10	29°27	17° 1	29° 6	5°R18	5°23	7° 7	5°49	T 24
W25	22 15 8	2°23'07	11♐45	15°23	22°27	5°14	1°30	21°17	29°26	17° 0	29° 7	5°18	5°20	7°13	5°46	W25
T 26	22 19 5	3°20'57	25°14	15°51	23°36	5°52	1°42	21°25	29°26	16°59	29° 8	5°18	5°17	7°20	5°43	T 26
F 27	22 23 1	4°18'48	9♑11	16°26	24°45	6°31	1°55	21°32	29°25	16°58	29° 8	5°18	5°13	7°26	5°40	F 27
S 28	22 26 58	5°16'40	23°33	17° 9	25°54	7° 9	2° 7	21°39	29°25	16°57	29° 9	5°D18	5°10	7°33	5°37	S 28
S 29	22 30 54	6°14'34	8♒19	17°59	27° 4	7°48	2°19	21°47	29°24	16°56	29°10	5°18	5° 7	7°40	5°35	S 29
M30	22 34 51	7°12'29	23°22	18°56	28°13	8°26	2°31	21°54	29°24	16°56	29°10	5°18	5° 4	7°46	5°32	M30
T 31	22 38 48	8♍10'25	8♓34	20♌ 1	29♋22	9♌ 5	2♌43	22♍ 1	29♐23	16♑55	29♊11	5°R18	5♓ 1	7♍53	5♒29	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n54	23s 5	3s 2	8n48	4s 9	20n52	2s30	22n50	0n51	21n 5	0n13	6n18	1n56	23s40	0s14	21s30	0n46	16n15	7s10	9s31	9s 5	10n 0	11s16	7n27
M 2	17 39	18 2	1 49	8 44	4 19	20 56	2 27	22 44	0 51	21 3	0 13	6 16	1 56	23 40	0 14	21 31	0 46	16 15	7 10	9 32	9 6	9 57	11 17	7 27
T 3	17 23	11 50	0 28	8 43	4 28	21 1	2 23	22 39	0 52	21 0	0 14	6 13	1 56	23 40	0 14	21 31	0 46	16 15	7 10	9 32	9 7	9 54	11 18	7 27
W 4	17 7	4 59	0n54	8 45	4 36	21 5	2 20	22 33	0 52	20 58	0 14	6 11	1 56	23 40	0 14	21 31	0 46	16 15	7 10	9 32	9 8	9 50	11 19	7 27
T 5	16 51	2n 1	2 12	8 49	4 43	21 8	2 17	22 27	0 53	20 55	0 14	6 8	1 56	23 40	0 14	21 31	0 46	16 15	7 10	9 32	9 10	9 47	11 20	7 27
F 6	16 35	8 47	3 19	8 56	4 49	21 11	2 14	22 21	0 53	20 53	0 14	6 5	1 56	23 40	0 14	21 31	0 46	16 14	7 11	9 31	9 11	9 44	11 21	7 27
S 7	16 18	14 55	4 13	9 5	4 52	21 13	2 11	22 15	0 54	20 50	0 14	6 3	1 56	23 40	0 14	21 32	0 46	16 14	7 11	9 31	9 12	9 41	11 22	7 27
S 8	16 1	20 9	4 51	9 17	4 55	21 15	2 7	22 9	0 54	20 48	0 14	6 0	1 56	23 40	0 14	21 32	0 46	16 14	7 11	9 31	9 13	9 37	11 22	7 27
M 9	15 44	24 13	5 11	9 31	4 55	21 17	2 4	22 2	0 55	20 45	0 14	5 57	1 56	23 39	0 14	21 32	0 46	16 14	7 11	9 31	9 14	9 34	11 23	7 27
T 10	15 26	26 56	5 15	9 47	4 54	21 18	2 1	21 55	0 55	20 43	0 14	5 55	1 56	23 39	0 14	21 32	0 46	16 14	7 11	9 31	9 16	9 31	11 24	7 27
W11	15 8	28 12	5 4	10 5	4 51	21 18	1 57	21 49	0 55	20 40	0 14	5 52	1 55	23 39	0 14	21 32	0 46	16 14	7 11	9 32	9 17	9 28	11 25	7 26
T 12	14 50	27 59	4 38	10 24	4 46	21 18	1 54	21 42	0 56	20 38	0 14	5 49	1 55	23 39	0 14	21 33	0 46	16 14	7 11	9 32	9 18	9 24	11 26	7 26
F 13	14 32	26 23	3 59	10 45	4 39	21 18	1 50	21 34	0 56	20 35	0 15	5 47	1 55	23 39	0 14	21 33	0 46	16 14	7 11	9 33	9 19	9 21	11 27	7 26
S 14	14 14	23 35	3 10	11 7	4 30	21 16	1 47	21 27	0 57	20 33	0 15	5 44	1 55	23 39	0 14	21 33	0 46	16 14	7 11	9 34	9 20	9 18	11 28	7 26
S 15	13 55	19 48	2 14	11 29	4 20	21 15	1 43	21 20	0 57	20 30	0 15	5 41	1 55	23 39	0 14	21 33	0 46	16 14	7 11	9 34	9 21	9 14	11 29	7 26
M16	13 36	15 15	1 12	11 52	4 8	21 12	1 40	21 12	0 58	20 28	0 15	5 38	1 55	23 39	0 14	21 33	0 46	16 14	7 11	9 35	9 23	9 11	11 30	7 26
T 17	13 17	10 9	0 7	12 14	3 55	21 10	1 36	21 4	0 58	20 25	0 15	5 35	1 55	23 39	0 14	21 34	0 46	16 14	7 11	9 35	9 24	9 8	11 31	7 25
W18	12 58	4 43	0s58	12 37	3 41	21 6	1 32	20 56	0 59	20 22	0 15	5 33	1 55	23 39	0 14	21 34	0 46	16 14	7 11	9 35	9 25	9 5	11 32	7 25
T 19	12 38	0s52	2 1	12 58	3 25	21 2	1 29	20 48	0 59	20 20	0 15	5 30	1 55	23 39	0 14	21 34	0 46	16 14	7 12	9 35	9 26	9 1	11 33	7 25
F 20	12 18	6 28	2 59	13 19	3 9	20 58	1 25	20 40	1 0	20 17	0 15	5 27	1 55	23 39	0 14	21 34	0 46	16 13	7 12	9 34	9 27	8 58	11 34	7 25
S 21	11 59	11 53	3 49	13 38	2 52	20 53	1 21	20 32	1 0	20 15	0 15	5 24	1 55	23 39	0 14	21 34	0 46	16 13	7 12	9 34	9 28	8 55	11 35	7 25
S 22	11 38	16 55	4 30	13 56	2 34	20 47	1 18	20 23	1 0	20 12	0 16	5 21	1 55	23 39	0 14	21 34	0 46	16 13	7 12	9 34	9 30	8 52	11 36	7 24
M23	11 18	21 23	5 0	14 12	2 16	20 41	1 14	20 14	1 1	20 9	0 16	5 18	1 55	23 39	0 14	21 35	0 46	16 13	7 12	9 34	9 31	8 48	11 37	7 24
T 24	10 58	24 58	5 16	14 25	1 59	20 35	1 10	20 6	1 1	20 7	0 16	5 16	1 55	23 39	0 14	21 35	0 46	16 13	7 12	9 34	9 32	8 45	11 38	7 24
W25	10 37	27 23	5 16	14 37	1 41	20 27	1 7	19 57	1 2	20 4	0 16	5 13	1 55	23 39	0 14	21 35	0 46	16 13	7 12	9 34	9 33	8 42	11 39	7 23
T 26	10 16	28 19	4 59	14 45	1 23	20 20	1 3	19 48	1 2	20 2	0 16	5 10	1 55	23 39	0 14	21 35	0 46	16 13	7 12	9 34	9 34	8 38	11 40	7 23
F 27	9 55	27 30	4 24	14 52	1 5	20 11	0 59	19 38	1 3	19 59	0 16	5 7	1 55	23 39	0 14	21 35	0 46	16 13	7 12	9 34	9 35	8 35	11 40	7 23
S 28	9 34	24 51	3 32	14 55	0 48	20 3	0 55	19 29	1 3	19 56	0 16	5 4	1 55	23 39	0 14	21 35	0 46	16 13	7 12	9 34	9 37	8 32	11 41	7 23
S 29	9 13	20 30	2 24	14 55	0 32	19 53	0 52	19 20	1 4	19 54	0 16	5 1	1 55	23 39	0 14	21 36	0 46	16 13	7 12	9 34	9 38	8 29	11 42	7 22
M30	8 51	14 46	1 6	14 53	0 16	19 43	0 48	19 10	1 4	19 51	0 16	4 58	1 55	23 39	0 14	21 36	0 46	16 13	7 13	9 34	9 39	8 25	11 43	7 22
T 31	8n30	8s 4	0n18	14n47	0s 1	19n33	0s44	19n 1	1n 4	19n48	0n17	4n55	1n55	23s39	0s14	21s36	0n46	16n12	7s13	9s34	9s40	8n22	11s44	7n22

Julian Day Number = 2508735.5, Delta T = 126.29 sec
Ecliptic obliquity = 23°25'16, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°55'42, Lahiri = 26°02'42

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2156
geocentric

SEPTEMBER 2156 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 42 44	9♍ 8'23	23♓45	21♌12	0♌32	9♌43	2♌56	22♍ 9	29°R23	16°R54	29♊12	5°R18	4♓57	8♍ 0	5°R27	W 1
T 2	22 46 41	10° 6'22	8♈47	22°28	1°42	10°21	3° 7	22°16	29♐23	16♑53	29°12	5♓17	4°54	8° 6	5♒24	T 2
F 3	22 50 37	11° 4'23	23°31	23°51	2°52	11° 0	3°19	22°23	29°22	16°52	29°13	5°17	4°51	8°13	5°21	F 3
S 4	22 54 34	12° 2'27	7♉52	25°19	4° 2	11°38	3°31	22°31	29°22	16°51	29°13	5°16	4°48	8°20	5°19	S 4
S 5	22 58 30	13° 0'32	21°46	26°51	5°12	12°16	3°43	22°38	29°22	16°51	29°14	5°15	4°45	8°26	5°17	S 5
M 6	23 2 27	13°58'39	5♊14	28°28	6°22	12°54	3°55	22°46	29°22	16°50	29°14	5°15	4°42	8°33	5°14	M 6
T 7	23 6 23	14°56'48	18°16	0♍ 9	7°32	13°32	4° 6	22°53	29°D22	16°49	29°15	5°D15	4°38	8°40	5°12	T 7
W 8	23 10 20	15°54'59	0♋56	1°52	8°43	14°10	4°18	23° 1	29°22	16°49	29°15	5°15	4°35	8°46	5°10	W 8
T 9	23 14 17	16°53'12	13°18	3°39	9°53	14°48	4°30	23° 8	29°22	16°48	29°16	5°16	4°32	8°53	5° 7	T 9
F 10	23 18 13	17°51'27	25°25	5°27	11° 4	15°26	4°41	23°16	29°22	16°47	29°16	5°17	4°29	8°59	5° 5	F 10
S 11	23 22 10	18°49'44	7♌23	7°18	12°15	16° 4	4°52	23°23	29°22	16°47	29°17	5°18	4°26	9° 6	5° 3	S 11
S 12	23 26 6	19°48'02	19°13	9°10	13°26	16°42	5° 4	23°31	29°22	16°46	29°17	5°19	4°23	9°13	5° 1	S 12
M13	23 30 3	20°46'23	1♍ 1	11° 3	14°37	17°20	5°15	23°38	29°23	16°46	29°17	5°R20	4°19	9°19	4°59	M13
T 14	23 33 59	21°44'46	12°48	12°56	15°48	17°58	5°26	23°46	29°23	16°45	29°18	5°20	4°16	9°26	4°57	T 14
W15	23 37 56	22°43'10	24°36	14°50	16°59	18°36	5°37	23°53	29°23	16°45	29°18	5°19	4°13	9°33	4°55	W15
T 16	23 41 52	23°41'36	6♎29	16°44	18°10	19°14	5°48	24° 1	29°24	16°45	29°18	5°17	4°10	9°39	4°53	T 16
F 17	23 45 49	24°40'04	18°29	18°38	19°21	19°51	5°59	24° 8	29°24	16°44	29°19	5°14	4° 7	9°46	4°52	F 17
S 18	23 49 46	25°38'34	0♏36	20°32	20°33	20°29	6°10	24°16	29°25	16°44	29°19	5°11	4° 3	9°53	4°50	S 18
S 19	23 53 42	26°37'05	12°54	22°25	21°44	21° 7	6°20	24°23	29°25	16°44	29°19	5° 8	4° 0	9°59	4°48	S 19
M20	23 57 39	27°35'39	25°24	24°18	22°56	21°44	6°31	24°31	29°26	16°43	29°19	5° 5	3°57	10° 6	4°47	M20
T 21	0 1 35	28°34'14	8♐10	26°10	24° 8	22°22	6°42	24°38	29°27	16°43	29°19	5° 2	3°54	10°13	4°45	T 21
W22	0 5 32	29°32'50	21°13	28° 1	25°19	22°59	6°52	24°46	29°27	16°43	29°20	5° 1	3°51	10°19	4°44	W22
T 23	0 9 28	0♎31'29	4♑36	29°52	26°31	23°37	7° 2	24°53	29°28	16°43	29°20	5°D 1	3°48	10°26	4°43	T 23
F 24	0 13 25	1°30'09	18°21	1♎41	27°43	24°14	7°13	25° 1	29°29	16°42	29°20	5° 2	3°44	10°32	4°41	F 24
S 25	0 17 21	2°28'50	2♒29	3°30	28°55	24°52	7°23	25° 8	29°30	16°42	29°20	5° 3	3°41	10°39	4°40	S 25
S 26	0 21 18	3°27'33	16°59	5°18	0♍ 7	25°29	7°33	25°16	29°31	16°42	29°20	5° 4	3°38	10°46	4°39	S 26
M27	0 25 15	4°26'18	1♓48	7° 5	1°19	26° 6	7°43	25°23	29°32	16°42	29°20	5°R 5	3°35	10°52	4°38	M27
T 28	0 29 11	5°25'05	16°49	8°51	2°32	26°44	7°53	25°30	29°33	16°D42	29°20	5° 5	3°32	10°59	4°37	T 28
W29	0 33 8	6°23'53	1♈56	10°36	3°44	27°21	8° 2	25°38	29°34	16°42	29°R20	5° 3	3°28	11° 6	4°36	W29
T 30	0 37 4	7♎22'44	16♈58	12♎20	4♍56	27♌58	8♌12	25♍45	29♐35	16♑42	29♊20	4♓59	3♓25	11♍12	4♒35	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	8n 8	0s56	1n41	14n38	0n13	19n22	0s41	18n51	1n 5	19n46	0n17	4n53	1n55	23s39	0s14	21s36	0n46	16n12	7s13	9s34	9s41	8n19	11s45	7n21	W 1
T 2	7 46	6n10	2 56	14 26	0 26	19 10	0 37	18 41	1 5	19 43	0 17	4 50	1 55	23 39	0 14	21 36	0 46	16 12	7 13	9 34	9 42	8 15	11 46	7 21	T 2
F 3	7 24	12 48	3 57	14 10	0 39	18 58	0 33	18 31	1 6	19 40	0 17	4 47	1 55	23 39	0 14	21 36	0 46	16 12	7 13	9 34	9 43	8 12	11 47	7 21	F 3
S 4	7 2	18 34	4 42	13 51	0 50	18 45	0 30	18 21	1 6	19 38	0 17	4 44	1 55	23 39	0 14	21 36	0 46	16 12	7 13	9 34	9 45	8 9	11 48	7 20	S 4
S 5	6 40	23 10	5 9	13 30	1 0	18 32	0 26	18 10	1 7	19 35	0 17	4 41	1 55	23 39	0 14	21 36	0 46	16 12	7 13	9 35	9 46	8 6	11 49	7 20	S 5
M 6	6 18	26 22	5 17	13 5	1 10	18 18	0 22	18 0	1 7	19 32	0 17	4 38	1 55	23 39	0 14	21 37	0 46	16 12	7 13	9 35	9 47	8 2	11 50	7 20	M 6
T 7	5 56	28 2	5 9	12 38	1 18	18 4	0 19	17 49	1 7	19 30	0 17	4 35	1 55	23 39	0 14	21 37	0 45	16 12	7 13	9 35	9 48	7 59	11 51	7 19	T 7
W 8	5 33	28 11	4 46	12 7	1 25	17 49	0 15	17 39	1 8	19 27	0 18	4 32	1 55	23 39	0 14	21 37	0 45	16 12	7 14	9 35	9 49	7 56	11 52	7 19	W 8
T 9	5 10	26 54	4 10	11 35	1 31	17 34	0 12	17 28	1 8	19 25	0 18	4 29	1 55	23 39	0 14	21 37	0 45	16 12	7 14	9 34	9 50	7 52	11 53	7 18	T 9
F 10	4 48	24 22	3 24	11 0	1 36	17 18	0 8	17 17	1 9	19 22	0 18	4 26	1 55	23 39	0 14	21 37	0 45	16 11	7 14	9 34	9 52	7 49	11 53	7 18	F 10
S 11	4 25	20 49	2 29	10 23	1 41	17 2	0 5	17 6	1 9	19 19	0 18	4 23	1 55	23 39	0 14	21 37	0 45	16 11	7 14	9 34	9 53	7 46	11 54	7 18	S 11
S 12	4 2	16 26	1 28	9 44	1 44	16 45	0 1	16 55	1 9	19 17	0 18	4 20	1 55	23 39	0 14	21 37	0 45	16 11	7 14	9 33	9 54	7 42	11 55	7 17	S 12
M13	3 39	11 29	0 24	9 3	1 46	16 28	0n 2	16 44	1 10	19 14	0 18	4 17	1 55	23 39	0 14	21 37	0 45	16 11	7 14	9 33	9 55	7 39	11 56	7 17	M13
T 14	3 16	6 7	0s41	8 21	1 48	16 11	0 5	16 33	1 10	19 12	0 18	4 14	1 55	23 39	0 14	21 37	0 45	16 11	7 14	9 33	9 56	7 36	11 57	7 16	T 14
W15	2 53	0 32	1 45	7 38	1 48	15 52	0 9	16 22	1 11	19 9	0 18	4 12	1 55	23 39	0 14	21 37	0 45	16 11	7 14	9 33	9 57	7 32	11 58	7 16	W15
T 16	2 30	5s 5	2 44	6 54	1 48	15 34	0 12	16 10	1 11	19 6	0 19	4 9	1 55	23 39	0 14	21 38	0 45	16 11	7 14	9 34	9 59	7 29	11 59	7 15	T 16
F 17	2 7	10 34	3 36	6 9	1 48	15 15	0 15	15 59	1 11	19 4	0 19	4 6	1 55	23 39	0 14	21 38	0 45	16 11	7 15	9 35	10 0	7 26	11 59	7 15	F 17
S 18	1 44	15 43	4 20	5 23	1 46	14 55	0 18	15 47	1 12	19 1	0 19	4 3	1 55	23 39	0 14	21 38	0 45	16 11	7 15	9 36	10 1	7 23	12 0	7 15	S 18
S 19	1 21	20 19	4 51	4 36	1 44	14 35	0 22	15 36	1 12	18 59	0 19	4 0	1 56	23 39	0 14	21 38	0 45	16 10	7 15	9 37	10 2	7 19	12 1	7 14	S 19
M20	0 57	24 7	5 10	3 49	1 42	14 15	0 25	15 24	1 13	18 56	0 19	3 57	1 56	23 39	0 14	21 38	0 45	16 10	7 15	9 39	10 3	7 16	12 2	7 14	M20
T 21	0 34	26 49	5 14	3 2	1 39	13 54	0 28	15 12	1 13	18 54	0 19	3 54	1 56	23 39	0 14	21 38	0 45	16 10	7 15	9 39	10 4	7 13	12 3	7 13	T 21
W22	0 11	28 9	5 2	2 15	1 35	13 33	0 31	15 0	1 13	18 51	0 19	3 51	1 56	23 39	0 14	21 38	0 45	16 10	7 15	9 40	10 5	7 9	12 3	7 13	W22
T 23	0s13	27 54	4 34	1 27	1 31	13 12	0 34	14 48	1 14	18 49	0 20	3 48	1 56	23 39	0 14	21 38	0 45	16 10	7 15	9 40	10 7	7 6	12 4	7 12	T 23
F 24	0 36	25 57	3 49	0 40	1 27	12 50	0 37	14 36	1 14	18 46	0 20	3 45	1 56	23 39	0 14	21 38	0 45	16 10	7 15	9 40	10 8	7 3	12 5	7 12	F 24
S 25	0 59	22 20	2 50	0s 8	1 23	12 27	0 39	14 24	1 15	18 44	0 20	3 42	1 56	23 39	0 14	21 38	0 45	16 10	7 15	9 39	10 9	6 59	12 6	7 11	S 25
S 26	1 22	17 17	1 38	0 55	1 18	12 5	0 42	14 12	1 15	18 41	0 20	3 39	1 56	23 39	0 14	21 38	0 45	16 10	7 16	9 39	10 10	6 56	12 6	7 11	S 26
M27	1 46	11 7	0 18	1 42	1 12	11 42	0 45	13 59	1 15	18 39	0 20	3 37	1 56	23 39	0 14	21 38	0 45	16 9	7 16	9 38	10 11	6 53	12 7	7 10	M27
T 28	2 9	4 13	1n 4	2 29	1 7	11 18	0 48	13 47	1 16	18 37	0 20	3 34	1 56	23 39	0 14	21 38	0 45	16 9	7 16	9 38	10 12	6 49	12 8	7 10	T 28
W29	2 32	2n56	2 22	3 15	1 1	10 55	0 50	13 35	1 16	18 34	0 20	3 31	1 56	23 39	0 14	21 38	0 45	16 9	7 16	9 39	10 14	6 46	12 9	7 9	W29
T 30	2s56	9n53	3n29	4s 1	0n55	10n31	0n53	13n22	1n17	18n32	0n21	3n28	1n56	23s39	0s14	21s38	0n45	16n 9	7s16	9s40	10s15	6n43	12s 9	7n 9	T 30

Julian Day Number = 2508766.5, Delta T = 126.35 sec
Ecliptic obliquity = 23°25'17, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°55'46, Lahiri = 26°02'47

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2156
geocentric

OCTOBER 2156 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 41 1	8♎21'36	1♉48	14♎ 3	6♍ 9	28♌35	8♌22	25♍53	29♐36	16♑42	29°R20	4°R55	3♓22	11♍19	4°R34	F 1
S 2	0 44 57	9°20'31	16°17	15°45	7°22	29°12	8°31	26° 0	29°37	16°42	29♊20	4♓50	3°19	11°26	4♒33	S 2
S 3	0 48 54	10°19'28	0♊20	17°26	8°34	29°49	8°40	26° 7	29°39	16°43	29°20	4°45	3°16	11°32	4°33	S 3
M 4	0 52 50	11°18'27	13°55	19° 7	9°47	0♍27	8°50	26°15	29°40	16°43	29°20	4°41	3°13	11°39	4°32	M 4
T 5	0 56 47	12°17'28	27° 2	20°47	11° 0	1° 4	8°59	26°22	29°41	16°43	29°20	4°38	3° 9	11°46	4°32	T 5
W 6	1 0 44	13°16'32	9♋44	22°25	12°13	1°41	9° 8	26°29	29°43	16°43	29°19	4°D37	3° 6	11°52	4°31	W 6
T 7	1 4 40	14°15'38	22° 5	24° 3	13°26	2°17	9°17	26°37	29°44	16°44	29°19	4°37	3° 3	11°59	4°31	T 7
F 8	1 8 37	15°14'47	4♌10	25°41	14°39	2°54	9°25	26°44	29°46	16°44	29°19	4°38	3° 0	12° 6	4°30	F 8
S 9	1 12 33	16°13'57	16° 4	27°17	15°52	3°31	9°34	26°51	29°47	16°44	29°19	4°40	2°57	12°12	4°30	S 9
S 10	1 16 30	17°13'10	27°52	28°53	17° 5	4° 8	9°42	26°58	29°49	16°45	29°19	4°41	2°54	12°19	4°30	S 10
M11	1 20 26	18°12'25	9♍39	0♏27	18°18	4°45	9°51	27° 6	29°51	16°45	29°18	4°R41	2°50	12°25	4°30	M11
T 12	1 24 23	19°11'42	21°27	2° 1	19°32	5°22	9°59	27°13	29°52	16°45	29°18	4°39	2°47	12°32	4°D30	T 12
W13	1 28 19	20°11'01	3♎21	3°35	20°45	5°58	10° 7	27°20	29°54	16°46	29°18	4°36	2°44	12°39	4°30	W13
T 14	1 32 16	21°10'23	15°23	5° 7	21°58	6°35	10°15	27°27	29°56	16°46	29°18	4°30	2°41	12°45	4°30	T 14
F 15	1 36 12	22° 9'46	27°34	6°39	23°12	7°11	10°23	27°34	29°58	16°47	29°17	4°22	2°38	12°52	4°30	F 15
S 16	1 40 9	23° 9'12	9♏56	8°11	24°25	7°48	10°31	27°41	29°59	16°48	29°17	4°13	2°34	12°59	4°30	S 16
S 17	1 44 6	24° 8'39	22°29	9°41	25°39	8°25	10°38	27°48	0♑ 1	16°48	29°16	4° 3	2°31	13° 5	4°31	S 17
M18	1 48 2	25° 8'09	5♐14	11°11	26°53	9° 1	10°46	27°55	0° 3	16°49	29°16	3°55	2°28	13°12	4°31	M18
T 19	1 51 59	26° 7'40	18°11	12°40	28° 6	9°37	10°53	28° 2	0° 5	16°50	29°16	3°47	2°25	13°19	4°32	T 19
W20	1 55 55	27° 7'13	1♑21	14° 8	29°20	10°14	11° 0	28° 9	0° 8	16°50	29°15	3°42	2°22	13°25	4°32	W20
T 21	1 59 52	28° 6'48	14°46	15°36	0♎34	10°50	11° 7	28°16	0°10	16°51	29°15	3°39	2°19	13°32	4°33	T 21
F 22	2 3 48	29° 6'25	28°26	17° 3	1°48	11°26	11°14	28°23	0°12	16°52	29°14	3°D38	2°15	13°39	4°33	F 22
S 23	2 7 45	0♏ 6'03	12♒21	18°29	3° 2	12° 3	11°21	28°29	0°14	16°53	29°14	3°39	2°12	13°45	4°34	S 23
S 24	2 11 41	1° 5'43	26°34	19°55	4°16	12°39	11°28	28°36	0°16	16°53	29°13	3°R39	2° 9	13°52	4°35	S 24
M25	2 15 38	2° 5'25	11♓ 1	21°20	5°30	13°15	11°34	28°43	0°18	16°54	29°13	3°39	2° 6	13°59	4°36	M25
T 26	2 19 35	3° 5'08	25°40	22°43	6°44	13°51	11°40	28°49	0°21	16°55	29°12	3°37	2° 3	14° 5	4°37	T 26
W27	2 23 31	4° 4'53	10♈27	24° 6	7°58	14°27	11°46	28°56	0°23	16°56	29°11	3°33	2° 0	14°12	4°38	W27
T 28	2 27 28	5° 4'39	25°14	25°28	9°12	15° 3	11°52	29° 3	0°26	16°57	29°11	3°26	1°56	14°18	4°39	T 28
F 29	2 31 24	6° 4'28	9♉54	26°50	10°26	15°39	11°58	29° 9	0°28	16°58	29°10	3°17	1°53	14°25	4°40	F 29
S 30	2 35 21	7° 4'19	24°18	28°10	11°41	16°15	12° 4	29°16	0°30	16°59	29°10	3° 7	1°50	14°32	4°42	S 30
S 31	2 39 17	8♏ 4'12	8♊20	29♏29	12♎55	16♍51	12♌ 9	29♍22	0♑33	17♑ 0	29♊ 9	2♓56	1♓47	14♍38	4♒43	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	3s19	16n11	4n22	4s47	0n49	10n 6	0n55	13n10	1n17	18n30	0n21	3n25	1n56	23s39	0s14	21s38	0n45	16n 9	7s16	9s42	10s16	6n39	12s10	7n 8
S 2	3 42	21 25	4 56	5 33	0 42	9 42	0 58	12 57	1 17	18 27	0 21	3 22	1 56	23 39	0 14	21 38	0 45	16 9	7 16	9 44	10 17	6 36	12 11	7 8
S 3	4 5	25 16	5 11	6 17	0 36	9 17	1 0	12 44	1 18	18 25	0 21	3 19	1 57	23 39	0 14	21 38	0 45	16 9	7 16	9 46	10 18	6 33	12 11	7 7
M 4	4 28	27 33	5 8	7 2	0 29	8 51	1 2	12 32	1 18	18 23	0 21	3 17	1 57	23 39	0 14	21 38	0 45	16 9	7 17	9 47	10 19	6 29	12 12	7 7
T 5	4 51	28 12	4 48	7 45	0 23	8 26	1 5	12 19	1 19	18 20	0 21	3 14	1 57	23 39	0 14	21 38	0 45	16 9	7 17	9 48	10 20	6 26	12 13	7 6
W 6	5 14	27 18	4 15	8 29	0 16	8 0	1 7	12 6	1 19	18 18	0 21	3 11	1 57	23 39	0 14	21 38	0 44	16 8	7 17	9 49	10 22	6 23	12 13	7 6
T 7	5 37	25 5	3 31	9 11	0 9	7 34	1 9	11 53	1 19	18 16	0 22	3 8	1 57	23 39	0 14	21 38	0 44	16 8	7 17	9 49	10 23	6 19	12 14	7 5
F 8	6 0	21 46	2 38	9 53	0 2	7 8	1 11	11 40	1 20	18 14	0 22	3 5	1 57	23 39	0 14	21 38	0 44	16 8	7 17	9 48	10 24	6 16	12 14	7 5
S 9	6 23	17 35	1 39	10 35	0s 5	6 41	1 13	11 27	1 20	18 12	0 22	3 2	1 57	23 39	0 14	21 38	0 44	16 8	7 17	9 48	10 25	6 13	12 15	7 4
S 10	6 45	12 47	0 37	11 15	0 12	6 15	1 15	11 14	1 20	18 10	0 22	3 0	1 57	23 39	0 14	21 38	0 44	16 8	7 17	9 47	10 26	6 9	12 15	7 4
M11	7 8	7 32	0s27	11 55	0 19	5 48	1 17	11 1	1 21	18 8	0 22	2 57	1 57	23 39	0 14	21 38	0 44	16 8	7 17	9 47	10 27	6 6	12 16	7 3
T 12	7 31	2 1	1 30	12 35	0 26	5 21	1 18	10 48	1 21	18 5	0 22	2 54	1 57	23 39	0 14	21 38	0 44	16 8	7 17	9 48	10 28	6 3	12 16	7 3
W13	7 53	3s36	2 29	13 13	0 33	4 53	1 20	10 35	1 22	18 3	0 23	2 52	1 58	23 39	0 14	21 38	0 44	16 8	7 18	9 49	10 30	5 59	12 17	7 2
T 14	8 15	9 9	3 22	13 51	0 40	4 26	1 22	10 21	1 22	18 1	0 23	2 49	1 58	23 39	0 14	21 38	0 44	16 8	7 18	9 51	10 31	5 56	12 17	7 2
F 15	8 37	14 26	4 6	14 28	0 47	3 58	1 23	10 8	1 22	17 59	0 23	2 46	1 58	23 39	0 14	21 38	0 44	16 7	7 18	9 54	10 32	5 53	12 18	7 1
S 16	9 0	19 12	4 40	15 4	0 54	3 30	1 24	9 55	1 23	17 58	0 23	2 43	1 58	23 39	0 14	21 38	0 44	16 7	7 18	9 57	10 33	5 49	12 18	7 1
S 17	9 21	23 13	5 0	15 40	1 1	3 2	1 26	9 42	1 23	17 56	0 23	2 41	1 58	23 39	0 14	21 38	0 44	16 7	7 18	10 1	10 34	5 46	12 19	7 0
M18	9 43	26 11	5 6	16 15	1 8	2 34	1 27	9 28	1 23	17 54	0 23	2 38	1 58	23 39	0 14	21 38	0 44	16 7	7 18	10 4	10 35	5 43	12 19	6 59
T 19	10 5	27 50	4 57	16 48	1 14	2 6	1 28	9 15	1 24	17 52	0 24	2 35	1 58	23 39	0 14	21 38	0 44	16 7	7 18	10 7	10 36	5 39	12 20	6 59
W20	10 26	27 57	4 32	17 21	1 21	1 38	1 30	9 1	1 24	17 50	0 24	2 33	1 58	23 39	0 14	21 38	0 44	16 7	7 18	10 9	10 38	5 36	12 20	6 58
T 21	10 48	26 26	3 51	17 54	1 27	1 10	1 31	8 48	1 24	17 48	0 24	2 30	1 59	23 39	0 14	21 38	0 44	16 7	7 18	10 10	10 39	5 33	12 20	6 58
F 22	11 9	23 21	2 57	18 25	1 34	0 41	1 32	8 35	1 25	17 47	0 24	2 28	1 59	23 39	0 14	21 38	0 44	16 7	7 18	10 10	10 40	5 29	12 21	6 57
S 23	11 30	18 52	1 52	18 55	1 40	0 13	1 32	8 21	1 25	17 45	0 24	2 25	1 59	23 39	0 14	21 38	0 44	16 7	7 19	10 10	10 41	5 26	12 21	6 57
S 24	11 51	13 15	0 38	19 24	1 46	0s16	1 33	8 8	1 26	17 43	0 24	2 23	1 59	23 39	0 14	21 38	0 44	16 7	7 19	10 10	10 42	5 22	12 21	6 56
M25	12 11	6 49	0n39	19 53	1 52	0 45	1 34	7 54	1 26	17 42	0 25	2 20	1 59	23 39	0 14	21 38	0 44	16 6	7 19	10 10	10 43	5 19	12 22	6 56
T 26	12 32	0n 2	1 55	20 20	1 58	1 13	1 35	7 41	1 26	17 40	0 25	2 17	1 59	23 39	0 14	21 38	0 44	16 6	7 19	10 10	10 44	5 16	12 22	6 55
W27	12 52	6 57	3 3	20 46	2 3	1 42	1 35	7 27	1 27	17 39	0 25	2 15	1 59	23 39	0 14	21 38	0 44	16 6	7 19	10 12	10 45	5 12	12 22	6 55
T 28	13 12	13 28	3 59	21 12	2 8	2 10	1 36	7 13	1 27	17 37	0 25	2 13	2 0	23 39	0 14	21 37	0 44	16 6	7 19	10 14	10 47	5 9	12 23	6 54
F 29	13 32	19 10	4 39	21 36	2 13	2 39	1 36	7 0	1 27	17 36	0 25	2 10	2 0	23 39	0 14	21 37	0 44	16 6	7 19	10 18	10 48	5 6	12 23	6 54
S 30	13 52	23 40	5 0	21 59	2 18	3 8	1 37	6 46	1 28	17 34	0 25	2 8	2 0	23 39	0 14	21 37	0 44	16 6	7 19	10 21	10 49	5 2	12 23	6 53
S 31	14s11	26n39	5n 2	22s21	2s23	3s36	1n37	6n33	1n28	17n33	0n26	2n 5	2n 0	23s39	0s14	21s37	0n44	16n 6	7s19	10s25	10s50	4n59	12s23	6n53

Julian Day Number = 2508796.5, Delta T = 126.41 sec
Ecliptic obliquity = 23°25'17, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°55'50, Lahiri = 26°02'51

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2156
geocentric

NOVEMBER 2156 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 43 14	9♏ 4'07	21♊57	0♐46	14♎ 9	17♍26	12♌15	29♍28	0♑36	17♑ 1	29°R 8	2°R47	1♓44	14♍45	4♒44	M 1
T 2	2 47 10	10° 4'04	5♋ 8	2° 3	15°24	18° 2	12°20	29°35	0°38	17° 2	29♊ 7	2♓40	1°40	14°52	4°46	T 2
W 3	2 51 7	11° 4'03	17°53	3°18	16°38	18°38	12°25	29°41	0°41	17° 4	29° 7	2°35	1°37	14°58	4°47	W 3
T 4	2 55 4	12° 4'04	0♌17	4°31	17°53	19°13	12°30	29°47	0°43	17° 5	29° 6	2°32	1°34	15° 5	4°49	T 4
F 5	2 59 0	13° 4'07	12°23	5°43	19° 7	19°49	12°34	29°53	0°46	17° 6	29° 5	2°D31	1°31	15°12	4°51	F 5
S 6	3 2 57	14° 4'13	24°18	6°53	20°22	20°24	12°39	29°59	0°49	17° 7	29° 4	2°32	1°28	15°18	4°52	S 6
S 7	3 6 53	15° 4'20	6♍ 6	8° 1	21°36	21° 0	12°43	0♎ 6	0°52	17° 8	29° 4	2°R32	1°25	15°25	4°54	S 7
M 8	3 10 50	16° 4'30	17°53	9° 6	22°51	21°35	12°47	0°12	0°54	17°10	29° 3	2°31	1°21	15°32	4°56	M 8
T 9	3 14 46	17° 4'41	29°44	10° 9	24° 6	22°11	12°51	0°18	0°57	17°11	29° 2	2°27	1°18	15°38	4°58	T 9
W10	3 18 43	18° 4'54	11♎43	11° 9	25°20	22°46	12°55	0°23	1° 0	17°12	29° 1	2°22	1°15	15°45	5° 0	W10
T 11	3 22 39	19° 5'10	23°54	12° 5	26°35	23°21	12°59	0°29	1° 3	17°14	29° 0	2°13	1°12	15°52	5° 2	T 11
F 12	3 26 36	20° 5'27	6♏18	12°58	27°50	23°56	13° 2	0°35	1° 6	17°15	28°59	2° 1	1° 9	15°58	5° 4	F 12
S 13	3 30 33	21° 5'46	18°57	13°46	29° 5	24°31	13° 5	0°41	1° 9	17°17	28°59	1°48	1° 6	16° 5	5° 7	S 13
S 14	3 34 29	22° 6'07	1♐50	14°30	0♏19	25° 6	13° 9	0°46	1°12	17°18	28°58	1°35	1° 2	16°12	5° 9	S 14
M15	3 38 26	23° 6'30	14°56	15° 8	1°34	25°41	13°11	0°52	1°15	17°20	28°57	1°22	0°59	16°18	5°11	M15
T 16	3 42 22	24° 6'54	28°15	15°41	2°49	26°16	13°14	0°57	1°18	17°21	28°56	1°11	0°56	16°25	5°14	T 16
W17	3 46 19	25° 7'19	11♑44	16° 7	4° 4	26°51	13°17	1° 3	1°21	17°23	28°55	1° 2	0°53	16°31	5°16	W17
T 18	3 50 15	26° 7'46	25°22	16°25	5°19	27°26	13°19	1° 8	1°24	17°24	28°54	0°57	0°50	16°38	5°19	T 18
F 19	3 54 12	27° 8'15	9♒ 8	16°36	6°34	28° 1	13°21	1°13	1°27	17°26	28°53	0°54	0°46	16°45	5°21	F 19
S 20	3 58 9	28° 8'44	23° 2	16°R38	7°49	28°35	13°23	1°19	1°30	17°27	28°52	0°53	0°43	16°51	5°24	S 20
S 21	4 2 5	29° 9'15	7♓ 5	16°30	9° 4	29°10	13°25	1°24	1°34	17°29	28°51	0°53	0°40	16°58	5°27	S 21
M22	4 6 2	0♐ 9'47	21°15	16°12	10°19	29°45	13°26	1°29	1°37	17°31	28°50	0°53	0°37	17° 5	5°30	M22
T 23	4 9 58	1°10'20	5♈32	15°44	11°34	0♎19	13°28	1°34	1°40	17°32	28°49	0°50	0°34	17°11	5°32	T 23
W24	4 13 55	2°10'54	19°52	15° 5	12°49	0°53	13°29	1°39	1°43	17°34	28°48	0°44	0°31	17°18	5°35	W24
T 25	4 17 51	3°11'30	4♉13	14°16	14° 4	1°28	13°30	1°44	1°47	17°36	28°47	0°36	0°27	17°25	5°38	T 25
F 26	4 21 48	4°12'06	18°29	13°17	15°19	2° 2	13°30	1°48	1°50	17°38	28°46	0°25	0°24	17°31	5°41	F 26
S 27	4 25 44	5°12'45	2♊33	12° 9	16°34	2°36	13°31	1°53	1°53	17°39	28°45	0°12	0°21	17°38	5°44	S 27
S 28	4 29 41	6°13'24	16°22	10°54	17°50	3°10	13°31	1°58	1°56	17°41	28°44	29♒59	0°18	17°45	5°48	S 28
M29	4 33 38	7°14'05	29°50	9°35	19° 5	3°44	13°R32	2° 2	2° 0	17°43	28°43	29°48	0°15	17°51	5°51	M29
T 30	4 37 34	8♐14'48	12♋57	8♐12	20♏20	4♎18	13♌32	2♎ 6	2♑ 3	17♑45	28♊42	29♒38	0♓12	17♍58	5♒54	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14s30	27n57	4n47	22s42	2s27	4s 5	1n37	6n19	1n28	17n32	0n26	2n 3	2n 0	23s39	0s14	21s37	0n44	16n 6	7s19	10s28	10s51	4n56	12s23	6n52
T 2	14 49	27 36	4 17	23 1	2 31	4 34	1 37	6 5	1 29	17 30	0 26	2 1	2 0	23 39	0 14	21 37	0 44	16 6	7 19	10 31	10 52	4 52	12 23	6 52
W 3	15 8	25 46	3 34	23 20	2 34	5 2	1 37	5 52	1 29	17 29	0 26	1 58	2 1	23 39	0 14	21 37	0 44	16 6	7 19	10 33	10 53	4 49	12 24	6 51
T 4	15 27	22 43	2 43	23 37	2 38	5 30	1 37	5 38	1 29	17 28	0 26	1 56	2 1	23 39	0 14	21 37	0 44	16 6	7 20	10 34	10 55	4 46	12 24	6 51
F 5	15 45	18 45	1 45	23 52	2 40	5 59	1 37	5 24	1 30	17 27	0 27	1 54	2 1	23 39	0 14	21 37	0 43	16 5	7 20	10 34	10 56	4 42	12 24	6 50
S 6	16 3	14 6	0 44	24 7	2 43	6 27	1 37	5 11	1 30	17 26	0 27	1 51	2 1	23 39	0 14	21 36	0 43	16 5	7 20	10 34	10 57	4 39	12 24	6 50
S 7	16 21	8 58	0s19	24 20	2 44	6 55	1 37	4 57	1 30	17 25	0 27	1 49	2 1	23 39	0 14	21 36	0 43	16 5	7 20	10 34	10 58	4 36	12 24	6 49
M 8	16 38	3 33	1 21	24 32	2 46	7 23	1 37	4 43	1 31	17 24	0 27	1 47	2 2	23 39	0 14	21 36	0 43	16 5	7 20	10 34	10 59	4 32	12 24	6 49
T 9	16 55	2s 1	2 19	24 42	2 46	7 51	1 36	4 30	1 31	17 23	0 27	1 45	2 2	23 39	0 14	21 36	0 43	16 5	7 20	10 35	11 0	4 29	12 24	6 48
W10	17 12	7 34	3 12	24 50	2 46	8 18	1 36	4 16	1 32	17 22	0 28	1 43	2 2	23 39	0 14	21 36	0 43	16 5	7 20	10 38	11 1	4 25	12 24	6 48
T 11	17 29	12 56	3 57	24 58	2 46	8 46	1 35	4 3	1 32	17 21	0 28	1 40	2 2	23 39	0 14	21 36	0 43	16 5	7 20	10 41	11 2	4 22	12 24	6 47
F 12	17 45	17 52	4 31	25 3	2 44	9 13	1 35	3 49	1 32	17 20	0 28	1 38	2 2	23 39	0 14	21 36	0 43	16 5	7 20	10 45	11 4	4 19	12 24	6 47
S 13	18 1	22 8	4 53	25 7	2 42	9 40	1 34	3 35	1 33	17 19	0 28	1 36	2 2	23 39	0 14	21 35	0 43	16 5	7 20	10 49	11 5	4 15	12 24	6 46
S 14	18 17	25 25	5 0	25 9	2 39	10 7	1 33	3 22	1 33	17 19	0 28	1 34	2 3	23 39	0 14	21 35	0 43	16 5	7 20	10 54	11 6	4 12	12 24	6 46
M15	18 32	27 24	4 52	25 9	2 34	10 34	1 33	3 8	1 33	17 18	0 29	1 32	2 3	23 39	0 14	21 35	0 43	16 5	7 20	10 59	11 7	4 9	12 24	6 45
T 16	18 47	27 52	4 28	25 7	2 29	11 0	1 32	2 55	1 34	17 18	0 29	1 30	2 3	23 39	0 14	21 35	0 43	16 5	7 20	11 3	11 8	4 5	12 24	6 45
W17	19 2	26 42	3 49	25 4	2 23	11 26	1 31	2 41	1 34	17 17	0 29	1 28	2 3	23 39	0 14	21 35	0 43	16 5	7 20	11 6	11 9	4 2	12 24	6 44
T 18	19 16	23 56	2 56	24 58	2 15	11 52	1 30	2 28	1 34	17 17	0 29	1 26	2 4	23 39	0 14	21 35	0 43	16 5	7 20	11 8	11 10	3 59	12 23	6 44
F 19	19 30	19 46	1 52	24 50	2 6	12 18	1 29	2 14	1 35	17 16	0 29	1 24	2 4	23 39	0 14	21 34	0 43	16 5	7 20	11 9	11 11	3 55	12 23	6 43
S 20	19 44	14 29	0 41	24 40	1 55	12 43	1 28	2 1	1 35	17 16	0 30	1 22	2 4	23 39	0 14	21 34	0 43	16 5	7 20	11 9	11 13	3 52	12 23	6 43
S 21	19 57	8 24	0n33	24 27	1 43	13 8	1 27	1 47	1 35	17 15	0 30	1 21	2 4	23 39	0 14	21 34	0 43	16 4	7 21	11 9	11 14	3 49	12 23	6 42
M22	20 10	1 51	1 45	24 12	1 30	13 33	1 25	1 34	1 36	17 15	0 30	1 19	2 4	23 39	0 14	21 34	0 43	16 4	7 21	11 9	11 15	3 45	12 23	6 42
T 23	20 23	4n50	2 52	23 54	1 15	13 58	1 24	1 20	1 36	17 15	0 30	1 17	2 5	23 39	0 14	21 34	0 43	16 4	7 21	11 10	11 16	3 42	12 23	6 41
W24	20 35	11 17	3 48	23 33	0 58	14 22	1 23	1 7	1 36	17 15	0 30	1 15	2 5	23 39	0 14	21 34	0 43	16 4	7 21	11 12	11 17	3 38	12 22	6 41
T 25	20 47	17 8	4 29	23 10	0 40	14 45	1 21	0 54	1 37	17 15	0 31	1 14	2 5	23 39	0 14	21 33	0 43	16 4	7 21	11 15	11 18	3 35	12 22	6 41
F 26	20 58	22 1	4 54	22 43	0 21	15 9	1 20	0 41	1 37	17 15	0 31	1 12	2 5	23 39	0 14	21 33	0 43	16 4	7 21	11 19	11 19	3 32	12 22	6 40
S 27	21 9	25 33	5 0	22 15	0 1	15 32	1 18	0 27	1 37	17 15	0 31	1 10	2 6	23 39	0 14	21 33	0 43	16 4	7 21	11 24	11 20	3 28	12 21	6 40
S 28	21 20	27 30	4 48	21 45	0n19	15 54	1 17	0 14	1 38	17 15	0 31	1 9	2 6	23 38	0 14	21 33	0 43	16 4	7 21	11 28	11 22	3 25	12 21	6 39
M29	21 30	27 46	4 21	21 13	0 40	16 16	1 15	0 1	1 38	17 15	0 31	1 7	2 6	23 38	0 14	21 33	0 43	16 4	7 21	11 32	11 23	3 22	12 21	6 39
T 30	21s40	26n26	3n40	20s40	1n 0	16s38	1n13	0s12	1n38	17n15	0n32	1n 6	2n 6	23s38	0s14	21s32	0n43	16n 4	7s21	11s35	11s24	3n18	12s20	6n39

Julian Day Number = 2508827.5, Delta T = 126.47 sec
Ecliptic obliquity = 23°25'16, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°55'55, Lahiri = 26°02'55

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2156
geocentric

DECEMBER 2156 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 41 31	9♐15'32	25♋41	6°R50	21♏35	4♎52	13°R31	2♎11	2♑ 7	17♑47	28°R40	29°R31	0♓ 8	18♍ 5	5♒57	W 1
T 2	4 45 27	10°16'17	8♌ 5	5♐32	22°50	5°26	13♌31	2°15	2°10	17°49	28♊39	29♒27	0° 5	18°11	6° 1	T 2
F 3	4 49 24	11°17'04	20°13	4°18	24° 6	5°59	13°30	2°19	2°13	17°51	28°38	29°25	0° 2	18°18	6° 4	F 3
S 4	4 53 20	12°17'52	2♍ 8	3°13	25°21	6°33	13°30	2°23	2°17	17°52	28°37	29°D25	29♒59	18°25	6° 7	S 4
S 5	4 57 17	13°18'41	13°57	2°17	26°36	7° 7	13°29	2°27	2°20	17°54	28°36	29°R25	29°56	18°31	6°11	S 5
M 6	5 1 13	14°19'32	25°45	1°32	27°51	7°40	13°27	2°31	2°24	17°56	28°35	29°25	29°52	18°38	6°15	M 6
T 7	5 5 10	15°20'24	7♎38	0°59	29° 7	8°13	13°26	2°35	2°27	17°58	28°34	29°22	29°49	18°45	6°18	T 7
W 8	5 9 7	16°21'18	19°40	0°37	0♐22	8°47	13°24	2°39	2°31	18° 0	28°33	29°18	29°46	18°51	6°22	W 8
T 9	5 13 3	17°22'13	1♏56	0°26	1°37	9°20	13°23	2°42	2°34	18° 2	28°31	29°10	29°43	18°58	6°25	T 9
F 10	5 17 0	18°23'09	14°29	0°D26	2°53	9°53	13°21	2°46	2°38	18° 4	28°30	29° 0	29°40	19° 4	6°29	F 10
S 11	5 20 56	19°24'06	27°21	0°35	4° 8	10°26	13°18	2°49	2°41	18° 6	28°29	28°49	29°37	19°11	6°33	S 11
S 12	5 24 53	20°25'05	10♐33	0°54	5°23	10°59	13°16	2°53	2°45	18° 8	28°28	28°36	29°33	19°18	6°37	S 12
M13	5 28 49	21°26'04	24° 1	1°22	6°39	11°32	13°13	2°56	2°49	18°11	28°27	28°24	29°30	19°24	6°41	M13
T 14	5 32 46	22°27'04	7♑45	1°57	7°54	12° 5	13°11	2°59	2°52	18°13	28°26	28°14	29°27	19°31	6°45	T 14
W15	5 36 42	23°28'05	21°40	2°39	9° 9	12°37	13° 8	3° 2	2°56	18°15	28°24	28° 6	29°24	19°38	6°49	W15
T 16	5 40 39	24°29'07	5♒43	3°26	10°25	13°10	13° 5	3° 5	2°59	18°17	28°23	28° 2	29°21	19°44	6°53	T 16
F 17	5 44 36	25°30'09	19°49	4°19	11°40	13°42	13° 1	3° 8	3° 3	18°19	28°22	28° 0	29°18	19°51	6°57	F 17
S 18	5 48 32	26°31'11	3♓57	5°17	12°56	14°14	12°58	3°11	3° 7	18°21	28°21	27°D59	29°14	19°58	7° 1	S 18
S 19	5 52 29	27°32'14	18° 4	6°19	14°11	14°47	12°54	3°14	3°10	18°23	28°20	28° 0	29°11	20° 4	7° 5	S 19
M20	5 56 25	28°33'18	2♈10	7°24	15°26	15°19	12°50	3°16	3°14	18°25	28°19	28°R 0	29° 8	20°11	7° 9	M20
T 21	6 0 22	29°34'21	16°14	8°32	16°42	15°51	12°46	3°19	3°17	18°28	28°17	27°59	29° 5	20°18	7°13	T 21
W22	6 4 18	0♑35'25	0♉13	9°43	17°57	16°23	12°42	3°21	3°21	18°30	28°16	27°55	29° 2	20°24	7°18	W22
T 23	6 8 15	1°36'29	14° 8	10°57	19°13	16°54	12°37	3°23	3°25	18°32	28°15	27°49	28°58	20°31	7°22	T 23
F 24	6 12 11	2°37'34	27°56	12°12	20°28	17°26	12°33	3°25	3°28	18°34	28°14	27°41	28°55	20°38	7°26	F 24
S 25	6 16 8	3°38'38	11♊33	13°29	21°43	17°57	12°28	3°27	3°32	18°36	28°13	27°32	28°52	20°44	7°31	S 25
S 26	6 20 5	4°39'44	24°57	14°48	22°59	18°29	12°23	3°29	3°36	18°39	28°11	27°22	28°49	20°51	7°35	S 26
M27	6 24 1	5°40'49	8♋ 6	16° 8	24°14	19° 0	12°18	3°31	3°39	18°41	28°10	27°13	28°46	20°58	7°39	M27
T 28	6 27 58	6°41'55	20°59	17°30	25°30	19°31	12°13	3°33	3°43	18°43	28° 9	27° 5	28°43	21° 4	7°44	T 28
W29	6 31 54	7°43'02	3♌34	18°53	26°45	20° 2	12° 7	3°35	3°46	18°45	28° 8	27° 0	28°39	21°11	7°48	W29
T 30	6 35 51	8°44'08	15°53	20°16	28° 1	20°33	12° 2	3°36	3°50	18°48	28° 7	26°58	28°36	21°18	7°53	T 30
F 31	6 39 47	9♑45'15	27♌59	21♐41	29♐16	21♎ 4	11♌56	3♎38	3♑54	18♑50	28♊ 6	26°D57	28♒33	21♍24	7♒57	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21s49	23n45	2n49	20s 8	1n19	17s 0	1n12	0s25	1n39	17n16	0n32	1n 4	2n 6	23s38	0s14	21s32	0n43	16n 4	7s21	11s38	11s25	3n15	12s20	6n38
T 2	21 58	20 1	1 51	19 38	1 36	17 20	1 10	0 38	1 39	17 16	0 32	1 3	2 7	23 38	0 14	21 32	0 43	16 4	7 21	11 39	11 26	3 11	12 20	6 38
F 3	22 7	15 30	0 49	19 9	1 52	17 41	1 8	0 52	1 39	17 16	0 32	1 1	2 7	23 38	0 14	21 32	0 43	16 4	7 21	11 40	11 27	3 8	12 19	6 37
S 4	22 15	10 29	0s14	18 43	2 6	18 1	1 6	1 4	1 40	17 17	0 32	1 0	2 7	23 38	0 14	21 31	0 43	16 4	7 21	11 40	11 28	3 5	12 19	6 37
S 5	22 23	5 8	1 16	18 21	2 18	18 20	1 4	1 17	1 40	17 17	0 33	0 58	2 7	23 38	0 14	21 31	0 43	16 4	7 21	11 40	11 29	3 1	12 18	6 37
M 6	22 30	0s23	2 15	18 3	2 27	18 39	1 2	1 30	1 40	17 18	0 33	0 57	2 8	23 38	0 14	21 31	0 43	16 4	7 21	11 40	11 30	2 58	12 18	6 36
T 7	22 37	5 54	3 8	17 49	2 34	18 58	1 0	1 43	1 41	17 18	0 33	0 56	2 8	23 38	0 14	21 31	0 43	16 4	7 21	11 41	11 32	2 55	12 17	6 36
W 8	22 43	11 17	3 54	17 40	2 39	19 16	0 58	1 56	1 41	17 19	0 33	0 55	2 8	23 38	0 14	21 30	0 43	16 4	7 21	11 43	11 33	2 51	12 17	6 35
T 9	22 49	16 20	4 29	17 34	2 43	19 33	0 56	2 9	1 41	17 20	0 33	0 53	2 8	23 38	0 14	21 30	0 43	16 4	7 21	11 45	11 34	2 48	12 16	6 35
F 10	22 55	20 50	4 53	17 33	2 44	19 50	0 54	2 21	1 42	17 20	0 34	0 52	2 9	23 38	0 14	21 30	0 43	16 4	7 21	11 49	11 35	2 45	12 16	6 35
S 11	23 0	24 27	5 2	17 35	2 44	20 6	0 52	2 34	1 42	17 21	0 34	0 51	2 9	23 38	0 14	21 30	0 43	16 4	7 21	11 53	11 36	2 41	12 15	6 34
S 12	23 5	26 53	4 56	17 40	2 42	20 22	0 50	2 47	1 42	17 22	0 34	0 50	2 9	23 38	0 14	21 29	0 42	16 4	7 21	11 57	11 37	2 38	12 14	6 34
M13	23 9	27 50	4 33	17 49	2 40	20 37	0 48	2 59	1 42	17 23	0 34	0 49	2 10	23 38	0 14	21 29	0 42	16 4	7 21	12 1	11 38	2 34	12 14	6 34
T 14	23 12	27 5	3 54	17 59	2 36	20 52	0 45	3 12	1 43	17 24	0 35	0 48	2 10	23 38	0 14	21 29	0 42	16 4	7 21	12 5	11 39	2 31	12 13	6 33
W15	23 16	24 39	3 1	18 12	2 32	21 6	0 43	3 24	1 43	17 25	0 35	0 47	2 10	23 37	0 14	21 29	0 42	16 4	7 21	12 7	11 40	2 28	12 13	6 33
T 16	23 18	20 42	1 56	18 26	2 26	21 19	0 41	3 36	1 43	17 26	0 35	0 46	2 10	23 37	0 14	21 28	0 42	16 4	7 21	12 9	11 42	2 24	12 12	6 33
F 17	23 21	15 33	0 44	18 41	2 20	21 32	0 39	3 48	1 44	17 27	0 35	0 45	2 11	23 37	0 14	21 28	0 42	16 4	7 20	12 10	11 43	2 21	12 11	6 32
S 18	23 23	9 34	0n32	18 58	2 14	21 44	0 36	4 1	1 44	17 29	0 35	0 44	2 11	23 37	0 14	21 28	0 42	16 4	7 20	12 10	11 44	2 18	12 11	6 32
S 19	23 24	3 6	1 45	19 15	2 7	21 55	0 34	4 13	1 44	17 30	0 36	0 43	2 11	23 37	0 14	21 28	0 42	16 4	7 20	12 10	11 45	2 14	12 10	6 32
M20	23 25	3n30	2 52	19 33	2 0	22 6	0 32	4 25	1 45	17 31	0 36	0 43	2 11	23 37	0 14	21 27	0 42	16 4	7 20	12 9	11 46	2 11	12 9	6 31
T 21	23 25	9 53	3 48	19 51	1 53	22 16	0 29	4 37	1 45	17 32	0 36	0 42	2 12	23 37	0 14	21 27	0 42	16 4	7 20	12 10	11 47	2 8	12 8	6 31
W22	23 25	15 46	4 31	20 10	1 45	22 26	0 27	4 49	1 45	17 34	0 36	0 41	2 12	23 37	0 14	21 27	0 42	16 4	7 20	12 11	11 48	2 4	12 8	6 31
T 23	23 25	20 47	4 57	20 28	1 37	22 35	0 24	5 1	1 46	17 35	0 36	0 41	2 12	23 37	0 14	21 27	0 42	16 4	7 20	12 13	11 49	2 1	12 7	6 31
F 24	23 24	24 38	5 5	20 46	1 29	22 43	0 22	5 12	1 46	17 37	0 37	0 40	2 13	23 37	0 14	21 26	0 42	16 4	7 20	12 16	11 50	1 57	12 6	6 30
S 25	23 22	27 3	4 56	21 3	1 21	22 50	0 20	5 24	1 46	17 38	0 37	0 39	2 13	23 37	0 14	21 26	0 42	16 4	7 20	12 19	11 52	1 54	12 5	6 30
S 26	23 20	27 50	4 31	21 21	1 13	22 57	0 17	5 36	1 47	17 40	0 37	0 39	2 13	23 37	0 14	21 26	0 42	16 5	7 20	12 23	11 53	1 51	12 4	6 30
M27	23 18	27 2	3 52	21 37	1 5	23 3	0 15	5 47	1 47	17 42	0 37	0 38	2 13	23 36	0 14	21 25	0 42	16 5	7 20	12 26	11 54	1 47	12 4	6 29
T 28	23 15	24 46	3 1	21 53	0 57	23 8	0 12	5 59	1 47	17 43	0 37	0 38	2 14	23 36	0 14	21 25	0 42	16 5	7 20	12 28	11 55	1 44	12 3	6 29
W29	23 12	21 20	2 3	22 9	0 49	23 13	0 10	6 10	1 47	17 45	0 38	0 38	2 14	23 36	0 14	21 25	0 42	16 5	7 20	12 30	11 56	1 41	12 2	6 29
T 30	23 8	17 0	0 59	22 23	0 41	23 17	0 7	6 21	1 48	17 47	0 38	0 37	2 14	23 36	0 14	21 24	0 42	16 5	7 20	12 31	11 57	1 37	12 1	6 29
F 31	23s 4	12n 5	0s 6	22s37	0n33	23s20	0n 5	6s33	1n48	17n48	0n38	0n37	2n14	23s36	0s14	21s24	0n42	16n 5	7s20	12s31	11s58	1n34	12s 0	6n29

Julian Day Number = 2508857.5, Delta T = 126.53 sec
Ecliptic obliquity = 23°25'15, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°55'59, Lahiri = 26°02'59

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2157
geocentric

JANUARY 2157 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 43 44	10♑46'23	9♍54	23♐ 6	0♑31	21♎35	11°R50	3♎39	3♑57	18♑52	28°R 4	26♒58	28♒30	21♍31	8♒ 2	S 1
S 2	6 47 41	11°47'31	21°44	24°33	1°47	22° 5	11♌44	3°40	4° 1	18°54	28♊ 3	26°59	28°27	21°38	8° 7	S 2
M 3	6 51 37	12°48'39	3♎32	25°59	3° 2	22°36	11°38	3°41	4° 4	18°57	28° 2	27° 0	28°24	21°44	8°11	M 3
T 4	6 55 34	13°49'47	15°24	27°27	4°18	23° 6	11°32	3°42	4° 8	18°59	28° 1	27°R 1	28°20	21°51	8°16	T 4
W 5	6 59 30	14°50'56	27°26	28°55	5°33	23°36	11°25	3°43	4°12	19° 1	28° 0	27° 0	28°17	21°58	8°20	W 5
T 6	7 3 27	15°52'05	9♏42	0♑23	6°49	24° 6	11°19	3°44	4°15	19° 3	27°59	26°57	28°14	22° 4	8°25	T 6
F 7	7 7 23	16°53'15	22°17	1°53	8° 4	24°36	11°12	3°44	4°19	19° 6	27°58	26°52	28°11	22°11	8°30	F 7
S 8	7 11 20	17°54'25	5♐14	3°22	9°20	25° 5	11° 5	3°45	4°22	19° 8	27°57	26°47	28° 8	22°17	8°35	S 8
S 9	7 15 16	18°55'35	18°34	4°52	10°35	25°35	10°58	3°45	4°26	19°10	27°55	26°40	28° 4	22°24	8°39	S 9
M10	7 19 13	19°56'45	2♑17	6°23	11°51	26° 4	10°51	3°46	4°29	19°12	27°54	26°33	28° 1	22°31	8°44	M10
T 11	7 23 10	20°57'55	16°20	7°54	13° 6	26°33	10°44	3°46	4°33	19°15	27°53	26°28	27°58	22°37	8°49	T 11
W12	7 27 6	21°59'05	0♒40	9°25	14°22	27° 2	10°37	3°46	4°36	19°17	27°52	26°24	27°55	22°44	8°54	W12
T 13	7 31 3	23° 0'14	15°10	10°57	15°37	27°31	10°30	3°R46	4°40	19°19	27°51	26°22	27°52	22°51	8°59	T 13
F 14	7 34 59	24° 1'23	29°45	12°30	16°52	27°59	10°22	3°46	4°43	19°22	27°50	26°D21	27°49	22°57	9° 3	F 14
S 15	7 38 56	25° 2'31	14♓18	14° 2	18° 8	28°28	10°15	3°46	4°47	19°24	27°49	26°22	27°45	23° 4	9° 8	S 15
S 16	7 42 52	26° 3'39	28°44	15°36	19°23	28°56	10° 7	3°45	4°50	19°26	27°48	26°24	27°42	23°11	9°13	S 16
M17	7 46 49	27° 4'46	13♈ 1	17°10	20°39	29°24	10° 0	3°45	4°54	19°28	27°47	26°25	27°39	23°17	9°18	M17
T 18	7 50 45	28° 5'52	27° 7	18°44	21°54	29°52	9°52	3°44	4°57	19°31	27°46	26°R26	27°36	23°24	9°23	T 18
W19	7 54 42	29° 6'58	10♉59	20°19	23°10	0♏20	9°44	3°44	5° 1	19°33	27°45	26°25	27°33	23°31	9°28	W19
T 20	7 58 39	0♒ 8'03	24°38	21°54	24°25	0°47	9°36	3°43	5° 4	19°35	27°44	26°23	27°30	23°37	9°33	T 20
F 21	8 2 35	1° 9'07	8♊ 3	23°30	25°41	1°14	9°28	3°42	5° 7	19°37	27°43	26°20	27°26	23°44	9°38	F 21
S 22	8 6 32	2°10'10	21°15	25° 6	26°56	1°41	9°21	3°41	5°11	19°40	27°42	26°17	27°23	23°51	9°43	S 22
S 23	8 10 28	3°11'13	4♋14	26°43	28°11	2° 8	9°13	3°40	5°14	19°42	27°41	26°13	27°20	23°57	9°48	S 23
M24	8 14 25	4°12'15	17° 0	28°20	29°27	2°35	9° 5	3°39	5°17	19°44	27°40	26° 9	27°17	24° 4	9°52	M24
T 25	8 18 21	5°13'16	29°33	29°58	0♒42	3° 1	8°57	3°38	5°21	19°46	27°39	26° 6	27°14	24°11	9°57	T 25
W26	8 22 18	6°14'16	11♌54	1♒37	1°58	3°27	8°49	3°36	5°24	19°48	27°38	26° 5	27°10	24°17	10° 2	W26
T 27	8 26 14	7°15'15	24° 3	3°16	3°13	3°53	8°41	3°35	5°27	19°51	27°38	26°D 4	27° 7	24°24	10° 7	T 27
F 28	8 30 11	8°16'14	6♍ 4	4°56	4°28	4°19	8°33	3°33	5°30	19°53	27°37	26° 4	27° 4	24°31	10°12	F 28
S 29	8 34 8	9°17'12	17°57	6°36	5°44	4°45	8°25	3°31	5°33	19°55	27°36	26° 5	27° 1	24°37	10°17	S 29
S 30	8 38 4	10°18'09	29°46	8°18	6°59	5°10	8°17	3°30	5°36	19°57	27°35	26° 7	26°58	24°44	10°22	S 30
M31	8 42 1	11♒19'06	11♎34	9♒59	8♒14	5♏35	8♌ 9	3♎28	5♑40	19♑59	27♊34	26♒ 8	26♒55	24♍51	10♒27	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s59	6n46	1s10	22s50	0n25	23s23	0n 2	6s44	1n48	17n50	0n38	0n37	2n15	23s36	0s14	21s24	0n42	16n 5	7s20	12s31	11s59	1n31	11s59	6n28
S 2	22 54	1 17	2 10	23 1	0 17	23 25	0s 0	6 55	1 49	17 52	0 38	0 37	2 15	23 36	0 14	21 24	0 42	16 5	7 19	12 30	12 0	1 27	11 58	6 28
M 3	22 48	4s14	3 5	23 12	0 9	23 26	0 3	7 6	1 49	17 54	0 39	0 36	2 15	23 36	0 14	21 23	0 42	16 5	7 19	12 30	12 1	1 24	11 57	6 28
T 4	22 42	9 38	3 53	23 22	0 2	23 26	0 5	7 17	1 49	17 56	0 39	0 36	2 16	23 36	0 14	21 23	0 42	16 5	7 19	12 30	12 3	1 20	11 56	6 28
W 5	22 36	14 45	4 30	23 31	0s 6	23 26	0 7	7 27	1 50	17 58	0 39	0 36	2 16	23 36	0 14	21 23	0 42	16 5	7 19	12 30	12 4	1 17	11 55	6 27
T 6	22 29	19 24	4 57	23 38	0 13	23 25	0 10	7 38	1 50	18 0	0 39	0 36	2 16	23 35	0 14	21 22	0 42	16 5	7 19	12 31	12 5	1 14	11 54	6 27
F 7	22 21	23 18	5 9	23 44	0 20	23 23	0 12	7 49	1 50	18 2	0 39	0 36	2 16	23 35	0 14	21 22	0 42	16 5	7 19	12 33	12 6	1 10	11 53	6 27
S 8	22 13	26 11	5 7	23 50	0 27	23 20	0 15	7 59	1 50	18 4	0 39	0 36	2 17	23 35	0 14	21 22	0 42	16 5	7 19	12 35	12 7	1 7	11 52	6 27
S 9	22 5	27 43	4 48	23 54	0 34	23 17	0 17	8 10	1 51	18 6	0 40	0 36	2 17	23 35	0 14	21 21	0 42	16 6	7 19	12 37	12 8	1 4	11 51	6 27
M10	21 56	27 37	4 13	23 57	0 41	23 13	0 19	8 20	1 51	18 8	0 40	0 36	2 17	23 35	0 14	21 21	0 42	16 6	7 19	12 39	12 9	1 0	11 50	6 27
T 11	21 47	25 45	3 21	23 58	0 47	23 8	0 22	8 30	1 51	18 10	0 40	0 37	2 18	23 35	0 14	21 21	0 42	16 6	7 19	12 41	12 10	0 57	11 49	6 26
W12	21 38	22 12	2 16	23 58	0 53	23 3	0 24	8 40	1 52	18 12	0 40	0 37	2 18	23 35	0 14	21 21	0 42	16 6	7 18	12 42	12 11	0 54	11 48	6 26
T 13	21 28	17 14	1 1	23 57	0 59	22 57	0 26	8 50	1 52	18 14	0 40	0 37	2 18	23 35	0 14	21 20	0 42	16 6	7 18	12 43	12 12	0 50	11 47	6 26
F 14	21 17	11 16	0n19	23 55	1 5	22 50	0 29	9 0	1 52	18 17	0 40	0 37	2 18	23 35	0 14	21 20	0 42	16 6	7 18	12 43	12 14	0 47	11 46	6 26
S 15	21 6	4 41	1 37	23 51	1 11	22 42	0 31	9 10	1 52	18 19	0 41	0 38	2 19	23 35	0 14	21 20	0 42	16 6	7 18	12 43	12 15	0 43	11 45	6 26
S 16	20 55	2n 4	2 48	23 46	1 16	22 34	0 33	9 20	1 53	18 21	0 41	0 38	2 19	23 34	0 14	21 19	0 42	16 6	7 18	12 43	12 16	0 40	11 44	6 26
M17	20 44	8 39	3 48	23 40	1 22	22 25	0 35	9 29	1 53	18 23	0 41	0 39	2 19	23 34	0 14	21 19	0 42	16 6	7 18	12 42	12 17	0 37	11 43	6 26
T 18	20 32	14 41	4 34	23 32	1 26	22 15	0 38	9 39	1 53	18 25	0 41	0 39	2 20	23 34	0 14	21 19	0 42	16 6	7 18	12 42	12 18	0 33	11 41	6 26
W19	20 19	19 54	5 3	23 23	1 31	22 5	0 40	9 48	1 53	18 28	0 41	0 40	2 20	23 34	0 15	21 18	0 42	16 7	7 18	12 42	12 19	0 30	11 40	6 25
T 20	20 6	23 59	5 14	23 13	1 36	21 54	0 42	9 58	1 54	18 30	0 41	0 40	2 20	23 34	0 15	21 18	0 42	16 7	7 17	12 43	12 20	0 27	11 39	6 25
F 21	19 53	26 41	5 7	23 1	1 40	21 43	0 44	10 7	1 54	18 32	0 42	0 41	2 20	23 34	0 15	21 18	0 42	16 7	7 17	12 44	12 21	0 23	11 38	6 25
S 22	19 40	27 52	4 45	22 48	1 44	21 30	0 46	10 16	1 54	18 34	0 42	0 41	2 21	23 34	0 15	21 17	0 42	16 7	7 17	12 45	12 22	0 20	11 37	6 25
S 23	19 26	27 29	4 8	22 33	1 47	21 17	0 48	10 25	1 54	18 37	0 42	0 42	2 21	23 34	0 15	21 17	0 42	16 7	7 17	12 46	12 23	0 17	11 35	6 25
M24	19 12	25 38	3 19	22 17	1 51	21 4	0 50	10 34	1 55	18 39	0 42	0 43	2 21	23 33	0 15	21 17	0 42	16 7	7 17	12 47	12 24	0 13	11 34	6 25
T 25	18 57	22 32	2 21	22 0	1 54	20 50	0 52	10 42	1 55	18 41	0 42	0 43	2 22	23 33	0 15	21 16	0 42	16 7	7 17	12 48	12 25	0 10	11 33	6 25
W26	18 42	18 27	1 17	21 41	1 56	20 35	0 54	10 51	1 55	18 43	0 42	0 44	2 22	23 33	0 15	21 16	0 42	16 7	7 17	12 49	12 27	0 6	11 32	6 25
T 27	18 27	13 40	0 11	21 20	1 59	20 19	0 56	11 0	1 55	18 46	0 42	0 45	2 22	23 33	0 15	21 16	0 42	16 8	7 16	12 49	12 28	0 3	11 31	6 25
F 28	18 11	8 26	0s55	20 58	2 1	20 3	0 57	11 8	1 56	18 48	0 42	0 46	2 22	23 33	0 15	21 15	0 42	16 8	7 16	12 49	12 29	0s 0	11 29	6 25
S 29	17 55	2 57	1 58	20 35	2 2	19 47	0 59	11 16	1 56	18 50	0 43	0 47	2 23	23 33	0 15	21 15	0 42	16 8	7 16	12 49	12 30	0 4	11 28	6 25
S 30	17 39	2s36	2 56	20 10	2 4	19 30	1 1	11 24	1 56	18 52	0 43	0 48	2 23	23 33	0 15	21 15	0 42	16 8	7 16	12 48	12 31	0 7	11 27	6 25
M31	17s22	8s 2	3s46	19s44	2s 5	19s12	1s 2	11s33	1n56	18n54	0n43	0n49	2n23	23s33	0s15	21s15	0n42	16n 8	7s16	12s48	12s32	0s10	11s26	6n25

Julian Day Number = 2508888.5, Delta T = 126.59 sec
Ecliptic obliquity = 23°25'15, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°56'03, Lahiri = 26°03'03

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2157
geocentric

FEBRUARY 2157 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 45 57	12♒20'01	23♎26	11♒42	9♒30	5♏59	8°R 1	3°R26	5♑43	20♑ 2	27°R33	26♒ 9	26♒51	24♍57	10♒32	T 1
W 2	8 49 54	13°20'57	5♏27	13°25	10°45	6°24	7♌53	3♎24	5°46	20° 4	27♊33	26°10	26°48	25° 4	10°37	W 2
T 3	8 53 50	14°21'51	17°40	15° 9	12° 0	6°48	7°45	3°21	5°49	20° 6	27°32	26°R10	26°45	25°11	10°42	T 3
F 4	8 57 47	15°22'45	0♐11	16°53	13°16	7°12	7°37	3°19	5°52	20° 8	27°31	26°10	26°42	25°17	10°47	F 4
S 5	9 1 43	16°23'38	13° 4	18°38	14°31	7°36	7°29	3°17	5°55	20°10	27°30	26° 9	26°39	25°24	10°52	S 5
S 6	9 5 40	17°24'30	26°21	20°24	15°46	7°59	7°21	3°14	5°58	20°12	27°30	26° 8	26°36	25°31	10°57	S 6
M 7	9 9 37	18°25'22	10♑ 5	22°10	17° 2	8°22	7°13	3°12	6° 1	20°14	27°29	26° 7	26°32	25°37	11° 2	M 7
T 8	9 13 33	19°26'12	24°15	23°57	18°17	8°45	7° 6	3° 9	6° 4	20°16	27°28	26° 6	26°29	25°44	11° 7	T 8
W 9	9 17 30	20°27'02	8♒47	25°45	19°32	9° 7	6°58	3° 6	6° 6	20°18	27°28	26° 5	26°26	25°51	11°11	W 9
T 10	9 21 26	21°27'50	23°36	27°33	20°48	9°30	6°50	3° 3	6° 9	20°20	27°27	26°D 5	26°23	25°57	11°16	T 10
F 11	9 25 23	22°28'37	8♓34	29°21	22° 3	9°51	6°43	3° 0	6°12	20°22	27°26	26° 5	26°20	26° 4	11°21	F 11
S 12	9 29 19	23°29'22	23°34	1♓10	23°18	10°13	6°35	2°57	6°15	20°24	27°26	26° 5	26°16	26°11	11°26	S 12
S 13	9 33 16	24°30'06	8♈26	2°59	24°34	10°34	6°28	2°54	6°17	20°26	27°25	26° 6	26°13	26°17	11°31	S 13
M14	9 37 12	25°30'48	23° 5	4°48	25°49	10°55	6°21	2°51	6°20	20°28	27°25	26° 6	26°10	26°24	11°36	M14
T 15	9 41 9	26°31'29	7♉25	6°36	27° 4	11°15	6°14	2°48	6°23	20°30	27°24	26°R 6	26° 7	26°31	11°41	T 15
W16	9 45 6	27°32'08	21°23	8°25	28°19	11°35	6° 7	2°44	6°25	20°32	27°24	26°D 6	26° 4	26°37	11°45	W16
T 17	9 49 2	28°32'46	5♊ 0	10°13	29°34	11°55	6° 0	2°41	6°28	20°34	27°23	26° 6	26° 1	26°44	11°50	T 17
F 18	9 52 59	29°33'22	18°16	12° 0	0♓50	12°14	5°53	2°37	6°31	20°36	27°23	26° 6	25°57	26°51	11°55	F 18
S 19	9 56 55	0♓33'56	1♋13	13°46	2° 5	12°33	5°46	2°34	6°33	20°38	27°22	26° 6	25°54	26°57	12° 0	S 19
S 20	10 0 52	1°34'28	13°54	15°31	3°20	12°52	5°40	2°30	6°35	20°40	27°22	26° 7	25°51	27° 4	12° 5	S 20
M21	10 4 48	2°34'59	26°21	17°13	4°35	13°10	5°33	2°26	6°38	20°41	27°21	26° 7	25°48	27°11	12° 9	M21
T 22	10 8 45	3°35'28	8♌36	18°53	5°50	13°28	5°27	2°23	6°40	20°43	27°21	26° 8	25°45	27°17	12°14	T 22
W23	10 12 42	4°35'55	20°42	20°31	7° 5	13°45	5°21	2°19	6°43	20°45	27°20	26°R 8	25°42	27°24	12°19	W23
T 24	10 16 38	5°36'20	2♍41	22° 5	8°20	14° 2	5°15	2°15	6°45	20°47	27°20	26° 8	25°38	27°31	12°23	T 24
F 25	10 20 35	6°36'44	14°34	23°35	9°36	14°19	5° 9	2°11	6°47	20°48	27°20	26° 8	25°35	27°37	12°28	F 25
S 26	10 24 31	7°37'06	26°25	25° 0	10°51	14°35	5° 3	2° 7	6°49	20°50	27°19	26° 7	25°32	27°44	12°32	S 26
S 27	10 28 28	8°37'27	8♎14	26°20	12° 6	14°50	4°57	2° 3	6°52	20°52	27°19	26° 5	25°29	27°51	12°37	S 27
M28	10 32 24	9♓37'46	20♎ 4	27♓34	13♓21	15♏ 6	4♌52	1♎59	6♑54	20♑53	27♊19	26♒ 3	25♒26	27♍57	12♒42	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s 5	13s14	4s27	19s16	2s 5	18s53	1s 4	11s41	1n57	18n57	0n43	0n50	2n23	23s33	0s15	21s14	0n42	16n 8	7s16	12s47	12s33	0s14	11s24	6n25
W 2	16 48	17 59	4 57	18 47	2 5	18 35	1 6	11 48	1 57	18 59	0 43	0 51	2 24	23 32	0 15	21 14	0 42	16 8	7 15	12 47	12 34	0 17	11 23	6 25
T 3	16 31	22 6	5 14	18 16	2 5	18 15	1 7	11 56	1 57	19 1	0 43	0 52	2 24	23 32	0 15	21 14	0 42	16 9	7 15	12 47	12 35	0 20	11 22	6 25
F 4	16 13	25 19	5 16	17 44	2 4	17 55	1 9	12 4	1 57	19 3	0 43	0 53	2 24	23 32	0 15	21 13	0 42	16 9	7 15	12 47	12 36	0 24	11 20	6 25
S 5	15 55	27 22	5 4	17 10	2 3	17 35	1 10	12 11	1 57	19 5	0 43	0 54	2 24	23 32	0 15	21 13	0 42	16 9	7 15	12 48	12 37	0 27	11 19	6 25
S 6	15 36	27 56	4 34	16 35	2 1	17 14	1 11	12 18	1 57	19 7	0 43	0 56	2 25	23 32	0 15	21 13	0 42	16 9	7 15	12 48	12 39	0 30	11 18	6 25
M 7	15 18	26 50	3 49	15 59	1 59	16 52	1 13	12 26	1 58	19 9	0 44	0 57	2 25	23 32	0 15	21 12	0 42	16 9	7 15	12 48	12 40	0 34	11 16	6 25
T 8	14 59	24 0	2 48	15 21	1 56	16 31	1 14	12 33	1 58	19 11	0 44	0 58	2 25	23 32	0 15	21 12	0 42	16 9	7 14	12 49	12 41	0 37	11 15	6 25
W 9	14 40	19 34	1 35	14 42	1 53	16 8	1 15	12 40	1 58	19 13	0 44	0 59	2 25	23 32	0 15	21 12	0 42	16 10	7 14	12 49	12 42	0 40	11 14	6 25
T 10	14 20	13 52	0 14	14 1	1 49	15 45	1 16	12 46	1 58	19 15	0 44	1 1	2 26	23 32	0 15	21 11	0 42	16 10	7 14	12 49	12 43	0 44	11 12	6 25
F 11	14 1	7 17	1n 9	13 19	1 44	15 22	1 17	12 53	1 58	19 17	0 44	1 2	2 26	23 31	0 15	21 11	0 42	16 10	7 14	12 49	12 44	0 47	11 11	6 25
S 12	13 41	0 18	2 27	12 36	1 39	14 58	1 18	13 0	1 58	19 19	0 44	1 4	2 26	23 31	0 15	21 11	0 42	16 10	7 14	12 49	12 45	0 50	11 10	6 25
S 13	13 21	6n38	3 34	11 52	1 34	14 34	1 19	13 6	1 59	19 21	0 44	1 5	2 26	23 31	0 15	21 11	0 42	16 10	7 14	12 49	12 46	0 54	11 8	6 25
M14	13 0	13 5	4 27	11 6	1 27	14 10	1 20	13 12	1 59	19 23	0 44	1 6	2 26	23 31	0 15	21 10	0 42	16 10	7 13	12 49	12 47	0 57	11 7	6 25
T 15	12 40	18 43	5 1	10 19	1 20	13 45	1 21	13 19	1 59	19 25	0 44	1 8	2 27	23 31	0 15	21 10	0 42	16 11	7 13	12 49	12 48	1 0	11 5	6 25
W16	12 19	23 11	5 17	9 32	1 13	13 20	1 22	13 25	1 59	19 27	0 44	1 10	2 27	23 31	0 15	21 10	0 42	16 11	7 13	12 49	12 49	1 4	11 4	6 25
T 17	11 58	26 16	5 14	8 43	1 4	12 54	1 23	13 31	1 59	19 28	0 44	1 11	2 27	23 31	0 15	21 9	0 42	16 11	7 13	12 49	12 50	1 7	11 3	6 26
F 18	11 37	27 47	4 54	7 54	0 55	12 28	1 23	13 36	1 59	19 30	0 44	1 13	2 27	23 31	0 15	21 9	0 42	16 11	7 13	12 49	12 51	1 11	11 1	6 26
S 19	11 16	27 45	4 20	7 5	0 46	12 2	1 24	13 42	1 59	19 32	0 44	1 14	2 28	23 31	0 15	21 9	0 42	16 11	7 12	12 48	12 52	1 14	11 0	6 26
S 20	10 54	26 14	3 34	6 15	0 35	11 35	1 24	13 48	1 59	19 34	0 44	1 16	2 28	23 30	0 15	21 9	0 42	16 12	7 12	12 48	12 54	1 17	10 59	6 26
M21	10 33	23 27	2 38	5 25	0 24	11 8	1 25	13 53	1 59	19 35	0 44	1 18	2 28	23 30	0 15	21 8	0 42	16 12	7 12	12 48	12 55	1 21	10 57	6 26
T 22	10 11	19 38	1 36	4 35	0 13	10 41	1 25	13 58	1 59	19 37	0 44	1 19	2 28	23 30	0 15	21 8	0 42	16 12	7 12	12 48	12 56	1 24	10 56	6 26
W23	9 49	15 4	0 30	3 46	0 0	10 14	1 26	14 3	1 59	19 38	0 45	1 21	2 28	23 30	0 15	21 8	0 42	16 12	7 12	12 48	12 57	1 27	10 54	6 26
T 24	9 27	9 57	0s36	2 57	0n13	9 46	1 26	14 8	1 59	19 40	0 45	1 23	2 28	23 30	0 15	21 7	0 42	16 12	7 11	12 48	12 58	1 31	10 53	6 26
F 25	9 5	4 31	1 40	2 9	0 26	9 18	1 26	14 13	1 59	19 41	0 45	1 24	2 29	23 30	0 15	21 7	0 42	16 13	7 11	12 48	12 59	1 34	10 52	6 27
S 26	8 42	1s 1	2 40	1 23	0 40	8 50	1 26	14 18	1 59	19 43	0 45	1 26	2 29	23 30	0 15	21 7	0 42	16 13	7 11	12 48	13 0	1 37	10 50	6 27
S 27	8 20	6 31	3 33	0 38	0 54	8 21	1 27	14 22	1 59	19 44	0 45	1 28	2 29	23 30	0 15	21 7	0 42	16 13	7 11	12 49	13 1	1 41	10 49	6 27
M28	7s57	11s47	4s16	0n 5	1n 8	7s52	1s27	14s27	1n59	19n45	0n45	1n30	2n29	23s30	0s15	21s 6	0n42	16n13	7s11	12s50	13s 2	1s44	10s47	6n27

Julian Day Number = 2508919.5, Delta T = 126.65 sec
Ecliptic obliquity = 23°25'16, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°56'07, Lahiri = 26°03'08

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2157
geocentric

MARCH 2157 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 36 21	10♓38'03	1♏58	28♓42	14♓36	15♏20	4°R46	1°R54	6♑56	20♑55	27°R19	26°R 1	25♒22	28♍ 4	12♒46	T 1
W 2	10 40 17	11°38'19	14° 0	29°42	15°51	15°35	4♌41	1♎50	6°58	20°57	27♊18	25♒59	25°19	28°11	12°51	W 2
T 3	10 44 14	12°38'34	26°13	0♈35	17° 6	15°48	4°36	1°46	7° 0	20°58	27°18	25°57	25°16	28°17	12°55	T 3
F 4	10 48 10	13°38'47	8♐40	1°20	18°21	16° 1	4°31	1°42	7° 2	21° 0	27°18	25°D56	25°13	28°24	12°59	F 4
S 5	10 52 7	14°38'59	21°27	1°56	19°36	16°14	4°27	1°37	7° 4	21° 1	27°18	25°56	25°10	28°31	13° 4	S 5
S 6	10 56 4	15°39'09	4♑36	2°23	20°51	16°26	4°22	1°33	7° 5	21° 3	27°18	25°57	25° 7	28°37	13° 8	S 6
M 7	11 0 0	16°39'18	18°11	2°41	22° 5	16°38	4°18	1°28	7° 7	21° 4	27°18	25°59	25° 3	28°44	13°13	M 7
T 8	11 3 57	17°39'25	2♒13	2°R50	23°20	16°49	4°14	1°24	7° 9	21° 6	27°18	26° 0	25° 0	28°51	13°17	T 8
W 9	11 7 53	18°39'31	16°41	2°49	24°35	16°59	4°10	1°19	7°11	21° 7	27°18	26° 1	24°57	28°57	13°21	W 9
T 10	11 11 50	19°39'34	1♓32	2°40	25°50	17° 9	4° 6	1°15	7°12	21° 9	27°17	26°R 1	24°54	29° 4	13°25	T 10
F 11	11 15 46	20°39'36	16°39	2°21	27° 5	17°19	4° 2	1°10	7°14	21°10	27°D17	26° 0	24°51	29°11	13°30	F 11
S 12	11 19 43	21°39'36	1♈54	1°55	28°20	17°27	3°59	1° 5	7°16	21°11	27°17	25°58	24°47	29°17	13°34	S 12
S 13	11 23 39	22°39'35	17° 5	1°20	29°35	17°35	3°55	1° 1	7°17	21°13	27°17	25°54	24°44	29°24	13°38	S 13
M14	11 27 36	23°39'31	2♉ 4	0°40	0♈50	17°43	3°52	0°56	7°19	21°14	27°18	25°50	24°41	29°31	13°42	M14
T 15	11 31 33	24°39'25	16°42	29♓53	2° 4	17°50	3°49	0°51	7°20	21°15	27°18	25°46	24°38	29°37	13°46	T 15
W16	11 35 29	25°39'17	0♊55	29° 2	3°19	17°56	3°47	0°47	7°21	21°17	27°18	25°43	24°35	29°44	13°50	W16
T 17	11 39 26	26°39'06	14°40	28° 8	4°34	18° 1	3°44	0°42	7°23	21°18	27°18	25°41	24°32	29°51	13°54	T 17
F 18	11 43 22	27°38'54	27°58	27°12	5°48	18° 6	3°42	0°37	7°24	21°19	27°18	25°D41	24°28	29°57	13°58	F 18
S 19	11 47 19	28°38'39	10♋51	26°15	7° 3	18°11	3°40	0°33	7°25	21°20	27°18	25°41	24°25	0♎ 4	14° 2	S 19
S 20	11 51 15	29°38'22	23°24	25°18	8°18	18°14	3°38	0°28	7°26	21°21	27°18	25°43	24°22	0°11	14° 5	S 20
M21	11 55 12	0♈38'03	5♌41	24°23	9°32	18°17	3°36	0°23	7°28	21°22	27°19	25°45	24°19	0°17	14° 9	M21
T 22	11 59 8	1°37'41	17°45	23°31	10°47	18°19	3°34	0°18	7°29	21°23	27°19	25°46	24°16	0°24	14°13	T 22
W23	12 3 5	2°37'17	29°41	22°42	12° 2	18°21	3°33	0°14	7°30	21°24	27°19	25°R46	24°13	0°31	14°17	W23
T 24	12 7 2	3°36'51	11♍32	21°58	13°16	18°21	3°32	0° 9	7°31	21°25	27°19	25°45	24° 9	0°37	14°20	T 24
F 25	12 10 58	4°36'23	23°21	21°19	14°31	18°R21	3°31	0° 4	7°32	21°26	27°20	25°41	24° 6	0°44	14°24	F 25
S 26	12 14 55	5°35'53	5♎11	20°45	15°45	18°21	3°30	29♍59	7°32	21°27	27°20	25°36	24° 3	0°51	14°27	S 26
S 27	12 18 51	6°35'21	17° 2	20°17	17° 0	18°19	3°29	29°55	7°33	21°28	27°20	25°29	24° 0	0°57	14°31	S 27
M28	12 22 48	7°34'46	28°57	19°54	18°14	18°17	3°29	29°50	7°34	21°29	27°21	25°21	23°57	1° 4	14°34	M28
T 29	12 26 44	8°34'10	10♏58	19°38	19°29	18°14	3°29	29°46	7°35	21°30	27°21	25°13	23°53	1°11	14°38	T 29
W30	12 30 41	9°33'32	23° 6	19°27	20°43	18°10	3°D29	29°41	7°35	21°31	27°21	25° 5	23°50	1°17	14°41	W30
T 31	12 34 37	10♈32'53	5♐24	19°D23	21♈57	18♏ 6	3♌29	29♍36	7♑36	21♑32	27♊22	24♒59	23♒47	1♎24	14♒44	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s34	16s40	4s49	0n45	1n23	7s23	1s27	14s31	1n59	19n47	0n45	1n31	2n29	23s30	0s15	21s 6	0n42	16n13	7s10	12s50	13s 3	1s47	10s46	6n27
W 2	7 12	20 57	5 9	1 22	1 37	6 54	1 26	14 35	1 59	19 48	0 45	1 33	2 29	23 29	0 15	21 6	0 42	16 14	7 10	12 51	13 4	1 51	10 45	6 27
T 3	6 49	24 24	5 16	1 57	1 52	6 25	1 26	14 39	1 59	19 49	0 45	1 35	2 30	23 29	0 15	21 6	0 42	16 14	7 10	12 52	13 5	1 54	10 43	6 28
F 4	6 26	26 48	5 8	2 28	2 6	5 56	1 26	14 43	1 59	19 50	0 45	1 37	2 30	23 29	0 15	21 5	0 42	16 14	7 10	12 52	13 6	1 57	10 42	6 28
S 5	6 2	27 54	4 45	2 55	2 20	5 26	1 26	14 47	1 59	19 52	0 45	1 39	2 30	23 29	0 15	21 5	0 42	16 14	7 10	12 52	13 7	2 1	10 40	6 28
S 6	5 39	27 27	4 7	3 18	2 33	4 56	1 25	14 50	1 59	19 53	0 45	1 41	2 30	23 29	0 15	21 5	0 42	16 14	7 9	12 51	13 9	2 4	10 39	6 28
M 7	5 16	25 23	3 14	3 36	2 46	4 26	1 25	14 54	1 59	19 54	0 45	1 43	2 30	23 29	0 15	21 5	0 42	16 15	7 9	12 51	13 10	2 7	10 38	6 28
T 8	4 52	21 43	2 8	3 50	2 57	3 56	1 25	14 57	1 59	19 55	0 45	1 45	2 30	23 29	0 15	21 4	0 42	16 15	7 9	12 51	13 11	2 10	10 36	6 29
W 9	4 29	16 38	0 51	3 59	3 8	3 26	1 24	15 0	1 58	19 56	0 45	1 46	2 30	23 29	0 15	21 4	0 42	16 15	7 9	12 50	13 12	2 14	10 35	6 29
T 10	4 5	10 27	0n30	4 4	3 17	2 56	1 23	15 3	1 58	19 57	0 45	1 48	2 30	23 29	0 15	21 4	0 42	16 15	7 9	12 50	13 13	2 17	10 33	6 29
F 11	3 42	3 33	1 51	4 3	3 24	2 25	1 23	15 6	1 58	19 57	0 45	1 50	2 31	23 29	0 15	21 4	0 42	16 15	7 8	12 51	13 14	2 20	10 32	6 29
S 12	3 18	3n35	3 5	3 58	3 30	1 55	1 22	15 9	1 58	19 58	0 45	1 52	2 31	23 29	0 15	21 4	0 42	16 16	7 8	12 51	13 15	2 24	10 31	6 30
S 13	2 55	10 28	4 5	3 48	3 34	1 25	1 21	15 11	1 57	19 59	0 45	1 54	2 31	23 29	0 15	21 3	0 42	16 16	7 8	12 52	13 16	2 27	10 29	6 30
M14	2 31	16 40	4 47	3 34	3 36	0 54	1 20	15 14	1 57	20 0	0 45	1 56	2 31	23 29	0 15	21 3	0 42	16 16	7 8	12 54	13 17	2 30	10 28	6 30
T 15	2 7	21 45	5 10	3 16	3 37	0 23	1 19	15 16	1 57	20 0	0 45	1 58	2 31	23 29	0 16	21 3	0 42	16 16	7 7	12 55	13 18	2 34	10 26	6 30
W16	1 44	25 25	5 12	2 54	3 35	0n 7	1 18	15 18	1 56	20 1	0 45	2 0	2 31	23 29	0 16	21 3	0 42	16 16	7 7	12 56	13 19	2 37	10 25	6 31
T 17	1 20	27 27	4 57	2 29	3 31	0 38	1 17	15 20	1 56	20 2	0 45	2 2	2 31	23 28	0 16	21 3	0 42	16 17	7 7	12 57	13 20	2 40	10 24	6 31
F 18	0 56	27 50	4 25	2 2	3 25	1 8	1 16	15 22	1 56	20 2	0 45	2 4	2 31	23 28	0 16	21 2	0 42	16 17	7 7	12 57	13 21	2 44	10 22	6 31
S 19	0 32	26 39	3 41	1 32	3 18	1 39	1 15	15 23	1 55	20 3	0 45	2 6	2 31	23 28	0 16	21 2	0 42	16 17	7 7	12 57	13 22	2 47	10 21	6 32
S 20	0 9	24 9	2 48	1 1	3 9	2 9	1 14	15 25	1 55	20 3	0 45	2 8	2 31	23 28	0 16	21 2	0 42	16 17	7 6	12 56	13 23	2 50	10 20	6 32
M21	0n15	20 35	1 48	0 30	2 58	2 40	1 13	15 26	1 54	20 3	0 45	2 10	2 31	23 28	0 16	21 2	0 42	16 17	7 6	12 56	13 24	2 54	10 18	6 32
T 22	0 39	16 12	0 44	0s 2	2 46	3 10	1 11	15 27	1 54	20 4	0 45	2 11	2 31	23 28	0 16	21 2	0 42	16 18	7 6	12 55	13 25	2 57	10 17	6 32
W23	1 3	11 14	0s21	0 33	2 33	3 41	1 10	15 28	1 53	20 4	0 45	2 13	2 31	23 28	0 16	21 1	0 42	16 18	7 6	12 55	13 27	3 0	10 16	6 33
T 24	1 26	5 55	1 25	1 4	2 19	4 11	1 9	15 29	1 52	20 4	0 45	2 15	2 31	23 28	0 16	21 1	0 42	16 18	7 6	12 56	13 28	3 4	10 14	6 33
F 25	1 50	0 25	2 24	1 33	2 4	4 41	1 7	15 29	1 52	20 5	0 45	2 17	2 31	23 28	0 16	21 1	0 42	16 18	7 5	12 57	13 29	3 7	10 13	6 33
S 26	2 13	5s 5	3 18	2 0	1 49	5 11	1 5	15 30	1 51	20 5	0 45	2 19	2 31	23 28	0 16	21 1	0 42	16 19	7 5	12 59	13 30	3 10	10 12	6 34
S 27	2 37	10 25	4 2	2 25	1 33	5 41	1 4	15 30	1 50	20 5	0 45	2 21	2 31	23 28	0 16	21 1	0 42	16 19	7 5	13 1	13 31	3 13	10 10	6 34
M28	3 0	15 24	4 37	2 48	1 18	6 11	1 2	15 30	1 49	20 5	0 44	2 23	2 31	23 28	0 16	21 1	0 42	16 19	7 5	13 4	13 32	3 17	10 9	6 34
T 29	3 24	19 50	4 59	3 9	1 2	6 41	1 1	15 30	1 49	20 5	0 44	2 25	2 31	23 28	0 16	21 0	0 42	16 19	7 5	13 6	13 33	3 20	10 8	6 35
W30	3 47	23 30	5 8	3 27	0 47	7 11	0 59	15 30	1 48	20 5	0 44	2 27	2 31	23 28	0 16	21 0	0 42	16 19	7 4	13 9	13 34	3 23	10 7	6 35
T 31	4n10	26s 9	5s 3	3s43	0n32	7n40	0s57	15s30	1n47	20n 5	0n44	2n28	2n31	23s28	0s16	21s 0	0n42	16n20	7s 4	13s11	13s35	3s27	10s 5	6n35

Julian Day Number = 2508947.5, Delta T = 126.71 sec
Ecliptic obliquity = 23°25'16, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°56'11, Lahiri = 26°03'11

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2157
geocentric

APRIL 2157 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 38 34	11♈32'11	17♐54	19♓24	23♈12	18°R 1	3♌29	29°R32	7♑37	21♑32	27♊22	24°R54	23♒44	1♎31	14♒48	F 1
S 2	12 42 31	12°31'28	0♑39	19°31	24°26	17♏55	3°30	29♍27	7°37	21°33	27°23	24♒51	23°41	1°37	14°51	S 2
S 3	12 46 27	13°30'43	13°43	19°43	25°40	17°48	3°30	29°23	7°38	21°34	27°23	24°D51	23°38	1°44	14°54	S 3
M 4	12 50 24	14°29'56	27° 9	20° 0	26°55	17°40	3°31	29°18	7°38	21°34	27°24	24°51	23°34	1°51	14°57	M 4
T 5	12 54 20	15°29'08	10♒58	20°22	28° 9	17°32	3°32	29°14	7°38	21°35	27°24	24°52	23°31	1°57	15° 0	T 5
W 6	12 58 17	16°28'17	25°13	20°49	29°23	17°23	3°34	29° 9	7°39	21°36	27°25	24°R53	23°28	2° 4	15° 3	W 6
T 7	13 2 13	17°27'25	9♓51	21°20	0♉38	17°13	3°35	29° 5	7°39	21°36	27°25	24°52	23°25	2°11	15° 6	T 7
F 8	13 6 10	18°26'31	24°50	21°55	1°52	17° 2	3°37	29° 1	7°39	21°37	27°26	24°49	23°22	2°17	15° 9	F 8
S 9	13 10 6	19°25'35	10♈ 0	22°34	3° 6	16°51	3°39	28°56	7°39	21°37	27°27	24°43	23°19	2°24	15°12	S 9
S 10	13 14 3	20°24'38	25°14	23°18	4°20	16°39	3°41	28°52	7°39	21°38	27°27	24°36	23°15	2°31	15°15	S 10
M11	13 17 59	21°23'38	10♉20	24° 4	5°34	16°26	3°43	28°48	7°R39	21°38	27°28	24°27	23°12	2°37	15°17	M11
T 12	13 21 56	22°22'36	25° 9	24°54	6°48	16°12	3°45	28°44	7°39	21°38	27°29	24°18	23° 9	2°44	15°20	T 12
W13	13 25 53	23°21'32	9♊32	25°47	8° 2	15°58	3°48	28°40	7°39	21°39	27°29	24°10	23° 6	2°51	15°22	W13
T 14	13 29 49	24°20'26	23°27	26°44	9°16	15°43	3°51	28°36	7°39	21°39	27°30	24° 4	23° 3	2°58	15°25	T 14
F 15	13 33 46	25°19'17	6♋52	27°43	10°30	15°27	3°54	28°32	7°39	21°39	27°31	24° 1	22°59	3° 4	15°27	F 15
S 16	13 37 42	26°18'07	19°49	28°45	11°44	15°11	3°57	28°28	7°39	21°40	27°32	23°59	22°56	3°11	15°30	S 16
S 17	13 41 39	27°16'53	2♌22	29°50	12°58	14°54	4° 0	28°24	7°39	21°40	27°32	23°D59	22°53	3°18	15°32	S 17
M18	13 45 35	28°15'38	14°37	0♈57	14°12	14°37	4° 4	28°20	7°38	21°40	27°33	23°59	22°50	3°24	15°34	M18
T 19	13 49 32	29°14'21	26°38	2° 6	15°26	14°19	4° 7	28°16	7°38	21°40	27°34	24°R 0	22°47	3°31	15°37	T 19
W20	13 53 29	0♉13'01	8♍30	3°18	16°40	14° 0	4°11	28°13	7°38	21°40	27°35	23°59	22°44	3°38	15°39	W20
T 21	13 57 25	1°11'39	20°19	4°32	17°54	13°41	4°15	28° 9	7°37	21°40	27°36	23°55	22°40	3°44	15°41	T 21
F 22	14 1 22	2°10'15	2♎ 7	5°49	19° 8	13°21	4°19	28° 6	7°37	21°40	27°36	23°49	22°37	3°51	15°43	F 22
S 23	14 5 18	3° 8'48	13°58	7° 7	20°21	13° 1	4°24	28° 2	7°36	21°R40	27°37	23°41	22°34	3°58	15°45	S 23
S 24	14 9 15	4° 7'20	25°54	8°28	21°35	12°41	4°28	27°59	7°35	21°40	27°38	23°30	22°31	4° 4	15°47	S 24
M25	14 13 11	5° 5'50	7♏57	9°50	22°49	12°20	4°33	27°56	7°35	21°40	27°39	23°18	22°28	4°11	15°48	M25
T 26	14 17 8	6° 4'19	20° 8	11°15	24° 3	11°59	4°37	27°52	7°34	21°40	27°40	23° 5	22°24	4°18	15°50	T 26
W27	14 21 4	7° 2'45	2♐28	12°41	25°16	11°37	4°42	27°49	7°33	21°40	27°41	22°52	22°21	4°24	15°52	W27
T 28	14 25 1	8° 1'10	14°58	14°10	26°30	11°16	4°48	27°46	7°33	21°40	27°42	22°41	22°18	4°31	15°54	T 28
F 29	14 28 57	8°59'33	27°38	15°40	27°43	10°54	4°53	27°43	7°32	21°40	27°43	22°33	22°15	4°38	15°55	F 29
S 30	14 32 54	9♉57'54	10♑32	17♈12	28♉57	10♏32	4♌58	27♍40	7♑31	21♑40	27♊44	22♒27	22♒12	4♎44	15♒57	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	4n34	27s35	4s44	3s56	0n17	8n 9	0s55	15s29	1n46	20n 5	0n44	2n30	2n31	23s28	0s16	21s 0	0n42	16n20	7s 4	13s13	13s36	3s30	10s 4	6n36
S 2	4 57	27 36	4 11	4 6	0 3	8 38	0 53	15 29	1 45	20 5	0 44	2 32	2 31	23 28	0 16	21 0	0 42	16 20	7 4	13 14	13 37	3 33	10 3	6 36
S 3	5 20	26 5	3 23	4 14	0s11	9 7	0 51	15 28	1 44	20 4	0 44	2 34	2 31	23 28	0 16	21 0	0 42	16 20	7 4	13 14	13 38	3 36	10 2	6 36
M 4	5 43	23 4	2 24	4 20	0 24	9 36	0 49	15 27	1 43	20 4	0 44	2 35	2 31	23 28	0 16	21 0	0 42	16 20	7 3	13 14	13 39	3 40	10 0	6 37
T 5	6 6	18 39	1 14	4 23	0 37	10 4	0 47	15 25	1 42	20 4	0 44	2 37	2 31	23 28	0 16	21 0	0 42	16 21	7 3	13 13	13 40	3 43	9 59	6 37
W 6	6 28	13 5	0n 2	4 23	0 49	10 33	0 45	15 24	1 41	20 4	0 44	2 39	2 31	23 28	0 16	20 59	0 42	16 21	7 3	13 13	13 41	3 46	9 58	6 38
T 7	6 51	6 38	1 20	4 22	1 1	11 0	0 43	15 22	1 39	20 3	0 44	2 41	2 31	23 28	0 16	20 59	0 42	16 21	7 3	13 13	13 42	3 50	9 57	6 38
F 8	7 13	0n18	2 34	4 18	1 12	11 28	0 41	15 21	1 38	20 3	0 44	2 42	2 31	23 28	0 16	20 59	0 42	16 21	7 3	13 14	13 43	3 53	9 56	6 38
S 9	7 36	7 18	3 38	4 12	1 22	11 56	0 39	15 19	1 37	20 2	0 44	2 44	2 31	23 28	0 16	20 59	0 43	16 21	7 2	13 16	13 44	3 56	9 54	6 39
S 10	7 58	13 53	4 26	4 4	1 32	12 23	0 37	15 17	1 35	20 2	0 44	2 46	2 31	23 28	0 16	20 59	0 43	16 22	7 2	13 19	13 45	3 59	9 53	6 39
M11	8 20	19 35	4 56	3 54	1 41	12 50	0 34	15 14	1 34	20 1	0 44	2 47	2 31	23 28	0 16	20 59	0 43	16 22	7 2	13 22	13 46	4 3	9 52	6 40
T 12	8 42	23 58	5 5	3 42	1 49	13 16	0 32	15 12	1 32	20 1	0 44	2 49	2 31	23 28	0 16	20 59	0 43	16 22	7 2	13 25	13 47	4 6	9 51	6 40
W13	9 4	26 43	4 54	3 28	1 57	13 42	0 30	15 9	1 31	20 0	0 44	2 50	2 31	23 28	0 16	20 59	0 43	16 22	7 2	13 27	13 49	4 9	9 50	6 40
T 14	9 26	27 42	4 26	3 12	2 4	14 8	0 27	15 7	1 29	19 59	0 44	2 52	2 31	23 28	0 16	20 59	0 43	16 22	7 1	13 29	13 50	4 13	9 49	6 41
F 15	9 47	26 59	3 44	2 55	2 11	14 34	0 25	15 4	1 27	19 59	0 44	2 53	2 31	23 28	0 16	20 59	0 43	16 23	7 1	13 30	13 51	4 16	9 48	6 41
S 16	10 9	24 48	2 52	2 36	2 17	14 59	0 23	15 1	1 26	19 58	0 44	2 55	2 31	23 28	0 16	20 59	0 43	16 23	7 1	13 31	13 52	4 19	9 47	6 42
S 17	10 30	21 27	1 53	2 15	2 23	15 24	0 20	14 57	1 24	19 57	0 44	2 56	2 30	23 28	0 16	20 59	0 43	16 23	7 1	13 31	13 53	4 22	9 45	6 42
M18	10 51	17 14	0 50	1 53	2 27	15 48	0 18	14 54	1 22	19 56	0 44	2 58	2 30	23 28	0 16	20 59	0 43	16 23	7 1	13 31	13 54	4 26	9 44	6 42
T 19	11 12	12 24	0s14	1 29	2 32	16 12	0 15	14 51	1 20	19 55	0 44	2 59	2 30	23 28	0 16	20 59	0 43	16 23	7 1	13 31	13 55	4 29	9 43	6 43
W20	11 32	7 11	1 17	1 4	2 35	16 36	0 13	14 47	1 18	19 54	0 44	3 0	2 30	23 28	0 16	20 59	0 43	16 24	7 0	13 31	13 56	4 32	9 42	6 43
T 21	11 53	1 46	2 15	0 37	2 38	16 59	0 10	14 43	1 16	19 53	0 44	3 2	2 30	23 28	0 16	20 59	0 43	16 24	7 0	13 32	13 57	4 35	9 41	6 44
F 22	12 13	3s43	3 8	0 9	2 41	17 22	0 8	14 39	1 14	19 52	0 44	3 3	2 30	23 28	0 16	20 59	0 43	16 24	7 0	13 34	13 58	4 39	9 40	6 44
S 23	12 33	9 5	3 53	0n20	2 43	17 44	0 5	14 35	1 12	19 51	0 44	3 4	2 30	23 29	0 16	20 58	0 43	16 24	7 0	13 37	13 59	4 42	9 39	6 45
S 24	12 53	14 9	4 27	0 50	2 44	18 6	0 3	14 31	1 10	19 50	0 43	3 6	2 30	23 29	0 16	20 58	0 43	16 24	7 0	13 41	14 0	4 45	9 38	6 45
M25	13 13	18 43	4 51	1 22	2 45	18 27	0 0	14 27	1 8	19 49	0 43	3 7	2 30	23 29	0 16	20 58	0 43	16 25	6 59	13 45	14 1	4 49	9 37	6 45
T 26	13 32	22 35	5 1	1 55	2 45	18 48	0n 2	14 23	1 6	19 48	0 43	3 8	2 29	23 29	0 16	20 58	0 43	16 25	6 59	13 49	14 2	4 52	9 37	6 46
W27	13 51	25 29	4 57	2 28	2 45	19 9	0 5	14 18	1 3	19 46	0 43	3 9	2 29	23 29	0 16	20 58	0 43	16 25	6 59	13 53	14 3	4 55	9 36	6 46
T 28	14 10	27 12	4 39	3 3	2 44	19 29	0 7	14 14	1 1	19 45	0 43	3 10	2 29	23 29	0 16	20 58	0 43	16 25	6 59	13 57	14 4	4 58	9 35	6 47
F 29	14 29	27 31	4 7	3 39	2 43	19 48	0 10	14 9	0 59	19 44	0 43	3 11	2 29	23 29	0 17	20 58	0 43	16 25	6 59	13 59	14 5	5 2	9 34	6 47
S 30	14n48	26s22	3s22	4n16	2s41	20n 7	0n13	14s 5	0n56	19n42	0n43	3n12	2n29	23s29	0s17	20s59	0n43	16n25	6s59	14s 1	14s 6	5s 5	9s33	6n48

Julian Day Number = 2508978.5, Delta T = 126.77 sec
Ecliptic obliquity = 23°25'16, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°56'15, Lahiri = 26°03'16

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2157
geocentric

MAY 2157 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 36 51	10♉56'14	23♉39	18♈46	0♊11	10°R 9	5♌ 4	27°R37	7°R30	21°R39	27♊45	22°R24	22♒ 9	4♎51	15♒58	S 1
M 2	14 40 47	11°54'32	7♒ 2	20°22	1°24	9♏47	5°10	27♍35	7♉29	21♉39	27°46	22♒23	22° 5	4°58	15°59	M 2
T 3	14 44 44	12°52'49	20°45	22° 0	2°37	9°25	5°16	27°32	7°28	21°39	27°47	22°23	22° 2	5° 4	16° 1	T 3
W 4	14 48 40	13°51'04	4♓47	23°40	3°51	9° 2	5°22	27°30	7°27	21°38	27°48	22°23	21°59	5°11	16° 2	W 4
T 5	14 52 37	14°49'18	19° 9	25°21	5° 4	8°40	5°28	27°27	7°26	21°38	27°49	22°21	21°56	5°18	16° 3	T 5
F 6	14 56 33	15°47'31	3♈49	27° 4	6°18	8°18	5°34	27°25	7°24	21°38	27°50	22°17	21°53	5°24	16° 4	F 6
S 7	15 0 30	16°45'41	18°42	28°49	7°31	7°55	5°41	27°22	7°23	21°37	27°51	22°10	21°50	5°31	16° 5	S 7
S 8	15 4 26	17°43'51	3♉41	0♉36	8°44	7°34	5°47	27°20	7°22	21°37	27°53	22° 0	21°46	5°38	16° 6	S 8
M 9	15 8 23	18°41'59	18°37	2°25	9°58	7°12	5°54	27°18	7°21	21°36	27°54	21°49	21°43	5°45	16° 7	M 9
T 10	15 12 20	19°40'05	3♊19	4°16	11°11	6°50	6° 1	27°16	7°19	21°36	27°55	21°38	21°40	5°51	16° 8	T 10
W11	15 16 16	20°38'09	17°41	6° 8	12°24	6°29	6° 8	27°14	7°18	21°35	27°56	21°27	21°37	5°58	16° 9	W11
T 12	15 20 13	21°36'12	1♋38	8° 3	13°37	6° 9	6°15	27°13	7°16	21°35	27°57	21°19	21°34	6° 5	16° 9	T 12
F 13	15 24 9	22°34'13	15° 6	9°59	14°51	5°48	6°23	27°11	7°15	21°34	27°58	21°13	21°30	6°11	16°10	F 13
S 14	15 28 6	23°32'13	28° 7	11°57	16° 4	5°28	6°30	27° 9	7°14	21°33	28° 0	21° 9	21°27	6°18	16°10	S 14
S 15	15 32 2	24°30'10	10♌44	13°56	17°17	5° 9	6°38	27° 8	7°12	21°33	28° 1	21° 8	21°24	6°25	16°11	S 15
M16	15 35 59	25°28'05	23° 1	15°58	18°30	4°50	6°45	27° 6	7°10	21°32	28° 2	21° 8	21°21	6°31	16°11	M16
T 17	15 39 56	26°25'59	5♍ 3	18° 1	19°43	4°32	6°53	27° 5	7° 9	21°31	28° 3	21° 8	21°18	6°38	16°12	T 17
W18	15 43 52	27°23'51	16°56	20° 6	20°56	4°14	7° 1	27° 4	7° 7	21°31	28° 4	21° 7	21°15	6°45	16°12	W18
T 19	15 47 49	28°21'41	28°45	22°12	22° 9	3°57	7° 9	27° 3	7° 5	21°30	28° 6	21° 3	21°11	6°51	16°12	T 19
F 20	15 51 45	29°19'30	10♎35	24°20	23°22	3°40	7°17	27° 2	7° 4	21°29	28° 7	20°58	21° 8	6°58	16°12	F 20
S 21	15 55 42	0♊17'16	22°29	26°29	24°35	3°24	7°26	27° 1	7° 2	21°28	28° 8	20°49	21° 5	7° 5	16°R12	S 21
S 22	15 59 38	1°15'02	4♏32	28°39	25°48	3° 9	7°34	27° 0	7° 0	21°27	28°10	20°38	21° 2	7°11	16°12	S 22
M23	16 3 35	2°12'46	16°44	0♊49	27° 0	2°55	7°43	26°59	6°58	21°26	28°11	20°26	20°59	7°18	16°12	M23
T 24	16 7 31	3°10'28	29° 8	3° 0	28°13	2°41	7°51	26°59	6°56	21°25	28°12	20°13	20°56	7°25	16°12	T 24
W25	16 11 28	4° 8'10	11♐43	5°12	29°26	2°28	8° 0	26°58	6°55	21°25	28°13	20° 1	20°52	7°31	16°12	W25
T 26	16 15 25	5° 5'50	24°30	7°24	0♋39	2°16	8° 9	26°58	6°53	21°24	28°15	19°50	20°49	7°38	16°11	T 26
F 27	16 19 21	6° 3'29	7♑29	9°35	1°51	2° 4	8°18	26°58	6°51	21°23	28°16	19°41	20°46	7°45	16°11	F 27
S 28	16 23 18	7° 1'06	20°39	11°46	3° 4	1°54	8°27	26°57	6°49	21°22	28°17	19°36	20°43	7°52	16°11	S 28
S 29	16 27 14	7°58'43	4♒ 0	13°57	4°17	1°44	8°36	26°D57	6°47	21°21	28°19	19°33	20°40	7°58	16°10	S 29
M30	16 31 11	8°56'19	17°33	16° 6	5°29	1°35	8°46	26°57	6°45	21°19	28°20	19°D32	20°36	8° 5	16°10	M30
T 31	16 35 7	9♊53'54	1♓18	18♊14	6♋42	1♏26	8♌55	26♍57	6♑43	21♑18	28♊22	19♒32	20♒33	8♎12	16♒ 9	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15n 6	23 s45	2 s26	4n54	2 s38	20n25	0n15	14 s 0	0n54	19n41	0n43	3n13	2n29	23 s29	0 s17	20 s59	0n43	16n26	6 s58	14 s 2	14 s 7	5 s 8	9 s32	6n48
M 2	15 24	19 48	1 20	5 33	2 35	20 43	0 18	13 55	0 51	19 40	0 43	3 14	2 29	23 29	0 17	20 59	0 43	16 26	6 58	14 2	14 8	5 11	9 31	6 49
T 3	15 42	14 42	0 9	6 13	2 32	21 0	0 20	13 51	0 49	19 38	0 43	3 15	2 28	23 29	0 17	20 59	0 43	16 26	6 58	14 2	14 9	5 15	9 31	6 49
W 4	15 59	8 44	1n 5	6 53	2 28	21 17	0 23	13 46	0 46	19 37	0 43	3 16	2 28	23 29	0 17	20 59	0 43	16 26	6 58	14 2	14 10	5 18	9 30	6 49
T 5	16 16	2 12	2 16	7 34	2 23	21 33	0 26	13 41	0 44	19 35	0 43	3 17	2 28	23 29	0 17	20 59	0 43	16 26	6 58	14 3	14 11	5 21	9 29	6 50
F 6	16 33	4n35	3 20	8 16	2 18	21 48	0 28	13 37	0 41	19 34	0 43	3 17	2 28	23 29	0 17	20 59	0 43	16 27	6 58	14 4	14 12	5 24	9 28	6 50
S 7	16 50	11 12	4 11	8 59	2 13	22 3	0 31	13 32	0 38	19 32	0 43	3 18	2 28	23 30	0 17	20 59	0 43	16 27	6 58	14 7	14 13	5 28	9 27	6 51
S 8	17 6	17 12	4 45	9 42	2 6	22 18	0 33	13 27	0 36	19 30	0 43	3 19	2 28	23 30	0 17	20 59	0 43	16 27	6 57	14 10	14 14	5 31	9 27	6 51
M 9	17 22	22 9	5 0	10 26	2 0	22 31	0 36	13 23	0 33	19 29	0 43	3 20	2 27	23 30	0 17	20 59	0 43	16 27	6 57	14 13	14 15	5 34	9 26	6 52
T 10	17 38	25 37	4 54	11 10	1 53	22 44	0 38	13 18	0 31	19 27	0 43	3 20	2 27	23 30	0 17	20 59	0 43	16 27	6 57	14 17	14 16	5 37	9 25	6 52
W11	17 54	27 20	4 30	11 54	1 45	22 57	0 41	13 14	0 28	19 25	0 43	3 21	2 27	23 30	0 17	20 59	0 43	16 27	6 57	14 20	14 17	5 40	9 25	6 53
T 12	18 9	27 15	3 50	12 39	1 37	23 8	0 43	13 10	0 25	19 23	0 43	3 21	2 27	23 30	0 17	20 59	0 43	16 27	6 57	14 23	14 18	5 44	9 24	6 53
F 13	18 24	25 31	2 58	13 23	1 29	23 19	0 46	13 6	0 23	19 21	0 43	3 22	2 27	23 30	0 17	20 59	0 43	16 28	6 57	14 25	14 19	5 47	9 23	6 54
S 14	18 39	22 27	1 59	14 8	1 20	23 30	0 48	13 1	0 20	19 19	0 43	3 22	2 26	23 30	0 17	20 59	0 43	16 28	6 57	14 26	14 20	5 50	9 23	6 54
S 15	18 53	18 24	0 55	14 53	1 11	23 39	0 51	12 57	0 17	19 18	0 43	3 23	2 26	23 30	0 17	20 59	0 43	16 28	6 56	14 27	14 21	5 53	9 22	6 55
M16	19 7	13 41	0 s10	15 37	1 2	23 48	0 53	12 54	0 15	19 16	0 43	3 23	2 26	23 30	0 17	21 0	0 43	16 28	6 56	14 27	14 22	5 57	9 22	6 55
T 17	19 20	8 31	1 13	16 21	0 52	23 57	0 56	12 50	0 12	19 14	0 43	3 23	2 26	23 31	0 17	21 0	0 43	16 28	6 56	14 27	14 23	6 0	9 21	6 55
W18	19 34	3 8	2 12	17 5	0 42	24 5	0 58	12 47	0 9	19 12	0 43	3 24	2 26	23 31	0 17	21 0	0 43	16 28	6 56	14 27	14 24	6 3	9 21	6 56
T 19	19 47	2 s20	3 5	17 48	0 31	24 12	1 0	12 43	0 7	19 9	0 43	3 24	2 26	23 31	0 17	21 0	0 43	16 29	6 56	14 28	14 26	6 6	9 20	6 56
F 20	19 59	7 43	3 50	18 30	0 21	24 18	1 3	12 40	0 4	19 7	0 43	3 24	2 25	23 31	0 17	21 0	0 43	16 29	6 56	14 30	14 27	6 9	9 20	6 57
S 21	20 12	12 51	4 25	19 11	0 11	24 23	1 5	12 37	0 1	19 5	0 43	3 24	2 25	23 31	0 17	21 0	0 43	16 29	6 56	14 33	14 28	6 13	9 19	6 57
S 22	20 24	17 33	4 49	19 51	0n 0	24 28	1 7	12 34	0 s 1	19 3	0 43	3 25	2 25	23 31	0 17	21 0	0 43	16 29	6 56	14 36	14 29	6 16	9 19	6 58
M23	20 35	21 36	5 0	20 29	0 11	24 33	1 9	12 32	0 4	19 1	0 43	3 25	2 25	23 31	0 17	21 0	0 43	16 29	6 55	14 40	14 30	6 19	9 18	6 58
T 24	20 47	24 46	4 57	21 5	0 21	24 36	1 11	12 30	0 6	18 59	0 42	3 25	2 25	23 31	0 17	21 0	0 43	16 29	6 55	14 44	14 31	6 22	9 18	6 59
W25	20 57	26 47	4 40	21 40	0 31	24 39	1 14	12 27	0 9	18 56	0 42	3 25	2 24	23 31	0 17	21 1	0 43	16 29	6 55	14 48	14 32	6 25	9 18	6 59
T 26	21 8	27 26	4 8	22 12	0 41	24 41	1 16	12 26	0 11	18 54	0 42	3 25	2 24	23 32	0 17	21 1	0 43	16 29	6 55	14 51	14 33	6 29	9 17	7 0
F 27	21 18	26 35	3 23	22 43	0 51	24 42	1 18	12 24	0 14	18 52	0 42	3 25	2 24	23 32	0 17	21 1	0 43	16 30	6 55	14 54	14 34	6 32	9 17	7 0
S 28	21 28	24 15	2 27	23 11	1 0	24 43	1 20	12 22	0 16	18 49	0 42	3 24	2 24	23 32	0 17	21 1	0 43	16 30	6 55	14 56	14 35	6 35	9 17	7 0
S 29	21 37	20 34	1 22	23 36	1 9	24 43	1 22	12 21	0 18	18 47	0 42	3 24	2 23	23 32	0 17	21 1	0 43	16 30	6 55	14 57	14 36	6 38	9 16	7 1
M30	21 46	15 44	0 11	23 59	1 18	24 42	1 23	12 20	0 21	18 44	0 42	3 24	2 23	23 32	0 17	21 1	0 43	16 30	6 55	14 57	14 37	6 41	9 16	7 1
T 31	21n55	10 s 2	1n 2	24n19	1n26	24n40	1n25	12 s20	0 s23	18n42	0n42	3n24	2n23	23 s32	0 s17	21 s 2	0n43	16n30	6 s55	14 s57	14 s38	6 s45	9 s16	7n 2

Julian Day Number = 2509008.5, Delta T = 126.83 sec
Ecliptic obliquity = 23°25'15, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°56'19, Lahiri = 26°03'20

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2157
geocentric

JUNE 2157 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 39 4	10♊51'28	15♓16	20♊21	7♋54	1°R19	9♌ 4	26♍58	6°R40	21°R17	28♊23	19°R32	20♒30	8♎18	16°R 8	W 1
T 2	16 43 0	11°49'01	29°28	22°25	9° 7	1♏12	9°14	26°58	6♑38	21♑16	28°24	19♒31	20°27	8°25	16♒ 7	T 2
F 3	16 46 57	12°46'33	13♈50	24°28	10°19	1° 6	9°24	26°58	6°36	21°15	28°26	19°28	20°24	8°32	16° 7	F 3
S 4	16 50 54	13°44'05	28°22	26°29	11°31	1° 1	9°34	26°59	6°34	21°14	28°27	19°22	20°21	8°38	16° 6	S 4
S 5	16 54 50	14°41'36	12♉56	28°28	12°44	0°57	9°44	27° 0	6°32	21°13	28°28	19°14	20°17	8°45	16° 5	S 5
M 6	16 58 47	15°39'06	27°29	0♋24	13°56	0°53	9°54	27° 0	6°30	21°11	28°30	19° 5	20°14	8°52	16° 4	M 6
T 7	17 2 43	16°36'35	11♊51	2°18	15° 8	0°51	10° 4	27° 1	6°27	21°10	28°31	18°55	20°11	8°58	16° 3	T 7
W 8	17 6 40	17°34'04	25°58	4°10	16°21	0°49	10°14	27° 2	6°25	21° 9	28°33	18°46	20° 8	9° 5	16° 1	W 8
T 9	17 10 36	18°31'31	9♋44	5°59	17°33	0°48	10°24	27° 3	6°23	21° 8	28°34	18°39	20° 5	9°12	16° 0	T 9
F 10	17 14 33	19°28'58	23° 6	7°46	18°45	0°D47	10°34	27° 4	6°21	21° 6	28°35	18°34	20° 2	9°19	15°59	F 10
S 11	17 18 29	20°26'23	6♌ 5	9°30	19°57	0°48	10°45	27° 5	6°18	21° 5	28°37	18°31	19°58	9°25	15°58	S 11
S 12	17 22 26	21°23'47	18°42	11°11	21° 9	0°49	10°55	27° 7	6°16	21° 4	28°38	18°D30	19°55	9°32	15°56	S 12
M13	17 26 23	22°21'10	1♍ 1	12°50	22°21	0°52	11° 6	27° 8	6°14	21° 2	28°40	18°31	19°52	9°39	15°55	M13
T 14	17 30 19	23°18'33	13° 5	14°26	23°33	0°55	11°17	27°10	6°11	21° 1	28°41	18°32	19°49	9°45	15°53	T 14
W15	17 34 16	24°15'54	25° 0	15°59	24°45	0°58	11°27	27°11	6° 9	20°59	28°43	18°R32	19°46	9°52	15°52	W15
T 16	17 38 12	25°13'14	6♎51	17°30	25°57	1° 3	11°38	27°13	6° 7	20°58	28°44	18°31	19°42	9°59	15°50	T 16
F 17	17 42 9	26°10'33	18°43	18°57	27° 9	1° 8	11°49	27°15	6° 4	20°57	28°45	18°28	19°39	10° 5	15°48	F 17
S 18	17 46 5	27° 7'52	0♏40	20°23	28°21	1°14	12° 0	27°17	6° 2	20°55	28°47	18°24	19°36	10°12	15°46	S 18
S 19	17 50 2	28° 5'09	12°48	21°45	29°32	1°21	12°11	27°19	5°59	20°54	28°48	18°17	19°33	10°19	15°45	S 19
M20	17 53 58	29° 2'26	25° 8	23° 5	0♌44	1°28	12°22	27°21	5°57	20°52	28°50	18° 9	19°30	10°25	15°43	M20
T 21	17 57 55	29°59'42	7♐42	24°21	1°56	1°36	12°34	27°23	5°54	20°51	28°51	18° 1	19°27	10°32	15°41	T 21
W22	18 1 52	0♋56'58	20°33	25°35	3° 7	1°45	12°45	27°26	5°52	20°49	28°52	17°53	19°23	10°39	15°39	W22
T 23	18 5 48	1°54'13	3♑39	26°46	4°19	1°55	12°56	27°28	5°50	20°48	28°54	17°46	19°20	10°46	15°37	T 23
F 24	18 9 45	2°51'28	16°59	27°54	5°30	2° 5	13° 8	27°31	5°47	20°46	28°55	17°40	19°17	10°52	15°35	F 24
S 25	18 13 41	3°48'42	0♒31	28°58	6°42	2°16	13°19	27°33	5°45	20°45	28°57	17°37	19°14	10°59	15°32	S 25
S 26	18 17 38	4°45'56	14°15	29°59	7°53	2°27	13°31	27°36	5°42	20°43	28°58	17°D36	19°11	11° 6	15°30	S 26
M27	18 21 34	5°43'10	28° 8	0♌58	9° 4	2°39	13°42	27°39	5°40	20°42	29° 0	17°36	19° 8	11°12	15°28	M27
T 28	18 25 31	6°40'24	12♓ 8	1°53	10°15	2°52	13°54	27°42	5°37	20°40	29° 1	17°37	19° 4	11°19	15°26	T 28
W29	18 29 28	7°37'37	26°14	2°44	11°27	3° 5	14° 6	27°45	5°35	20°39	29° 2	17°39	19° 1	11°26	15°23	W29
T 30	18 33 24	8♋34'51	10♈24	3♌32	12♌38	3♏19	14♌18	27♍48	5♑33	20♑37	29♊ 4	17°R39	18♒58	11♎32	15♒21	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n 3	3s46	2n12	24n37	1n33	24n38	1n27	12s19	0s25	18n39	0n42	3n24	2n23	23s32	0s17	21s 2	0n43	16n30	6s55	14s57	14s39	6s48	9s16	7n 2
T 2	22 11	2n46	3 15	24 51	1 39	24 35	1 29	12 19	0 28	18 37	0 42	3 23	2 23	23 32	0 17	21 2	0 43	16 30	6 54	14 57	14 40	6 51	9 16	7 3
F 3	22 19	9 15	4 7	25 3	1 45	24 31	1 30	12 19	0 30	18 34	0 42	3 23	2 22	23 33	0 17	21 2	0 43	16 30	6 54	14 58	14 41	6 54	9 15	7 3
S 4	22 26	15 17	4 43	25 13	1 50	24 27	1 32	12 19	0 32	18 31	0 42	3 22	2 22	23 33	0 17	21 2	0 43	16 30	6 54	15 0	14 42	6 57	9 15	7 4
S 5	22 33	20 29	5 1	25 19	1 55	24 22	1 34	12 20	0 34	18 29	0 42	3 22	2 22	23 33	0 17	21 2	0 43	16 31	6 54	15 3	14 43	7 1	9 15	7 4
M 6	22 39	24 27	5 0	25 24	1 58	24 16	1 35	12 20	0 36	18 26	0 42	3 22	2 22	23 33	0 17	21 3	0 43	16 31	6 54	15 5	14 44	7 4	9 15	7 4
T 7	22 45	26 48	4 40	25 25	2 1	24 10	1 37	12 21	0 38	18 23	0 42	3 21	2 22	23 33	0 17	21 3	0 43	16 31	6 54	15 8	14 45	7 7	9 15	7 5
W 8	22 50	27 24	4 2	25 25	2 3	24 2	1 38	12 23	0 40	18 21	0 42	3 20	2 21	23 33	0 17	21 3	0 43	16 31	6 54	15 11	14 46	7 10	9 15	7 5
T 9	22 56	26 15	3 12	25 22	2 5	23 55	1 39	12 24	0 42	18 18	0 42	3 20	2 21	23 33	0 17	21 3	0 43	16 31	6 54	15 14	14 47	7 13	9 15	7 6
F 10	23 0	23 36	2 11	25 17	2 5	23 46	1 40	12 26	0 44	18 15	0 42	3 19	2 21	23 33	0 17	21 3	0 43	16 31	6 54	15 15	14 48	7 16	9 15	7 6
S 11	23 5	19 48	1 6	25 10	2 5	23 37	1 42	12 28	0 46	18 12	0 42	3 19	2 21	23 34	0 17	21 4	0 43	16 31	6 54	15 16	14 49	7 20	9 15	7 6
S 12	23 8	15 11	0s 1	25 1	2 4	23 27	1 43	12 30	0 48	18 9	0 42	3 18	2 21	23 34	0 17	21 4	0 43	16 31	6 54	15 16	14 50	7 23	9 15	7 7
M13	23 12	10 4	1 7	24 50	2 2	23 16	1 44	12 33	0 50	18 6	0 42	3 17	2 20	23 34	0 17	21 4	0 43	16 31	6 54	15 16	14 51	7 26	9 15	7 7
T 14	23 15	4 40	2 8	24 38	2 0	23 5	1 45	12 35	0 52	18 3	0 42	3 16	2 20	23 34	0 17	21 4	0 43	16 31	6 54	15 16	14 52	7 29	9 15	7 8
W15	23 18	0s49	3 3	24 24	1 57	22 53	1 46	12 38	0 54	18 0	0 42	3 15	2 20	23 34	0 17	21 4	0 43	16 31	6 53	15 16	14 53	7 32	9 15	7 8
T 16	23 20	6 14	3 50	24 9	1 53	22 41	1 46	12 42	0 55	17 57	0 42	3 14	2 20	23 34	0 17	21 5	0 43	16 31	6 53	15 16	14 54	7 35	9 15	7 8
F 17	23 22	11 26	4 27	23 52	1 48	22 28	1 47	12 45	0 57	17 54	0 42	3 14	2 19	23 34	0 17	21 5	0 43	16 32	6 53	15 17	14 55	7 39	9 15	7 9
S 18	23 23	16 16	4 52	23 34	1 43	22 14	1 48	12 49	0 59	17 51	0 42	3 13	2 19	23 34	0 17	21 5	0 43	16 32	6 53	15 18	14 56	7 42	9 15	7 9
S 19	23 24	20 31	5 5	23 16	1 37	22 0	1 48	12 53	1 0	17 48	0 42	3 12	2 19	23 35	0 17	21 5	0 43	16 32	6 53	15 20	14 57	7 45	9 16	7 9
M20	23 25	23 57	5 5	22 56	1 30	21 45	1 49	12 57	1 2	17 45	0 42	3 11	2 19	23 35	0 17	21 5	0 43	16 32	6 53	15 23	14 58	7 48	9 16	7 10
T 21	23 25	26 20	4 49	22 35	1 23	21 29	1 49	13 1	1 4	17 42	0 42	3 9	2 19	23 35	0 17	21 6	0 43	16 32	6 53	15 25	14 59	7 51	9 16	7 10
W22	23 25	27 23	4 19	22 14	1 15	21 13	1 50	13 6	1 5	17 39	0 42	3 8	2 18	23 35	0 17	21 6	0 43	16 32	6 53	15 28	15 0	7 54	9 16	7 11
T 23	23 24	26 57	3 35	21 52	1 6	20 57	1 50	13 10	1 7	17 35	0 42	3 7	2 18	23 35	0 17	21 6	0 43	16 32	6 53	15 30	15 1	7 57	9 16	7 11
F 24	23 23	24 57	2 38	21 30	0 57	20 40	1 50	13 15	1 8	17 32	0 42	3 6	2 18	23 35	0 17	21 6	0 43	16 32	6 53	15 31	15 2	8 1	9 17	7 11
S 25	23 22	21 30	1 31	21 7	0 47	20 22	1 50	13 20	1 9	17 29	0 42	3 5	2 18	23 35	0 17	21 7	0 43	16 32	6 53	15 32	15 3	8 4	9 17	7 12
S 26	23 20	16 50	0 18	20 44	0 37	20 4	1 50	13 26	1 11	17 26	0 42	3 4	2 18	23 35	0 17	21 7	0 43	16 32	6 53	15 33	15 4	8 7	9 17	7 12
M27	23 18	11 14	0n57	20 21	0 26	19 45	1 50	13 31	1 12	17 22	0 42	3 2	2 17	23 35	0 17	21 7	0 43	16 32	6 53	15 33	15 5	8 10	9 18	7 12
T 28	23 15	5 1	2 9	19 58	0 14	19 25	1 50	13 37	1 14	17 19	0 42	3 1	2 17	23 36	0 18	21 7	0 43	16 32	6 53	15 32	15 6	8 13	9 18	7 12
W29	23 12	1n28	3 14	19 34	0 2	19 6	1 50	13 42	1 15	17 16	0 42	3 0	2 17	23 36	0 18	21 8	0 43	16 32	6 53	15 32	15 7	8 16	9 18	7 13
T 30	23n 9	7n55	4n 8	19n11	0s10	18n45	1n50	13s48	1s16	17n12	0n42	2n58	2n17	23s36	0s18	21s 8	0n43	16n32	6s53	15s32	15s 8	8s19	9s19	7n13

Julian Day Number = 2509039.5, Delta T = 126.89 sec
Ecliptic obliquity = 23°25'14, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°56'24, Lahiri = 26°03'24

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2157
geocentric

JULY 2157 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 37 21	9♋32'05	24♈37	4♌16	13♌49	3♏34	14♌29	27♍51	5°R30	20°R35	29♊ 5	17°R38	18♒55	11♎39	15°R18	F 1
S 2	18 41 17	10°29'19	8♉51	4°56	15° 0	3°49	14°41	27°54	5♑28	20♑34	29° 7	17♒36	18°52	11°46	15♒16	S 2
S 3	18 45 14	11°26'33	23° 2	5°33	16°11	4° 5	14°53	27°57	5°25	20°32	29° 8	17°32	18°48	11°52	15°13	S 3
M 4	18 49 10	12°23'47	7♊ 8	6° 5	17°22	4°21	15° 5	28° 1	5°23	20°31	29° 9	17°27	18°45	11°59	15°11	M 4
T 5	18 53 7	13°21'01	21° 3	6°34	18°33	4°38	15°17	28° 4	5°20	20°29	29°11	17°21	18°42	12° 6	15° 8	T 5
W 6	18 57 3	14°18'16	4♋45	6°58	19°43	4°55	15°29	28° 8	5°18	20°27	29°12	17°16	18°39	12°13	15° 5	W 6
T 7	19 1 0	15°15'30	18°11	7°17	20°54	5°13	15°42	28°12	5°16	20°26	29°14	17°13	18°36	12°19	15° 3	T 7
F 8	19 4 57	16°12'44	1♌18	7°32	22° 5	5°32	15°54	28°15	5°13	20°24	29°15	17°10	18°33	12°26	15° 0	F 8
S 9	19 8 53	17° 9'59	14° 7	7°43	23°15	5°51	16° 6	28°19	5°11	20°23	29°16	17°D 9	18°29	12°33	14°57	S 9
S 10	19 12 50	18° 7'13	26°39	7°49	24°26	6°10	16°18	28°23	5° 9	20°21	29°18	17° 9	18°26	12°39	14°54	S 10
M11	19 16 46	19° 4'27	8♍55	7°R50	25°36	6°30	16°31	28°27	5° 6	20°19	29°19	17°11	18°23	12°46	14°51	M11
T 12	19 20 43	20° 1'40	20°59	7°46	26°47	6°51	16°43	28°31	5° 4	20°18	29°20	17°12	18°20	12°53	14°49	T 12
W13	19 24 39	20°58'54	2♎54	7°38	27°57	7°12	16°56	28°35	5° 1	20°16	29°22	17°14	18°17	12°59	14°46	W13
T 14	19 28 36	21°56'08	14°46	7°25	29° 7	7°33	17° 8	28°40	4°59	20°14	29°23	17°15	18°14	13° 6	14°43	T 14
F 15	19 32 32	22°53'21	26°39	7° 8	0♍17	7°55	17°20	28°44	4°57	20°13	29°24	17°R15	18°10	13°13	14°40	F 15
S 16	19 36 29	23°50'35	8♏38	6°46	1°28	8°17	17°33	28°48	4°55	20°11	29°26	17°14	18° 7	13°20	14°37	S 16
S 17	19 40 26	24°47'49	20°47	6°20	2°38	8°40	17°46	28°53	4°52	20°10	29°27	17°12	18° 4	13°26	14°34	S 17
M18	19 44 22	25°45'03	3♐11	5°50	3°47	9° 3	17°58	28°57	4°50	20° 8	29°28	17°10	18° 1	13°33	14°30	M18
T 19	19 48 19	26°42'17	15°52	5°18	4°57	9°27	18°11	29° 2	4°48	20° 6	29°30	17° 7	17°58	13°40	14°27	T 19
W20	19 52 15	27°39'31	28°52	4°42	6° 7	9°51	18°24	29° 7	4°46	20° 5	29°31	17° 4	17°54	13°46	14°24	W20
T 21	19 56 12	28°36'46	12♑12	4° 3	7°17	10°15	18°36	29°12	4°44	20° 3	29°32	17° 1	17°51	13°53	14°21	T 21
F 22	20 0 8	29°34'00	25°52	3°23	8°26	10°40	18°49	29°16	4°41	20° 2	29°34	17° 0	17°48	14° 0	14°18	F 22
S 23	20 4 5	0♌31'16	9♒48	2°42	9°36	11° 5	19° 2	29°21	4°39	20° 0	29°35	16°59	17°45	14° 6	14°15	S 23
S 24	20 8 1	1°28'31	23°58	2° 1	10°45	11°31	19°15	29°26	4°37	19°58	29°36	16°D59	17°42	14°13	14°11	S 24
M25	20 11 58	2°25'48	8♓17	1°19	11°55	11°57	19°27	29°31	4°35	19°57	29°37	16°59	17°39	14°20	14° 8	M25
T 26	20 15 55	3°23'05	22°41	0°39	13° 4	12°23	19°40	29°36	4°33	19°55	29°39	17° 0	17°35	14°27	14° 5	T 26
W27	20 19 51	4°20'23	7♈ 5	0° 1	14°13	12°50	19°53	29°42	4°31	19°54	29°40	17° 1	17°32	14°33	14° 2	W27
T 28	20 23 48	5°17'41	21°25	29♋25	15°22	13°17	20° 6	29°47	4°29	19°52	29°41	17° 2	17°29	14°40	13°58	T 28
F 29	20 27 44	6°15'01	5♉39	28°52	16°31	13°45	20°19	29°52	4°27	19°51	29°42	17°R 2	17°26	14°47	13°55	F 29
S 30	20 31 41	7°12'22	19°45	28°24	17°40	14°12	20°32	29°58	4°25	19°49	29°43	17° 2	17°23	14°53	13°52	S 30
S 31	20 35 37	8♌ 9'44	3♊39	27♋59	18♍48	14♏40	20♌45	0♎ 3	4♑23	19♑47	29♊45	17♒ 2	17♒20	15♎ 0	13♒49	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n 5	13n58	4n46	18n48	0s23	18n25	1n49	13s55	1s18	17n 9	0n42	2n57	2n17	23s36	0s18	21s 8	0n43	16n32	6s53	15s32	15s 9	8s23	9s19	7n13
S 2	23 0	19 17	5 7	18 25	0 37	18 3	1 49	14 1	1 19	17 5	0 42	2 55	2 16	23 36	0 18	21 8	0 43	16 32	6 53	15 33	15 10	8 26	9 20	7 14
S 3	22 56	23 30	5 9	18 3	0 51	17 42	1 48	14 7	1 20	17 2	0 42	2 54	2 16	23 36	0 18	21 9	0 43	16 32	6 53	15 34	15 11	8 29	9 20	7 14
M 4	22 51	26 17	4 53	17 41	1 5	17 19	1 47	14 14	1 21	16 58	0 42	2 52	2 16	23 36	0 18	21 9	0 43	16 32	6 53	15 36	15 11	8 32	9 21	7 14
T 5	22 45	27 26	4 19	17 20	1 19	16 57	1 47	14 21	1 22	16 55	0 42	2 51	2 16	23 36	0 18	21 9	0 43	16 32	6 53	15 37	15 12	8 35	9 21	7 14
W 6	22 39	26 51	3 31	17 0	1 34	16 34	1 46	14 28	1 23	16 51	0 42	2 49	2 16	23 36	0 18	21 9	0 43	16 32	6 53	15 39	15 13	8 38	9 22	7 15
T 7	22 33	24 42	2 32	16 41	1 49	16 10	1 45	14 35	1 25	16 48	0 42	2 47	2 16	23 37	0 18	21 9	0 43	16 32	6 53	15 40	15 14	8 41	9 22	7 15
F 8	22 26	21 15	1 26	16 22	2 4	15 47	1 44	14 42	1 26	16 44	0 42	2 46	2 15	23 37	0 18	21 10	0 43	16 32	6 53	15 41	15 15	8 44	9 23	7 15
S 9	22 19	16 51	0 17	16 5	2 19	15 22	1 43	14 49	1 27	16 40	0 42	2 44	2 15	23 37	0 18	21 10	0 43	16 32	6 53	15 41	15 16	8 47	9 23	7 15
S 10	22 12	11 49	0s52	15 49	2 35	14 58	1 41	14 57	1 28	16 37	0 42	2 42	2 15	23 37	0 18	21 10	0 43	16 32	6 53	15 41	15 17	8 51	9 24	7 16
M11	22 4	6 25	1 57	15 34	2 50	14 33	1 40	15 4	1 29	16 33	0 42	2 41	2 15	23 37	0 18	21 10	0 43	16 32	6 53	15 41	15 18	8 54	9 25	7 16
T 12	21 56	0 54	2 55	15 20	3 4	14 7	1 39	15 12	1 30	16 29	0 42	2 39	2 15	23 37	0 18	21 11	0 43	16 32	6 53	15 40	15 19	8 57	9 25	7 16
W13	21 47	4s36	3 45	15 8	3 19	13 42	1 37	15 20	1 31	16 26	0 42	2 37	2 14	23 37	0 18	21 11	0 43	16 32	6 53	15 40	15 20	9 0	9 26	7 16
T 14	21 38	9 54	4 25	14 58	3 33	13 16	1 36	15 28	1 32	16 22	0 42	2 35	2 14	23 37	0 18	21 11	0 43	16 32	6 53	15 39	15 21	9 3	9 27	7 16
F 15	21 29	14 50	4 54	14 49	3 47	12 50	1 34	15 36	1 32	16 18	0 42	2 33	2 14	23 37	0 18	21 11	0 43	16 32	6 53	15 39	15 22	9 6	9 27	7 17
S 16	21 19	19 16	5 11	14 42	3 59	12 23	1 32	15 44	1 33	16 14	0 43	2 31	2 14	23 37	0 18	21 12	0 43	16 32	6 53	15 39	15 23	9 9	9 28	7 17
S 17	21 9	22 58	5 14	14 37	4 11	11 56	1 30	15 52	1 34	16 10	0 43	2 29	2 14	23 37	0 18	21 12	0 43	16 32	6 53	15 40	15 24	9 12	9 29	7 17
M18	20 59	25 43	5 2	14 34	4 22	11 29	1 28	16 0	1 35	16 7	0 43	2 27	2 14	23 38	0 18	21 12	0 43	16 32	6 53	15 41	15 25	9 15	9 29	7 17
T 19	20 48	27 15	4 36	14 32	4 32	11 2	1 26	16 9	1 36	16 3	0 43	2 25	2 13	23 38	0 18	21 12	0 43	16 32	6 53	15 42	15 26	9 18	9 30	7 17
W20	20 37	27 20	3 55	14 32	4 40	10 34	1 24	16 17	1 37	15 59	0 43	2 23	2 13	23 38	0 18	21 13	0 43	16 32	6 53	15 43	15 27	9 21	9 31	7 17
T 21	20 25	25 51	3 0	14 34	4 47	10 6	1 22	16 26	1 37	15 55	0 43	2 21	2 13	23 38	0 18	21 13	0 43	16 32	6 53	15 43	15 28	9 24	9 32	7 17
F 22	20 14	22 49	1 54	14 38	4 53	9 38	1 20	16 34	1 38	15 51	0 43	2 19	2 13	23 38	0 18	21 13	0 43	16 32	6 53	15 44	15 29	9 27	9 32	7 17
S 23	20 1	18 25	0 40	14 43	4 57	9 10	1 17	16 43	1 39	15 47	0 43	2 17	2 13	23 38	0 18	21 13	0 43	16 32	6 53	15 44	15 30	9 31	9 33	7 18
S 24	19 49	12 55	0n39	14 50	4 59	8 41	1 15	16 51	1 40	15 43	0 43	2 15	2 13	23 38	0 18	21 14	0 43	16 32	6 53	15 44	15 31	9 34	9 34	7 18
M25	19 36	6 41	1 55	14 59	4 59	8 12	1 12	17 0	1 40	15 39	0 43	2 13	2 12	23 38	0 18	21 14	0 43	16 32	6 53	15 44	15 32	9 37	9 35	7 18
T 26	19 23	0 4	3 5	15 9	4 58	7 43	1 10	17 9	1 41	15 35	0 43	2 11	2 12	23 38	0 18	21 14	0 43	16 32	6 53	15 44	15 33	9 40	9 36	7 18
W27	19 10	6n31	4 3	15 20	4 55	7 14	1 7	17 18	1 42	15 31	0 43	2 9	2 12	23 38	0 18	21 14	0 43	16 32	6 53	15 43	15 34	9 43	9 36	7 18
T 28	18 56	12 45	4 45	15 32	4 50	6 45	1 4	17 27	1 42	15 27	0 43	2 6	2 12	23 38	0 18	21 15	0 43	16 32	6 53	15 43	15 35	9 46	9 37	7 18
F 29	18 42	18 16	5 10	15 44	4 44	6 15	1 1	17 35	1 43	15 23	0 43	2 4	2 12	23 38	0 18	21 15	0 43	16 32	6 53	15 43	15 36	9 49	9 38	7 18
S 30	18 27	22 44	5 16	15 58	4 36	5 46	0 58	17 44	1 44	15 19	0 43	2 2	2 12	23 38	0 18	21 15	0 43	16 32	6 53	15 43	15 37	9 52	9 39	7 18
S 31	18n13	25n50	5n 3	16n12	4s26	5n16	0n55	17s53	1s44	15n15	0n43	2n 0	2n12	23s39	0s18	21s15	0n43	16n32	6s53	15s43	15s38	9s55	9s40	7n18

Julian Day Number = 2509069.5, Delta T = 126.95 sec
Ecliptic obliquity = 23°25'14, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°56'28, Lahiri = 26°03'28

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2157
geocentric

AUGUST 2157 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 39 34	9♌ 7'07	17♊22	27°R39	19♍57	15♏ 9	20♌58	0♎ 9	4°R21	19°R46	29♊46	17°R 1	17♒16	15♎ 7	13°R45	M 1
T 2	20 43 30	10° 4'31	0♋52	27♋25	21° 6	15°38	21°11	0°14	4♉20	19♉44	29°47	17♒ 0	17°13	15°13	13♒42	T 2
W 3	20 47 27	11° 1'56	14° 8	27°17	22°14	16° 7	21°24	0°20	4°18	19°43	29°48	16°59	17°10	15°20	13°39	W 3
T 4	20 51 24	11°59'22	27°10	27°D14	23°22	16°36	21°37	0°26	4°16	19°41	29°49	16°59	17° 7	15°27	13°35	T 4
F 5	20 55 20	12°56'49	9♌58	27°17	24°31	17° 6	21°50	0°31	4°14	19°40	29°50	16°58	17° 4	15°34	13°32	F 5
S 6	20 59 17	13°54'16	22°31	27°27	25°39	17°36	22° 3	0°37	4°13	19°39	29°51	16°D58	17° 0	15°40	13°29	S 6
S 7	21 3 13	14°51'45	4♍52	27°44	26°47	18° 6	22°16	0°43	4°11	19°37	29°52	16°58	16°57	15°47	13°25	S 7
M 8	21 7 10	15°49'14	17° 2	28° 7	27°55	18°37	22°29	0°49	4° 9	19°36	29°53	16°59	16°54	15°54	13°22	M 8
T 9	21 11 6	16°46'44	29° 2	28°37	29° 2	19° 8	22°42	0°55	4° 8	19°34	29°54	16°R59	16°51	16° 0	13°19	T 9
W10	21 15 3	17°44'15	10♎56	29°13	0♎10	19°39	22°56	1° 1	4° 6	19°33	29°55	16°59	16°48	16° 7	13°15	W10
T 11	21 18 59	18°41'47	22°48	29°55	1°17	20°10	23° 9	1° 7	4° 5	19°32	29°56	16°59	16°45	16°14	13°12	T 11
F 12	21 22 56	19°39'20	4♏40	0♌45	2°25	20°42	23°22	1°13	4° 3	19°30	29°57	16°58	16°41	16°20	13° 9	F 12
S 13	21 26 53	20°36'53	16°38	1°40	3°32	21°14	23°35	1°19	4° 2	19°29	29°58	16°D58	16°38	16°27	13° 5	S 13
S 14	21 30 49	21°34'28	28°46	2°42	4°39	21°46	23°48	1°26	4° 0	19°28	29°59	16°58	16°35	16°34	13° 2	S 14
M15	21 34 46	22°32'03	11♐ 8	3°50	5°46	22°19	24° 1	1°32	3°59	19°26	0♋ 0	16°59	16°32	16°41	12°59	M15
T 16	21 38 42	23°29'39	23°49	5° 3	6°53	22°52	24°14	1°38	3°58	19°25	0° 1	16°59	16°29	16°47	12°56	T 16
W17	21 42 39	24°27'16	6♑51	6°22	7°59	23°25	24°28	1°45	3°56	19°24	0° 2	17° 0	16°26	16°54	12°52	W17
T 18	21 46 35	25°24'55	20°18	7°47	9° 6	23°58	24°41	1°51	3°55	19°22	0° 3	17° 0	16°22	17° 1	12°49	T 18
F 19	21 50 32	26°22'34	4♒ 9	9°16	10°12	24°32	24°54	1°58	3°54	19°21	0° 4	17° 1	16°19	17° 7	12°46	F 19
S 20	21 54 28	27°20'14	18°22	10°50	11°18	25° 5	25° 7	2° 4	3°53	19°20	0° 5	17°R 1	16°16	17°14	12°43	S 20
S 21	21 58 25	28°17'56	2♓54	12°28	12°24	25°39	25°20	2°11	3°52	19°19	0° 6	17° 1	16°13	17°21	12°40	S 21
M22	22 2 22	29°15'39	17°39	14°11	13°30	26°14	25°33	2°17	3°51	19°18	0° 6	17° 0	16°10	17°28	12°36	M22
T 23	22 6 18	0♍13'23	2♈29	15°56	14°36	26°48	25°46	2°24	3°50	19°17	0° 7	16°59	16° 6	17°34	12°33	T 23
W24	22 10 15	1°11'09	17°18	17°45	15°41	27°23	25°59	2°31	3°49	19°15	0° 8	16°57	16° 3	17°41	12°30	W24
T 25	22 14 11	2° 8'57	1♉57	19°36	16°47	27°58	26°13	2°37	3°48	19°14	0° 9	16°55	16° 0	17°48	12°27	T 25
F 26	22 18 8	3° 6'46	16°22	21°30	17°52	28°33	26°26	2°44	3°47	19°13	0°10	16°54	15°57	17°54	12°24	F 26
S 27	22 22 4	4° 4'37	0♊30	23°25	18°57	29° 8	26°39	2°51	3°46	19°12	0°10	16°D53	15°54	18° 1	12°21	S 27
S 28	22 26 1	5° 2'30	14°18	25°22	20° 1	29°44	26°52	2°58	3°45	19°11	0°11	16°54	15°51	18° 8	12°18	S 28
M29	22 29 57	6° 0'25	27°47	27°20	21° 6	0♐19	27° 5	3° 5	3°45	19°10	0°12	16°54	15°47	18°14	12°15	M29
T 30	22 33 54	6°58'21	10♋59	29°18	22°10	0°55	27°18	3°11	3°44	19° 9	0°12	16°56	15°44	18°21	12°12	T 30
W31	22 37 51	7♍56'20	23♋54	1♍16	23♎14	1♐31	27♌31	3♎18	3♑43	19♑ 8	0♋13	16♒57	15♒41	18♎28	12♒10	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	17n58	27n21	4n33	16n26	4s16	4n46	0n52	18s 2	1s45	15n11	0n43	1n57	2n11	23s39	0s18	21s16	0n43	16n32	6s53	15s43	15s39	9s58	9s41	7n18
T 2	17 42	27 14	3 49	16 40	4 4	4 16	0 48	18 11	1 45	15 7	0 43	1 55	2 11	23 39	0 18	21 16	0 43	16 32	6 53	15 44	15 40	10 1	9 42	7 18
W 3	17 27	25 31	2 52	16 55	3 51	3 46	0 45	18 20	1 46	15 2	0 43	1 52	2 11	23 39	0 18	21 16	0 43	16 32	6 53	15 44	15 41	10 4	9 43	7 18
T 4	17 11	22 28	1 48	17 9	3 37	3 16	0 42	18 29	1 47	14 58	0 43	1 50	2 11	23 39	0 18	21 16	0 43	16 32	6 53	15 44	15 42	10 7	9 44	7 18
F 5	16 55	18 22	0 39	17 22	3 23	2 46	0 38	18 38	1 47	14 54	0 43	1 48	2 11	23 39	0 18	21 17	0 43	16 32	6 54	15 44	15 43	10 10	9 45	7 18
S 6	16 38	13 31	0s31	17 35	3 7	2 15	0 34	18 47	1 48	14 50	0 43	1 45	2 11	23 39	0 18	21 17	0 43	16 32	6 54	15 44	15 44	10 13	9 46	7 18
S 7	16 22	8 12	1 38	17 48	2 52	1 45	0 31	18 56	1 48	14 46	0 43	1 43	2 11	23 39	0 18	21 17	0 43	16 32	6 54	15 44	15 45	10 16	9 46	7 18
M 8	16 5	2 40	2 39	17 59	2 36	1 15	0 27	19 5	1 48	14 41	0 43	1 40	2 11	23 39	0 18	21 17	0 43	16 32	6 54	15 44	15 45	10 19	9 47	7 18
T 9	15 48	2s52	3 33	18 9	2 19	0 44	0 23	19 14	1 49	14 37	0 44	1 38	2 10	23 39	0 18	21 18	0 43	16 31	6 54	15 44	15 46	10 22	9 48	7 18
W10	15 30	8 16	4 17	18 18	2 3	0 14	0 19	19 23	1 49	14 33	0 44	1 35	2 10	23 39	0 18	21 18	0 43	16 31	6 54	15 44	15 47	10 25	9 49	7 18
T 11	15 13	13 20	4 49	18 25	1 47	0s17	0 15	19 32	1 50	14 29	0 44	1 33	2 10	23 39	0 18	21 18	0 43	16 31	6 54	15 44	15 48	10 28	9 50	7 18
F 12	14 55	17 55	5 10	18 30	1 30	0 47	0 11	19 41	1 50	14 25	0 44	1 30	2 10	23 39	0 18	21 18	0 43	16 31	6 54	15 44	15 49	10 31	9 51	7 18
S 13	14 37	21 51	5 17	18 34	1 14	1 18	0 7	19 50	1 51	14 20	0 44	1 28	2 10	23 39	0 18	21 18	0 43	16 31	6 54	15 44	15 50	10 34	9 52	7 17
S 14	14 18	24 55	5 10	18 36	0 58	1 48	0 3	19 59	1 51	14 16	0 44	1 25	2 10	23 39	0 18	21 19	0 42	16 31	6 54	15 44	15 51	10 37	9 53	7 17
M15	13 59	26 52	4 49	18 35	0 43	2 19	0s 2	20 8	1 51	14 12	0 44	1 23	2 10	23 39	0 18	21 19	0 42	16 31	6 54	15 44	15 52	10 40	9 54	7 17
T 16	13 41	27 30	4 14	18 32	0 28	2 49	0 6	20 16	1 52	14 7	0 44	1 20	2 10	23 39	0 18	21 19	0 42	16 31	6 54	15 44	15 53	10 43	9 55	7 17
W17	13 22	26 39	3 25	18 27	0 13	3 20	0 10	20 25	1 52	14 3	0 44	1 17	2 10	23 39	0 18	21 19	0 42	16 31	6 54	15 44	15 54	10 46	9 56	7 17
T 18	13 2	24 14	2 23	18 19	0n 1	3 50	0 15	20 34	1 52	13 59	0 44	1 15	2 9	23 39	0 18	21 19	0 42	16 31	6 54	15 44	15 55	10 49	9 57	7 17
F 19	12 43	20 21	1 11	18 8	0 14	4 20	0 19	20 42	1 53	13 54	0 44	1 12	2 9	23 39	0 18	21 20	0 42	16 31	6 55	15 43	15 56	10 52	9 58	7 17
S 20	12 23	15 12	0n 7	17 55	0 26	4 50	0 24	20 51	1 53	13 50	0 44	1 9	2 9	23 39	0 18	21 20	0 42	16 31	6 55	15 43	15 57	10 55	9 59	7 16
S 21	12 3	9 5	1 27	17 39	0 38	5 20	0 29	21 0	1 53	13 46	0 44	1 7	2 9	23 39	0 18	21 20	0 42	16 31	6 55	15 43	15 58	10 58	10 1	7 16
M22	11 43	2 24	2 41	17 20	0 48	5 50	0 33	21 8	1 54	13 41	0 44	1 4	2 9	23 39	0 18	21 20	0 42	16 30	6 55	15 44	15 59	11 1	10 2	7 16
T 23	11 23	4n26	3 46	16 58	0 58	6 20	0 38	21 16	1 54	13 37	0 44	1 1	2 9	23 40	0 18	21 20	0 42	16 30	6 55	15 44	16 0	11 4	10 3	7 16
W24	11 3	11 1	4 35	16 34	1 7	6 50	0 43	21 25	1 54	13 33	0 45	0 59	2 9	23 40	0 18	21 21	0 42	16 30	6 55	15 45	16 1	11 7	10 4	7 16
T 25	10 42	16 54	5 5	16 7	1 15	7 20	0 48	21 33	1 54	13 28	0 45	0 56	2 9	23 40	0 18	21 21	0 42	16 30	6 55	15 45	16 2	11 10	10 5	7 16
F 26	10 21	21 45	5 16	15 37	1 22	7 49	0 53	21 41	1 54	13 24	0 45	0 53	2 9	23 40	0 18	21 21	0 42	16 30	6 55	15 46	16 3	11 13	10 6	7 15
S 27	10 0	25 14	5 7	15 5	1 28	8 18	0 58	21 49	1 55	13 20	0 45	0 50	2 9	23 40	0 18	21 21	0 42	16 30	6 55	15 46	16 4	11 16	10 7	7 15
S 28	9 39	27 8	4 40	14 31	1 33	8 48	1 3	21 57	1 55	13 15	0 45	0 48	2 9	23 40	0 18	21 21	0 42	16 30	6 55	15 46	16 4	11 19	10 8	7 15
M29	9 18	27 23	3 59	13 55	1 38	9 17	1 8	22 5	1 55	13 11	0 45	0 45	2 9	23 40	0 18	21 21	0 42	16 30	6 55	15 45	16 5	11 22	10 9	7 15
T 30	8 57	26 3	3 6	13 17	1 41	9 45	1 13	22 12	1 55	13 6	0 45	0 42	2 9	23 40	0 18	21 22	0 42	16 30	6 55	15 45	16 6	11 25	10 10	7 14
W31	8n35	23n20	2n 4	12n38	1n44	10s14	1s18	22s20	1s55	13n 2	0n45	0n39	2n 9	23s40	0s18	21s22	0n42	16n30	6s56	15s45	16s 7	11s28	10s11	7n14

Julian Day Number = 2509100.5, Delta T = 127.01 sec
Ecliptic obliquity = 23°25'14, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°56'32, Lahiri = 26°03'33

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

SEPTEMBER 2157 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 41 47	8♍54'20	6♌35	3♍15	24♎18	2♐ 8	27♌44	3♎25	3°R43	19°R 7	0♋14	16♒58	15♒38	18♎35	12°R 7	T 1
F 2	22 45 44	9°52'21	19° 3	5°14	25°22	2°44	27°57	3°32	3♉42	19♉ 7	0°14	16°R59	15°35	18°41	12♒ 4	F 2
S 3	22 49 40	10°50'25	1♍21	7°12	26°25	3°21	28°10	3°39	3°42	19° 6	0°15	16°58	15°32	18°48	12° 1	S 3
S 4	22 53 37	11°48'30	13°30	9°10	27°29	3°58	28°23	3°46	3°41	19° 5	0°16	16°56	15°28	18°55	11°58	S 4
M 5	22 57 33	12°46'36	25°32	11° 7	28°32	4°35	28°36	3°54	3°41	19° 4	0°16	16°53	15°25	19° 1	11°56	M 5
T 6	23 1 30	13°44'44	7♎27	13° 3	29°34	5°12	28°49	4° 1	3°41	19° 3	0°17	16°48	15°22	19° 8	11°53	T 6
W 7	23 5 26	14°42'54	19°19	14°58	0♏37	5°50	29° 2	4° 8	3°40	19° 3	0°17	16°44	15°19	19°15	11°50	W 7
T 8	23 9 23	15°41'05	1♏10	16°52	1°39	6°27	29°15	4°15	3°40	19° 2	0°18	16°39	15°16	19°22	11°48	T 8
F 9	23 13 20	16°39'18	13° 2	18°46	2°41	7° 5	29°27	4°22	3°40	19° 1	0°18	16°34	15°12	19°28	11°45	F 9
S 10	23 17 16	17°37'33	24°59	20°38	3°43	7°43	29°40	4°29	3°40	19° 0	0°19	16°31	15° 9	19°35	11°43	S 10
S 11	23 21 13	18°35'49	7♐ 4	22°29	4°44	8°21	29°53	4°37	3°40	19° 0	0°19	16°29	15° 6	19°42	11°41	S 11
M12	23 25 9	19°34'06	19°23	24°19	5°45	9° 0	0♍ 6	4°44	3°D40	18°59	0°19	16°D28	15° 3	19°48	11°38	M12
T 13	23 29 6	20°32'25	1♑59	26° 8	6°46	9°38	0°18	4°51	3°40	18°59	0°20	16°29	15° 0	19°55	11°36	T 13
W14	23 33 2	21°30'46	14°57	27°56	7°46	10°17	0°31	4°58	3°40	18°58	0°20	16°30	14°57	20° 2	11°34	W14
T 15	23 36 59	22°29'08	28°20	29°42	8°46	10°56	0°44	5° 6	3°40	18°58	0°20	16°31	14°53	20° 9	11°31	T 15
F 16	23 40 55	23°27'32	12♒10	1♎28	9°46	11°35	0°56	5°13	3°40	18°57	0°21	16°R32	14°50	20°15	11°29	F 16
S 17	23 44 52	24°25'57	26°28	3°12	10°45	12°14	1° 9	5°20	3°40	18°57	0°21	16°32	14°47	20°22	11°27	S 17
S 18	23 48 49	25°24'24	11♓11	4°56	11°44	12°53	1°21	5°28	3°41	18°56	0°21	16°30	14°44	20°29	11°25	S 18
M19	23 52 45	26°22'52	26°12	6°38	12°43	13°33	1°34	5°35	3°41	18°56	0°22	16°26	14°41	20°35	11°23	M19
T 20	23 56 42	27°21'23	11♈23	8°19	13°41	14°12	1°46	5°42	3°41	18°56	0°22	16°21	14°37	20°42	11°21	T 20
W21	0 0 38	28°19'55	26°34	9°59	14°39	14°52	1°59	5°50	3°42	18°55	0°22	16°15	14°34	20°49	11°19	W21
T 22	0 4 35	29°18'30	11♉35	11°38	15°36	15°32	2°11	5°57	3°42	18°55	0°22	16° 9	14°31	20°55	11°17	T 22
F 23	0 8 31	0♎17'07	26°17	13°17	16°33	16°12	2°24	6° 4	3°43	18°55	0°22	16° 3	14°28	21° 2	11°16	F 23
S 24	0 12 28	1°15'46	10♊35	14°54	17°30	16°52	2°36	6°12	3°43	18°54	0°23	16° 0	14°25	21° 9	11°14	S 24
S 25	0 16 24	2°14'27	24°27	16°30	18°26	17°33	2°48	6°19	3°44	18°54	0°23	15°58	14°22	21°16	11°12	S 25
M26	0 20 21	3°13'11	7♋54	18° 5	19°21	18°13	3° 0	6°27	3°45	18°54	0°23	15°D58	14°18	21°22	11°11	M26
T 27	0 24 18	4°11'56	20°57	19°39	20°16	18°54	3°12	6°34	3°45	18°54	0°23	15°58	14°15	21°29	11° 9	T 27
W28	0 28 14	5°10'44	3♌40	21°13	21°11	19°34	3°24	6°42	3°46	18°54	0°23	16° 0	14°12	21°36	11° 8	W28
T 29	0 32 11	6° 9'35	16° 7	22°45	22° 5	20°15	3°36	6°49	3°47	18°54	0°23	16°R 0	14° 9	21°42	11° 6	T 29
F 30	0 36 7	7♎ 8'27	28♌22	24♎16	22♏58	20♐56	3♍48	6♎56	3♉48	18♉54	0°R23	15♒59	14♒ 6	21♎49	11♒ 5	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n13	19n32	0n57	11n56	1n45	10s43	1s24	22s27	1s56	12n58	0n45	0n36	2n 8	23s40	0s18	21s22	0n42	16n30	6s56	15s44	16s 8	11s31	10s12	7n14
F 2	7 52	14 55	0s11	11 14	1 46	11 11	1 29	22 35	1 56	12 53	0 45	0 33	2 8	23 40	0 18	21 22	0 42	16 29	6 56	15 44	16 9	11 34	10 13	7 13
S 3	7 30	9 46	1 18	10 30	1 46	11 39	1 34	22 42	1 56	12 49	0 45	0 31	2 8	23 40	0 18	21 22	0 42	16 29	6 56	15 44	16 10	11 37	10 14	7 13
S 4	7 8	4 19	2 21	9 46	1 46	12 7	1 39	22 49	1 56	12 44	0 45	0 28	2 8	23 40	0 18	21 22	0 42	16 29	6 56	15 45	16 11	11 40	10 15	7 13
M 5	6 46	1s13	3 16	9 1	1 45	12 34	1 45	22 56	1 56	12 40	0 46	0 25	2 8	23 40	0 18	21 22	0 42	16 29	6 56	15 46	16 12	11 42	10 16	7 13
T 6	6 23	6 40	4 2	8 15	1 43	13 2	1 50	23 3	1 56	12 36	0 46	0 22	2 8	23 40	0 18	21 23	0 42	16 29	6 56	15 47	16 13	11 45	10 17	7 12
W 7	6 1	11 50	4 38	7 28	1 41	13 29	1 56	23 10	1 56	12 31	0 46	0 19	2 8	23 40	0 18	21 23	0 42	16 29	6 56	15 49	16 14	11 48	10 18	7 12
T 8	5 38	16 34	5 1	6 41	1 38	13 56	2 1	23 17	1 56	12 27	0 46	0 16	2 8	23 40	0 18	21 23	0 42	16 29	6 56	15 50	16 15	11 51	10 19	7 12
F 9	5 16	20 41	5 12	5 54	1 35	14 22	2 6	23 23	1 56	12 22	0 46	0 14	2 8	23 40	0 18	21 23	0 42	16 29	6 56	15 51	16 16	11 54	10 20	7 11
S 10	4 53	23 59	5 9	5 6	1 31	14 49	2 12	23 30	1 56	12 18	0 46	0 11	2 8	23 40	0 18	21 23	0 42	16 29	6 57	15 52	16 17	11 57	10 21	7 11
S 11	4 30	26 17	4 52	4 19	1 27	15 15	2 17	23 36	1 56	12 14	0 46	0 8	2 8	23 40	0 17	21 23	0 42	16 29	6 57	15 53	16 18	12 0	10 22	7 11
M12	4 8	27 21	4 22	3 31	1 22	15 40	2 23	23 42	1 56	12 9	0 46	0 5	2 8	23 40	0 17	21 23	0 42	16 28	6 57	15 53	16 19	12 3	10 23	7 10
T 13	3 45	27 3	3 39	2 43	1 18	16 6	2 28	23 48	1 56	12 5	0 46	0 2	2 8	23 40	0 17	21 23	0 42	16 28	6 57	15 53	16 19	12 6	10 24	7 10
W14	3 22	25 18	2 44	1 56	1 12	16 31	2 34	23 54	1 56	12 0	0 46	0s 1	2 8	23 40	0 17	21 24	0 42	16 28	6 57	15 53	16 20	12 9	10 25	7 10
T 15	2 59	22 4	1 38	1 8	1 7	16 56	2 39	23 59	1 56	11 56	0 47	0 4	2 8	23 40	0 17	21 24	0 42	16 28	6 57	15 52	16 21	12 12	10 26	7 9
F 16	2 36	17 31	0 24	0 21	1 1	17 20	2 45	24 5	1 56	11 52	0 47	0 7	2 8	23 40	0 17	21 24	0 42	16 28	6 57	15 52	16 22	12 14	10 27	7 9
S 17	2 13	11 50	0n54	0s26	0 55	17 44	2 50	24 10	1 56	11 47	0 47	0 10	2 8	23 40	0 17	21 24	0 42	16 28	6 57	15 52	16 23	12 17	10 28	7 8
S 18	1 49	5 22	2 10	1 13	0 49	18 8	2 56	24 15	1 56	11 43	0 47	0 13	2 8	23 40	0 17	21 24	0 41	16 28	6 57	15 53	16 24	12 20	10 29	7 8
M19	1 26	1n31	3 18	1 59	0 43	18 31	3 1	24 20	1 56	11 39	0 47	0 15	2 8	23 40	0 17	21 24	0 41	16 28	6 58	15 54	16 25	12 23	10 29	7 8
T 20	1 3	8 23	4 14	2 45	0 36	18 54	3 7	24 25	1 56	11 34	0 47	0 18	2 8	23 40	0 17	21 24	0 41	16 28	6 58	15 55	16 26	12 26	10 30	7 7
W21	0 40	14 45	4 51	3 30	0 29	19 17	3 12	24 29	1 56	11 30	0 47	0 21	2 8	23 40	0 17	21 24	0 41	16 27	6 58	15 57	16 27	12 29	10 31	7 7
T 22	0 17	20 10	5 8	4 15	0 22	19 39	3 18	24 33	1 56	11 26	0 47	0 24	2 8	23 40	0 17	21 24	0 41	16 27	6 58	15 59	16 28	12 32	10 32	7 6
F 23	0s 7	24 14	5 4	5 0	0 15	20 1	3 23	24 38	1 56	11 21	0 48	0 27	2 8	23 40	0 17	21 24	0 41	16 27	6 58	16 1	16 29	12 35	10 33	7 6
S 24	0 30	26 39	4 41	5 44	0 8	20 22	3 29	24 42	1 56	11 17	0 48	0 30	2 8	23 40	0 17	21 24	0 41	16 27	6 58	16 2	16 30	12 37	10 34	7 5
S 25	0 53	27 20	4 2	6 28	0 1	20 43	3 34	24 45	1 56	11 13	0 48	0 33	2 8	23 39	0 17	21 24	0 41	16 27	6 58	16 2	16 31	12 40	10 35	7 5
M26	1 17	26 22	3 11	7 11	0s 6	21 4	3 39	24 49	1 55	11 8	0 48	0 36	2 8	23 39	0 17	21 25	0 41	16 27	6 58	16 2	16 32	12 43	10 36	7 5
T 27	1 40	23 57	2 11	7 53	0 13	21 24	3 45	24 52	1 55	11 4	0 48	0 39	2 8	23 39	0 17	21 25	0 41	16 27	6 58	16 2	16 32	12 46	10 36	7 4
W28	2 3	20 23	1 6	8 35	0 21	21 44	3 50	24 55	1 55	11 0	0 48	0 42	2 8	23 39	0 17	21 25	0 41	16 27	6 59	16 2	16 33	12 49	10 37	7 4
T 29	2 27	15 59	0s 1	9 17	0 28	22 3	3 55	24 58	1 55	10 56	0 48	0 45	2 8	23 39	0 17	21 25	0 41	16 27	6 59	16 2	16 34	12 52	10 38	7 3
F 30	2s50	11n 0	1s 6	9s57	0s35	22s22	4s 0	25s 1	1s55	10n51	0n48	0s48	2n 8	23s39	0s17	21s25	0n41	16n26	6s59	16s 2	16s35	12s55	10s39	7n 3

Julian Day Number = 2509131.5, Delta T = 127.08 sec
Ecliptic obliquity = 23°25'15, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°56'36, Lahiri = 26°03'37

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2157
geocentric

OCTOBER 2157 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 40 4	8♎ 7'21	10♍27	25♎47	23♏51	21♐37	4♍ 0	7♎ 4	3♑49	18°D54	0°R23	15°R56	14♒ 3	21♎56	11°R 4	S 1
S 2	0 44 0	9° 6'18	22°26	27°17	24°43	22°18	4°12	7°11	3°50	18♑54	0♋23	15♒51	13°59	22° 3	11♒ 3	S 2
M 3	0 47 57	10° 5'17	4♎21	28°45	25°35	23° 0	4°24	7°19	3°51	18°54	0°23	15°43	13°56	22° 9	11° 1	M 3
T 4	0 51 53	11° 4'17	16°13	0♏13	26°26	23°41	4°36	7°26	3°52	18°54	0°23	15°33	13°53	22°16	11° 0	T 4
W 5	0 55 50	12° 3'20	28° 4	1°40	27°16	24°23	4°47	7°33	3°53	18°54	0°23	15°22	13°50	22°23	10°59	W 5
T 6	0 59 46	13° 2'25	9♏56	3° 6	28° 6	25° 5	4°59	7°41	3°54	18°54	0°23	15°11	13°47	22°29	10°58	T 6
F 7	1 3 43	14° 1'31	21°50	4°31	28°54	25°46	5°11	7°48	3°55	18°54	0°22	15° 0	13°43	22°36	10°58	F 7
S 8	1 7 40	15° 0'40	3♐48	5°55	29°43	26°28	5°22	7°56	3°57	18°55	0°22	14°51	13°40	22°43	10°57	S 8
S 9	1 11 36	15°59'50	15°55	7°18	0♐30	27°10	5°34	8° 3	3°58	18°55	0°22	14°45	13°37	22°50	10°56	S 9
M10	1 15 33	16°59'02	28°12	8°40	1°16	27°53	5°45	8°10	3°59	18°55	0°22	14°41	13°34	22°56	10°55	M10
T 11	1 19 29	17°58'16	10♑44	10° 0	2° 2	28°35	5°56	8°18	4° 1	18°56	0°22	14°39	13°31	23° 3	10°55	T 11
W12	1 23 26	18°57'32	23°35	11°20	2°47	29°17	6° 7	8°25	4° 2	18°56	0°21	14°D39	13°28	23°10	10°54	W12
T 13	1 27 22	19°56'49	6♒50	12°38	3°30	29°59	6°19	8°32	4° 4	18°56	0°21	14°39	13°24	23°16	10°54	T 13
F 14	1 31 19	20°56'08	20°31	13°56	4°13	0♑43	6°30	8°40	4° 5	18°57	0°21	14°R39	13°21	23°23	10°53	F 14
S 15	1 35 15	21°55'29	4♓41	15°11	4°55	1°25	6°41	8°47	4° 7	18°57	0°21	14°38	13°18	23°30	10°53	S 15
S 16	1 39 12	22°54'52	19°19	16°26	5°36	2° 8	6°51	8°54	4° 9	18°58	0°20	14°34	13°15	23°37	10°53	S 16
M17	1 43 9	23°54'16	4♈20	17°38	6°15	2°51	7° 2	9° 2	4°10	18°58	0°20	14°27	13°12	23°43	10°52	M17
T 18	1 47 5	24°53'42	19°37	18°50	6°54	3°34	7°13	9° 9	4°12	18°59	0°19	14°18	13° 9	23°50	10°52	T 18
W19	1 51 2	25°53'11	4♉58	19°59	7°31	4°17	7°24	9°16	4°14	18°59	0°19	14° 8	13° 5	23°57	10°D52	W19
T 20	1 54 58	26°52'41	20°13	21° 6	8° 7	5° 0	7°34	9°23	4°16	19° 0	0°19	13°58	13° 2	24° 3	10°52	T 20
F 21	1 58 55	27°52'14	5♊10	22°11	8°41	5°44	7°45	9°31	4°18	19° 1	0°18	13°48	12°59	24°10	10°52	F 21
S 22	2 2 51	28°51'49	19°41	23°14	9°15	6°27	7°55	9°38	4°20	19° 1	0°18	13°41	12°56	24°17	10°53	S 22
S 23	2 6 48	29°51'26	3♋44	24°15	9°47	7°10	8° 5	9°45	4°22	19° 2	0°17	13°36	12°53	24°24	10°53	S 23
M24	2 10 44	0♏51'05	17°16	25°12	10°17	7°54	8°16	9°52	4°24	19° 3	0°17	13°34	12°49	24°30	10°53	M24
T 25	2 14 41	1°50'47	0♌21	26° 7	10°46	8°38	8°26	9°59	4°26	19° 4	0°16	13°D33	12°46	24°37	10°53	T 25
W26	2 18 38	2°50'31	13° 2	26°57	11°14	9°21	8°36	10° 6	4°28	19° 5	0°16	13°R33	12°43	24°44	10°54	W26
T 27	2 22 34	3°50'17	25°24	27°45	11°39	10° 5	8°46	10°13	4°30	19° 5	0°15	13°33	12°40	24°50	10°54	T 27
F 28	2 26 31	4°50'05	7♍32	28°27	12° 3	10°49	8°55	10°20	4°32	19° 6	0°15	13°31	12°37	24°57	10°55	F 28
S 29	2 30 27	5°49'56	19°30	29° 6	12°26	11°33	9° 5	10°27	4°35	19° 7	0°14	13°26	12°34	25° 4	10°56	S 29
S 30	2 34 24	6°49'48	1♎23	29°39	12°46	12°17	9°15	10°34	4°37	19° 8	0°13	13°18	12°30	25°11	10°56	S 30
M31	2 38 20	7♏49'43	13♎14	0♐ 6	13♐ 5	13♑ 1	9♍24	10♎41	4♑39	19♑ 9	0♋13	13♒ 8	12♒27	25♎17	10♒57	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3s13	5n41	2s 7	10s37	0s43	22s40	4s 5	25s 4	1s55	10n47	0n49	0s50	2n 8	23s39	0s17	21s25	0n41	16n26	6s59	16s 3	16s36	12s57	10s40	7n 2
S 2	3 36	0 12	3 3	11 17	0 50	22 58	4 10	25 6	1 54	10 43	0 49	0 53	2 8	23 39	0 17	21 25	0 41	16 26	6 59	16 4	16 37	13 0	10 40	7 2
M 3	4 0	5s14	3 49	11 55	0 58	23 16	4 15	25 8	1 54	10 39	0 49	0 56	2 8	23 39	0 17	21 25	0 41	16 26	6 59	16 7	16 38	13 3	10 41	7 1
T 4	4 23	10 27	4 26	12 33	1 5	23 33	4 20	25 10	1 54	10 35	0 49	0 59	2 8	23 39	0 17	21 25	0 41	16 26	6 59	16 10	16 39	13 6	10 42	7 1
W 5	4 46	15 17	4 50	13 10	1 12	23 50	4 25	25 12	1 54	10 31	0 49	1 2	2 8	23 39	0 17	21 25	0 41	16 26	6 59	16 13	16 40	13 9	10 43	7 0
T 6	5 9	19 33	5 3	13 47	1 19	24 6	4 29	25 13	1 54	10 26	0 49	1 5	2 8	23 39	0 17	21 25	0 41	16 26	6 59	16 16	16 41	13 12	10 43	7 0
F 7	5 32	23 4	5 2	14 22	1 26	24 21	4 34	25 14	1 53	10 22	0 49	1 8	2 8	23 39	0 17	21 25	0 41	16 26	6 59	16 19	16 42	13 14	10 44	7 0
S 8	5 55	25 36	4 48	14 57	1 33	24 36	4 38	25 15	1 53	10 18	0 50	1 11	2 8	23 39	0 17	21 25	0 41	16 26	7 0	16 22	16 43	13 17	10 45	6 59
S 9	6 17	27 0	4 21	15 31	1 40	24 51	4 43	25 16	1 53	10 14	0 50	1 13	2 8	23 39	0 17	21 25	0 41	16 26	7 0	16 24	16 43	13 20	10 45	6 59
M10	6 40	27 6	3 41	16 4	1 47	25 5	4 47	25 17	1 52	10 10	0 50	1 16	2 8	23 39	0 17	21 25	0 41	16 25	7 0	16 25	16 44	13 23	10 46	6 58
T 11	7 3	25 49	2 50	16 36	1 54	25 18	4 51	25 17	1 52	10 6	0 50	1 19	2 9	23 39	0 17	21 25	0 41	16 25	7 0	16 26	16 45	13 26	10 47	6 58
W12	7 25	23 10	1 50	17 7	2 0	25 32	4 55	25 17	1 52	10 2	0 50	1 22	2 9	23 39	0 17	21 25	0 41	16 25	7 0	16 26	16 46	13 28	10 47	6 57
T 13	7 48	19 13	0 42	17 38	2 6	25 44	4 59	25 17	1 52	9 58	0 50	1 25	2 9	23 39	0 17	21 25	0 41	16 25	7 0	16 26	16 47	13 31	10 48	6 57
F 14	8 10	14 9	0n31	18 7	2 13	25 56	5 3	25 16	1 51	9 54	0 50	1 28	2 9	23 39	0 17	21 25	0 41	16 25	7 0	16 25	16 48	13 34	10 48	6 56
S 15	8 32	8 10	1 44	18 35	2 18	26 8	5 7	25 16	1 51	9 50	0 51	1 30	2 9	23 39	0 17	21 25	0 41	16 25	7 0	16 26	16 49	13 37	10 49	6 56
S 16	8 54	1 34	2 53	19 2	2 24	26 18	5 10	25 15	1 51	9 46	0 51	1 33	2 9	23 39	0 17	21 25	0 41	16 25	7 0	16 27	16 50	13 40	10 50	6 55
M17	9 16	5n16	3 51	19 28	2 29	26 29	5 14	25 14	1 50	9 43	0 51	1 36	2 9	23 39	0 17	21 25	0 41	16 25	7 1	16 29	16 51	13 42	10 50	6 55
T 18	9 38	11 54	4 34	19 53	2 35	26 39	5 17	25 12	1 50	9 39	0 51	1 39	2 9	23 38	0 17	21 25	0 40	16 25	7 1	16 32	16 52	13 45	10 51	6 54
W19	10 0	17 50	4 58	20 17	2 39	26 48	5 20	25 11	1 50	9 35	0 51	1 41	2 9	23 38	0 17	21 25	0 40	16 24	7 1	16 35	16 52	13 48	10 51	6 54
T 20	10 21	22 36	5 0	20 39	2 44	26 57	5 22	25 9	1 49	9 31	0 51	1 44	2 9	23 38	0 17	21 24	0 40	16 24	7 1	16 38	16 53	13 51	10 52	6 53
F 21	10 42	25 45	4 41	21 0	2 48	27 5	5 25	25 7	1 49	9 27	0 52	1 47	2 9	23 38	0 17	21 24	0 40	16 24	7 1	16 40	16 54	13 53	10 52	6 53
S 22	11 4	27 5	4 5	21 20	2 52	27 13	5 27	25 4	1 48	9 24	0 52	1 50	2 9	23 38	0 17	21 24	0 40	16 24	7 1	16 42	16 55	13 56	10 53	6 52
S 23	11 25	26 36	3 14	21 39	2 55	27 20	5 29	25 1	1 48	9 20	0 52	1 52	2 10	23 38	0 17	21 24	0 40	16 24	7 1	16 44	16 56	13 59	10 53	6 52
M24	11 46	24 32	2 14	21 55	2 58	27 26	5 31	24 59	1 48	9 16	0 52	1 55	2 10	23 38	0 17	21 24	0 40	16 24	7 1	16 44	16 57	14 2	10 53	6 51
T 25	12 6	21 11	1 9	22 11	3 0	27 32	5 33	24 55	1 47	9 13	0 52	1 58	2 10	23 38	0 17	21 24	0 40	16 24	7 1	16 45	16 58	14 5	10 54	6 51
W26	12 27	16 56	0 3	22 24	3 1	27 37	5 34	24 52	1 47	9 9	0 53	2 0	2 10	23 38	0 17	21 24	0 40	16 24	7 1	16 45	16 59	14 7	10 54	6 50
T 27	12 47	12 4	1s 2	22 36	3 2	27 42	5 35	24 48	1 46	9 6	0 53	2 3	2 10	23 38	0 17	21 24	0 40	16 24	7 1	16 45	17 0	14 10	10 54	6 49
F 28	13 7	6 50	2 3	22 46	3 2	27 46	5 36	24 44	1 46	9 2	0 53	2 6	2 10	23 38	0 17	21 24	0 40	16 24	7 2	16 45	17 1	14 13	10 55	6 49
S 29	13 27	1 26	2 58	22 54	3 2	27 50	5 37	24 40	1 45	8 59	0 53	2 8	2 10	23 38	0 17	21 24	0 40	16 24	7 2	16 47	17 1	14 15	10 55	6 48
S 30	13 47	3s59	3 44	23 0	3 0	27 52	5 37	24 36	1 45	8 55	0 53	2 11	2 10	23 38	0 17	21 24	0 40	16 24	7 2	16 49	17 2	14 18	10 55	6 48
M31	14s 7	9s13	4s20	23s 3	2s58	27s55	5s36	24s31	1s45	8n52	0n53	2s14	2n10	23s38	0s17	21s24	0n40	16n23	7s 2	16s52	17s 3	14s21	10s56	6n47

Julian Day Number = 2509161.5, Delta T = 127.13 sec
Ecliptic obliquity = 23°25'15, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°56'41, Lahiri = 26°03'41

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2157
geocentric

NOVEMBER 2157 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 42 17	8♏49'39	25♎ 5	0♐27	13♐22	13♑45	9♍34	10♎48	4♑42	19♑10	0°R12	12°R55	12♒24	25♎24	10♒58	T 1
W 2	2 46 13	9°49'38	6♏58	0°41	13°37	14°30	9°43	10°55	4°44	19°11	0♋11	12♒40	12°21	25°31	10°59	W 2
T 3	2 50 10	10°49'38	18°54	0°R47	13°49	15°14	9°52	11° 1	4°46	19°12	0°11	12°25	12°18	25°37	11° 0	T 3
F 4	2 54 7	11°49'41	0♐54	0°46	14° 0	15°59	10° 1	11° 8	4°49	19°13	0°10	12°11	12°14	25°44	11° 1	F 4
S 5	2 58 3	12°49'45	13° 1	0°35	14° 8	16°43	10°10	11°15	4°51	19°15	0° 9	11°59	12°11	25°51	11° 2	S 5
S 6	3 2 0	13°49'51	25°14	0°16	14°14	17°28	10°19	11°22	4°54	19°16	0° 8	11°50	12° 8	25°58	11° 3	S 6
M 7	3 5 56	14°49'59	7♑37	29♏46	14°18	18°12	10°28	11°28	4°57	19°17	0° 8	11°43	12° 5	26° 4	11° 4	M 7
T 8	3 9 53	15°50'08	20°12	29° 7	14°R20	18°57	10°36	11°35	4°59	19°18	0° 7	11°40	12° 2	26°11	11° 6	T 8
W 9	3 13 49	16°50'19	3♒ 2	28°19	14°19	19°42	10°45	11°41	5° 2	19°19	0° 6	11°38	11°59	26°18	11° 7	W 9
T 10	3 17 46	17°50'31	16°11	27°21	14°16	20°27	10°53	11°48	5° 5	19°21	0° 5	11°38	11°55	26°25	11° 9	T 10
F 11	3 21 42	18°50'44	29°43	26°15	14°10	21°12	11° 2	11°54	5° 7	19°22	0° 4	11°38	11°52	26°31	11°10	F 11
S 12	3 25 39	19°50'59	13♓40	25° 3	14° 2	21°57	11°10	12° 1	5°10	19°23	0° 4	11°36	11°49	26°38	11°12	S 12
S 13	3 29 36	20°51'16	28° 3	23°46	13°51	22°42	11°18	12° 7	5°13	19°25	0° 3	11°32	11°46	26°45	11°13	S 13
M14	3 33 32	21°51'34	12♈49	22°26	13°38	23°27	11°26	12°13	5°16	19°26	0° 2	11°26	11°43	26°51	11°15	M14
T 15	3 37 29	22°51'53	27°53	21° 6	13°22	24°12	11°33	12°20	5°19	19°28	0° 1	11°16	11°40	26°58	11°17	T 15
W16	3 41 25	23°52'14	13♉ 5	19°49	13° 4	24°57	11°41	12°26	5°21	19°29	29♊59	11° 6	11°36	27° 5	11°19	W16
T 17	3 45 22	24°52'36	28°17	18°37	12°44	25°43	11°48	12°32	5°24	19°30	29°59	10°54	11°33	27°12	11°21	T 17
F 18	3 49 18	25°53'01	13♊16	17°32	12°22	26°28	11°56	12°38	5°27	19°32	29°58	10°44	11°30	27°18	11°23	F 18
S 19	3 53 15	26°53'27	27°53	16°36	11°57	27°13	12° 3	12°44	5°30	19°34	29°57	10°36	11°27	27°25	11°25	S 19
S 20	3 57 11	27°53'54	12♋ 3	15°51	11°30	27°59	12°10	12°50	5°33	19°35	29°56	10°30	11°24	27°32	11°27	S 20
M21	4 1 8	28°54'24	25°44	15°17	11° 2	28°44	12°17	12°56	5°36	19°37	29°55	10°27	11°20	27°38	11°29	M21
T 22	4 5 5	29°54'55	8♌55	14°55	10°32	29°30	12°24	13° 2	5°40	19°38	29°54	10°D26	11°17	27°45	11°31	T 22
W23	4 9 1	0♐55'28	21°41	14°D45	10° 0	0♒15	12°30	13° 8	5°43	19°40	29°53	10°27	11°14	27°52	11°34	W23
T 24	4 12 58	1°56'03	4♍ 5	14°46	9°27	1° 1	12°37	13°13	5°46	19°42	29°52	10°R27	11°11	27°59	11°36	T 24
F 25	4 16 54	2°56'39	16°14	14°57	8°53	1°46	12°43	13°19	5°49	19°43	29°51	10°26	11° 8	28° 5	11°39	F 25
S 26	4 20 51	3°57'17	28°12	15°18	8°17	2°32	12°49	13°25	5°52	19°45	29°50	10°23	11° 5	28°12	11°41	S 26
S 27	4 24 47	4°57'57	10♎ 3	15°49	7°42	3°18	12°55	13°30	5°55	19°47	29°49	10°17	11° 1	28°19	11°44	S 27
M28	4 28 44	5°58'38	21°54	16°27	7° 5	4° 4	13° 1	13°36	5°59	19°48	29°48	10° 9	10°58	28°25	11°46	M28
T 29	4 32 40	6°59'21	3♏45	17°12	6°29	4°49	13° 7	13°41	6° 2	19°50	29°47	9°59	10°55	28°32	11°49	T 29
W30	4 36 37	8♐ 0'05	15♏42	18♏ 4	5♐53	5♒35	13♍12	13♎46	6♑ 5	19♑52	29♊46	9♒47	10♒52	28♎39	11♒52	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s26	14s 7	4s45	23s 4	2s54	27s56	5s36	24s26	1s44	8n48	0n54	2s16	2n11	23s37	0s17	21s23	0n40	16n23	7s 2	16s55	17s 4	14s24	10s56	6n47
W 2	14 45	18 31	4 58	23 2	2 49	27 57	5 35	24 21	1 44	8 45	0 54	2 19	2 11	23 37	0 17	21 23	0 40	16 23	7 2	17 0	17 5	14 26	10 56	6 46
T 3	15 4	22 11	4 57	22 58	2 43	27 57	5 33	24 15	1 43	8 42	0 54	2 21	2 11	23 37	0 17	21 23	0 40	16 23	7 2	17 4	17 6	14 29	10 56	6 46
F 4	15 22	24 57	4 44	22 50	2 36	27 57	5 31	24 10	1 43	8 39	0 54	2 24	2 11	23 37	0 17	21 23	0 40	16 23	7 2	17 8	17 7	14 32	10 57	6 45
S 5	15 41	26 35	4 17	22 39	2 27	27 55	5 29	24 4	1 42	8 35	0 54	2 26	2 11	23 37	0 17	21 23	0 40	16 23	7 2	17 11	17 8	14 35	10 57	6 45
S 6	15 59	26 58	3 39	22 25	2 16	27 53	5 26	23 58	1 42	8 32	0 55	2 29	2 11	23 37	0 17	21 23	0 40	16 23	7 2	17 14	17 9	14 37	10 57	6 44
M 7	16 16	26 1	2 49	22 6	2 4	27 51	5 23	23 51	1 41	8 29	0 55	2 31	2 11	23 37	0 17	21 23	0 40	16 23	7 2	17 16	17 9	14 40	10 57	6 44
T 8	16 34	23 44	1 51	21 44	1 50	27 47	5 19	23 44	1 41	8 26	0 55	2 34	2 11	23 37	0 17	21 23	0 40	16 23	7 2	17 16	17 10	14 43	10 57	6 43
W 9	16 51	20 12	0 45	21 18	1 35	27 43	5 15	23 37	1 40	8 23	0 55	2 36	2 12	23 37	0 17	21 22	0 40	16 23	7 2	17 17	17 11	14 45	10 57	6 43
T 10	17 8	15 35	0n24	20 49	1 18	27 37	5 10	23 30	1 39	8 20	0 55	2 38	2 12	23 37	0 17	21 22	0 40	16 23	7 2	17 17	17 12	14 48	10 57	6 42
F 11	17 25	10 6	1 34	20 15	0 59	27 31	5 4	23 23	1 39	8 17	0 56	2 41	2 12	23 36	0 17	21 22	0 40	16 23	7 3	17 17	17 13	14 51	10 58	6 42
S 12	17 41	3 57	2 41	19 39	0 39	27 24	4 58	23 15	1 38	8 14	0 56	2 43	2 12	23 36	0 17	21 22	0 40	16 23	7 3	17 17	17 14	14 53	10 58	6 41
S 13	17 57	2n34	3 39	19 1	0 19	27 16	4 52	23 7	1 38	8 11	0 56	2 45	2 12	23 36	0 17	21 22	0 40	16 23	7 3	17 18	17 15	14 56	10 58	6 41
M14	18 13	9 7	4 24	18 20	0n 1	27 7	4 45	22 59	1 37	8 9	0 56	2 48	2 12	23 36	0 17	21 22	0 40	16 23	7 3	17 20	17 16	14 59	10 58	6 41
T 15	18 28	15 15	4 53	17 40	0 22	26 58	4 37	22 51	1 37	8 6	0 57	2 50	2 13	23 36	0 17	21 21	0 40	16 22	7 3	17 23	17 17	15 1	10 58	6 40
W16	18 44	20 31	5 0	17 0	0 42	26 47	4 28	22 42	1 36	8 3	0 57	2 52	2 13	23 36	0 17	21 21	0 40	16 22	7 3	17 26	17 17	15 4	10 58	6 40
T 17	18 58	24 25	4 47	16 23	1 1	26 35	4 19	22 33	1 35	8 0	0 57	2 54	2 13	23 36	0 17	21 21	0 40	16 22	7 3	17 29	17 18	15 7	10 58	6 39
F 18	19 13	26 34	4 14	15 48	1 18	26 22	4 9	22 24	1 35	7 58	0 57	2 57	2 13	23 36	0 17	21 21	0 40	16 22	7 3	17 32	17 19	15 9	10 57	6 39
S 19	19 27	26 49	3 25	15 17	1 34	26 9	3 59	22 14	1 34	7 55	0 57	2 59	2 13	23 35	0 17	21 21	0 40	16 22	7 3	17 34	17 20	15 12	10 57	6 38
S 20	19 41	25 16	2 24	14 51	1 48	25 54	3 48	22 5	1 34	7 53	0 58	3 1	2 13	23 35	0 17	21 20	0 39	16 22	7 3	17 36	17 21	15 15	10 57	6 38
M21	19 54	22 15	1 17	14 30	1 59	25 39	3 36	21 55	1 33	7 50	0 58	3 3	2 14	23 35	0 17	21 20	0 39	16 22	7 3	17 36	17 22	15 17	10 57	6 37
T 22	20 7	18 9	0 8	14 14	2 9	25 22	3 24	21 45	1 32	7 48	0 58	3 5	2 14	23 35	0 17	21 20	0 39	16 22	7 3	17 37	17 23	15 20	10 57	6 37
W23	20 20	13 20	0s59	14 4	2 17	25 5	3 11	21 34	1 32	7 46	0 58	3 7	2 14	23 35	0 17	21 20	0 39	16 22	7 3	17 36	17 24	15 23	10 57	6 36
T 24	20 32	8 6	2 2	13 59	2 23	24 47	2 58	21 24	1 31	7 43	0 59	3 9	2 14	23 35	0 17	21 20	0 39	16 22	7 3	17 36	17 24	15 25	10 57	6 36
F 25	20 44	2 42	2 58	13 58	2 27	24 28	2 44	21 13	1 30	7 41	0 59	3 11	2 14	23 35	0 17	21 19	0 39	16 22	7 3	17 37	17 25	15 28	10 56	6 35
S 26	20 55	2s44	3 45	14 2	2 29	24 8	2 30	21 2	1 30	7 39	0 59	3 13	2 15	23 35	0 17	21 19	0 39	16 22	7 3	17 37	17 26	15 30	10 56	6 35
S 27	21 7	8 0	4 22	14 10	2 30	23 48	2 15	20 51	1 29	7 37	0 59	3 15	2 15	23 34	0 17	21 19	0 39	16 22	7 3	17 39	17 27	15 33	10 56	6 34
M28	21 17	12 58	4 48	14 21	2 30	23 27	2 0	20 40	1 29	7 35	1 0	3 17	2 15	23 34	0 17	21 19	0 39	16 22	7 3	17 41	17 28	15 36	10 56	6 34
T 29	21 28	17 28	5 1	14 35	2 28	23 6	1 45	20 28	1 28	7 33	1 0	3 19	2 15	23 34	0 17	21 19	0 39	16 22	7 3	17 44	17 29	15 38	10 55	6 34
W30	21s38	21s19	5s 1	14s52	2n26	22s44	1s30	20s16	1s27	7n31	1n 0	3s21	2n15	23s34	0s17	21s18	0n39	16n22	7s 3	17s47	17s30	15s41	10s55	6n33

Julian Day Number = 2509192.5, Delta T = 127.20 sec
Ecliptic obliquity = 23°25'14, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°56'45, Lahiri = 26°03'45

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2157
geocentric

DECEMBER 2157 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 40 34	9♐ 0'51	27♏44	19♏ 1	5°R17	6♒21	13♍18	13♎52	6♑ 8	19♑54	29°R45	9°R34	10♒49	28♎46	11♒54	T 1
F 2	4 44 30	10° 1'38	9♐54	20° 3	4♐41	7° 7	13°23	13°57	6°12	19°56	29♊44	9♒22	10°46	28°52	11°57	F 2
S 3	4 48 27	11° 2'26	22°13	21°10	4° 7	7°53	13°28	14° 2	6°15	19°57	29°43	9°12	10°42	28°59	12° 0	S 3
S 4	4 52 23	12° 3'16	4♑40	22°20	3°33	8°39	13°33	14° 7	6°18	19°59	29°41	9° 5	10°39	29° 6	12° 3	S 4
M 5	4 56 20	13° 4'07	17°18	23°33	3° 1	9°25	13°38	14°12	6°22	20° 1	29°40	9° 0	10°36	29°13	12° 6	M 5
T 6	5 0 16	14° 4'58	0♒ 6	24°49	2°30	10°11	13°42	14°17	6°25	20° 3	29°39	8°57	10°33	29°19	12° 9	T 6
W 7	5 4 13	15° 5'51	13° 6	26° 7	2° 1	10°57	13°47	14°22	6°29	20° 5	29°38	8°D57	10°30	29°26	12°12	W 7
T 8	5 8 10	16° 6'44	26°21	27°27	1°33	11°43	13°51	14°27	6°32	20° 7	29°37	8°58	10°26	29°33	12°15	T 8
F 9	5 12 6	17° 7'38	9♓53	28°49	1° 8	12°30	13°55	14°31	6°35	20° 9	29°36	8°59	10°23	29°39	12°18	F 9
S 10	5 16 3	18° 8'32	23°42	0♐12	0°44	13°16	13°59	14°36	6°39	20°11	29°35	8°R59	10°20	29°46	12°22	S 10
S 11	5 19 59	19° 9'28	7♈50	1°37	0°23	14° 2	14° 2	14°40	6°42	20°13	29°33	8°57	10°17	29°53	12°25	S 11
M12	5 23 56	20°10'24	22°16	3° 2	0° 4	14°48	14° 6	14°45	6°46	20°15	29°32	8°53	10°14	29°59	12°28	M12
T 13	5 27 52	21°11'20	6♉56	4°29	29♏47	15°34	14° 9	14°49	6°49	20°17	29°31	8°48	10°11	0♏ 6	12°32	T 13
W14	5 31 49	22°12'18	21°45	5°56	29°33	16°21	14°12	14°53	6°53	20°19	29°30	8°40	10° 7	0°13	12°35	W14
T 15	5 35 45	23°13'16	6♊35	7°24	29°21	17° 7	14°15	14°58	6°56	20°21	29°29	8°33	10° 4	0°20	12°39	T 15
F 16	5 39 42	24°14'15	21°17	8°53	29°12	17°53	14°18	15° 2	7° 0	20°23	29°28	8°26	10° 1	0°26	12°42	F 16
S 17	5 43 39	25°15'14	5♋45	10°22	29° 5	18°40	14°21	15° 6	7° 4	20°25	29°26	8°20	9°58	0°33	12°46	S 17
S 18	5 47 35	26°16'15	19°51	11°51	29° 1	19°26	14°23	15°10	7° 7	20°27	29°25	8°17	9°55	0°40	12°50	S 18
M19	5 51 32	27°17'16	3♌32	13°21	28°D59	20°12	14°25	15°14	7°11	20°30	29°24	8°D15	9°52	0°47	12°53	M19
T 20	5 55 28	28°18'18	16°47	14°52	29° 0	20°59	14°27	15°17	7°14	20°32	29°23	8°16	9°48	0°53	12°57	T 20
W21	5 59 25	29°19'21	29°39	16°22	29° 3	21°45	14°29	15°21	7°18	20°34	29°22	8°17	9°45	1° 0	13° 1	W21
T 22	6 3 21	0♑20'24	12♍ 8	17°53	29° 9	22°31	14°31	15°24	7°21	20°36	29°20	8°19	9°42	1° 7	13° 4	T 22
F 23	6 7 18	1°21'29	24°21	19°25	29°17	23°18	14°32	15°28	7°25	20°38	29°19	8°20	9°39	1°14	13° 8	F 23
S 24	6 11 14	2°22'34	6♎22	20°56	29°27	24° 4	14°34	15°31	7°29	20°40	29°18	8°R20	9°36	1°20	13°12	S 24
S 25	6 15 11	3°23'40	18°15	22°28	29°39	24°50	14°35	15°35	7°32	20°43	29°17	8°19	9°32	1°27	13°16	S 25
M26	6 19 8	4°24'46	0♏ 7	24° 0	29°54	25°37	14°36	15°38	7°36	20°45	29°16	8°16	9°29	1°34	13°20	M26
T 27	6 23 4	5°25'54	12° 0	25°32	0♐10	26°23	14°36	15°41	7°39	20°47	29°15	8°11	9°26	1°40	13°24	T 27
W28	6 27 1	6°27'02	23°59	27° 5	0°29	27°10	14°37	15°44	7°43	20°49	29°13	8° 6	9°23	1°47	13°28	W28
T 29	6 30 57	7°28'11	6♐ 8	28°38	0°50	27°56	14°37	15°47	7°47	20°51	29°12	8° 0	9°20	1°54	13°32	T 29
F 30	6 34 54	8°29'20	18°27	0♑11	1°12	28°43	14°R37	15°50	7°50	20°54	29°11	7°55	9°17	2° 1	13°36	F 30
S 31	6 38 50	9♑30'29	0♑59	1♑44	1♐37	29♒29	14♍37	15♎52	7♑54	20♑56	29♊10	7♒50	9♒13	2♏ 7	13♒40	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s47	24s19	4s48	15s10	2n23	22s23	1s14	20s 4	1s27	7n29	1n 0	3s23	2n16	23s34	0s17	21s18	0n39	16n22	7s 3	17s51	17s30	15s43	10s55	6n33
F 2	21 56	26 14	4 22	15 31	2 19	22 1	0 59	19 52	1 26	7 28	1 1	3 25	2 16	23 34	0 17	21 18	0 39	16 22	7 3	17 54	17 31	15 46	10 54	6 32
S 3	22 5	26 54	3 43	15 53	2 14	21 39	0 43	19 39	1 25	7 26	1 1	3 26	2 16	23 34	0 17	21 18	0 39	16 22	7 3	17 56	17 32	15 49	10 54	6 32
S 4	22 13	26 13	2 53	16 16	2 9	21 18	0 27	19 27	1 24	7 24	1 1	3 28	2 16	23 33	0 17	21 17	0 39	16 22	7 3	17 58	17 33	15 51	10 54	6 32
M 5	22 21	24 11	1 53	16 39	2 3	20 56	0 12	19 14	1 24	7 23	1 1	3 30	2 16	23 33	0 17	21 17	0 39	16 22	7 3	18 0	17 34	15 54	10 53	6 31
T 6	22 28	20 53	0 47	17 4	1 57	20 35	0n 3	19 1	1 23	7 21	1 2	3 32	2 17	23 33	0 17	21 17	0 39	16 22	7 3	18 0	17 35	15 56	10 53	6 31
W 7	22 35	16 31	0n22	17 28	1 51	20 15	0 18	18 47	1 22	7 20	1 2	3 33	2 17	23 33	0 17	21 17	0 39	16 22	7 3	18 0	17 36	15 59	10 52	6 30
T 8	22 42	11 17	1 32	17 53	1 44	19 55	0 33	18 34	1 22	7 18	1 2	3 35	2 17	23 33	0 17	21 16	0 39	16 22	7 3	18 0	17 36	16 1	10 52	6 30
F 9	22 48	5 25	2 38	18 18	1 37	19 36	0 47	18 20	1 21	7 17	1 2	3 37	2 17	23 33	0 17	21 16	0 39	16 22	7 3	18 0	17 37	16 4	10 51	6 30
S 10	22 53	0n49	3 37	18 43	1 30	19 17	1 1	18 6	1 20	7 16	1 3	3 38	2 18	23 32	0 17	21 16	0 39	16 22	7 3	18 0	17 38	16 7	10 51	6 29
S 11	22 59	7 8	4 24	19 7	1 23	18 59	1 15	17 52	1 19	7 14	1 3	3 40	2 18	23 32	0 17	21 15	0 39	16 22	7 3	18 0	17 39	16 9	10 50	6 29
M12	23 3	13 13	4 55	19 31	1 15	18 43	1 28	17 38	1 19	7 13	1 3	3 41	2 18	23 32	0 17	21 15	0 39	16 22	7 3	18 1	17 40	16 12	10 50	6 28
T 13	23 8	18 39	5 7	19 55	1 8	18 27	1 41	17 24	1 18	7 12	1 3	3 43	2 18	23 32	0 17	21 15	0 39	16 22	7 3	18 3	17 41	16 14	10 49	6 28
W14	23 11	23 0	5 0	20 17	1 0	18 12	1 53	17 9	1 17	7 11	1 4	3 44	2 19	23 32	0 17	21 15	0 39	16 22	7 3	18 5	17 42	16 17	10 48	6 28
T 15	23 15	25 51	4 32	20 40	0 53	17 58	2 5	16 54	1 16	7 10	1 4	3 45	2 19	23 31	0 17	21 14	0 39	16 22	7 3	18 7	17 42	16 19	10 48	6 27
F 16	23 18	26 54	3 46	21 1	0 45	17 45	2 16	16 40	1 16	7 10	1 4	3 47	2 19	23 31	0 17	21 14	0 39	16 22	7 3	18 8	17 43	16 22	10 47	6 27
S 17	23 20	26 4	2 47	21 22	0 38	17 33	2 27	16 25	1 15	7 9	1 4	3 48	2 19	23 31	0 17	21 14	0 39	16 22	7 3	18 10	17 44	16 24	10 47	6 27
S 18	23 22	23 34	1 38	21 42	0 30	17 22	2 37	16 9	1 14	7 8	1 5	3 49	2 19	23 31	0 17	21 13	0 39	16 22	7 3	18 11	17 45	16 27	10 46	6 26
M19	23 24	19 46	0 26	22 0	0 23	17 12	2 47	15 54	1 13	7 8	1 5	3 51	2 20	23 31	0 17	21 13	0 39	16 22	7 3	18 11	17 46	16 29	10 45	6 26
T 20	23 25	15 3	0s46	22 18	0 15	17 3	2 56	15 39	1 13	7 7	1 5	3 52	2 20	23 31	0 17	21 13	0 39	16 22	7 3	18 11	17 47	16 32	10 45	6 26
W21	23 25	9 49	1 54	22 35	0 8	16 55	3 5	15 23	1 12	7 7	1 6	3 53	2 20	23 30	0 17	21 13	0 39	16 22	7 3	18 11	17 48	16 34	10 44	6 25
T 22	23 25	4 19	2 54	22 51	0 1	16 48	3 13	15 7	1 11	7 6	1 6	3 54	2 21	23 30	0 17	21 12	0 39	16 22	7 3	18 10	17 48	16 37	10 43	6 25
F 23	23 25	1s12	3 44	23 6	0s 6	16 43	3 21	14 51	1 10	7 6	1 6	3 55	2 21	23 30	0 17	21 12	0 39	16 22	7 3	18 10	17 49	16 39	10 42	6 25
S 24	23 24	6 34	4 25	23 20	0 13	16 38	3 28	14 35	1 10	7 6	1 6	3 56	2 21	23 30	0 17	21 12	0 39	16 22	7 3	18 10	17 50	16 42	10 42	6 24
S 25	23 23	11 40	4 53	23 32	0 20	16 34	3 35	14 19	1 9	7 5	1 7	3 57	2 21	23 30	0 17	21 11	0 39	16 22	7 3	18 10	17 51	16 44	10 41	6 24
M26	23 21	16 18	5 8	23 44	0 27	16 30	3 41	14 2	1 8	7 5	1 7	3 58	2 22	23 29	0 17	21 11	0 39	16 23	7 3	18 11	17 52	16 47	10 40	6 24
T 27	23 19	20 21	5 11	23 54	0 33	16 28	3 47	13 46	1 7	7 5	1 7	3 59	2 22	23 29	0 17	21 11	0 39	16 23	7 3	18 12	17 53	16 49	10 39	6 23
W28	23 16	23 35	5 0	24 3	0 40	16 27	3 52	13 29	1 7	7 5	1 7	4 0	2 22	23 29	0 17	21 10	0 39	16 23	7 2	18 14	17 53	16 52	10 38	6 23
T 29	23 13	25 50	4 35	24 11	0 46	16 26	3 57	13 13	1 6	7 6	1 8	4 1	2 22	23 29	0 17	21 10	0 39	16 23	7 2	18 15	17 54	16 54	10 37	6 23
F 30	23 9	26 52	3 57	24 18	0 52	16 26	4 2	12 56	1 5	7 6	1 8	4 2	2 23	23 29	0 17	21 10	0 39	16 23	7 2	18 17	17 55	16 57	10 37	6 23
S 31	23s 5	26s33	3s 8	24s23	0s58	16s27	4n 6	12s39	1s 4	7n 6	1n 8	4s 3	2n23	23s28	0s17	21s 9	0n39	16n23	7s 2	18s18	17s56	16s59	10s36	6n22

Julian Day Number = 2509222.5, Delta T = 127.26 sec
Ecliptic obliquity = 23°25'13, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°56'49, Lahiri = 26°03'49

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2158
geocentric

JANUARY 2158 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 42 47	10♑31'39	13♑44	3♑18	2♐ 3	0♓16	14°R37	15♎55	7♑57	20♑58	29°R 9	7°R47	9♒10	2♏14	13♒45	S 1
M 2	6 46 44	11°32'49	26°42	4°52	2°31	1° 2	14♍37	15°57	8° 1	21° 0	29♊ 8	7♒45	9° 7	2°21	13°49	M 2
T 3	6 50 40	12°33'59	9♒53	6°26	3° 0	1°48	14°36	16° 0	8° 5	21° 3	29° 6	7°D44	9° 4	2°27	13°53	T 3
W 4	6 54 37	13°35'09	23°15	8° 0	3°31	2°35	14°35	16° 2	8° 8	21° 5	29° 5	7°45	9° 1	2°34	13°57	W 4
T 5	6 58 33	14°36'18	6♓49	9°35	4° 4	3°21	14°34	16° 4	8°12	21° 7	29° 4	7°46	8°58	2°41	14° 2	T 5
F 6	7 2 30	15°37'28	20°34	11°10	4°38	4° 8	14°33	16° 6	8°15	21° 9	29° 3	7°48	8°54	2°48	14° 6	F 6
S 7	7 6 26	16°38'37	4♈30	12°46	5°13	4°54	14°31	16° 8	8°19	21°12	29° 2	7°49	8°51	2°54	14°10	S 7
S 8	7 10 23	17°39'46	18°34	14°22	5°50	5°41	14°30	16°10	8°23	21°14	29° 1	7°R49	8°48	3° 1	14°15	S 8
M 9	7 14 19	18°40'54	2♉47	15°58	6°28	6°27	14°28	16°12	8°26	21°16	29° 0	7°49	8°45	3° 8	14°19	M 9
T 10	7 18 16	19°42'03	17° 6	17°34	7° 8	7°13	14°26	16°14	8°30	21°18	28°59	7°47	8°42	3°15	14°23	T 10
W11	7 22 13	20°43'10	1♊27	19°12	7°48	8° 0	14°24	16°15	8°33	21°21	28°57	7°45	8°38	3°21	14°28	W11
T 12	7 26 9	21°44'18	15°46	20°49	8°30	8°46	14°21	16°17	8°37	21°23	28°56	7°43	8°35	3°28	14°32	T 12
F 13	7 30 6	22°45'25	29°59	22°27	9°13	9°33	14°19	16°18	8°40	21°25	28°55	7°41	8°32	3°35	14°37	F 13
S 14	7 34 2	23°46'32	14♋ 2	24° 5	9°56	10°19	14°16	16°19	8°44	21°28	28°54	7°39	8°29	3°41	14°41	S 14
S 15	7 37 59	24°47'38	27°50	25°44	10°41	11° 5	14°13	16°21	8°47	21°30	28°53	7°39	8°26	3°48	14°46	S 15
M16	7 41 55	25°48'44	11♌19	27°23	11°27	11°52	14°10	16°22	8°51	21°32	28°52	7°D38	8°23	3°55	14°50	M16
T 17	7 45 52	26°49'49	24°29	29° 3	12°14	12°38	14° 7	16°23	8°54	21°34	28°51	7°39	8°19	4° 2	14°55	T 17
W18	7 49 48	27°50'54	7♍19	0♒43	13° 2	13°24	14° 3	16°23	8°58	21°37	28°50	7°40	8°16	4° 8	14°59	W18
T 19	7 53 45	28°51'59	19°50	2°24	13°50	14°11	13°59	16°24	9° 1	21°39	28°49	7°41	8°13	4°15	15° 4	T 19
F 20	7 57 42	29°53'04	2♎ 6	4° 5	14°40	14°57	13°56	16°25	9° 5	21°41	28°48	7°42	8°10	4°22	15° 9	F 20
S 21	8 1 38	0♒54'08	14°10	5°47	15°30	15°43	13°52	16°25	9° 8	21°43	28°47	7°42	8° 7	4°29	15°13	S 21
S 22	8 5 35	1°55'12	26° 5	7°29	16°21	16°29	13°47	16°26	9°12	21°46	28°46	7°43	8° 4	4°35	15°18	S 22
M23	8 9 31	2°56'16	7♏58	9°11	17°13	17°16	13°43	16°26	9°15	21°48	28°45	7°R43	8° 0	4°42	15°23	M23
T 24	8 13 28	3°57'20	19°52	10°54	18° 6	18° 2	13°38	16°26	9°18	21°50	28°44	7°42	7°57	4°49	15°27	T 24
W25	8 17 24	4°58'23	1♐52	12°37	18°59	18°48	13°34	16°R26	9°22	21°52	28°43	7°42	7°54	4°55	15°32	W25
T 26	8 21 21	5°59'25	14° 2	14°21	19°53	19°34	13°29	16°26	9°25	21°55	28°42	7°42	7°51	5° 2	15°37	T 26
F 27	8 25 17	7° 0'27	26°27	16° 4	20°47	20°20	13°24	16°26	9°28	21°57	28°41	7°42	7°48	5° 9	15°41	F 27
S 28	8 29 14	8° 1'29	9♑ 8	17°48	21°43	21° 6	13°19	16°26	9°32	21°59	28°40	7°D42	7°44	5°16	15°46	S 28
S 29	8 33 11	9° 2'30	22° 7	19°32	22°38	21°53	13°13	16°25	9°35	22° 1	28°40	7°42	7°41	5°22	15°51	S 29
M30	8 37 7	10° 3'30	5♒25	21°15	23°35	22°39	13° 8	16°25	9°38	22° 3	28°39	7°R42	7°38	5°29	15°55	M30
T 31	8 41 4	11♒ 4'29	19♒ 0	22♒59	24♐31	23♓25	13♍ 2	16♎24	9♑41	22♑ 6	28♊38	7♒42	7♒35	5♏36	16♒ 0	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s 0	24s50	2s 8	24s27	1s 4	16s28	4n10	12s22	1s 3	7n 6	1n 9	4s 3	2n23	23s28	0s17	21s 9	0n39	16n23	7s 2	18s19	17s57	17s 2	10s35	6n22
M 2	22 55	21 47	1 0	24 30	1 10	16 30	4 14	12 4	1 3	7 7	1 9	4 4	2 23	23 28	0 17	21 9	0 39	16 23	7 2	18 19	17 58	17 4	10 34	6 22
T 3	22 50	17 34	0n12	24 31	1 15	16 33	4 17	11 47	1 2	7 7	1 9	4 5	2 24	23 28	0 17	21 8	0 39	16 23	7 2	18 19	17 59	17 7	10 33	6 22
W 4	22 44	12 26	1 24	24 31	1 20	16 36	4 19	11 30	1 1	7 8	1 9	4 5	2 24	23 28	0 17	21 8	0 39	16 23	7 2	18 19	17 59	17 9	10 32	6 21
T 5	22 37	6 38	2 33	24 30	1 25	16 39	4 22	11 12	1 0	7 9	1 10	4 6	2 24	23 27	0 17	21 8	0 39	16 23	7 2	18 19	18 0	17 12	10 31	6 21
F 6	22 30	0 27	3 34	24 27	1 30	16 43	4 24	10 55	0 59	7 9	1 10	4 6	2 25	23 27	0 17	21 7	0 39	16 23	7 2	18 18	18 1	17 14	10 30	6 21
S 7	22 23	5n49	4 24	24 23	1 35	16 48	4 26	10 37	0 59	7 10	1 10	4 7	2 25	23 27	0 17	21 7	0 39	16 23	7 2	18 18	18 2	17 16	10 29	6 21
S 8	22 15	11 51	4 58	24 17	1 39	16 53	4 27	10 19	0 58	7 11	1 10	4 7	2 25	23 27	0 17	21 7	0 39	16 23	7 2	18 18	18 3	17 19	10 28	6 20
M 9	22 7	17 20	5 14	24 10	1 43	16 58	4 28	10 1	0 57	7 12	1 11	4 8	2 25	23 26	0 17	21 6	0 39	16 24	7 1	18 18	18 4	17 21	10 27	6 20
T 10	21 59	21 53	5 11	24 2	1 47	17 3	4 29	9 43	0 56	7 13	1 11	4 8	2 26	23 26	0 17	21 6	0 39	16 24	7 1	18 18	18 4	17 24	10 26	6 20
W11	21 49	25 9	4 49	23 52	1 50	17 9	4 30	9 25	0 55	7 14	1 11	4 8	2 26	23 26	0 17	21 6	0 39	16 24	7 1	18 19	18 5	17 26	10 25	6 20
T 12	21 40	26 47	4 9	23 40	1 53	17 15	4 30	9 7	0 54	7 15	1 11	4 9	2 26	23 26	0 17	21 5	0 38	16 24	7 1	18 20	18 6	17 28	10 24	6 20
F 13	21 30	26 38	3 13	23 28	1 56	17 22	4 30	8 49	0 54	7 16	1 12	4 9	2 27	23 26	0 17	21 5	0 38	16 24	7 1	18 20	18 7	17 31	10 23	6 19
S 14	21 20	24 47	2 7	23 13	1 58	17 28	4 30	8 31	0 53	7 18	1 12	4 9	2 27	23 25	0 17	21 5	0 38	16 24	7 1	18 20	18 8	17 33	10 22	6 19
S 15	21 9	21 28	0 54	22 57	2 1	17 35	4 30	8 12	0 52	7 19	1 12	4 9	2 27	23 25	0 17	21 4	0 38	16 24	7 1	18 21	18 8	17 36	10 21	6 19
M16	20 58	17 3	0s20	22 40	2 3	17 41	4 29	7 54	0 51	7 21	1 13	4 10	2 27	23 25	0 17	21 4	0 38	16 24	7 1	18 21	18 9	17 38	10 19	6 19
T 17	20 46	11 54	1 32	22 21	2 4	17 48	4 29	7 35	0 50	7 22	1 13	4 10	2 28	23 25	0 17	21 4	0 38	16 24	7 1	18 21	18 10	17 40	10 18	6 19
W18	20 35	6 23	2 37	22 1	2 5	17 55	4 28	7 17	0 50	7 24	1 13	4 10	2 28	23 25	0 18	21 3	0 38	16 25	7 0	18 20	18 11	17 43	10 17	6 19
T 19	20 22	0 45	3 33	21 39	2 6	18 2	4 26	6 58	0 49	7 25	1 13	4 10	2 28	23 24	0 18	21 3	0 38	16 25	7 0	18 20	18 12	17 45	10 16	6 18
F 20	20 10	4s47	4 18	21 16	2 6	18 9	4 25	6 40	0 48	7 27	1 14	4 10	2 29	23 24	0 18	21 3	0 38	16 25	7 0	18 20	18 13	17 48	10 15	6 18
S 21	19 56	10 3	4 51	20 51	2 6	18 16	4 23	6 21	0 47	7 29	1 14	4 10	2 29	23 24	0 18	21 2	0 38	16 25	7 0	18 20	18 13	17 50	10 14	6 18
S 22	19 43	14 53	5 11	20 24	2 5	18 23	4 22	6 2	0 46	7 31	1 14	4 10	2 29	23 24	0 18	21 2	0 38	16 25	7 0	18 20	18 14	17 52	10 12	6 18
M23	19 29	19 9	5 17	19 56	2 4	18 30	4 20	5 44	0 45	7 33	1 14	4 9	2 29	23 23	0 18	21 2	0 38	16 25	7 0	18 20	18 15	17 55	10 11	6 18
T 24	19 15	22 40	5 10	19 27	2 3	18 37	4 18	5 25	0 45	7 34	1 15	4 9	2 30	23 23	0 18	21 1	0 38	16 25	7 0	18 20	18 16	17 57	10 10	6 18
W25	19 0	25 14	4 49	18 56	2 1	18 43	4 15	5 6	0 44	7 37	1 15	4 9	2 30	23 23	0 18	21 1	0 38	16 25	6 59	18 20	18 17	17 59	10 9	6 18
T 26	18 46	26 42	4 16	18 24	1 58	18 50	4 13	4 47	0 43	7 39	1 15	4 9	2 30	23 23	0 18	21 0	0 38	16 26	6 59	18 20	18 18	18 2	10 7	6 18
F 27	18 30	26 52	3 29	17 50	1 55	18 56	4 11	4 28	0 42	7 41	1 15	4 8	2 30	23 23	0 18	21 0	0 38	16 26	6 59	18 20	18 18	18 4	10 6	6 17
S 28	18 15	25 38	2 32	17 15	1 51	19 2	4 8	4 9	0 41	7 43	1 15	4 8	2 31	23 22	0 18	21 0	0 38	16 26	6 59	18 20	18 19	18 6	10 5	6 17
S 29	17 59	23 1	1 25	16 38	1 47	19 8	4 5	3 50	0 41	7 45	1 16	4 8	2 31	23 22	0 18	20 59	0 38	16 26	6 59	18 20	18 20	18 9	10 4	6 17
M30	17 43	19 6	0 13	16 1	1 42	19 14	4 2	3 32	0 40	7 48	1 16	4 7	2 31	23 22	0 18	20 59	0 38	16 26	6 59	18 20	18 21	18 11	10 2	6 17
T 31	17s26	14s 8	1n 2	15s22	1s36	19s19	3n59	3s13	0s39	7n50	1n16	4s 7	2n32	23s22	0s18	20s59	0n38	16n26	6s59	18s20	18s22	18s13	10s 1	6n17

Julian Day Number = 2509253.5, Delta T = 127.32 sec
Ecliptic obliquity = 23°25'13, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°56'53, Lahiri = 26°03'54

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2158
geocentric

FEBRUARY 2158 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 45 0	12♒ 5'27	2♓51	24♒42	25♐29	24♓11	12°R56	16°R24	9♑45	22♑ 8	28°R37	7°R41	7♒32	5♏42	16♒ 5	W 1
T 2	8 48 57	13° 6'25	16°54	26°24	26°27	24°57	12♍50	16♎23	9°48	22°10	28♊36	7♒41	7°29	5°49	16°10	T 2
F 3	8 52 53	14° 7'21	1♈ 5	28° 5	27°25	25°43	12°44	16°22	9°51	22°12	28°35	7°40	7°25	5°56	16°14	F 3
S 4	8 56 50	15° 8'15	15°20	29°44	28°24	26°29	12°38	16°21	9°54	22°14	28°35	7°39	7°22	6° 3	16°19	S 4
S 5	9 0 46	16° 9'09	29°36	1♓23	29°23	27°15	12°32	16°20	9°57	22°16	28°34	7°39	7°19	6° 9	16°24	S 5
M 6	9 4 43	17°10'01	13♉50	2°59	0♑23	28° 1	12°25	16°19	10° 0	22°19	28°33	7°D38	7°16	6°16	16°28	M 6
T 7	9 8 40	18°10'51	27°59	4°32	1°23	28°46	12°19	16°17	10° 3	22°21	28°32	7°38	7°13	6°23	16°33	T 7
W 8	9 12 36	19°11'41	12♊ 1	6° 2	2°23	29°32	12°12	16°16	10° 6	22°23	28°32	7°39	7°10	6°30	16°38	W 8
T 9	9 16 33	20°12'29	25°55	7°29	3°24	0♈18	12° 5	16°15	10° 9	22°25	28°31	7°40	7° 6	6°36	16°43	T 9
F 10	9 20 29	21°13'15	9♋39	8°51	4°25	1° 4	11°58	16°13	10°12	22°27	28°30	7°41	7° 3	6°43	16°47	F 10
S 11	9 24 26	22°14'00	23°12	10° 9	5°27	1°50	11°51	16°11	10°15	22°29	28°30	7°42	7° 0	6°50	16°52	S 11
S 12	9 28 22	23°14'44	6♌33	11°20	6°29	2°35	11°44	16° 9	10°18	22°31	28°29	7°R43	6°57	6°56	16°57	S 12
M13	9 32 19	24°15'26	19°41	12°25	7°31	3°21	11°37	16° 7	10°21	22°33	28°29	7°42	6°54	7° 3	17° 1	M13
T 14	9 36 15	25°16'07	2♍35	13°23	8°34	4° 7	11°30	16° 5	10°24	22°35	28°28	7°41	6°50	7°10	17° 6	T 14
W15	9 40 12	26°16'46	15°15	14°13	9°36	4°52	11°23	16° 3	10°26	22°37	28°27	7°39	6°47	7°17	17°11	W15
T 16	9 44 9	27°17'24	27°41	14°55	10°40	5°38	11°15	16° 1	10°29	22°39	28°27	7°36	6°44	7°23	17°15	T 16
F 17	9 48 5	28°18'01	9♎55	15°27	11°43	6°23	11° 8	15°59	10°32	22°41	28°26	7°32	6°41	7°30	17°20	F 17
S 18	9 52 2	29°18'36	21°59	15°49	12°47	7° 9	11° 0	15°56	10°35	22°43	28°26	7°29	6°38	7°37	17°25	S 18
S 19	9 55 58	0♓19'11	3♏55	16° 1	13°51	7°54	10°53	15°54	10°37	22°45	28°25	7°26	6°35	7°44	17°29	S 19
M20	9 59 55	1°19'44	15°47	16°R 3	14°55	8°40	10°45	15°51	10°40	22°47	28°25	7°24	6°31	7°50	17°34	M20
T 21	10 3 51	2°20'16	27°40	15°55	16° 0	9°25	10°37	15°49	10°42	22°48	28°24	7°D23	6°28	7°57	17°39	T 21
W22	10 7 48	3°20'47	9♐39	15°36	17° 5	10°10	10°29	15°46	10°45	22°50	28°24	7°23	6°25	8° 4	17°43	W22
T 23	10 11 44	4°21'16	21°48	15° 8	18°10	10°56	10°22	15°43	10°48	22°52	28°24	7°24	6°22	8°10	17°48	T 23
F 24	10 15 41	5°21'44	4♑11	14°31	19°15	11°41	10°14	15°40	10°50	22°54	28°23	7°25	6°19	8°17	17°52	F 24
S 25	10 19 38	6°22'11	16°54	13°45	20°21	12°26	10° 6	15°37	10°52	22°56	28°23	7°27	6°16	8°24	17°57	S 25
S 26	10 23 34	7°22'36	29°58	12°53	21°27	13°11	9°58	15°34	10°55	22°57	28°22	7°28	6°12	8°31	18° 1	S 26
M27	10 27 31	8°23'00	13♒27	11°55	22°32	13°57	9°50	15°31	10°57	22°59	28°22	7°R28	6° 9	8°37	18° 6	M27
T 28	10 31 27	9♓23'23	27♒20	10♓54	23♑39	14♈42	9♍42	15♎28	10♑59	23♑ 1	28♊22	7♒27	6♒ 6	8♏44	18♒10	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17s 9	8s21	2n15	14s41	1s30	19s25	3n56	2s54	0s38	7n52	1n16	4s 6	2n32	23s21	0s18	20s58	0n38	16n26	6s58	18s20	18s22	18s16	10s 0	6n17
T 2	16 52	2 5	3 21	14 0	1 23	19 30	3 53	2 35	0 37	7 55	1 17	4 6	2 32	23 21	0 18	20 58	0 38	16 27	6 58	18 20	18 23	18 18	9 58	6 17
F 3	16 35	4n19	4 15	13 18	1 15	19 34	3 50	2 16	0 36	7 57	1 17	4 5	2 32	23 21	0 18	20 58	0 38	16 27	6 58	18 20	18 24	18 20	9 57	6 17
S 4	16 17	10 32	4 53	12 35	1 6	19 39	3 46	1 57	0 36	8 0	1 17	4 4	2 33	23 21	0 18	20 57	0 38	16 27	6 58	18 20	18 25	18 22	9 56	6 17
S 5	15 59	16 12	5 14	11 52	0 57	19 43	3 42	1 38	0 35	8 2	1 17	4 4	2 33	23 21	0 18	20 57	0 38	16 27	6 58	18 21	18 26	18 25	9 54	6 17
M 6	15 41	20 59	5 15	11 8	0 47	19 46	3 39	1 19	0 34	8 5	1 17	4 3	2 33	23 20	0 18	20 57	0 38	16 27	6 58	18 21	18 26	18 27	9 53	6 17
T 7	15 22	24 31	4 57	10 24	0 36	19 50	3 35	1 0	0 33	8 8	1 18	4 2	2 34	23 20	0 18	20 56	0 38	16 27	6 57	18 21	18 27	18 29	9 52	6 17
W 8	15 3	26 32	4 22	9 40	0 24	19 53	3 31	0 41	0 32	8 11	1 18	4 1	2 34	23 20	0 18	20 56	0 38	16 28	6 57	18 21	18 28	18 32	9 50	6 17
T 9	14 44	26 52	3 31	8 56	0 12	19 55	3 27	0 22	0 32	8 13	1 18	4 1	2 34	23 20	0 18	20 56	0 38	16 28	6 57	18 20	18 29	18 34	9 49	6 17
F 10	14 25	25 33	2 29	8 13	0n 1	19 58	3 23	0 3	0 31	8 16	1 18	4 0	2 34	23 20	0 18	20 55	0 38	16 28	6 57	18 20	18 30	18 36	9 48	6 17
S 11	14 5	22 44	1 19	7 31	0 15	19 59	3 19	0n16	0 30	8 19	1 18	3 59	2 35	23 19	0 18	20 55	0 38	16 28	6 57	18 20	18 30	18 38	9 46	6 17
S 12	13 46	18 43	0 6	6 51	0 30	20 1	3 15	0 35	0 29	8 22	1 18	3 58	2 35	23 19	0 18	20 55	0 38	16 28	6 57	18 20	18 31	18 41	9 45	6 17
M13	13 26	13 52	1s 6	6 12	0 45	20 2	3 11	0 54	0 28	8 25	1 19	3 57	2 35	23 19	0 18	20 54	0 38	16 28	6 56	18 20	18 32	18 43	9 44	6 17
T 14	13 5	8 28	2 13	5 36	1 0	20 2	3 7	1 13	0 28	8 28	1 19	3 56	2 35	23 19	0 18	20 54	0 38	16 29	6 56	18 20	18 33	18 45	9 42	6 17
W15	12 45	2 51	3 12	5 2	1 16	20 2	3 2	1 31	0 27	8 30	1 19	3 55	2 36	23 19	0 18	20 54	0 38	16 29	6 56	18 21	18 34	18 47	9 41	6 17
T 16	12 24	2s47	4 2	4 32	1 32	20 2	2 58	1 50	0 26	8 33	1 19	3 54	2 36	23 18	0 18	20 53	0 38	16 29	6 56	18 21	18 34	18 49	9 39	6 17
F 17	12 3	8 12	4 39	4 4	1 48	20 1	2 54	2 9	0 25	8 36	1 19	3 53	2 36	23 18	0 18	20 53	0 38	16 29	6 56	18 22	18 35	18 52	9 38	6 17
S 18	11 42	13 14	5 3	3 41	2 4	20 0	2 49	2 28	0 24	8 39	1 19	3 52	2 36	23 18	0 18	20 53	0 38	16 29	6 55	18 23	18 36	18 54	9 36	6 17
S 19	11 21	17 43	5 14	3 22	2 19	19 58	2 45	2 46	0 24	8 42	1 19	3 51	2 37	23 18	0 18	20 52	0 38	16 29	6 55	18 24	18 37	18 56	9 35	6 17
M20	11 0	21 30	5 11	3 8	2 34	19 56	2 40	3 5	0 23	8 45	1 20	3 49	2 37	23 18	0 18	20 52	0 38	16 30	6 55	18 24	18 38	18 58	9 34	6 17
T 21	10 38	24 24	4 55	2 58	2 48	19 53	2 36	3 24	0 22	8 48	1 20	3 48	2 37	23 17	0 18	20 52	0 38	16 30	6 55	18 25	18 38	19 1	9 32	6 17
W22	10 16	26 16	4 26	2 53	3 1	19 50	2 31	3 42	0 21	8 51	1 20	3 47	2 37	23 17	0 18	20 51	0 38	16 30	6 55	18 25	18 39	19 3	9 31	6 17
T 23	9 54	26 54	3 45	2 53	3 13	19 46	2 26	4 0	0 20	8 55	1 20	3 46	2 37	23 17	0 18	20 51	0 38	16 30	6 54	18 24	18 40	19 5	9 29	6 17
F 24	9 32	26 14	2 52	2 59	3 23	19 42	2 22	4 19	0 20	8 58	1 20	3 44	2 38	23 17	0 18	20 51	0 38	16 30	6 54	18 24	18 41	19 7	9 28	6 18
S 25	9 10	24 11	1 50	3 8	3 31	19 37	2 17	4 37	0 19	9 1	1 20	3 43	2 38	23 17	0 18	20 51	0 38	16 31	6 54	18 24	18 42	19 9	9 26	6 18
S 26	8 48	20 48	0 41	3 23	3 37	19 32	2 12	4 56	0 18	9 4	1 20	3 41	2 38	23 16	0 18	20 50	0 38	16 31	6 54	18 23	18 42	19 11	9 25	6 18
M27	8 25	16 15	0n33	3 41	3 41	19 26	2 8	5 14	0 17	9 7	1 20	3 40	2 38	23 16	0 18	20 50	0 38	16 31	6 54	18 23	18 43	19 14	9 24	6 18
T 28	8s 3	10s43	1n46	4s 2	3n43	19s20	2n 3	5n32	0s16	9n10	1n20	3s39	2n39	23s16	0s18	20s50	0n38	16n31	6s54	18s24	18s44	19s16	9s22	6n18

Julian Day Number = 2509284.5, Delta T = 127.38 sec
Ecliptic obliquity = 23°25'13, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°56'57, Lahiri = 26°03'58

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2158
geocentric

MARCH 2158 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 35 24	10♓23'43	11♓35	9°R50	24♑45	15♈27	9°R34	15°R24	11♑ 2	23♑ 3	28°R22	7°R24	6♒ 3	8♏51	18♒15	W 1
T 2	10 39 20	11°24'02	26° 6	8♓46	25°52	16°12	9♍27	15♎21	11° 4	23° 4	28♊21	7♒19	6° 0	8°57	18°19	T 2
F 3	10 43 17	12°24'19	10♈47	7°42	26°58	16°57	9°19	15°17	11° 6	23° 6	28°21	7°14	5°56	9° 4	18°24	F 3
S 4	10 47 13	13°24'34	25°31	6°40	28° 5	17°42	9°11	15°14	11° 8	23° 8	28°21	7° 9	5°53	9°11	18°28	S 4
S 5	10 51 10	14°24'48	10♉ 9	5°42	29°12	18°27	9° 3	15°10	11°10	23° 9	28°21	7° 4	5°50	9°18	18°32	S 5
M 6	10 55 7	15°24'59	24°38	4°49	0♒19	19°12	8°55	15° 7	11°12	23°11	28°21	7° 0	5°47	9°24	18°37	M 6
T 7	10 59 3	16°25'08	8♊52	4° 1	1°27	19°56	8°47	15° 3	11°14	23°12	28°20	6°59	5°44	9°31	18°41	T 7
W 8	11 3 0	17°25'15	22°49	3°19	2°34	20°41	8°40	14°59	11°16	23°14	28°20	6°D58	5°41	9°38	18°45	W 8
T 9	11 6 56	18°25'20	6♋30	2°44	3°42	21°26	8°32	14°55	11°18	23°15	28°20	6°59	5°37	9°45	18°50	T 9
F 10	11 10 53	19°25'23	19°54	2°15	4°50	22°11	8°24	14°51	11°20	23°17	28°20	7° 1	5°34	9°51	18°54	F 10
S 11	11 14 49	20°25'24	3♌ 4	1°53	5°58	22°55	8°17	14°47	11°22	23°18	28°20	7°R 2	5°31	9°58	18°58	S 11
S 12	11 18 46	21°25'22	16° 2	1°38	7° 6	23°40	8° 9	14°43	11°24	23°20	28°20	7° 1	5°28	10° 5	19° 2	S 12
M13	11 22 42	22°25'19	28°47	1°29	8°14	24°25	8° 2	14°39	11°25	23°21	28°D20	6°59	5°25	10°11	19° 6	M13
T 14	11 26 39	23°25'13	11♍22	1°D27	9°22	25° 9	7°54	14°35	11°27	23°22	28°20	6°55	5°22	10°18	19°10	T 14
W15	11 30 36	24°25'05	23°47	1°31	10°31	25°54	7°47	14°31	11°29	23°24	28°20	6°48	5°18	10°25	19°14	W15
T 16	11 34 32	25°24'56	6♎ 2	1°41	11°39	26°38	7°40	14°27	11°30	23°25	28°20	6°39	5°15	10°32	19°19	T 16
F 17	11 38 29	26°24'44	18°10	1°56	12°48	27°22	7°33	14°22	11°32	23°26	28°20	6°30	5°12	10°38	19°22	F 17
S 18	11 42 25	27°24'31	0♏ 9	2°17	13°57	28° 7	7°26	14°18	11°33	23°28	28°20	6°20	5° 9	10°45	19°26	S 18
S 19	11 46 22	28°24'16	12° 4	2°43	15° 6	28°51	7°19	14°14	11°35	23°29	28°21	6°11	5° 6	10°52	19°30	S 19
M20	11 50 18	29°23'59	23°56	3°13	16°15	29°35	7°12	14° 9	11°36	23°30	28°21	6° 3	5° 2	10°58	19°34	M20
T 21	11 54 15	0♈23'41	5♐48	3°48	17°24	0♉19	7° 5	14° 5	11°38	23°31	28°21	5°58	4°59	11° 5	19°38	T 21
W22	11 58 11	1°23'20	17°44	4°27	18°33	1° 4	6°58	14° 0	11°39	23°32	28°21	5°54	4°56	11°12	19°42	W22
T 23	12 2 8	2°22'58	29°50	5°10	19°42	1°48	6°52	13°56	11°40	23°33	28°21	5°D53	4°53	11°19	19°46	T 23
F 24	12 6 5	3°22'35	12♑ 9	5°56	20°52	2°32	6°45	13°51	11°41	23°34	28°22	5°53	4°50	11°25	19°49	F 24
S 25	12 10 1	4°22'09	24°48	6°46	22° 1	3°16	6°39	13°47	11°43	23°36	28°22	5°54	4°47	11°32	19°53	S 25
S 26	12 13 58	5°21'42	7♒50	7°40	23°11	4° 0	6°33	13°42	11°44	23°37	28°22	5°R55	4°43	11°39	19°57	S 26
M27	12 17 54	6°21'13	21°20	8°36	24°21	4°44	6°27	13°37	11°45	23°38	28°22	5°54	4°40	11°46	20° 0	M27
T 28	12 21 51	7°20'42	5♓17	9°35	25°30	5°28	6°21	13°33	11°46	23°38	28°23	5°50	4°37	11°52	20° 4	T 28
W29	12 25 47	8°20'09	19°42	10°36	26°40	6°11	6°15	13°28	11°47	23°39	28°23	5°44	4°34	11°59	20° 7	W29
T 30	12 29 44	9°19'34	4♈30	11°41	27°50	6°55	6°10	13°23	11°48	23°40	28°23	5°36	4°31	12° 6	20°11	T 30
F 31	12 33 40	10♈18'57	19♈33	12♓47	29♒ 0	7♉39	6♍ 4	13♎19	11♑48	23♑41	28♊24	5♒27	4♒27	12♏12	20♒14	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	7s40	4s31	2n55	4s27	3n42	19s13	1n58	5n50	0s16	9n13	1n20	3s37	2n39	23s16	0s18	20s49	0n38	16n31	6s53	18s24	18s45	19s18	9s21	6n18
T 2	7 17	2n 2	3 54	4 53	3 39	19 6	1 54	6 8	0 15	9 16	1 20	3 36	2 39	23 16	0 18	20 49	0 38	16 32	6 53	18 26	18 46	19 20	9 19	6 18
F 3	6 54	8 32	4 38	5 21	3 35	18 58	1 49	6 26	0 14	9 19	1 21	3 34	2 39	23 16	0 18	20 49	0 38	16 32	6 53	18 27	18 46	19 22	9 18	6 18
S 4	6 31	14 34	5 4	5 50	3 28	18 50	1 44	6 44	0 13	9 22	1 21	3 33	2 39	23 15	0 18	20 49	0 38	16 32	6 53	18 28	18 47	19 24	9 16	6 18
S 5	6 8	19 45	5 10	6 19	3 19	18 41	1 39	7 2	0 13	9 25	1 21	3 31	2 40	23 15	0 18	20 48	0 38	16 32	6 53	18 30	18 48	19 27	9 15	6 19
M 6	5 45	23 42	4 56	6 48	3 9	18 31	1 35	7 20	0 12	9 28	1 21	3 29	2 40	23 15	0 18	20 48	0 38	16 32	6 52	18 30	18 49	19 29	9 13	6 19
T 7	5 21	26 6	4 24	7 15	2 58	18 22	1 30	7 37	0 11	9 31	1 21	3 28	2 40	23 15	0 18	20 48	0 38	16 33	6 52	18 31	18 49	19 31	9 12	6 19
W 8	4 58	26 50	3 37	7 42	2 46	18 11	1 25	7 55	0 10	9 34	1 21	3 26	2 40	23 15	0 18	20 47	0 38	16 33	6 52	18 31	18 50	19 33	9 11	6 19
T 9	4 35	25 53	2 38	8 7	2 33	18 0	1 21	8 12	0 10	9 37	1 21	3 25	2 40	23 15	0 18	20 47	0 38	16 33	6 52	18 31	18 51	19 35	9 9	6 19
F 10	4 11	23 27	1 31	8 30	2 19	17 49	1 16	8 30	0 9	9 40	1 21	3 23	2 40	23 15	0 18	20 47	0 38	16 33	6 52	18 30	18 52	19 37	9 8	6 19
S 11	3 47	19 48	0 21	8 51	2 5	17 37	1 11	8 47	0 8	9 42	1 21	3 21	2 41	23 14	0 18	20 47	0 38	16 33	6 51	18 30	18 53	19 39	9 6	6 20
S 12	3 24	15 15	0s48	9 10	1 51	17 25	1 7	9 4	0 7	9 45	1 21	3 20	2 41	23 14	0 18	20 46	0 38	16 34	6 51	18 30	18 53	19 41	9 5	6 20
M13	3 0	10 6	1 55	9 26	1 36	17 12	1 2	9 21	0 7	9 48	1 21	3 18	2 41	23 14	0 19	20 46	0 38	16 34	6 51	18 31	18 54	19 43	9 3	6 20
T 14	2 37	4 36	2 54	9 40	1 22	16 58	0 57	9 38	0 6	9 51	1 21	3 16	2 41	23 14	0 19	20 46	0 39	16 34	6 51	18 32	18 55	19 46	9 2	6 20
W15	2 13	0s58	3 45	9 52	1 8	16 44	0 53	9 55	0 5	9 54	1 21	3 14	2 41	23 14	0 19	20 46	0 39	16 34	6 51	18 34	18 56	19 48	9 1	6 20
T 16	1 49	6 26	4 24	10 2	0 54	16 30	0 48	10 12	0 4	9 56	1 21	3 13	2 41	23 14	0 19	20 46	0 39	16 34	6 50	18 36	18 56	19 50	8 59	6 21
F 17	1 26	11 35	4 51	10 9	0 40	16 15	0 44	10 28	0 4	9 59	1 21	3 11	2 41	23 14	0 19	20 45	0 39	16 35	6 50	18 38	18 57	19 52	8 58	6 21
S 18	1 2	16 15	5 4	10 14	0 27	16 0	0 39	10 45	0 3	10 1	1 21	3 9	2 41	23 14	0 19	20 45	0 39	16 35	6 50	18 41	18 58	19 54	8 56	6 21
S 19	0 38	20 16	5 4	10 17	0 14	15 44	0 35	11 1	0 2	10 4	1 21	3 7	2 42	23 14	0 19	20 45	0 39	16 35	6 50	18 43	18 59	19 56	8 55	6 21
M20	0 14	23 26	4 51	10 18	0 1	15 28	0 31	11 18	0 2	10 7	1 21	3 6	2 42	23 13	0 19	20 45	0 39	16 35	6 49	18 45	18 59	19 58	8 53	6 21
T 21	0n 9	25 37	4 26	10 17	0s11	15 11	0 26	11 34	0 1	10 9	1 21	3 4	2 42	23 13	0 19	20 44	0 39	16 35	6 49	18 46	19 0	20 0	8 52	6 22
W22	0 33	26 39	3 49	10 13	0 23	14 54	0 22	11 50	0 0	10 11	1 21	3 2	2 42	23 13	0 19	20 44	0 39	16 36	6 49	18 47	19 1	20 2	8 51	6 22
T 23	0 57	26 26	3 1	10 8	0 34	14 37	0 18	12 6	0n 1	10 14	1 20	3 0	2 42	23 13	0 19	20 44	0 39	16 36	6 49	18 47	19 2	20 4	8 49	6 22
F 24	1 20	24 55	2 4	10 1	0 45	14 19	0 14	12 22	0 1	10 16	1 20	2 58	2 42	23 13	0 19	20 44	0 39	16 36	6 49	18 47	19 3	20 6	8 48	6 22
S 25	1 44	22 7	0 59	9 52	0 55	14 0	0 10	12 37	0 2	10 18	1 20	2 56	2 42	23 13	0 19	20 44	0 39	16 36	6 48	18 47	19 3	20 8	8 47	6 23
S 26	2 8	18 8	0n10	9 41	1 4	13 42	0 5	12 53	0 3	10 21	1 20	2 55	2 42	23 13	0 19	20 43	0 39	16 36	6 48	18 47	19 4	20 10	8 45	6 23
M27	2 31	13 6	1 21	9 29	1 14	13 22	0 1	13 8	0 3	10 23	1 20	2 53	2 42	23 13	0 19	20 43	0 39	16 37	6 48	18 47	19 5	20 12	8 44	6 23
T 28	2 55	7 14	2 30	9 14	1 22	13 3	0s 3	13 24	0 4	10 25	1 20	2 51	2 42	23 13	0 19	20 43	0 39	16 37	6 48	18 48	19 6	20 14	8 42	6 24
W29	3 18	0 50	3 31	8 59	1 30	12 43	0 6	13 39	0 5	10 27	1 20	2 49	2 42	23 13	0 19	20 43	0 39	16 37	6 48	18 49	19 6	20 16	8 41	6 24
T 30	3 42	5n46	4 20	8 41	1 38	12 23	0 10	13 54	0 5	10 29	1 20	2 47	2 42	23 13	0 19	20 43	0 39	16 37	6 47	18 51	19 7	20 18	8 40	6 24
F 31	4n 5	12n 8	4n51	8s22	1s45	12s 2	0s14	14n 9	0n 6	10n31	1n20	2s45	2n42	23s13	0s19	20s43	0n39	16n37	6s47	18s54	19s 8	20s20	8s38	6n24

Julian Day Number = 2509312.5, Delta T = 127.44 sec
Ecliptic obliquity = 23°25'13, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°57'01, Lahiri = 26°04'02

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2158
geocentric

APRIL 2158 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 37 37	11♈18'19	4♉42	13♓56	0♓10	8♉23	5°R59	13°R14	11♑49	23♑42	28♊24	5°R17	4♒24	12♏19	20♒18	S 1
S 2	12 41 33	12°17'38	19°45	15° 8	1°21	9° 6	5♍54	13♎ 9	11°50	23°43	28°25	5♒ 7	4°21	12°26	20°21	S 2
M 3	12 45 30	13°16'55	4♊34	16°21	2°31	9°50	5°49	13° 5	11°51	23°44	28°25	5° 0	4°18	12°33	20°24	M 3
T 4	12 49 27	14°16'09	19° 3	17°36	3°41	10°34	5°44	13° 0	11°51	23°44	28°26	4°55	4°15	12°39	20°28	T 4
W 5	12 53 23	15°15'22	3♋ 7	18°54	4°51	11°17	5°39	12°55	11°52	23°45	28°26	4°53	4°12	12°46	20°31	W 5
T 6	12 57 20	16°14'32	16°48	20°13	6° 2	12° 1	5°34	12°51	11°52	23°46	28°27	4°D53	4° 8	12°53	20°34	T 6
F 7	13 1 16	17°13'39	0♌ 6	21°34	7°12	12°44	5°30	12°46	11°53	23°46	28°27	4°R53	4° 5	12°59	20°37	F 7
S 8	13 5 13	18°12'45	13° 5	22°57	8°23	13°27	5°26	12°41	11°53	23°47	28°28	4°53	4° 2	13° 6	20°40	S 8
S 9	13 9 9	19°11'48	25°48	24°21	9°33	14°11	5°22	12°37	11°54	23°47	28°28	4°51	3°59	13°13	20°43	S 9
M10	13 13 6	20°10'48	8♍17	25°47	10°44	14°54	5°18	12°32	11°54	23°48	28°29	4°47	3°56	13°20	20°46	M10
T 11	13 17 2	21° 9'47	20°36	27°15	11°55	15°37	5°14	12°28	11°54	23°48	28°30	4°40	3°53	13°26	20°49	T 11
W12	13 20 59	22° 8'43	2♎48	28°45	13° 5	16°20	5°10	12°23	11°55	23°49	28°30	4°30	3°49	13°33	20°52	W12
T 13	13 24 56	23° 7'37	14°52	0♈16	14°16	17° 3	5° 7	12°19	11°55	23°49	28°31	4°18	3°46	13°40	20°55	T 13
F 14	13 28 52	24° 6'29	26°52	1°49	15°27	17°47	5° 4	12°14	11°55	23°50	28°32	4° 4	3°43	13°47	20°57	F 14
S 15	13 32 49	25° 5'19	8♏47	3°24	16°38	18°30	5° 1	12° 9	11°55	23°50	28°32	3°50	3°40	13°53	21° 0	S 15
S 16	13 36 45	26° 4'07	20°40	5° 0	17°49	19°13	4°58	12° 5	11°R55	23°50	28°33	3°36	3°37	14° 0	21° 3	S 16
M17	13 40 42	27° 2'54	2♐31	6°37	19° 0	19°55	4°55	12° 1	11°55	23°51	28°34	3°25	3°33	14° 7	21° 5	M17
T 18	13 44 38	28° 1'39	14°24	8°16	20°11	20°38	4°53	11°56	11°55	23°51	28°35	3°16	3°30	14°13	21° 8	T 18
W19	13 48 35	29° 0'21	26°21	9°57	21°22	21°21	4°51	11°52	11°55	23°51	28°36	3°10	3°27	14°20	21°10	W19
T 20	13 52 31	29°59'03	8♑26	11°40	22°33	22° 4	4°48	11°47	11°55	23°51	28°36	3° 7	3°24	14°27	21°12	T 20
F 21	13 56 28	0♉57'42	20°44	13°24	23°44	22°47	4°47	11°43	11°54	23°52	28°37	3° 5	3°21	14°34	21°15	F 21
S 22	14 0 25	1°56'20	3♒19	15° 9	24°56	23°29	4°45	11°39	11°54	23°52	28°38	3° 5	3°18	14°40	21°17	S 22
S 23	14 4 21	2°54'56	16°16	16°57	26° 7	24°12	4°43	11°35	11°54	23°52	28°39	3° 5	3°14	14°47	21°19	S 23
M24	14 8 18	3°53'30	29°39	18°46	27°18	24°55	4°42	11°31	11°53	23°52	28°40	3° 3	3°11	14°54	21°21	M24
T 25	14 12 14	4°52'03	13♓32	20°36	28°30	25°37	4°41	11°26	11°53	23°52	28°41	3° 0	3° 8	15° 0	21°23	T 25
W26	14 16 11	5°50'34	27°54	22°28	29°41	26°20	4°40	11°22	11°52	23°R52	28°42	2°53	3° 5	15° 7	21°26	W26
T 27	14 20 7	6°49'03	12♈42	24°22	0♈52	27° 2	4°39	11°18	11°52	23°52	28°42	2°45	3° 2	15°14	21°27	T 27
F 28	14 24 4	7°47'31	27°51	26°18	2° 4	27°45	4°38	11°15	11°51	23°52	28°43	2°34	2°59	15°21	21°29	F 28
S 29	14 28 0	8°45'57	13♉10	28°15	3°15	28°27	4°38	11°11	11°51	23°52	28°44	2°23	2°55	15°27	21°31	S 29
S 30	14 31 57	9♉44'21	28♉27	0♉14	4♈27	29♉ 9	4♍37	11♎ 7	11♑50	23♑52	28♊45	2♒13	2♒52	15♏34	21♒33	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n28	17n49	5n 3	8s 2	1s52	11s41	0s18	14n24	0n 7	10n33	1n20	2s43	2n43	23s13	0s19	20s42	0n39	16n38	6s47	18s56	19s 9	20s22	8s37	6n25
S 2	4 51	22 21	4 53	7 40	1 58	11 19	0 22	14 38	0 8	10 35	1 20	2 42	2 43	23 13	0 19	20 42	0 39	16 38	6 47	18 58	19 9	20 24	8 36	6 25
M 3	5 14	25 21	4 24	7 17	2 4	10 58	0 25	14 53	0 8	10 36	1 20	2 40	2 43	23 13	0 19	20 42	0 39	16 38	6 47	19 0	19 10	20 26	8 35	6 25
T 4	5 37	26 35	3 38	6 52	2 9	10 36	0 29	15 7	0 9	10 38	1 19	2 38	2 43	23 12	0 19	20 42	0 39	16 38	6 46	19 1	19 11	20 28	8 33	6 26
W 5	6 0	26 3	2 40	6 26	2 13	10 13	0 32	15 21	0 10	10 40	1 19	2 36	2 43	23 12	0 19	20 42	0 39	16 38	6 46	19 2	19 12	20 30	8 32	6 26
T 6	6 23	23 56	1 34	5 59	2 18	9 51	0 36	15 35	0 10	10 41	1 19	2 34	2 43	23 12	0 19	20 42	0 39	16 39	6 46	19 2	19 12	20 32	8 31	6 26
F 7	6 46	20 31	0 25	5 30	2 21	9 28	0 39	15 49	0 11	10 43	1 19	2 33	2 43	23 12	0 19	20 42	0 39	16 39	6 46	19 2	19 13	20 34	8 29	6 27
S 8	7 8	16 11	0s43	5 0	2 24	9 4	0 42	16 3	0 11	10 44	1 19	2 31	2 43	23 12	0 19	20 42	0 39	16 39	6 46	19 2	19 14	20 36	8 28	6 27
S 9	7 31	11 13	1 48	4 29	2 27	8 41	0 45	16 16	0 12	10 46	1 19	2 29	2 43	23 12	0 19	20 41	0 39	16 39	6 46	19 2	19 15	20 38	8 27	6 27
M10	7 53	5 52	2 47	3 57	2 29	8 17	0 49	16 30	0 13	10 47	1 19	2 27	2 43	23 12	0 19	20 41	0 39	16 39	6 45	19 3	19 15	20 40	8 26	6 27
T 11	8 15	0 24	3 37	3 24	2 31	7 53	0 52	16 43	0 13	10 48	1 19	2 25	2 43	23 12	0 19	20 41	0 39	16 40	6 45	19 5	19 16	20 42	8 25	6 28
W12	8 37	5s 1	4 16	2 49	2 32	7 29	0 55	16 56	0 14	10 49	1 19	2 24	2 43	23 12	0 19	20 41	0 39	16 40	6 45	19 7	19 17	20 44	8 23	6 28
T 13	8 59	10 12	4 43	2 13	2 32	7 4	0 58	17 9	0 15	10 51	1 18	2 22	2 43	23 12	0 19	20 41	0 39	16 40	6 45	19 10	19 18	20 46	8 22	6 29
F 14	9 21	14 58	4 57	1 37	2 32	6 39	1 0	17 22	0 15	10 52	1 18	2 20	2 42	23 12	0 19	20 41	0 39	16 40	6 45	19 13	19 18	20 47	8 21	6 29
S 15	9 42	19 7	4 59	0 59	2 32	6 14	1 3	17 34	0 16	10 53	1 18	2 18	2 42	23 12	0 19	20 41	0 39	16 40	6 44	19 17	19 19	20 49	8 20	6 29
S 16	10 4	22 30	4 47	0 20	2 31	5 49	1 6	17 47	0 17	10 54	1 18	2 17	2 42	23 12	0 19	20 41	0 39	16 41	6 44	19 20	19 20	20 51	8 19	6 30
M17	10 25	24 56	4 23	0n20	2 30	5 24	1 8	17 59	0 17	10 54	1 18	2 15	2 42	23 12	0 19	20 41	0 39	16 41	6 44	19 23	19 21	20 53	8 18	6 30
T 18	10 46	26 16	3 47	1 1	2 28	4 58	1 11	18 11	0 18	10 55	1 18	2 13	2 42	23 13	0 19	20 41	0 39	16 41	6 44	19 25	19 21	20 55	8 16	6 30
W19	11 7	26 23	3 1	1 43	2 25	4 33	1 13	18 23	0 18	10 56	1 18	2 12	2 42	23 13	0 19	20 41	0 39	16 41	6 44	19 26	19 22	20 57	8 15	6 31
T 20	11 27	25 15	2 6	2 25	2 22	4 7	1 16	18 35	0 19	10 56	1 17	2 10	2 42	23 13	0 19	20 41	0 39	16 41	6 44	19 27	19 23	20 59	8 14	6 31
F 21	11 48	22 53	1 5	3 9	2 19	3 41	1 18	18 46	0 20	10 57	1 17	2 9	2 42	23 13	0 19	20 41	0 39	16 41	6 43	19 27	19 24	21 1	8 13	6 31
S 22	12 8	19 23	0n 1	3 54	2 15	3 14	1 20	18 57	0 20	10 58	1 17	2 7	2 42	23 13	0 20	20 41	0 39	16 42	6 43	19 27	19 24	21 3	8 12	6 32
S 23	12 28	14 51	1 9	4 39	2 10	2 48	1 22	19 9	0 21	10 58	1 17	2 5	2 42	23 13	0 20	20 41	0 39	16 42	6 43	19 27	19 25	21 4	8 11	6 32
M24	12 48	9 28	2 15	5 25	2 5	2 21	1 24	19 20	0 21	10 58	1 17	2 4	2 42	23 13	0 20	20 40	0 39	16 42	6 43	19 28	19 26	21 6	8 10	6 33
T 25	13 8	3 27	3 16	6 11	2 0	1 55	1 26	19 30	0 22	10 59	1 17	2 2	2 42	23 13	0 20	20 40	0 39	16 42	6 43	19 28	19 26	21 8	8 9	6 33
W26	13 28	2n56	4 7	6 59	1 54	1 28	1 28	19 41	0 23	10 59	1 16	2 1	2 42	23 13	0 20	20 40	0 39	16 42	6 42	19 30	19 27	21 10	8 8	6 33
T 27	13 47	9 21	4 42	7 46	1 47	1 1	1 30	19 51	0 23	10 59	1 16	2 0	2 41	23 13	0 20	20 40	0 39	16 43	6 42	19 32	19 28	21 12	8 7	6 34
F 28	14 6	15 21	4 59	8 35	1 40	0 35	1 31	20 2	0 24	10 59	1 16	1 58	2 41	23 13	0 20	20 40	0 39	16 43	6 42	19 34	19 29	21 14	8 6	6 34
S 29	14 25	20 28	4 55	9 24	1 33	0 8	1 33	20 12	0 24	10 59	1 16	1 57	2 41	23 13	0 20	20 40	0 39	16 43	6 42	19 37	19 29	21 15	8 5	6 34
S 30	14n43	24n11	4n30	10n13	1s25	0n19	1s34	20n22	0n25	10n59	1n16	1s55	2n41	23s13	0s20	20s40	0n39	16n43	6s42	19s39	19s30	21s17	8s 4	6n35

Julian Day Number = 2509343.5, Delta T = 127.50 sec
Ecliptic obliquity = 23°25'13, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°57'06, Lahiri = 26°04'06

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2158
geocentric

MAY 2158 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 35 54	10♉42'44	13♊32	2♉14	5♈38	29♉52	4°D37	11°R 3	11°R49	23°R52	28♊46	2°R 4	2♒49	15♏41	21♒35	M 1
T 2	14 39 50	11°41'04	28°15	4°16	6°50	0♊34	4♍37	10♎59	11♑48	23♑51	28°47	1♒58	2°46	15°48	21°36	T 2
W 3	14 43 47	12°39'22	12♋32	6°19	8° 2	1°16	4°38	10°56	11°48	23°51	28°48	1°55	2°43	15°54	21°38	W 3
T 4	14 47 43	13°37'39	26°21	8°24	9°13	1°58	4°38	10°52	11°47	23°51	28°50	1°D54	2°39	16° 1	21°40	T 4
F 5	14 51 40	14°35'53	9♌44	10°30	10°25	2°40	4°39	10°49	11°46	23°51	28°51	1°R54	2°36	16° 8	21°41	F 5
S 6	14 55 36	15°34'05	22°42	12°37	11°37	3°22	4°40	10°45	11°45	23°50	28°52	1°54	2°33	16°14	21°42	S 6
S 7	14 59 33	16°32'15	5♍20	14°45	12°48	4° 4	4°41	10°42	11°44	23°50	28°53	1°53	2°30	16°21	21°44	S 7
M 8	15 3 29	17°30'23	17°43	16°54	14° 0	4°46	4°42	10°39	11°43	23°50	28°54	1°49	2°27	16°28	21°45	M 8
T 9	15 7 26	18°28'29	29°54	19° 4	15°12	5°28	4°43	10°35	11°42	23°49	28°55	1°43	2°24	16°35	21°46	T 9
W10	15 11 23	19°26'33	11♎56	21°14	16°24	6°10	4°45	10°32	11°41	23°49	28°56	1°34	2°20	16°41	21°47	W10
T 11	15 15 19	20°24'35	23°53	23°25	17°35	6°52	4°47	10°29	11°39	23°48	28°57	1°23	2°17	16°48	21°48	T 11
F 12	15 19 16	21°22'36	5♏47	25°35	18°47	7°34	4°48	10°26	11°38	23°48	28°58	1°11	2°14	16°55	21°49	F 12
S 13	15 23 12	22°20'35	17°40	27°45	19°59	8°16	4°51	10°23	11°37	23°47	29° 0	0°58	2°11	17° 1	21°50	S 13
S 14	15 27 9	23°18'33	29°32	29°54	21°11	8°57	4°53	10°21	11°36	23°47	29° 1	0°46	2° 8	17° 8	21°51	S 14
M15	15 31 5	24°16'29	11♐26	2♊ 2	22°23	9°39	4°55	10°18	11°34	23°46	29° 2	0°35	2° 5	17°15	21°52	M15
T 16	15 35 2	25°14'23	23°23	4°10	23°35	10°20	4°58	10°15	11°33	23°45	29° 3	0°27	2° 1	17°22	21°53	T 16
W17	15 38 58	26°12'16	5♑26	6°15	24°47	11° 2	5° 1	10°13	11°31	23°45	29° 4	0°22	1°58	17°28	21°54	W17
T 18	15 42 55	27°10'08	17°36	8°19	25°59	11°44	5° 4	10°10	11°30	23°44	29° 6	0°19	1°55	17°35	21°54	T 18
F 19	15 46 52	28° 7'59	29°58	10°21	27°11	12°25	5° 7	10° 8	11°28	23°43	29° 7	0°D18	1°52	17°42	21°55	F 19
S 20	15 50 48	29° 5'48	12♒34	12°21	28°23	13° 6	5°10	10° 6	11°27	23°43	29° 8	0°18	1°49	17°48	21°55	S 20
S 21	15 54 45	0♊ 3'36	25°30	14°18	29°35	13°48	5°14	10° 4	11°25	23°42	29° 9	0°R19	1°45	17°55	21°56	S 21
M22	15 58 41	1° 1'23	8♓49	16°13	0♉47	14°29	5°17	10° 1	11°24	23°41	29°11	0°19	1°42	18° 2	21°56	M22
T 23	16 2 38	1°59'09	22°34	18° 5	1°59	15°10	5°21	9°59	11°22	23°40	29°12	0°17	1°39	18° 9	21°56	T 23
W24	16 6 34	2°56'54	6♈45	19°54	3°11	15°52	5°25	9°58	11°20	23°39	29°13	0°13	1°36	18°15	21°57	W24
T 25	16 10 31	3°54'37	21°23	21°41	4°23	16°33	5°29	9°56	11°19	23°38	29°15	0° 7	1°33	18°22	21°57	T 25
F 26	16 14 27	4°52'20	6♉21	23°24	5°35	17°14	5°33	9°54	11°17	23°38	29°16	29♑59	1°30	18°29	21°57	F 26
S 27	16 18 24	5°50'02	21°33	25° 5	6°48	17°55	5°38	9°52	11°15	23°37	29°17	29°51	1°26	18°35	21°R57	S 27
S 28	16 22 21	6°47'42	6♊47	26°42	8° 0	18°36	5°42	9°51	11°13	23°36	29°19	29°44	1°23	18°42	21°57	S 28
M29	16 26 17	7°45'22	21°53	28°17	9°12	19°17	5°47	9°49	11°11	23°35	29°20	29°37	1°20	18°49	21°57	M29
T 30	16 30 14	8°43'00	6♋43	29°48	10°24	19°58	5°52	9°48	11° 9	23°34	29°21	29°33	1°17	18°56	21°57	T 30
W31	16 34 10	9♊40'37	21♋ 7	1♋16	11♉36	20♊39	5♍57	9♎47	11♑ 7	23♑33	29♊23	29♑31	1♒14	19♏ 2	21♒56	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	15n 2	26n 8	3n46	11n 2	1s17	0n46	1s36	20n31	0n26	10n59	1n16	1s54	2n41	23s13	0s20	20s40	0n39	16n43	6s42	19s41	19s31	21s19	8s 3	6n35
T 2	15 20	26 12	2 48	11 52	1 8	1 13	1 37	20 41	0 26	10 59	1 15	1 53	2 41	23 13	0 20	20 41	0 39	16 43	6 42	19 42	19 32	21 21	8 2	6 36
W 3	15 37	24 30	1 41	12 41	0 59	1 40	1 38	20 50	0 27	10 58	1 15	1 51	2 41	23 14	0 20	20 41	0 39	16 44	6 41	19 43	19 32	21 23	8 1	6 36
T 4	15 55	21 21	0 29	13 31	0 50	2 7	1 40	20 59	0 27	10 58	1 15	1 50	2 41	23 14	0 20	20 41	0 39	16 44	6 41	19 43	19 33	21 24	8 1	6 37
F 5	16 12	17 8	0s41	14 20	0 40	2 35	1 41	21 8	0 28	10 58	1 15	1 49	2 40	23 14	0 20	20 41	0 39	16 44	6 41	19 43	19 34	21 26	8 0	6 37
S 6	16 29	12 14	1 48	15 8	0 30	3 2	1 42	21 17	0 28	10 57	1 15	1 48	2 40	23 14	0 20	20 41	0 39	16 44	6 41	19 43	19 34	21 28	7 59	6 37
S 7	16 46	6 57	2 47	15 56	0 20	3 29	1 43	21 25	0 29	10 57	1 15	1 47	2 40	23 14	0 20	20 41	0 39	16 44	6 41	19 44	19 35	21 30	7 58	6 38
M 8	17 3	1 31	3 37	16 44	0 9	3 56	1 43	21 33	0 29	10 56	1 14	1 45	2 40	23 14	0 20	20 41	0 39	16 44	6 41	19 44	19 36	21 32	7 57	6 38
T 9	17 19	3s53	4 17	17 30	0n 1	4 23	1 44	21 41	0 30	10 55	1 14	1 44	2 40	23 14	0 20	20 41	0 39	16 45	6 40	19 46	19 37	21 33	7 56	6 39
W10	17 35	9 4	4 44	18 15	0 12	4 50	1 45	21 49	0 31	10 55	1 14	1 43	2 40	23 14	0 20	20 41	0 39	16 45	6 40	19 48	19 37	21 35	7 56	6 39
T 11	17 50	13 53	4 59	18 58	0 22	5 16	1 45	21 57	0 31	10 54	1 14	1 42	2 40	23 14	0 20	20 41	0 39	16 45	6 40	19 50	19 38	21 37	7 55	6 39
F 12	18 5	18 9	5 0	19 40	0 33	5 43	1 46	22 4	0 32	10 53	1 14	1 41	2 39	23 15	0 20	20 41	0 39	16 45	6 40	19 53	19 39	21 39	7 54	6 40
S 13	18 20	21 42	4 49	20 21	0 43	6 10	1 46	22 12	0 32	10 52	1 14	1 40	2 39	23 15	0 20	20 41	0 39	16 45	6 40	19 56	19 39	21 40	7 54	6 40
S 14	18 35	24 21	4 25	20 59	0 53	6 37	1 47	22 19	0 33	10 51	1 13	1 39	2 39	23 15	0 20	20 41	0 39	16 45	6 40	19 58	19 40	21 42	7 53	6 41
M15	18 49	25 55	3 49	21 35	1 3	7 3	1 47	22 26	0 33	10 50	1 13	1 38	2 39	23 15	0 20	20 41	0 39	16 45	6 40	20 1	19 41	21 44	7 52	6 41
T 16	19 4	26 18	3 3	22 9	1 12	7 29	1 47	22 32	0 34	10 49	1 13	1 38	2 39	23 15	0 20	20 41	0 39	16 46	6 39	20 2	19 42	21 45	7 52	6 41
W17	19 17	25 27	2 8	22 40	1 21	7 56	1 47	22 39	0 34	10 48	1 13	1 37	2 38	23 15	0 20	20 41	0 39	16 46	6 39	20 3	19 42	21 47	7 51	6 42
T 18	19 31	23 22	1 7	23 9	1 29	8 22	1 47	22 45	0 35	10 47	1 13	1 36	2 38	23 15	0 20	20 42	0 39	16 46	6 39	20 4	19 43	21 49	7 50	6 42
F 19	19 44	20 10	0 2	23 35	1 37	8 48	1 47	22 51	0 35	10 45	1 13	1 35	2 38	23 16	0 20	20 42	0 39	16 46	6 39	20 4	19 44	21 51	7 50	6 43
S 20	19 56	15 59	1n 5	23 59	1 44	9 13	1 47	22 57	0 36	10 44	1 12	1 34	2 38	23 16	0 20	20 42	0 39	16 46	6 39	20 4	19 44	21 52	7 49	6 43
S 21	20 9	10 58	2 10	24 20	1 51	9 39	1 47	23 2	0 36	10 42	1 12	1 34	2 38	23 16	0 20	20 42	0 39	16 46	6 39	20 4	19 45	21 54	7 49	6 44
M22	20 21	5 19	3 11	24 38	1 56	10 4	1 46	23 8	0 37	10 41	1 12	1 33	2 37	23 16	0 20	20 42	0 39	16 46	6 39	20 4	19 46	21 56	7 48	6 44
T 23	20 33	0n45	4 2	24 54	2 1	10 30	1 46	23 13	0 37	10 39	1 12	1 33	2 37	23 16	0 20	20 42	0 39	16 46	6 39	20 4	19 47	21 57	7 48	6 44
W24	20 44	6 58	4 40	25 7	2 6	10 55	1 46	23 18	0 38	10 38	1 12	1 32	2 37	23 16	0 20	20 42	0 39	16 47	6 39	20 5	19 47	21 59	7 47	6 45
T 25	20 55	12 59	5 2	25 18	2 9	11 19	1 45	23 22	0 38	10 36	1 12	1 32	2 37	23 17	0 20	20 42	0 39	16 47	6 38	20 7	19 48	22 1	7 47	6 45
F 26	21 5	18 24	5 3	25 27	2 12	11 44	1 44	23 27	0 39	10 34	1 11	1 31	2 37	23 17	0 20	20 43	0 39	16 47	6 38	20 8	19 49	22 2	7 46	6 46
S 27	21 16	22 42	4 44	25 33	2 13	12 8	1 44	23 31	0 39	10 33	1 11	1 31	2 36	23 17	0 20	20 43	0 39	16 47	6 38	20 10	19 49	22 4	7 46	6 46
S 28	21 26	25 26	4 4	25 37	2 14	12 32	1 43	23 35	0 40	10 31	1 11	1 30	2 36	23 17	0 20	20 43	0 39	16 47	6 38	20 11	19 50	22 6	7 46	6 47
M29	21 35	26 18	3 8	25 39	2 15	12 56	1 42	23 39	0 40	10 29	1 11	1 30	2 36	23 17	0 20	20 43	0 39	16 47	6 38	20 13	19 51	22 7	7 45	6 47
T 30	21 44	25 14	2 0	25 39	2 14	13 20	1 41	23 43	0 40	10 27	1 11	1 30	2 36	23 17	0 20	20 43	0 39	16 47	6 38	20 14	19 51	22 9	7 45	6 47
W31	21n53	22n30	0n45	25n37	2n12	13n43	1s40	23n46	0n41	10n25	1n11	1s29	2n35	23s18	0s20	20s43	0n39	16n47	6s38	20s14	19s52	22s10	7s45	6n48

Julian Day Number = 2509373.5, Delta T = 127.56 sec
Ecliptic obliquity = 23°25'12, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°57'10, Lahiri = 26°04'10

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2158
geocentric

JUNE 2158 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 38 7	10♊38'12	5♌ 5	2♋41	12♉49	21♊20	6♍ 2	9°R46	11°R 6	23°R32	29♊24	29°D31	1♒11	19♏ 9	21°R56	T 1
F 2	16 42 3	11°35'46	18°34	4° 2	14° 1	22° 1	6° 8	9♎45	11♑ 4	23♑31	29°25	29♑32	1° 7	19°16	21♒56	F 2
S 3	16 46 0	12°33'18	1♍38	5°20	15°13	22°42	6°13	9°44	11° 2	23°29	29°27	29°33	1° 4	19°23	21°55	S 3
S 4	16 49 57	13°30'49	14°19	6°35	16°26	23°23	6°19	9°43	10°59	23°28	29°28	29°R34	1° 1	19°29	21°55	S 4
M 5	16 53 53	14°28'19	26°42	7°47	17°38	24° 4	6°25	9°42	10°57	23°27	29°29	29°33	0°58	19°36	21°54	M 5
T 6	16 57 50	15°25'48	8♎51	8°55	18°50	24°44	6°31	9°42	10°55	23°26	29°31	29°30	0°55	19°43	21°53	T 6
W 7	17 1 46	16°23'15	20°51	9°59	20° 3	25°25	6°37	9°41	10°53	23°25	29°32	29°26	0°51	19°49	21°53	W 7
T 8	17 5 43	17°20'41	2♏45	11° 0	21°15	26° 6	6°43	9°41	10°51	23°24	29°34	29°20	0°48	19°56	21°52	T 8
F 9	17 9 39	18°18'06	14°37	11°58	22°27	26°46	6°50	9°40	10°49	23°22	29°35	29°13	0°45	20° 3	21°51	F 9
S 10	17 13 36	19°15'30	26°29	12°51	23°40	27°27	6°56	9°40	10°47	23°21	29°36	29° 5	0°42	20°10	21°50	S 10
S 11	17 17 32	20°12'53	8♐24	13°41	24°52	28° 7	7° 3	9°40	10°44	23°20	29°38	28°58	0°39	20°16	21°49	S 11
M12	17 21 29	21°10'15	20°23	14°27	26° 5	28°48	7°10	9°D40	10°42	23°18	29°39	28°52	0°36	20°23	21°48	M12
T 13	17 25 26	22° 7'37	2♑28	15° 8	27°17	29°28	7°17	9°40	10°40	23°17	29°41	28°48	0°32	20°30	21°47	T 13
W14	17 29 22	23° 4'58	14°41	15°46	28°30	0♋ 9	7°24	9°40	10°38	23°16	29°42	28°45	0°29	20°36	21°46	W14
T 15	17 33 19	24° 2'18	27° 3	16°20	29°42	0°49	7°31	9°40	10°35	23°15	29°44	28°D44	0°26	20°43	21°45	T 15
F 16	17 37 15	24°59'37	9♒37	16°49	0♊55	1°29	7°38	9°41	10°33	23°13	29°45	28°45	0°23	20°50	21°44	F 16
S 17	17 41 12	25°56'56	22°24	17°14	2° 7	2°10	7°46	9°41	10°31	23°12	29°46	28°46	0°20	20°57	21°42	S 17
S 18	17 45 8	26°54'15	5♓27	17°34	3°20	2°50	7°53	9°42	10°28	23°10	29°48	28°47	0°17	21° 3	21°41	S 18
M19	17 49 5	27°51'33	18°48	17°50	4°33	3°30	8° 1	9°42	10°26	23° 9	29°49	28°49	0°13	21°10	21°39	M19
T 20	17 53 1	28°48'51	2♈30	18° 2	5°45	4°10	8° 9	9°43	10°24	23° 8	29°51	28°R49	0°10	21°17	21°38	T 20
W21	17 56 58	29°46'08	16°33	18° 8	6°58	4°50	8°17	9°44	10°21	23° 6	29°52	28°48	0° 7	21°23	21°36	W21
T 22	18 0 55	0♋43'25	0♉56	18°R11	8°11	5°30	8°25	9°45	10°19	23° 5	29°54	28°46	0° 4	21°30	21°35	T 22
F 23	18 4 51	1°40'43	15°36	18° 9	9°23	6°11	8°33	9°46	10°17	23° 3	29°55	28°43	0° 1	21°37	21°33	F 23
S 24	18 8 48	2°38'00	0♊28	18° 2	10°36	6°51	8°41	9°47	10°14	23° 2	29°56	28°39	29♑57	21°44	21°31	S 24
S 25	18 12 44	3°35'16	15°24	17°51	11°49	7°31	8°50	9°48	10°12	23° 0	29°58	28°36	29°54	21°50	21°30	S 25
M26	18 16 41	4°32'33	0♋16	17°36	13° 2	8°11	8°58	9°50	10° 9	22°59	29°59	28°33	29°51	21°57	21°28	M26
T 27	18 20 37	5°29'49	14°56	17°17	14°14	8°51	9° 7	9°51	10° 7	22°57	0♋ 1	28°31	29°48	22° 4	21°26	T 27
W28	18 24 34	6°27'05	29°18	16°54	15°27	9°31	9°15	9°53	10° 5	22°56	0° 2	28°D31	29°45	22°10	21°24	W28
T 29	18 28 30	7°24'20	13♌16	16°28	16°40	10°10	9°24	9°55	10° 2	22°54	0° 4	28°31	29°42	22°17	21°22	T 29
F 30	18 32 27	8♋21'35	26♌49	15♋59	17♊53	10♋50	9♍33	9♎56	10♑ 0	22♑53	0♋ 5	28♑33	29♑38	22♏24	21♒20	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n 1	18n30	0s30	25n34	2n10	14n 6	1s39	23n50	0n41	10n23	1n10	1s29	2n35	23s18	0s20	20s44	0n39	16n47	6s38	20s14	19s53	22s12	7s44	6n48
F 2	22 9	13 39	1 41	25 28	2 7	14 28	1 38	23 53	0 42	10 21	1 10	1 29	2 35	23 18	0 20	20 44	0 39	16 48	6 38	20 14	19 54	22 14	7 44	6 49
S 3	22 17	8 20	2 44	25 22	2 3	14 50	1 37	23 55	0 42	10 18	1 10	1 29	2 35	23 18	0 20	20 44	0 39	16 48	6 37	20 14	19 54	22 15	7 44	6 49
S 4	22 24	2 49	3 38	25 14	1 58	15 12	1 36	23 58	0 43	10 16	1 10	1 29	2 35	23 18	0 20	20 44	0 39	16 48	6 37	20 14	19 55	22 17	7 44	6 49
M 5	22 31	2s40	4 20	25 4	1 53	15 34	1 35	24 0	0 43	10 14	1 10	1 28	2 34	23 19	0 20	20 44	0 39	16 48	6 37	20 14	19 56	22 19	7 43	6 50
T 6	22 37	7 56	4 49	24 53	1 46	15 55	1 33	24 3	0 44	10 12	1 10	1 28	2 34	23 19	0 20	20 45	0 39	16 48	6 37	20 14	19 56	22 20	7 43	6 50
W 7	22 43	12 50	5 5	24 42	1 39	16 16	1 32	24 4	0 44	10 9	1 10	1 28	2 34	23 19	0 21	20 45	0 39	16 48	6 37	20 15	19 57	22 22	7 43	6 51
T 8	22 49	17 14	5 8	24 29	1 31	16 36	1 30	24 6	0 44	10 7	1 9	1 29	2 34	23 19	0 21	20 45	0 39	16 48	6 37	20 16	19 58	22 23	7 43	6 51
F 9	22 54	20 57	4 58	24 15	1 22	16 56	1 29	24 8	0 45	10 4	1 9	1 29	2 33	23 19	0 21	20 45	0 39	16 48	6 37	20 18	19 58	22 25	7 43	6 51
S 10	22 59	23 48	4 35	24 1	1 13	17 16	1 27	24 9	0 45	10 2	1 9	1 29	2 33	23 19	0 21	20 45	0 39	16 48	6 37	20 19	19 59	22 26	7 43	6 52
S 11	23 4	25 37	3 59	23 45	1 3	17 35	1 26	24 10	0 46	9 59	1 9	1 29	2 33	23 20	0 21	20 46	0 39	16 48	6 37	20 21	20 0	22 28	7 43	6 52
M12	23 8	26 17	3 13	23 30	0 52	17 54	1 24	24 11	0 46	9 56	1 9	1 29	2 33	23 20	0 21	20 46	0 39	16 48	6 37	20 22	20 0	22 30	7 43	6 53
T 13	23 11	25 42	2 18	23 13	0 40	18 12	1 22	24 12	0 47	9 54	1 9	1 29	2 32	23 20	0 21	20 46	0 39	16 48	6 37	20 23	20 1	22 31	7 43	6 53
W14	23 14	23 52	1 16	22 57	0 28	18 30	1 20	24 12	0 47	9 51	1 8	1 30	2 32	23 20	0 21	20 46	0 39	16 49	6 37	20 24	20 2	22 33	7 43	6 53
T 15	23 17	20 53	0 9	22 40	0 15	18 48	1 19	24 12	0 47	9 48	1 8	1 30	2 32	23 20	0 21	20 46	0 39	16 49	6 37	20 24	20 2	22 34	7 43	6 54
F 16	23 20	16 53	0n59	22 23	0 1	19 4	1 17	24 13	0 48	9 45	1 8	1 30	2 32	23 21	0 21	20 47	0 39	16 49	6 37	20 24	20 3	22 36	7 43	6 54
S 17	23 21	12 3	2 6	22 5	0s13	19 21	1 15	24 12	0 48	9 42	1 8	1 31	2 31	23 21	0 21	20 47	0 39	16 49	6 36	20 23	20 4	22 37	7 43	6 54
S 18	23 23	6 36	3 7	21 48	0 28	19 37	1 13	24 12	0 49	9 39	1 8	1 31	2 31	23 21	0 21	20 47	0 39	16 49	6 36	20 23	20 5	22 39	7 43	6 55
M19	23 24	0 44	4 0	21 31	0 43	19 52	1 11	24 11	0 49	9 36	1 8	1 32	2 31	23 21	0 21	20 47	0 39	16 49	6 36	20 23	20 5	22 40	7 43	6 55
T 20	23 25	5n17	4 41	21 14	0 59	20 7	1 9	24 11	0 49	9 33	1 8	1 32	2 31	23 21	0 21	20 48	0 39	16 49	6 36	20 23	20 6	22 42	7 43	6 56
W21	23 25	11 12	5 6	20 57	1 15	20 22	1 7	24 10	0 50	9 30	1 8	1 33	2 30	23 22	0 21	20 48	0 39	16 49	6 36	20 23	20 7	22 43	7 43	6 56
T 22	23 25	16 40	5 13	20 41	1 32	20 36	1 4	24 8	0 50	9 27	1 7	1 33	2 30	23 22	0 21	20 48	0 39	16 49	6 36	20 23	20 7	22 45	7 43	6 56
F 23	23 25	21 16	5 0	20 24	1 48	20 49	1 2	24 7	0 51	9 24	1 7	1 34	2 30	23 22	0 21	20 48	0 39	16 49	6 36	20 24	20 8	22 46	7 44	6 57
S 24	23 24	24 34	4 26	20 9	2 4	21 2	1 0	24 5	0 51	9 21	1 7	1 35	2 30	23 22	0 21	20 49	0 39	16 49	6 36	20 25	20 9	22 48	7 44	6 57
S 25	23 22	26 11	3 35	19 54	2 21	21 14	0 58	24 4	0 51	9 17	1 7	1 35	2 30	23 22	0 21	20 49	0 39	16 49	6 36	20 26	20 9	22 49	7 44	6 57
M26	23 21	25 54	2 29	19 40	2 37	21 25	0 56	24 2	0 52	9 14	1 7	1 36	2 29	23 23	0 21	20 49	0 39	16 49	6 36	20 26	20 10	22 51	7 44	6 58
T 27	23 18	23 49	1 14	19 26	2 53	21 36	0 53	23 59	0 52	9 11	1 7	1 37	2 29	23 23	0 21	20 49	0 39	16 49	6 36	20 26	20 11	22 52	7 45	6 58
W28	23 16	20 13	0s 4	19 14	3 9	21 47	0 51	23 57	0 52	9 7	1 7	1 38	2 29	23 23	0 21	20 50	0 39	16 49	6 36	20 26	20 11	22 53	7 45	6 58
T 29	23 13	15 32	1 20	19 2	3 24	21 57	0 49	23 54	0 53	9 4	1 7	1 39	2 29	23 23	0 21	20 50	0 39	16 49	6 36	20 26	20 12	22 55	7 45	6 58
F 30	23n 9	10n13	2s30	18n52	3s38	22n 6	0s46	23n52	0n53	9n 0	1n 6	1s40	2n28	23s23	0s21	20s50	0n39	16n49	6s36	20s26	20s13	22s56	7s46	6n59

Julian Day Number = 2509404.5, Delta T = 127.62 sec
Ecliptic obliquity = 23°25'12, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°57'14, Lahiri = 26°04'14

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2158
geocentric

JULY 2158 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 36 24	9♋18'49	9♍57	15°R27	19♊ 6	11♋30	9♍42	9♎58	9°R57	22°R51	0♋ 6	28♑34	29♑35	22♏31	21°R18	S 1
S 2	18 40 20	10°16'03	22°42	14♋53	20°19	12°10	9°51	10° 0	9♑55	22♑49	0° 8	28°35	29°32	22°37	21♒16	S 2
M 3	18 44 17	11°13'16	5♎ 8	14°18	21°31	12°50	10° 1	10° 2	9°52	22°48	0° 9	28°36	29°29	22°44	21°13	M 3
T 4	18 48 13	12°10'29	17°19	13°42	22°44	13°29	10°10	10° 4	9°50	22°46	0°11	28°R36	29°26	22°51	21°11	T 4
W 5	18 52 10	13° 7'41	29°20	13° 5	23°57	14° 9	10°20	10° 7	9°47	22°45	0°12	28°35	29°23	22°57	21° 9	W 5
T 6	18 56 6	14° 4'54	11♏14	12°29	25°10	14°49	10°29	10° 9	9°45	22°43	0°13	28°34	29°19	23° 4	21° 7	T 6
F 7	19 0 3	15° 2'06	23° 6	11°54	26°23	15°28	10°39	10°11	9°43	22°41	0°15	28°32	29°16	23°11	21° 4	F 7
S 8	19 3 59	15°59'17	5♐ 0	11°21	27°36	16° 8	10°48	10°14	9°40	22°40	0°16	28°30	29°13	23°18	21° 2	S 8
S 9	19 7 56	16°56'29	16°58	10°49	28°49	16°47	10°58	10°16	9°38	22°38	0°18	28°29	29°10	23°24	20°59	S 9
M10	19 11 53	17°53'41	29° 4	10°21	0♋ 2	17°27	11° 8	10°19	9°35	22°37	0°19	28°27	29° 7	23°31	20°57	M10
T 11	19 15 49	18°50'52	11♑20	9°55	1°15	18° 6	11°18	10°22	9°33	22°35	0°20	28°26	29° 3	23°38	20°54	T 11
W12	19 19 46	19°48'04	23°47	9°33	2°29	18°46	11°28	10°25	9°31	22°33	0°22	28°D26	29° 0	23°44	20°52	W12
T 13	19 23 42	20°45'15	6♒27	9°16	3°42	19°25	11°39	10°28	9°28	22°32	0°23	28°26	28°57	23°51	20°49	T 13
F 14	19 27 39	21°42'27	19°19	9° 3	4°55	20° 5	11°49	10°31	9°26	22°30	0°24	28°26	28°54	23°58	20°46	F 14
S 15	19 31 35	22°39'40	2♓25	8°54	6° 8	20°44	11°59	10°34	9°24	22°28	0°26	28°27	28°51	24° 4	20°44	S 15
S 16	19 35 32	23°36'52	15°45	8°D51	7°21	21°23	12°10	10°37	9°21	22°27	0°27	28°27	28°48	24°11	20°41	S 16
M17	19 39 28	24°34'05	29°19	8°52	8°34	22° 3	12°20	10°41	9°19	22°25	0°28	28°28	28°44	24°18	20°38	M17
T 18	19 43 25	25°31'19	13♈ 7	8°59	9°48	22°42	12°31	10°44	9°17	22°24	0°30	28°28	28°41	24°25	20°35	T 18
W19	19 47 22	26°28'33	27° 9	9°12	11° 1	23°21	12°41	10°48	9°14	22°22	0°31	28°R28	28°38	24°31	20°32	W19
T 20	19 51 18	27°25'48	11♉22	9°30	12°14	24° 0	12°52	10°51	9°12	22°20	0°32	28°28	28°35	24°38	20°30	T 20
F 21	19 55 15	28°23'04	25°44	9°53	13°28	24°40	13° 3	10°55	9°10	22°19	0°34	28°D28	28°32	24°45	20°27	F 21
S 22	19 59 11	29°20'21	10♊13	10°23	14°41	25°19	13°14	10°59	9° 8	22°17	0°35	28°28	28°29	24°51	20°24	S 22
S 23	20 3 8	0♌17'38	24°44	10°57	15°54	25°58	13°25	11° 2	9° 5	22°16	0°36	28°28	28°25	24°58	20°21	S 23
M24	20 7 4	1°14'56	9♋11	11°38	17° 8	26°37	13°36	11° 6	9° 3	22°14	0°38	28°28	28°22	25° 5	20°18	M24
T 25	20 11 1	2°12'15	23°30	12°23	18°21	27°16	13°47	11°10	9° 1	22°12	0°39	28°R29	28°19	25°12	20°15	T 25
W26	20 14 58	3° 9'34	7♌35	13°14	19°35	27°55	13°58	11°14	8°59	22°11	0°40	28°29	28°16	25°18	20°12	W26
T 27	20 18 54	4° 6'54	21°23	14°11	20°48	28°34	14° 9	11°19	8°57	22° 9	0°41	28°28	28°13	25°25	20° 9	T 27
F 28	20 22 51	5° 4'14	4♍50	15°13	22° 2	29°13	14°21	11°23	8°55	22° 8	0°42	28°28	28° 9	25°32	20° 6	F 28
S 29	20 26 47	6° 1'34	17°57	16°20	23°15	29°52	14°32	11°27	8°52	22° 6	0°44	28°27	28° 6	25°38	20° 2	S 29
S 30	20 30 44	6°58'55	0♎43	17°32	24°29	0♌31	14°43	11°31	8°50	22° 4	0°45	28°26	28° 3	25°45	19°59	S 30
M31	20 34 40	7♌56'17	13♎11	18♋49	25♋42	1♌10	14♍55	11♎36	8♑48	22♑ 3	0♋46	28♑25	28♑ 0	25♏52	19♒56	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n 6	4n36	3s29	18n42	3s51	22n15	0s44	23n49	0n53	8n57	1n 6	1s41	2n28	23s24	0s21	20s50	0n39	16n49	6s36	20s26	20s13	22s58	7s46	6n59
S 2	23 1	1s 2	4 16	18 33	4 3	22 23	0 41	23 45	0 54	8 53	1 6	1 42	2 28	23 24	0 21	20 51	0 39	16 49	6 36	20 26	20 14	22 59	7 46	6 59
M 3	22 57	6 28	4 50	18 26	4 14	22 30	0 39	23 42	0 54	8 50	1 6	1 43	2 28	23 24	0 21	20 51	0 39	16 49	6 36	20 25	20 15	23 1	7 47	7 0
T 4	22 52	11 34	5 10	18 20	4 24	22 37	0 37	23 38	0 55	8 46	1 6	1 44	2 27	23 24	0 21	20 51	0 39	16 49	6 36	20 25	20 15	23 2	7 47	7 0
W 5	22 46	16 8	5 16	18 15	4 32	22 43	0 34	23 35	0 55	8 42	1 6	1 45	2 27	23 24	0 21	20 51	0 39	16 49	6 36	20 26	20 16	23 3	7 48	7 0
T 6	22 41	20 4	5 8	18 12	4 39	22 48	0 32	23 31	0 55	8 39	1 6	1 46	2 27	23 25	0 21	20 52	0 39	16 49	6 36	20 26	20 17	23 5	7 48	7 0
F 7	22 34	23 10	4 47	18 10	4 45	22 53	0 29	23 27	0 56	8 35	1 6	1 47	2 27	23 25	0 21	20 52	0 39	16 49	6 36	20 26	20 17	23 6	7 49	7 1
S 8	22 28	25 17	4 14	18 9	4 48	22 57	0 27	23 22	0 56	8 31	1 6	1 48	2 26	23 25	0 21	20 52	0 39	16 49	6 36	20 27	20 18	23 8	7 49	7 1
S 9	22 21	26 16	3 30	18 9	4 50	23 1	0 24	23 18	0 56	8 27	1 5	1 49	2 26	23 25	0 21	20 53	0 39	16 49	6 36	20 27	20 19	23 9	7 50	7 1
M10	22 13	26 0	2 35	18 11	4 51	23 4	0 21	23 13	0 57	8 23	1 5	1 51	2 26	23 25	0 21	20 53	0 39	16 49	6 36	20 27	20 19	23 10	7 50	7 1
T 11	22 6	24 29	1 33	18 14	4 50	23 6	0 19	23 8	0 57	8 20	1 5	1 52	2 26	23 25	0 21	20 53	0 39	16 49	6 36	20 27	20 20	23 12	7 51	7 2
W12	21 58	21 45	0 26	18 18	4 47	23 7	0 16	23 3	0 57	8 16	1 5	1 53	2 25	23 26	0 21	20 53	0 39	16 49	6 36	20 27	20 20	23 13	7 51	7 2
T 13	21 49	17 56	0n44	18 23	4 43	23 8	0 14	22 58	0 58	8 12	1 5	1 55	2 25	23 26	0 21	20 54	0 39	16 49	6 36	20 27	20 21	23 14	7 52	7 2
F 14	21 40	13 13	1 53	18 29	4 38	23 8	0 11	22 52	0 58	8 8	1 5	1 56	2 25	23 26	0 21	20 54	0 39	16 49	6 36	20 27	20 22	23 16	7 53	7 2
S 15	21 31	7 51	2 57	18 37	4 31	23 8	0 9	22 47	0 58	8 4	1 5	1 58	2 25	23 26	0 21	20 54	0 39	16 49	6 36	20 27	20 22	23 17	7 53	7 3
S 16	21 21	2 2	3 53	18 45	4 23	23 7	0 6	22 41	0 58	8 0	1 5	1 59	2 25	23 26	0 21	20 54	0 39	16 49	6 36	20 27	20 23	23 18	7 54	7 3
M17	21 11	3n58	4 37	18 53	4 14	23 5	0 4	22 35	0 59	7 55	1 5	2 1	2 24	23 26	0 21	20 55	0 39	16 49	6 36	20 27	20 24	23 20	7 55	7 3
T 18	21 1	9 52	5 6	19 3	4 4	23 2	0 1	22 29	0 59	7 51	1 5	2 2	2 24	23 27	0 21	20 55	0 39	16 49	6 36	20 27	20 24	23 21	7 55	7 3
W19	20 50	15 22	5 17	19 13	3 54	22 59	0n 1	22 23	0 59	7 47	1 4	2 4	2 24	23 27	0 21	20 55	0 39	16 49	6 36	20 27	20 25	23 22	7 56	7 3
T 20	20 39	20 7	5 9	19 23	3 42	22 55	0 4	22 16	1 0	7 43	1 4	2 5	2 24	23 27	0 21	20 56	0 39	16 49	6 36	20 27	20 26	23 24	7 57	7 3
F 21	20 28	23 44	4 42	19 34	3 30	22 51	0 6	22 9	1 0	7 39	1 4	2 7	2 23	23 27	0 21	20 56	0 39	16 49	6 36	20 27	20 26	23 25	7 57	7 4
S 22	20 16	25 52	3 57	19 45	3 17	22 45	0 9	22 3	1 0	7 34	1 4	2 9	2 23	23 27	0 21	20 56	0 39	16 49	6 36	20 27	20 27	23 26	7 58	7 4
S 23	20 4	26 15	2 56	19 56	3 3	22 40	0 11	21 56	1 1	7 30	1 4	2 10	2 23	23 27	0 21	20 56	0 39	16 49	6 36	20 27	20 28	23 28	7 59	7 4
M24	19 52	24 51	1 45	20 6	2 49	22 33	0 14	21 49	1 1	7 26	1 4	2 12	2 23	23 28	0 21	20 57	0 39	16 49	6 36	20 27	20 28	23 29	8 0	7 4
T 25	19 39	21 50	0 28	20 16	2 35	22 26	0 16	21 41	1 1	7 21	1 4	2 14	2 23	23 28	0 21	20 57	0 39	16 49	6 36	20 27	20 29	23 30	8 1	7 4
W26	19 26	17 33	0s50	20 26	2 20	22 18	0 18	21 34	1 1	7 17	1 4	2 15	2 22	23 28	0 21	20 57	0 39	16 49	6 36	20 27	20 30	23 31	8 1	7 4
T 27	19 13	12 25	2 4	20 35	2 6	22 9	0 21	21 26	1 2	7 13	1 4	2 17	2 22	23 28	0 21	20 57	0 39	16 49	6 36	20 27	20 30	23 33	8 2	7 4
F 28	18 59	6 48	3 8	20 43	1 51	22 0	0 23	21 18	1 2	7 8	1 4	2 19	2 22	23 28	0 21	20 58	0 39	16 49	6 36	20 27	20 31	23 34	8 3	7 4
S 29	18 45	1 4	4 1	20 50	1 36	21 50	0 26	21 10	1 2	7 4	1 4	2 21	2 22	23 28	0 21	20 58	0 39	16 49	6 36	20 27	20 31	23 35	8 4	7 4
S 30	18 31	4s34	4 40	20 56	1 21	21 40	0 28	21 2	1 2	6 59	1 4	2 23	2 22	23 28	0 21	20 58	0 39	16 49	6 36	20 28	20 32	23 36	8 5	7 5
M31	18n16	9s53	5s 5	21n 0	1s 7	21n29	0n30	20n54	1n 3	6n55	1n 4	2s25	2n21	23s29	0s21	20s59	0n39	16n49	6s36	20s28	20s33	23s38	8s 6	7n 5

Julian Day Number = 2509434.5, Delta T = 127.68 sec
Ecliptic obliquity = 23°25'11, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°57'18, Lahiri = 26°04'19

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2158
geocentric

AUGUST 2158 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 38 37	8♌53'39	25♎24	20♋11	26♋56	1♌49	15♍ 7	11♎40	8°R46	22°R 1	0♋47	28°R24	27♑57	25♏59	19°R53	T 1
W 2	20 42 33	9°51'01	7♏25	21°38	28°10	2°28	15°18	11°45	8♑44	22♑ 0	0°48	28°D24	27°54	26° 5	19♒50	W 2
T 3	20 46 30	10°48'25	19°20	23° 9	29°23	3° 7	15°30	11°50	8°42	21°58	0°50	28♑24	27°50	26°12	19°47	T 3
F 4	20 50 27	11°45'48	1♐12	24°44	0♌37	3°46	15°42	11°55	8°40	21°57	0°51	28°24	27°47	26°19	19°43	F 4
S 5	20 54 23	12°43'13	13° 7	26°24	1°51	4°24	15°53	11°59	8°39	21°55	0°52	28°26	27°44	26°25	19°40	S 5
S 6	20 58 20	13°40'38	25° 8	28° 7	3° 4	5° 3	16° 5	12° 4	8°37	21°54	0°53	28°27	27°41	26°32	19°37	S 6
M 7	21 2 16	14°38'04	7♑20	29°54	4°18	5°42	16°17	12° 9	8°35	21°52	0°54	28°28	27°38	26°39	19°34	M 7
T 8	21 6 13	15°35'30	19°46	1♌44	5°32	6°21	16°29	12°14	8°33	21°51	0°55	28°29	27°34	26°45	19°31	T 8
W 9	21 10 9	16°32'58	2♒27	3°37	6°46	6°59	16°41	12°19	8°31	21°49	0°56	28°R29	27°31	26°52	19°27	W 9
T 10	21 14 6	17°30'26	15°26	5°33	8° 0	7°38	16°53	12°25	8°30	21°48	0°57	28°28	27°28	26°59	19°24	T 10
F 11	21 18 2	18°27'55	28°41	7°30	9°13	8°17	17° 5	12°30	8°28	21°47	0°58	28°27	27°25	27° 6	19°21	F 11
S 12	21 21 59	19°25'26	12♓12	9°29	10°27	8°55	17°17	12°35	8°26	21°45	0°59	28°24	27°22	27°12	19°18	S 12
S 13	21 25 56	20°22'57	25°57	11°30	11°41	9°34	17°29	12°40	8°25	21°44	1° 0	28°21	27°19	27°19	19°14	S 13
M14	21 29 52	21°20'30	9♈54	13°32	12°55	10°13	17°42	12°46	8°23	21°42	1° 1	28°18	27°15	27°26	19°11	M14
T 15	21 33 49	22°18'04	23°58	15°34	14° 9	10°51	17°54	12°51	8°22	21°41	1° 2	28°16	27°12	27°32	19° 8	T 15
W16	21 37 45	23°15'40	8♉ 8	17°37	15°23	11°30	18° 6	12°57	8°20	21°40	1° 3	28°14	27° 9	27°39	19° 5	W16
T 17	21 41 42	24°13'17	22°21	19°40	16°37	12° 8	18°19	13° 2	8°19	21°38	1° 4	28°D13	27° 6	27°46	19° 2	T 17
F 18	21 45 38	25°10'56	6♊33	21°43	17°51	12°47	18°31	13° 8	8°17	21°37	1° 5	28°13	27° 3	27°53	18°58	F 18
S 19	21 49 35	26° 8'36	20°44	23°45	19° 5	13°25	18°43	13°14	8°16	21°36	1° 6	28°14	27° 0	27°59	18°55	S 19
S 20	21 53 31	27° 6'18	4♋50	25°47	20°19	14° 4	18°56	13°20	8°15	21°35	1° 7	28°16	26°56	28° 6	18°52	S 20
M21	21 57 28	28° 4'02	18°51	27°48	21°33	14°42	19° 8	13°26	8°13	21°33	1° 8	28°17	26°53	28°13	18°49	M21
T 22	22 1 25	29° 1'47	2♌43	29°48	22°48	15°21	19°21	13°31	8°12	21°32	1° 9	28°R17	26°50	28°19	18°46	T 22
W23	22 5 21	29°59'33	16°24	1♍47	24° 2	15°59	19°33	13°37	8°11	21°31	1° 9	28°16	26°47	28°26	18°42	W23
T 24	22 9 18	0♍57'21	29°52	3°45	25°16	16°37	19°46	13°43	8°10	21°30	1°10	28°13	26°44	28°33	18°39	T 24
F 25	22 13 14	1°55'10	13♍ 6	5°42	26°30	17°16	19°59	13°49	8° 9	21°29	1°11	28° 9	26°40	28°39	18°36	F 25
S 26	22 17 11	2°53'00	26° 3	7°37	27°44	17°54	20°11	13°56	8° 7	21°28	1°12	28° 3	26°37	28°46	18°33	S 26
S 27	22 21 7	3°50'52	8♎44	9°31	28°59	18°32	20°24	14° 2	8° 6	21°27	1°13	27°57	26°34	28°53	18°30	S 27
M28	22 25 4	4°48'45	21° 9	11°25	0♍13	19°11	20°37	14° 8	8° 5	21°25	1°13	27°51	26°31	29° 0	18°27	M28
T 29	22 29 0	5°46'40	3♏20	13°16	1°27	19°49	20°49	14°14	8° 4	21°24	1°14	27°46	26°28	29° 6	18°24	T 29
W30	22 32 57	6°44'35	15°21	15° 7	2°42	20°27	21° 2	14°20	8° 4	21°23	1°15	27°42	26°25	29°13	18°21	W30
T 31	22 36 53	7♍42'32	27♏15	16♍56	3♍56	21♌ 6	21♍15	14♎27	8♑ 3	21♑22	1♋15	27♑40	26♑21	29♏20	18♒18	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	18n 1	14s43	5s16	21n 3	0s52	21n17	0n32	20n46	1n 3	6n50	1n 4	2s27	2n21	23s29	0s21	20s59	0n39	16n49	6s36	20s28	20s33	23s39	8s 7	7n 5	T 1
W 2	17 46	18 54	5 12	21 4	0 38	21 5	0 35	20 37	1 3	6 46	1 3	2 29	2 21	23 29	0 21	20 59	0 39	16 49	6 36	20 28	20 34	23 40	8 8	7 5	W 2
T 3	17 31	22 17	4 56	21 2	0 24	20 52	0 37	20 28	1 3	6 41	1 3	2 31	2 21	23 29	0 21	20 59	0 39	16 49	6 36	20 28	20 35	23 41	8 9	7 5	T 3
F 4	17 15	24 43	4 26	20 59	0 11	20 38	0 39	20 20	1 4	6 37	1 3	2 33	2 21	23 29	0 21	21 0	0 39	16 49	6 36	20 28	20 35	23 42	8 9	7 5	F 4
S 5	16 59	26 5	3 45	20 53	0n 2	20 24	0 41	20 11	1 4	6 32	1 3	2 35	2 20	23 29	0 21	21 0	0 39	16 49	6 36	20 28	20 36	23 44	8 10	7 5	S 5
S 6	16 42	26 14	2 54	20 45	0 14	20 9	0 43	20 2	1 4	6 27	1 3	2 37	2 20	23 29	0 21	21 0	0 39	16 49	6 36	20 27	20 36	23 45	8 11	7 5	S 6
M 7	16 26	25 7	1 54	20 35	0 26	19 54	0 45	19 52	1 4	6 23	1 3	2 39	2 20	23 29	0 21	21 0	0 39	16 49	6 36	20 27	20 37	23 46	8 12	7 5	M 7
T 8	16 9	22 45	0 48	20 21	0 37	19 38	0 47	19 43	1 5	6 18	1 3	2 41	2 20	23 30	0 21	21 1	0 39	16 48	6 37	20 27	20 38	23 47	8 13	7 5	T 8
W 9	15 52	19 14	0n22	20 6	0 47	19 22	0 49	19 33	1 5	6 13	1 3	2 43	2 20	23 30	0 21	21 1	0 39	16 48	6 37	20 27	20 38	23 48	8 14	7 5	W 9
T 10	15 34	14 44	1 32	19 47	0 57	19 5	0 51	19 24	1 5	6 9	1 3	2 45	2 20	23 30	0 21	21 1	0 39	16 48	6 37	20 27	20 39	23 49	8 15	7 5	T 10
F 11	15 17	9 26	2 39	19 26	1 5	18 47	0 53	19 14	1 5	6 4	1 3	2 48	2 19	23 30	0 21	21 1	0 39	16 48	6 37	20 27	20 40	23 51	8 16	7 5	F 11
S 12	14 59	3 37	3 38	19 2	1 13	18 29	0 55	19 4	1 6	5 59	1 3	2 50	2 19	23 30	0 21	21 2	0 39	16 48	6 37	20 28	20 40	23 52	8 17	7 5	S 12
S 13	14 41	2n27	4 25	18 36	1 20	18 10	0 57	18 54	1 6	5 54	1 3	2 52	2 19	23 30	0 21	21 2	0 39	16 48	6 37	20 28	20 41	23 53	8 18	7 5	S 13
M14	14 23	8 29	4 58	18 7	1 26	17 51	0 58	18 44	1 6	5 49	1 3	2 54	2 19	23 30	0 21	21 2	0 39	16 48	6 37	20 29	20 41	23 54	8 19	7 5	M14
T 15	14 4	14 8	5 13	17 37	1 31	17 32	1 0	18 34	1 6	5 45	1 3	2 57	2 19	23 30	0 21	21 2	0 39	16 48	6 37	20 30	20 42	23 55	8 20	7 5	T 15
W16	13 45	19 5	5 9	17 4	1 36	17 12	1 2	18 23	1 7	5 40	1 3	2 59	2 19	23 30	0 21	21 3	0 39	16 48	6 37	20 30	20 43	23 56	8 21	7 4	W16
T 17	13 26	22 57	4 47	16 29	1 39	16 51	1 3	18 13	1 7	5 35	1 3	3 1	2 18	23 30	0 21	21 3	0 39	16 48	6 37	20 30	20 43	23 57	8 23	7 4	T 17
F 18	13 7	25 26	4 6	15 52	1 42	16 30	1 5	18 2	1 7	5 30	1 3	3 3	2 18	23 31	0 21	21 3	0 39	16 48	6 37	20 30	20 44	23 59	8 24	7 4	F 18
S 19	12 48	26 17	3 11	15 14	1 44	16 8	1 6	17 51	1 7	5 25	1 3	3 6	2 18	23 31	0 21	21 3	0 39	16 48	6 37	20 30	20 45	24 0	8 25	7 4	S 19
S 20	12 28	25 25	2 5	14 34	1 45	15 46	1 8	17 40	1 7	5 20	1 3	3 8	2 18	23 31	0 21	21 3	0 39	16 48	6 37	20 30	20 45	24 1	8 26	7 4	S 20
M21	12 8	22 57	0 52	13 53	1 46	15 24	1 9	17 29	1 8	5 15	1 3	3 11	2 18	23 31	0 21	21 4	0 39	16 48	6 37	20 29	20 46	24 2	8 27	7 4	M21
T 22	11 48	19 9	0s24	13 11	1 45	15 1	1 11	17 18	1 8	5 10	1 3	3 13	2 18	23 31	0 21	21 4	0 39	16 47	6 37	20 29	20 46	24 3	8 28	7 4	T 22
W23	11 28	14 22	1 37	12 28	1 45	14 38	1 12	17 7	1 8	5 6	1 3	3 15	2 18	23 31	0 21	21 4	0 38	16 47	6 38	20 29	20 47	24 4	8 29	7 4	W23
T 24	11 8	8 57	2 44	11 44	1 43	14 14	1 13	16 56	1 8	5 1	1 3	3 18	2 17	23 31	0 21	21 4	0 38	16 47	6 38	20 30	20 48	24 5	8 30	7 4	T 24
F 25	10 47	3 15	3 40	10 59	1 41	13 50	1 14	16 44	1 8	4 56	1 3	3 20	2 17	23 31	0 21	21 4	0 38	16 47	6 38	20 31	20 48	24 6	8 31	7 3	F 25
S 26	10 26	2s28	4 24	10 14	1 38	13 26	1 15	16 33	1 9	4 51	1 3	3 23	2 17	23 31	0 21	21 5	0 38	16 47	6 38	20 32	20 49	24 7	8 32	7 3	S 26
S 27	10 5	7 57	4 53	9 28	1 35	13 1	1 16	16 21	1 9	4 46	1 3	3 25	2 17	23 31	0 21	21 5	0 38	16 47	6 38	20 33	20 49	24 8	8 33	7 3	S 27
M28	9 44	13 0	5 8	8 42	1 32	12 36	1 17	16 9	1 9	4 41	1 3	3 28	2 17	23 31	0 21	21 5	0 38	16 47	6 38	20 34	20 50	24 9	8 34	7 3	M28
T 29	9 23	17 27	5 9	7 55	1 28	12 10	1 18	15 57	1 9	4 36	1 3	3 30	2 17	23 31	0 21	21 5	0 38	16 47	6 38	20 35	20 51	24 10	8 35	7 3	T 29
W30	9 2	21 8	4 56	7 8	1 23	11 44	1 19	15 45	1 9	4 31	1 3	3 33	2 17	23 31	0 21	21 5	0 38	16 47	6 38	20 36	20 51	24 11	8 37	7 2	W30
T 31	8n40	23s55	4s30	6n22	1n18	11n18	1n20	15n33	1n10	4n25	1n 3	3s35	2n17	23s31	0s21	21s 6	0n38	16n47	6s38	20s37	20s52	24s12	8s38	7n 2	T 31

Julian Day Number = 2509465.5, Delta T = 127.74 sec
Ecliptic obliquity = 23°25'11, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°57'22, Lahiri = 26°04'23

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2158
geocentric

SEPTEMBER 2158 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 40 50	8♍40'31	9♐ 6	18♍44	5♍10	21♌44	21♍28	14♎33	8°R 2	21°R21	1♋16	27°D39	26♑18	29♏26	18°R15	F 1
S 2	22 44 47	9°38'31	21° 0	20°30	6°25	22°22	21°41	14°40	8♑ 1	21♑20	1°17	27♑40	26°15	29°33	18♒12	S 2
S 3	22 48 43	10°36'32	3♑ 1	22°15	7°39	23° 0	21°53	14°46	8° 0	21°19	1°17	27°41	26°12	29°40	18° 9	S 3
M 4	22 52 40	11°34'34	15°16	23°59	8°53	23°38	22° 6	14°53	8° 0	21°19	1°18	27°43	26° 9	29°46	18° 6	M 4
T 5	22 56 36	12°32'38	27°46	25°42	10° 8	24°17	22°19	14°59	7°59	21°18	1°19	27°R43	26° 6	29°53	18° 3	T 5
W 6	23 0 33	13°30'43	10♒37	27°24	11°22	24°55	22°32	15° 6	7°59	21°17	1°19	27°43	26° 2	29°59	18° 1	W 6
T 7	23 4 29	14°28'50	23°51	29° 4	12°37	25°33	22°45	15°12	7°58	21°16	1°20	27°40	25°59	0♐ 7	17°58	T 7
F 8	23 8 26	15°26'58	7♓26	0♎43	13°51	26°11	22°58	15°19	7°58	21°15	1°20	27°35	25°56	0°13	17°55	F 8
S 9	23 12 22	16°25'08	21°23	2°21	15° 6	26°49	23°11	15°26	7°57	21°15	1°21	27°28	25°53	0°20	17°52	S 9
S 10	23 16 19	17°23'20	5♈36	3°57	16°20	27°27	23°24	15°33	7°57	21°14	1°21	27°21	25°50	0°27	17°50	S 10
M11	23 20 16	18°21'34	20° 0	5°33	17°35	28° 5	23°37	15°39	7°57	21°13	1°22	27°13	25°46	0°33	17°47	M11
T 12	23 24 12	19°19'49	4♉29	7° 7	18°49	28°43	23°50	15°46	7°56	21°12	1°22	27° 5	25°43	0°40	17°45	T 12
W13	23 28 9	20°18'07	18°58	8°40	20° 4	29°21	24° 3	15°53	7°56	21°12	1°23	27° 0	25°40	0°47	17°42	W13
T 14	23 32 5	21°16'26	3♊20	10°12	21°18	29°59	24°15	16° 0	7°56	21°11	1°23	26°56	25°37	0°53	17°40	T 14
F 15	23 36 2	22°14'48	17°34	11°43	22°33	0♍37	24°28	16° 7	7°56	21°11	1°23	26°D55	25°34	1° 0	17°37	F 15
S 16	23 39 58	23°13'12	1♋36	13°13	23°47	1°15	24°41	16°14	7°56	21°10	1°24	26°55	25°31	1° 7	17°35	S 16
S 17	23 43 55	24°11'39	15°27	14°42	25° 2	1°53	24°54	16°21	7°D56	21° 9	1°24	26°56	25°27	1°13	17°32	S 17
M18	23 47 51	25°10'07	29° 6	16° 9	26°17	2°31	25° 7	16°28	7°56	21° 9	1°24	26°R56	25°24	1°20	17°30	M18
T 19	23 51 48	26° 8'37	12♌34	17°35	27°31	3° 9	25°20	16°35	7°56	21° 8	1°25	26°55	25°21	1°27	17°28	T 19
W20	23 55 45	27° 7'10	25°51	19° 1	28°46	3°47	25°33	16°42	7°56	21° 8	1°25	26°52	25°18	1°34	17°26	W20
T 21	23 59 41	28° 5'44	8♍57	20°25	0♎ 1	4°25	25°46	16°49	7°56	21° 8	1°25	26°46	25°15	1°40	17°23	T 21
F 22	0 3 38	29° 4'20	21°51	21°47	1°15	5° 3	25°59	16°56	7°56	21° 7	1°25	26°37	25°12	1°47	17°21	F 22
S 23	0 7 34	0♎ 2'59	4♎33	23° 9	2°30	5°40	26°12	17° 3	7°57	21° 7	1°25	26°26	25° 8	1°54	17°19	S 23
S 24	0 11 31	1° 1'39	17° 3	24°29	3°45	6°18	26°25	17°10	7°57	21° 7	1°26	26°14	25° 5	2° 0	17°17	S 24
M25	0 15 27	2° 0'21	29°20	25°48	4°59	6°56	26°38	17°17	7°57	21° 6	1°26	26° 3	25° 2	2° 7	17°15	M25
T 26	0 19 24	2°59'05	11♏27	27° 5	6°14	7°34	26°51	17°25	7°58	21° 6	1°26	25°52	24°59	2°14	17°13	T 26
W27	0 23 20	3°57'51	23°24	28°21	7°29	8°12	27° 4	17°32	7°58	21° 6	1°26	25°43	24°56	2°20	17°11	W27
T 28	0 27 17	4°56'38	5♐16	29°35	8°44	8°49	27°17	17°39	7°59	21° 6	1°26	25°36	24°52	2°27	17°10	T 28
F 29	0 31 14	5°55'28	17° 5	0♏48	9°59	9°27	27°30	17°46	8° 0	21° 6	1°26	25°32	24°49	2°34	17° 8	F 29
S 30	0 35 10	6♎54'19	28♐56	1♏59	11♎13	10♍ 5	27♍43	17♎53	8♑ 0	21♑ 5	1♋26	25♑31	24♑46	2♐41	17♒ 6	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	8n19	25s38	3s53	5n35	1n13	10n52	1n21	15n21	1n10	4n20	1n 3	3s38	2n16	23s31	0s21	21s 6	0n38	16n47	6s38	20s37	20s52	24s13	8s39	7n 2
S 2	7 57	26 12	3 6	4 48	1 8	10 25	1 22	15 9	1 10	4 15	1 3	3 41	2 16	23 31	0 21	21 6	0 38	16 46	6 38	20 37	20 53	24 14	8 40	7 2
S 3	7 35	25 33	2 10	4 1	1 2	9 58	1 22	14 56	1 10	4 10	1 3	3 43	2 16	23 31	0 21	21 6	0 38	16 46	6 38	20 36	20 54	24 15	8 41	7 2
M 4	7 13	23 39	1 7	3 14	0 56	9 31	1 23	14 44	1 10	4 5	1 3	3 46	2 16	23 31	0 21	21 6	0 38	16 46	6 39	20 36	20 54	24 16	8 42	7 1
T 5	6 51	20 35	0n 0	2 28	0 50	9 3	1 23	14 32	1 10	4 0	1 3	3 48	2 16	23 32	0 21	21 6	0 38	16 46	6 39	20 36	20 55	24 17	8 43	7 1
W 6	6 29	16 27	1 9	1 42	0 43	8 35	1 24	14 19	1 11	3 55	1 3	3 51	2 16	23 32	0 21	21 7	0 38	16 46	6 39	20 36	20 55	24 18	8 44	7 1
T 7	6 6	11 25	2 16	0 56	0 36	8 7	1 24	14 6	1 11	3 50	1 3	3 54	2 16	23 32	0 21	21 7	0 38	16 46	6 39	20 37	20 56	24 19	8 45	7 1
F 8	5 44	5 43	3 17	0 10	0 29	7 39	1 24	13 54	1 11	3 45	1 3	3 56	2 16	23 32	0 21	21 7	0 38	16 46	6 39	20 38	20 57	24 20	8 46	7 0
S 9	5 21	0n23	4 8	0s35	0 22	7 10	1 25	13 41	1 11	3 40	1 3	3 59	2 16	23 32	0 21	21 7	0 38	16 46	6 39	20 39	20 57	24 21	8 47	7 0
S 10	4 59	6 35	4 45	1 20	0 15	6 41	1 25	13 28	1 11	3 35	1 3	4 2	2 16	23 32	0 21	21 7	0 38	16 46	6 39	20 40	20 58	24 22	8 48	7 0
M11	4 36	12 30	5 4	2 5	0 8	6 12	1 25	13 15	1 11	3 30	1 3	4 4	2 15	23 32	0 21	21 7	0 38	16 46	6 39	20 42	20 58	24 23	8 49	6 59
T 12	4 13	17 46	5 4	2 49	0 0	5 43	1 25	13 2	1 11	3 24	1 3	4 7	2 15	23 32	0 21	21 7	0 38	16 45	6 39	20 43	20 59	24 24	8 50	6 59
W13	3 50	22 0	4 44	3 33	0s 7	5 14	1 25	12 49	1 12	3 19	1 3	4 10	2 15	23 32	0 21	21 8	0 38	16 45	6 39	20 44	21 0	24 25	8 52	6 59
T 14	3 27	24 51	4 7	4 16	0 15	4 45	1 25	12 35	1 12	3 14	1 3	4 12	2 15	23 32	0 21	21 8	0 38	16 45	6 40	20 45	21 0	24 26	8 53	6 58
F 15	3 4	26 4	3 15	4 59	0 23	4 15	1 25	12 22	1 12	3 9	1 3	4 15	2 15	23 32	0 21	21 8	0 38	16 45	6 40	20 45	21 1	24 27	8 54	6 58
S 16	2 41	25 36	2 11	5 41	0 31	3 45	1 24	12 9	1 12	3 4	1 3	4 18	2 15	23 32	0 21	21 8	0 38	16 45	6 40	20 45	21 1	24 28	8 55	6 58
S 17	2 18	23 32	1 1	6 23	0 38	3 16	1 24	11 55	1 12	2 59	1 3	4 21	2 15	23 32	0 21	21 8	0 38	16 45	6 40	20 45	21 2	24 29	8 56	6 58
M18	1 55	20 8	0s12	7 4	0 46	2 46	1 24	11 42	1 12	2 54	1 3	4 23	2 15	23 32	0 21	21 8	0 38	16 45	6 40	20 45	21 2	24 30	8 57	6 57
T 19	1 32	15 42	1 23	7 44	0 54	2 16	1 23	11 28	1 12	2 49	1 3	4 26	2 15	23 32	0 21	21 8	0 38	16 45	6 40	20 45	21 3	24 30	8 58	6 57
W20	1 9	10 34	2 28	8 24	1 2	1 46	1 23	11 15	1 13	2 43	1 3	4 29	2 15	23 32	0 21	21 8	0 38	16 45	6 40	20 46	21 4	24 31	8 59	6 56
T 21	0 45	5 3	3 24	9 3	1 10	1 15	1 22	11 1	1 13	2 38	1 3	4 32	2 15	23 32	0 21	21 8	0 38	16 45	6 40	20 47	21 4	24 32	9 0	6 56
F 22	0 22	0s35	4 9	9 41	1 18	0 45	1 22	10 47	1 13	2 33	1 3	4 34	2 15	23 32	0 21	21 9	0 38	16 44	6 40	20 49	21 5	24 33	9 1	6 56
S 23	0s 1	6 6	4 41	10 19	1 26	0 15	1 21	10 33	1 13	2 28	1 3	4 37	2 15	23 31	0 21	21 9	0 38	16 44	6 40	20 51	21 5	24 34	9 2	6 55
S 24	0 25	11 17	4 59	10 56	1 33	0s15	1 20	10 19	1 13	2 23	1 3	4 40	2 15	23 31	0 21	21 9	0 38	16 44	6 41	20 53	21 6	24 35	9 3	6 55
M25	0 48	15 56	5 2	11 32	1 41	0 46	1 20	10 6	1 13	2 18	1 3	4 43	2 15	23 31	0 21	21 9	0 38	16 44	6 41	20 55	21 6	24 36	9 3	6 55
T 26	1 11	19 52	4 51	12 7	1 49	1 16	1 19	9 52	1 13	2 13	1 3	4 45	2 15	23 31	0 21	21 9	0 38	16 44	6 41	20 57	21 7	24 36	9 4	6 54
W27	1 34	22 56	4 28	12 41	1 56	1 46	1 18	9 38	1 13	2 8	1 3	4 48	2 14	23 31	0 21	21 9	0 38	16 44	6 41	20 59	21 8	24 37	9 5	6 54
T 28	1 58	24 59	3 54	13 15	2 4	2 17	1 17	9 23	1 14	2 3	1 3	4 51	2 14	23 31	0 21	21 9	0 37	16 44	6 41	21 0	21 8	24 38	9 6	6 53
F 29	2 21	25 56	3 9	13 47	2 11	2 47	1 16	9 9	1 14	1 58	1 3	4 54	2 14	23 31	0 21	21 9	0 37	16 44	6 41	21 1	21 9	24 39	9 7	6 53
S 30	2s44	25s41	2s16	14s19	2s18	3s17	1n15	8n55	1n14	1n52	1n 3	4s57	2n14	23s31	0s21	21s 9	0n37	16n44	6s41	21s 1	21s 9	24s40	9s 8	6n53

Julian Day Number = 2509496.5, Delta T = 127.80 sec
Ecliptic obliquity = 23°25'12, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°57'27, Lahiri = 26°04'27

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2158
geocentric

OCTOBER 2158 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 39 7	7♎53'12	10♉55	3♏ 9	12♎28	10♍43	27♍56	18♎ 1	8♉ 1	21°R 5	1°R26	25°D30	24♉43	2♐47	17°R 5	S 1
M 2	0 43 3	8°52'07	23° 7	4°16	13°43	11°20	28° 9	18° 8	8° 2	21♉ 5	1♋26	25°R31	24°40	2°54	17♒ 3	M 2
T 3	0 47 0	9°51'03	5♒37	5°22	14°58	11°58	28°22	18°15	8° 2	21°D 5	1°26	25♉30	24°37	3° 1	17° 1	T 3
W 4	0 50 56	10°50'01	18°30	6°25	16°12	12°36	28°35	18°23	8° 3	21° 5	1°26	25°28	24°33	3° 7	17° 0	W 4
T 5	0 54 53	11°49'01	1♓49	7°25	17°27	13°13	28°47	18°30	8° 4	21° 5	1°26	25°24	24°30	3°14	16°59	T 5
F 6	0 58 49	12°48'02	15°36	8°23	18°42	13°51	29° 0	18°37	8° 5	21° 5	1°26	25°17	24°27	3°21	16°57	F 6
S 7	1 2 46	13°47'06	29°49	9°19	19°57	14°29	29°13	18°44	8° 6	21° 6	1°26	25° 7	24°24	3°27	16°56	S 7
S 8	1 6 43	14°46'11	14♈24	10°11	21°12	15° 6	29°26	18°52	8° 7	21° 6	1°26	24°56	24°21	3°34	16°55	S 8
M 9	1 10 39	15°45'19	29°14	11° 0	22°27	15°44	29°38	18°59	8° 8	21° 6	1°26	24°45	24°17	3°41	16°54	M 9
T 10	1 14 36	16°44'28	14♉ 9	11°45	23°41	16°21	29°51	19° 6	8° 9	21° 6	1°25	24°34	24°14	3°47	16°53	T 10
W11	1 18 32	17°43'40	29° 2	12°27	24°56	16°59	0♎ 4	19°14	8°11	21° 6	1°25	24°26	24°11	3°54	16°51	W11
T 12	1 22 29	18°42'54	13♊44	13° 4	26°11	17°37	0°17	19°21	8°12	21° 7	1°25	24°20	24° 8	4° 1	16°51	T 12
F 13	1 26 25	19°42'11	28°10	13°36	27°26	18°14	0°29	19°28	8°13	21° 7	1°25	24°17	24° 5	4° 8	16°50	F 13
S 14	1 30 22	20°41'30	12♋16	14° 3	28°41	18°52	0°42	19°36	8°15	21° 7	1°25	24°16	24° 2	4°14	16°49	S 14
S 15	1 34 18	21°40'51	26° 4	14°24	29°56	19°29	0°54	19°43	8°16	21° 8	1°24	24°16	23°58	4°21	16°48	S 15
M16	1 38 15	22°40'14	9♌33	14°40	1♏11	20° 7	1° 7	19°51	8°17	21° 8	1°24	24°15	23°55	4°28	16°47	M16
T 17	1 42 12	23°39'40	22°45	14°48	2°25	20°44	1°19	19°58	8°19	21° 9	1°24	24°13	23°52	4°34	16°47	T 17
W18	1 46 8	24°39'08	5♍44	14°R50	3°40	21°22	1°32	20° 5	8°20	21° 9	1°23	24° 9	23°49	4°41	16°46	W18
T 19	1 50 5	25°38'38	18°30	14°44	4°55	21°59	1°44	20°13	8°22	21°10	1°23	24° 1	23°46	4°48	16°46	T 19
F 20	1 54 1	26°38'10	1♎ 6	14°30	6°10	22°37	1°57	20°20	8°24	21°10	1°22	23°51	23°43	4°54	16°45	F 20
S 21	1 57 58	27°37'45	13°31	14° 7	7°25	23°14	2° 9	20°27	8°25	21°11	1°22	23°38	23°39	5° 1	16°45	S 21
S 22	2 1 54	28°37'21	25°48	13°36	8°40	23°51	2°21	20°34	8°27	21°11	1°22	23°24	23°36	5° 8	16°44	S 22
M23	2 5 51	29°37'00	7♏55	12°56	9°55	24°29	2°34	20°42	8°29	21°12	1°21	23° 9	23°33	5°14	16°44	M23
T 24	2 9 47	0♏36'41	19°55	12° 7	11°10	25° 6	2°46	20°49	8°31	21°13	1°21	22°56	23°30	5°21	16°44	T 24
W25	2 13 44	1°36'23	1♐48	11°11	12°25	25°43	2°58	20°56	8°33	21°13	1°20	22°45	23°27	5°28	16°44	W25
T 26	2 17 40	2°36'08	13°37	10° 7	13°40	26°21	3°10	21° 4	8°34	21°14	1°20	22°36	23°23	5°34	16°D44	T 26
F 27	2 21 37	3°35'54	25°24	8°57	14°55	26°58	3°22	21°11	8°36	21°15	1°19	22°31	23°20	5°41	16°44	F 27
S 28	2 25 34	4°35'42	7♑14	7°44	16° 9	27°35	3°34	21°18	8°38	21°16	1°19	22°28	23°17	5°48	16°44	S 28
S 29	2 29 30	5°35'31	19°11	6°28	17°24	28°13	3°46	21°25	8°40	21°17	1°18	22°D27	23°14	5°55	16°44	S 29
M30	2 33 27	6°35'23	1♒19	5°12	18°39	28°50	3°58	21°32	8°43	21°18	1°17	22°R27	23°11	6° 1	16°44	M30
T 31	2 37 23	7♏35'16	13♒45	3♏58	19♏54	29♍27	4♎10	21♎40	8♉45	21♉18	1♋17	22♉27	23♉ 8	6♐ 8	16♒45	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3s 8	24s15	1s17	14s49	2s25	3s48	1n14	8n41	1n14	1n47	1n 3	4s59	2n14	23s31	0s21	21s 9	0n37	16n43	6s41	21s 1	21s10	24s41	9s 9	6n52
M 2	3 31	21 39	0 13	15 18	2 31	4 18	1 12	8 27	1 14	1 42	1 3	5 2	2 14	23 31	0 21	21 9	0 37	16 43	6 41	21 1	21 10	24 41	9 10	6 52
T 3	3 54	17 59	0n53	15 46	2 38	4 48	1 11	8 13	1 14	1 37	1 3	5 5	2 14	23 31	0 21	21 9	0 37	16 43	6 41	21 1	21 11	24 42	9 11	6 51
W 4	4 17	13 23	1 59	16 13	2 44	5 18	1 10	7 58	1 14	1 32	1 3	5 8	2 14	23 31	0 21	21 9	0 37	16 43	6 42	21 2	21 12	24 43	9 11	6 51
T 5	4 40	8 1	3 0	16 39	2 50	5 47	1 9	7 44	1 14	1 27	1 3	5 10	2 14	23 31	0 20	21 9	0 37	16 43	6 42	21 3	21 12	24 44	9 12	6 50
F 6	5 3	2 6	3 52	17 3	2 55	6 17	1 7	7 29	1 14	1 22	1 4	5 13	2 14	23 31	0 20	21 9	0 37	16 43	6 42	21 4	21 13	24 44	9 13	6 50
S 7	5 26	4n 5	4 32	17 26	3 0	6 47	1 6	7 15	1 14	1 17	1 4	5 16	2 14	23 31	0 20	21 9	0 37	16 43	6 42	21 6	21 13	24 45	9 14	6 50
S 8	5 49	10 13	4 55	17 47	3 5	7 16	1 4	7 1	1 15	1 12	1 4	5 19	2 14	23 31	0 20	21 9	0 37	16 43	6 42	21 7	21 14	24 46	9 15	6 49
M 9	6 12	15 51	5 0	18 7	3 9	7 46	1 3	6 46	1 15	1 7	1 4	5 21	2 14	23 31	0 20	21 9	0 37	16 43	6 42	21 10	21 14	24 47	9 15	6 49
T 10	6 34	20 35	4 43	18 25	3 13	8 15	1 1	6 32	1 15	1 2	1 4	5 24	2 14	23 31	0 20	21 9	0 37	16 43	6 42	21 11	21 15	24 47	9 16	6 48
W11	6 57	23 58	4 8	18 40	3 16	8 44	0 59	6 17	1 15	0 57	1 4	5 27	2 14	23 30	0 20	21 9	0 37	16 42	6 42	21 13	21 16	24 48	9 17	6 48
T 12	7 20	25 41	3 17	18 54	3 19	9 12	0 57	6 2	1 15	0 52	1 4	5 30	2 14	23 30	0 20	21 9	0 37	16 42	6 42	21 14	21 16	24 49	9 18	6 47
F 13	7 42	25 38	2 13	19 6	3 21	9 41	0 56	5 48	1 15	0 47	1 4	5 33	2 14	23 30	0 20	21 9	0 37	16 42	6 42	21 14	21 17	24 50	9 18	6 47
S 14	8 4	23 54	1 3	19 15	3 22	10 9	0 54	5 33	1 15	0 42	1 4	5 35	2 14	23 30	0 20	21 9	0 37	16 42	6 43	21 15	21 17	24 50	9 19	6 46
S 15	8 27	20 46	0s10	19 22	3 22	10 38	0 52	5 19	1 15	0 37	1 4	5 38	2 14	23 30	0 20	21 9	0 37	16 42	6 43	21 15	21 18	24 51	9 20	6 46
M16	8 49	16 34	1 20	19 25	3 21	11 5	0 50	5 4	1 15	0 32	1 4	5 41	2 14	23 30	0 20	21 9	0 37	16 42	6 43	21 15	21 18	24 52	9 20	6 45
T 17	9 11	11 39	2 24	19 26	3 19	11 33	0 48	4 49	1 15	0 28	1 4	5 44	2 14	23 30	0 20	21 9	0 37	16 42	6 43	21 15	21 19	24 52	9 21	6 45
W18	9 33	6 18	3 20	19 24	3 16	12 0	0 46	4 35	1 15	0 23	1 4	5 46	2 14	23 30	0 20	21 9	0 37	16 42	6 43	21 16	21 19	24 53	9 22	6 45
T 19	9 54	0 47	4 5	19 17	3 11	12 27	0 44	4 20	1 15	0 18	1 5	5 49	2 14	23 30	0 20	21 9	0 37	16 42	6 43	21 17	21 20	24 54	9 22	6 44
F 20	10 16	4s40	4 37	19 8	3 5	12 54	0 42	4 5	1 15	0 13	1 5	5 52	2 14	23 30	0 20	21 9	0 37	16 42	6 43	21 19	21 20	24 54	9 23	6 44
S 21	10 37	9 52	4 55	18 54	2 58	13 21	0 40	3 50	1 15	0 8	1 5	5 54	2 14	23 29	0 20	21 9	0 37	16 42	6 43	21 21	21 21	24 55	9 23	6 43
S 22	10 59	14 36	4 59	18 35	2 49	13 47	0 38	3 36	1 15	0 3	1 5	5 57	2 15	23 29	0 20	21 9	0 37	16 41	6 43	21 24	21 22	24 56	9 24	6 43
M23	11 20	18 42	4 50	18 13	2 38	14 13	0 36	3 21	1 16	0s 1	1 5	6 0	2 15	23 29	0 20	21 9	0 37	16 41	6 43	21 26	21 22	24 56	9 24	6 42
T 24	11 41	22 0	4 28	17 46	2 25	14 38	0 33	3 6	1 16	0 6	1 5	6 2	2 15	23 29	0 20	21 9	0 37	16 41	6 43	21 28	21 23	24 57	9 25	6 42
W25	12 1	24 19	3 54	17 14	2 11	15 3	0 31	2 51	1 16	0 11	1 5	6 5	2 15	23 29	0 20	21 9	0 37	16 41	6 44	21 30	21 23	24 58	9 25	6 41
T 26	12 22	25 34	3 10	16 39	1 54	15 28	0 29	2 37	1 16	0 16	1 5	6 8	2 15	23 29	0 20	21 9	0 37	16 41	6 44	21 32	21 24	24 58	9 26	6 41
F 27	12 42	25 38	2 18	16 0	1 37	15 52	0 27	2 22	1 16	0 20	1 5	6 10	2 15	23 29	0 20	21 8	0 37	16 41	6 44	21 32	21 24	24 59	9 26	6 40
S 28	13 3	24 33	1 20	15 18	1 18	16 16	0 24	2 7	1 16	0 25	1 5	6 13	2 15	23 29	0 20	21 8	0 37	16 41	6 44	21 33	21 25	25 0	9 27	6 40
S 29	13 23	22 20	0 17	14 34	0 58	16 40	0 22	1 52	1 16	0 30	1 6	6 16	2 15	23 28	0 20	21 8	0 37	16 41	6 44	21 33	21 25	25 0	9 27	6 39
M30	13 42	19 5	0n47	13 50	0 37	17 3	0 20	1 37	1 16	0 34	1 6	6 18	2 15	23 28	0 20	21 8	0 36	16 41	6 44	21 33	21 26	25 1	9 28	6 39
T 31	14s 2	14s55	1n51	13s 5	0s17	17s25	0n17	1n23	1n16	0s39	1n 6	6s21	2n15	23s28	0s20	21s 8	0n36	16n41	6s44	21s33	21s26	25s 1	9s28	6n38

Julian Day Number = 2509526.5, Delta T = 127.86 sec
Ecliptic obliquity = 23°25'11, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°57'31, Lahiri = 26°04'31

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2158
geocentric

NOVEMBER 2158 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 41 20	8♏35'10	26♒33	2°R48	21♏ 9	0♎ 4	4♎22	21♎47	8♑47	21♑19	1°R16	22°R26	23♑ 4	6♐15	16♒45	W 1
T 2	2 45 16	9°35'07	9♓49	1♏46	22°24	0°42	4°33	21°54	8°49	21°20	1♋15	22♑22	23° 1	6°21	16°46	T 2
F 3	2 49 13	10°35'04	23°34	0°52	23°39	1°19	4°45	22° 1	8°51	21°21	1°15	22°16	22°58	6°28	16°46	F 3
S 4	2 53 9	11°35'04	7♈49	0° 8	24°54	1°56	4°57	22° 8	8°54	21°22	1°14	22° 8	22°55	6°35	16°47	S 4
S 5	2 57 6	12°35'05	22°31	29♎35	26° 9	2°33	5° 8	22°15	8°56	21°23	1°13	21°58	22°52	6°41	16°47	S 5
M 6	3 1 3	13°35'08	7♉34	29°13	27°24	3°10	5°20	22°22	8°58	21°25	1°13	21°47	22°49	6°48	16°48	M 6
T 7	3 4 59	14°35'13	22°47	29°D 4	28°39	3°47	5°31	22°29	9° 1	21°26	1°12	21°37	22°45	6°55	16°49	T 7
W 8	3 8 56	15°35'20	8♊ 0	29° 5	29°54	4°24	5°43	22°36	9° 3	21°27	1°11	21°29	22°42	7° 1	16°50	W 8
T 9	3 12 52	16°35'28	23° 3	29°17	1♐ 9	5° 2	5°54	22°43	9° 6	21°28	1°10	21°24	22°39	7° 8	16°51	T 9
F 10	3 16 49	17°35'39	7♋47	29°40	2°23	5°39	6° 5	22°50	9° 8	21°29	1° 9	21°21	22°36	7°15	16°51	F 10
S 11	3 20 45	18°35'52	22° 8	0♏12	3°38	6°16	6°16	22°57	9°11	21°30	1° 9	21°D20	22°33	7°21	16°53	S 11
S 12	3 24 42	19°36'06	6♌ 4	0°53	4°53	6°53	6°27	23° 4	9°13	21°32	1° 8	21°21	22°29	7°28	16°54	S 12
M13	3 28 39	20°36'23	19°36	1°41	6° 8	7°30	6°38	23°11	9°16	21°33	1° 7	21°R21	22°26	7°35	16°55	M13
T 14	3 32 35	21°36'42	2♍45	2°36	7°23	8° 7	6°49	23°17	9°19	21°34	1° 6	21°21	22°23	7°42	16°56	T 14
W15	3 36 32	22°37'02	15°35	3°37	8°38	8°44	7° 0	23°24	9°21	21°36	1° 5	21°18	22°20	7°48	16°57	W15
T 16	3 40 28	23°37'25	28°10	4°44	9°53	9°21	7°11	23°31	9°24	21°37	1° 4	21°13	22°17	7°55	16°59	T 16
F 17	3 44 25	24°37'49	10♎33	5°54	11° 8	9°58	7°22	23°37	9°27	21°39	1° 3	21° 5	22°14	8° 2	17° 0	F 17
S 18	3 48 21	25°38'15	22°45	7° 9	12°23	10°35	7°32	23°44	9°30	21°40	1° 3	20°56	22°10	8° 8	17° 2	S 18
S 19	3 52 18	26°38'43	4♏49	8°27	13°38	11°11	7°43	23°51	9°33	21°41	1° 2	20°45	22° 7	8°15	17° 3	S 19
M20	3 56 14	27°39'13	16°47	9°47	14°53	11°48	7°53	23°57	9°35	21°43	1° 1	20°34	22° 4	8°22	17° 5	M20
T 21	4 0 11	28°39'45	28°41	11°10	16° 8	12°25	8° 4	24° 4	9°38	21°44	1° 0	20°24	22° 1	8°28	17° 7	T 21
W22	4 4 7	29°40'17	10♐31	12°35	17°23	13° 2	8°14	24°10	9°41	21°46	0°59	20°15	21°58	8°35	17° 8	W22
T 23	4 8 4	0♐40'52	22°19	14° 2	18°38	13°39	8°24	24°17	9°44	21°48	0°58	20° 9	21°55	8°42	17°10	T 23
F 24	4 12 1	1°41'28	4♑ 8	15°30	19°52	14°16	8°34	24°23	9°47	21°49	0°57	20° 5	21°51	8°48	17°12	F 24
S 25	4 15 57	2°42'05	16° 0	16°59	21° 7	14°52	8°44	24°29	9°50	21°51	0°56	20°D 4	21°48	8°55	17°14	S 25
S 26	4 19 54	3°42'43	27°59	18°29	22°22	15°29	8°54	24°35	9°53	21°52	0°55	20° 4	21°45	9° 2	17°16	S 26
M27	4 23 50	4°43'23	10♒ 8	20° 0	23°37	16° 6	9° 4	24°42	9°56	21°54	0°54	20° 5	21°42	9° 8	17°18	M27
T 28	4 27 47	5°44'03	22°32	21°31	24°52	16°43	9°13	24°48	10° 0	21°56	0°53	20° 6	21°39	9°15	17°20	T 28
W29	4 31 43	6°44'45	5♓16	23° 3	26° 7	17°19	9°23	24°54	10° 3	21°58	0°51	20°R 7	21°35	9°22	17°22	W29
T 30	4 35 40	7♐45'28	18♓25	24♏36	27♐22	17♎56	9♎32	25♎ 0	10♑ 6	21♑59	0♋50	20♑ 7	21♑32	9♐28	17♒25	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14s21	9s59	2n51	12s23	0n 4	17s48	0n15	1n 8	1n16	0s43	1n 6	6s23	2n15	23s28	0s20	21s 8	0n36	16n41	6s44	21s33	21s27	25s 2	9s28	6n38
T 2	14 40	4 26	3 44	11 43	0 24	18 9	0 12	0 53	1 16	0 48	1 6	6 26	2 15	23 28	0 20	21 8	0 36	16 41	6 44	21 34	21 27	25 3	9 29	6 37
F 3	14 59	1n31	4 26	11 6	0 42	18 31	0 10	0 38	1 16	0 52	1 6	6 29	2 15	23 28	0 20	21 8	0 36	16 41	6 44	21 35	21 28	25 3	9 29	6 37
S 4	15 18	7 35	4 53	10 35	1 0	18 51	0 8	0 24	1 16	0 57	1 6	6 31	2 15	23 27	0 20	21 8	0 36	16 40	6 44	21 36	21 29	25 4	9 29	6 36
S 5	15 36	13 26	5 2	10 9	1 15	19 11	0 5	0 9	1 16	1 1	1 6	6 34	2 15	23 27	0 20	21 7	0 36	16 40	6 44	21 38	21 29	25 4	9 30	6 36
M 6	15 54	18 36	4 51	9 48	1 29	19 31	0 3	0s 6	1 16	1 6	1 7	6 36	2 15	23 27	0 20	21 7	0 36	16 40	6 44	21 40	21 30	25 5	9 30	6 35
T 7	16 12	22 38	4 19	9 33	1 41	19 50	0 0	0 21	1 16	1 10	1 7	6 39	2 16	23 27	0 20	21 7	0 36	16 40	6 45	21 41	21 30	25 5	9 30	6 35
W 8	16 30	25 4	3 29	9 24	1 51	20 9	0s 2	0 35	1 16	1 15	1 7	6 41	2 16	23 27	0 20	21 7	0 36	16 40	6 45	21 42	21 31	25 6	9 30	6 34
T 9	16 47	25 39	2 25	9 21	2 0	20 27	0 5	0 50	1 16	1 19	1 7	6 44	2 16	23 27	0 20	21 7	0 36	16 40	6 45	21 43	21 31	25 6	9 30	6 34
F 10	17 4	24 23	1 12	9 22	2 6	20 45	0 7	1 5	1 16	1 23	1 7	6 46	2 16	23 26	0 20	21 7	0 36	16 40	6 45	21 44	21 32	25 7	9 31	6 33
S 11	17 21	21 32	0s 4	9 29	2 11	21 1	0 10	1 19	1 16	1 28	1 7	6 49	2 16	23 26	0 20	21 6	0 36	16 40	6 45	21 44	21 32	25 7	9 31	6 33
S 12	17 37	17 29	1 18	9 40	2 15	21 18	0 12	1 34	1 16	1 32	1 7	6 51	2 16	23 26	0 20	21 6	0 36	16 40	6 45	21 44	21 33	25 8	9 31	6 32
M13	17 53	12 38	2 25	9 54	2 17	21 34	0 15	1 49	1 16	1 36	1 7	6 53	2 16	23 26	0 20	21 6	0 36	16 40	6 45	21 44	21 33	25 8	9 31	6 32
T 14	18 9	7 20	3 22	10 12	2 18	21 49	0 17	2 3	1 16	1 40	1 8	6 56	2 16	23 26	0 20	21 6	0 36	16 40	6 45	21 44	21 34	25 9	9 31	6 32
W15	18 25	1 52	4 8	10 33	2 18	22 3	0 20	2 18	1 16	1 44	1 8	6 58	2 16	23 26	0 20	21 6	0 36	16 40	6 45	21 44	21 34	25 9	9 31	6 31
T 16	18 40	3s34	4 41	10 56	2 17	22 17	0 22	2 32	1 16	1 48	1 8	7 1	2 16	23 25	0 20	21 6	0 36	16 40	6 45	21 45	21 35	25 10	9 31	6 31
F 17	18 55	8 46	5 0	11 22	2 15	22 30	0 25	2 47	1 16	1 53	1 8	7 3	2 17	23 25	0 20	21 5	0 36	16 40	6 45	21 46	21 35	25 10	9 31	6 30
S 18	19 9	13 33	5 5	11 49	2 12	22 43	0 27	3 1	1 16	1 57	1 8	7 5	2 17	23 25	0 20	21 5	0 36	16 40	6 45	21 48	21 36	25 11	9 31	6 30
S 19	19 23	17 46	4 56	12 17	2 8	22 55	0 30	3 16	1 16	2 1	1 8	7 7	2 17	23 25	0 20	21 5	0 36	16 40	6 45	21 49	21 36	25 11	9 31	6 29
M20	19 37	21 13	4 34	12 46	2 4	23 6	0 32	3 30	1 16	2 5	1 9	7 10	2 17	23 24	0 20	21 5	0 36	16 40	6 45	21 51	21 37	25 12	9 31	6 29
T 21	19 51	23 45	4 0	13 16	2 0	23 16	0 35	3 44	1 16	2 8	1 9	7 12	2 17	23 24	0 20	21 5	0 36	16 40	6 45	21 52	21 37	25 12	9 31	6 28
W22	20 4	25 15	3 16	13 47	1 55	23 26	0 37	3 59	1 16	2 12	1 9	7 14	2 17	23 24	0 20	21 4	0 36	16 40	6 45	21 54	21 38	25 13	9 31	6 28
T 23	20 17	25 35	2 24	14 18	1 49	23 35	0 40	4 13	1 16	2 16	1 9	7 16	2 17	23 24	0 20	21 4	0 36	16 40	6 45	21 55	21 38	25 13	9 31	6 27
F 24	20 29	24 46	1 25	14 49	1 43	23 44	0 42	4 27	1 16	2 20	1 9	7 19	2 18	23 24	0 20	21 4	0 36	16 40	6 45	21 55	21 39	25 14	9 31	6 27
S 25	20 41	22 49	0 22	15 21	1 37	23 52	0 44	4 42	1 16	2 24	1 9	7 21	2 18	23 23	0 20	21 4	0 36	16 40	6 45	21 55	21 39	25 14	9 31	6 26
S 26	20 53	19 51	0n43	15 52	1 31	23 59	0 47	4 56	1 16	2 27	1 10	7 23	2 18	23 23	0 20	21 3	0 36	16 40	6 45	21 55	21 40	25 14	9 31	6 26
M27	21 4	15 59	1 47	16 22	1 24	24 5	0 49	5 10	1 15	2 31	1 10	7 25	2 18	23 23	0 20	21 3	0 36	16 40	6 45	21 55	21 40	25 15	9 30	6 26
T 28	21 15	11 21	2 47	16 53	1 17	24 10	0 51	5 24	1 15	2 35	1 10	7 27	2 18	23 23	0 20	21 3	0 36	16 40	6 45	21 55	21 41	25 15	9 30	6 25
W29	21 25	6 9	3 41	17 23	1 11	24 15	0 54	5 38	1 15	2 38	1 10	7 29	2 18	23 22	0 20	21 3	0 36	16 40	6 45	21 55	21 41	25 16	9 30	6 25
T 30	21s35	0s31	4n24	17s52	1n 4	24s19	0s56	5s52	1n15	2s42	1n10	7s31	2n18	23s22	0s20	21s 2	0n36	16n40	6s45	21s55	21s42	25s16	9s30	6n24

Julian Day Number = 2509557.5, Delta T = 127.93 sec
Ecliptic obliquity = 23°25'11, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°57'35, Lahiri = 26°04'36

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2158
geocentric

DECEMBER 2158 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 39 37	8♐46'12	2♈ 0	26♏ 8	28♐37	18♎32	9♎42	25♎ 6	10♑ 9	22♑ 1	0°R49	20°R 4	21♑29	9♐35	17♒27	F 1
S 2	4 43 33	9°46'56	16° 5	27°41	29°52	19° 9	9°51	25°12	10°12	22° 3	0♋48	20♑ 0	21°26	9°42	17°29	S 2
S 3	4 47 30	10°47'42	0♉37	29°14	1♑ 7	19°46	10° 0	25°18	10°15	22° 5	0°47	19°55	21°23	9°48	17°32	S 3
M 4	4 51 26	11°48'29	15°34	0♐47	2°21	20°22	10° 9	25°24	10°19	22° 6	0°46	19°49	21°20	9°55	17°34	M 4
T 5	4 55 23	12°49'16	0♊46	2°21	3°36	20°59	10°18	25°29	10°22	22° 8	0°45	19°43	21°16	10° 2	17°37	T 5
W 6	4 59 19	13°50'05	16° 5	3°54	4°51	21°35	10°27	25°35	10°25	22°10	0°44	19°39	21°13	10° 9	17°39	W 6
T 7	5 3 16	14°50'56	1♋18	5°28	6° 6	22°12	10°36	25°41	10°29	22°12	0°43	19°36	21°10	10°15	17°42	T 7
F 8	5 7 12	15°51'47	16°17	7° 1	7°21	22°48	10°44	25°46	10°32	22°14	0°41	19°D34	21° 7	10°22	17°45	F 8
S 9	5 11 9	16°52'39	0♌53	8°35	8°36	23°24	10°53	25°52	10°35	22°16	0°40	19°35	21° 4	10°29	17°47	S 9
S 10	5 15 6	17°53'33	15° 4	10° 8	9°51	24° 1	11° 1	25°57	10°39	22°18	0°39	19°36	21° 1	10°35	17°50	S 10
M11	5 19 2	18°54'28	28°46	11°42	11° 5	24°37	11° 9	26° 3	10°42	22°20	0°38	19°38	20°57	10°42	17°53	M11
T 12	5 22 59	19°55'24	12♍ 3	13°15	12°20	25°13	11°17	26° 8	10°46	22°22	0°37	19°39	20°54	10°49	17°56	T 12
W13	5 26 55	20°56'21	24°56	14°49	13°35	25°50	11°25	26°13	10°49	22°24	0°36	19°R39	20°51	10°55	17°59	W13
T 14	5 30 52	21°57'20	7♎29	16°23	14°50	26°26	11°33	26°18	10°52	22°26	0°35	19°38	20°48	11° 2	18° 2	T 14
F 15	5 34 48	22°58'19	19°46	17°57	16° 5	27° 2	11°41	26°24	10°56	22°28	0°33	19°36	20°45	11° 9	18° 5	F 15
S 16	5 38 45	23°59'20	1♏51	19°31	17°19	27°38	11°48	26°29	10°59	22°30	0°32	19°32	20°41	11°15	18° 8	S 16
S 17	5 42 41	25° 0'22	13°48	21° 5	18°34	28°15	11°56	26°34	11° 3	22°32	0°31	19°28	20°38	11°22	18°11	S 17
M18	5 46 38	26° 1'24	25°40	22°39	19°49	28°51	12° 3	26°38	11° 6	22°34	0°30	19°23	20°35	11°29	18°14	M18
T 19	5 50 35	27° 2'28	7♐30	24°13	21° 4	29°27	12°10	26°43	11°10	22°36	0°29	19°19	20°32	11°35	18°18	T 19
W20	5 54 31	28° 3'32	19°19	25°47	22°18	0♏ 3	12°17	26°48	11°13	22°38	0°27	19°16	20°29	11°42	18°21	W20
T 21	5 58 28	29° 4'37	1♑10	27°22	23°33	0°39	12°24	26°53	11°17	22°40	0°26	19°14	20°26	11°49	18°24	T 21
F 22	6 2 24	0♑ 5'43	13° 4	28°56	24°48	1°15	12°31	26°57	11°20	22°42	0°25	19°13	20°22	11°55	18°28	F 22
S 23	6 6 21	1° 6'49	25° 5	0♑31	26° 3	1°51	12°37	27° 2	11°24	22°45	0°24	19°D13	20°19	12° 2	18°31	S 23
S 24	6 10 17	2° 7'55	7♒12	2° 6	27°17	2°27	12°44	27° 6	11°28	22°47	0°23	19°14	20°16	12° 9	18°34	S 24
M25	6 14 14	3° 9'02	19°31	3°41	28°32	3° 3	12°50	27°10	11°31	22°49	0°22	19°15	20°13	12°15	18°38	M25
T 26	6 18 10	4°10'09	2♓ 2	5°16	29°47	3°39	12°56	27°15	11°35	22°51	0°20	19°16	20°10	12°22	18°42	T 26
W27	6 22 7	5°11'17	14°49	6°52	1♒ 1	4°14	13° 2	27°19	11°38	22°53	0°19	19°18	20° 7	12°29	18°45	W27
T 28	6 26 4	6°12'24	27°55	8°28	2°16	4°50	13° 8	27°23	11°42	22°55	0°18	19°18	20° 3	12°35	18°49	T 28
F 29	6 30 0	7°13'31	11♈23	10° 4	3°31	5°26	13°14	27°27	11°45	22°58	0°17	19°R18	20° 0	12°42	18°52	F 29
S 30	6 33 57	8°14'39	25°15	11°40	4°45	6° 2	13°19	27°31	11°49	23° 0	0°16	19°18	19°57	12°49	18°56	S 30
S 31	6 37 53	9♑15'46	9♉30	13♑16	6♒ 0	6♏37	13♎24	27♎35	11♑53	23♑ 2	0♋14	19♑17	19♑54	12♐55	19♒ 0	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21s45	5n19	4n55	18s21	0n57	24s23	0s58	6s 6	1n15	2s45	1n10	7s33	2n19	23s22	0s20	21s 2	0n36	16n40	6s45	21s55	21s42	25s16	9s29	6n24
S 2	21 54	11 5	5 10	18 49	0 50	24 25	1 0	6 20	1 15	2 49	1 11	7 35	2 19	23 22	0 20	21 2	0 36	16 40	6 45	21 56	21 43	25 17	9 29	6 23
S 3	22 3	16 26	5 5	19 17	0 42	24 27	1 2	6 34	1 15	2 52	1 11	7 37	2 19	23 21	0 20	21 2	0 36	16 40	6 45	21 57	21 43	25 17	9 29	6 23
M 4	22 11	20 57	4 40	19 43	0 35	24 28	1 4	6 48	1 15	2 56	1 11	7 39	2 19	23 21	0 20	21 1	0 36	16 40	6 45	21 57	21 44	25 17	9 28	6 23
T 5	22 19	24 7	3 55	20 9	0 28	24 29	1 6	7 1	1 15	2 59	1 11	7 41	2 19	23 21	0 20	21 1	0 36	16 40	6 46	21 58	21 44	25 18	9 28	6 22
W 6	22 27	25 33	2 53	20 34	0 21	24 28	1 8	7 15	1 15	3 2	1 11	7 43	2 19	23 21	0 20	21 1	0 35	16 40	6 45	21 59	21 45	25 18	9 28	6 22
T 7	22 34	25 3	1 38	20 58	0 14	24 27	1 10	7 29	1 15	3 5	1 12	7 45	2 20	23 20	0 20	21 1	0 35	16 40	6 45	21 59	21 45	25 18	9 27	6 21
F 8	22 40	22 44	0 18	21 21	0 7	24 25	1 12	7 42	1 15	3 9	1 12	7 47	2 20	23 20	0 20	21 0	0 35	16 40	6 45	22 0	21 46	25 19	9 27	6 21
S 9	22 46	18 56	1s 2	21 43	0 0	24 22	1 14	7 56	1 15	3 12	1 12	7 49	2 20	23 20	0 20	21 0	0 35	16 40	6 45	22 0	21 46	25 19	9 27	6 21
S 10	22 52	14 9	2 15	22 4	0s 7	24 19	1 16	8 9	1 14	3 15	1 12	7 50	2 20	23 20	0 20	21 0	0 35	16 40	6 45	21 59	21 47	25 19	9 26	6 20
M11	22 57	8 47	3 18	22 24	0 14	24 15	1 18	8 23	1 14	3 18	1 12	7 52	2 20	23 19	0 20	20 59	0 35	16 40	6 45	21 59	21 47	25 20	9 26	6 20
T 12	23 2	3 12	4 9	22 43	0 20	24 10	1 20	8 36	1 14	3 21	1 13	7 54	2 21	23 19	0 20	20 59	0 35	16 40	6 45	21 59	21 48	25 20	9 25	6 19
W13	23 7	2s21	4 45	23 0	0 27	24 4	1 21	8 49	1 14	3 24	1 13	7 56	2 21	23 19	0 20	20 59	0 35	16 40	6 45	21 59	21 48	25 20	9 25	6 19
T 14	23 11	7 40	5 7	23 17	0 34	23 58	1 23	9 2	1 14	3 27	1 13	7 57	2 21	23 19	0 20	20 58	0 35	16 40	6 45	21 59	21 49	25 21	9 24	6 19
F 15	23 14	12 34	5 14	23 32	0 40	23 51	1 24	9 16	1 14	3 29	1 13	7 59	2 21	23 18	0 20	20 58	0 35	16 40	6 45	21 59	21 49	25 21	9 24	6 18
S 16	23 17	16 54	5 7	23 46	0 46	23 43	1 26	9 29	1 14	3 32	1 14	8 1	2 21	23 18	0 20	20 58	0 35	16 40	6 45	22 0	21 50	25 21	9 23	6 18
S 17	23 20	20 31	4 46	23 59	0 52	23 35	1 27	9 42	1 14	3 35	1 14	8 2	2 22	23 18	0 20	20 57	0 35	16 40	6 45	22 1	21 50	25 21	9 22	6 17
M18	23 22	23 16	4 14	24 11	0 58	23 25	1 29	9 55	1 13	3 37	1 14	8 4	2 22	23 17	0 20	20 57	0 35	16 40	6 45	22 1	21 51	25 22	9 22	6 17
T 19	23 23	25 0	3 30	24 21	1 4	23 15	1 30	10 7	1 13	3 40	1 14	8 5	2 22	23 17	0 20	20 57	0 35	16 40	6 45	22 2	21 51	25 22	9 21	6 17
W20	23 24	25 36	2 38	24 31	1 10	23 5	1 32	10 20	1 13	3 43	1 14	8 7	2 22	23 17	0 20	20 57	0 35	16 40	6 45	22 2	21 52	25 22	9 20	6 16
T 21	23 25	25 3	1 38	24 39	1 15	22 53	1 33	10 33	1 13	3 45	1 15	8 8	2 22	23 17	0 20	20 56	0 35	16 40	6 45	22 2	21 52	25 22	9 20	6 16
F 22	23 25	23 20	0 34	24 45	1 20	22 41	1 34	10 46	1 13	3 47	1 15	8 10	2 23	23 16	0 20	20 56	0 35	16 40	6 45	22 3	21 53	25 23	9 19	6 16
S 23	23 25	20 34	0n32	24 50	1 25	22 29	1 35	10 58	1 13	3 50	1 15	8 11	2 23	23 16	0 20	20 56	0 35	16 40	6 45	22 3	21 53	25 23	9 18	6 15
S 24	23 24	16 52	1 38	24 54	1 30	22 15	1 36	11 11	1 13	3 52	1 15	8 12	2 23	23 16	0 20	20 55	0 35	16 40	6 45	22 3	21 53	25 23	9 18	6 15
M25	23 23	12 25	2 40	24 57	1 35	22 1	1 37	11 23	1 12	3 54	1 16	8 14	2 23	23 15	0 20	20 55	0 35	16 40	6 45	22 2	21 54	25 23	9 17	6 15
T 26	23 21	7 23	3 36	24 58	1 39	21 47	1 38	11 35	1 12	3 56	1 16	8 15	2 24	23 15	0 20	20 55	0 35	16 40	6 45	22 2	21 54	25 23	9 16	6 14
W27	23 19	1 57	4 22	24 57	1 43	21 31	1 39	11 47	1 12	3 59	1 16	8 16	2 24	23 15	0 20	20 54	0 35	16 40	6 45	22 2	21 55	25 24	9 15	6 14
T 28	23 16	3n42	4 55	24 56	1 47	21 15	1 40	12 0	1 12	4 1	1 16	8 18	2 24	23 14	0 20	20 54	0 35	16 40	6 45	22 2	21 55	25 24	9 15	6 14
F 29	23 13	9 19	5 14	24 53	1 51	20 59	1 40	12 12	1 12	4 3	1 17	8 19	2 24	23 14	0 20	20 53	0 35	16 40	6 45	22 2	21 56	25 24	9 14	6 13
S 30	23 10	14 39	5 15	24 48	1 54	20 42	1 41	12 24	1 11	4 4	1 17	8 20	2 24	23 14	0 20	20 53	0 35	16 41	6 45	22 2	21 56	25 24	9 13	6 13
S 31	23s 6	19n21	4n58	24s42	1s57	20s24	1s42	12s35	1n11	4s 6	1n17	8s21	2n25	23s14	0s20	20s53	0n35	16n41	6s45	22s 2	21s57	25s24	9s12	6n13

Julian Day Number = 2509587.5, Delta T = 127.99 sec
Ecliptic obliquity = 23°25'10, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°57'39, Lahiri = 26°04'40

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2159
geocentric

JANUARY 2159 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 41 50	10♑16'53	24♉ 6	14♑53	7♒14	7♏13	13♎30	27♎38	11♑56	23♑ 4	0°R13	19°R16	19♑51	13♐ 2	19♒ 4	M 1
T 2	6 45 46	11°18'01	9♊ 0	16°30	8°29	7°48	13°35	27°42	12° 0	23° 7	0♋12	19♑15	19°47	13° 9	19° 8	T 2
W 3	6 49 43	12°19'08	24° 3	18° 8	9°43	8°24	13°39	27°46	12° 3	23° 9	0°11	19°14	19°44	13°15	19°11	W 3
T 4	6 53 40	13°20'16	9♋ 8	19°45	10°58	8°59	13°44	27°49	12° 7	23°11	0°10	19°14	19°41	13°22	19°15	T 4
F 5	6 57 36	14°21'23	24° 6	21°23	12°12	9°35	13°49	27°53	12°11	23°13	0° 9	19°D14	19°38	13°29	19°19	F 5
S 6	7 1 33	15°22'31	8♌47	23° 1	13°27	10°10	13°53	27°56	12°14	23°16	0° 7	19°14	19°35	13°35	19°23	S 6
S 7	7 5 29	16°23'39	23° 7	24°40	14°41	10°45	13°57	27°59	12°18	23°18	0° 6	19°14	19°32	13°42	19°27	S 7
M 8	7 9 26	17°24'46	7♍ 0	26°18	15°55	11°21	14° 1	28° 2	12°21	23°20	0° 5	19°14	19°28	13°49	19°31	M 8
T 9	7 13 22	18°25'54	20°27	27°57	17°10	11°56	14° 5	28° 5	12°25	23°22	0° 4	19°15	19°25	13°56	19°35	T 9
W10	7 17 19	19°27'02	3♎28	29°35	18°24	12°31	14° 9	28° 8	12°29	23°25	0° 3	19°R15	19°22	14° 2	19°39	W10
T 11	7 21 15	20°28'11	16° 6	1♒14	19°38	13° 6	14°12	28°11	12°32	23°27	0° 2	19°D15	19°19	14° 9	19°43	T 11
F 12	7 25 12	21°29'19	28°25	2°53	20°52	13°41	14°16	28°14	12°36	23°29	0° 1	19°15	19°16	14°16	19°48	F 12
S 13	7 29 9	22°30'27	10♏30	4°32	22° 7	14°16	14°19	28°16	12°39	23°31	29♊59	19°15	19°13	14°22	19°52	S 13
S 14	7 33 5	23°31'36	22°25	6°10	23°21	14°51	14°22	28°19	12°43	23°34	29°59	19°15	19° 9	14°29	19°56	S 14
M15	7 37 2	24°32'44	4♐14	7°48	24°35	15°26	14°24	28°21	12°46	23°36	29°57	19°16	19° 6	14°36	20° 0	M15
T 16	7 40 58	25°33'53	16° 2	9°26	25°49	16° 1	14°27	28°23	12°50	23°38	29°56	19°16	19° 3	14°42	20° 4	T 16
W17	7 44 55	26°35'01	27°53	11° 3	27° 3	16°36	14°29	28°26	12°53	23°41	29°55	19°17	19° 0	14°49	20° 9	W17
T 18	7 48 51	27°36'09	9♑48	12°38	28°17	17°11	14°32	28°28	12°57	23°43	29°54	19°18	18°57	14°56	20°13	T 18
F 19	7 52 48	28°37'16	21°51	14°13	29°31	17°45	14°34	28°30	13° 0	23°45	29°53	19°R18	18°53	15° 2	20°17	F 19
S 20	7 56 44	29°38'23	4♒ 4	15°46	0♓45	18°20	14°36	28°32	13° 4	23°47	29°52	19°17	18°50	15° 9	20°21	S 20
S 21	8 0 41	0♒39'30	16°28	17°17	1°59	18°55	14°37	28°33	13° 7	23°50	29°51	19°16	18°47	15°16	20°26	S 21
M22	8 4 38	1°40'35	29° 3	18°46	3°13	19°29	14°39	28°35	13°11	23°52	29°50	19°15	18°44	15°22	20°30	M22
T 23	8 8 34	2°41'40	11♓52	20°12	4°27	20° 4	14°40	28°37	13°14	23°54	29°49	19°13	18°41	15°29	20°35	T 23
W24	8 12 31	3°42'45	24°54	21°35	5°41	20°38	14°41	28°38	13°18	23°56	29°48	19°11	18°38	15°36	20°39	W24
T 25	8 16 27	4°43'48	8♈10	22°53	6°55	21°12	14°42	28°40	13°21	23°59	29°47	19° 9	18°34	15°42	20°43	T 25
F 26	8 20 24	5°44'50	21°42	24° 7	8° 9	21°46	14°43	28°41	13°25	24° 1	29°46	19° 8	18°31	15°49	20°48	F 26
S 27	8 24 20	6°45'52	5♉28	25°16	9°22	22°21	14°43	28°42	13°28	24° 3	29°45	19°D 7	18°28	15°56	20°52	S 27
S 28	8 28 17	7°46'52	19°30	26°19	10°36	22°55	14°44	28°43	13°31	24° 5	29°45	19° 8	18°25	16° 2	20°57	S 28
M29	8 32 13	8°47'51	3♊46	27°14	11°49	23°29	14°R44	28°44	13°35	24° 8	29°44	19° 9	18°22	16° 9	21° 1	M29
T 30	8 36 10	9°48'50	18°14	28° 2	13° 3	24° 3	14°44	28°45	13°38	24°10	29°43	19°10	18°19	16°16	21° 6	T 30
W31	8 40 7	10♒49'47	2♋51	28♒41	14♓17	24♏36	14♎43	28♎46	13♑41	24♑12	29♊42	19♑11	18♑15	16♐22	21♒10	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
M 1	23s 1	22n59	4n21	24s34	2s 0	20s 5	1s42	12s47	1n11	4s 8	1n17	8s22	2n25	23s13	0s20	20s52	0n35	16n41	6s44	22s 2	21s57	25s24	9s11	6n13	
T 2	22 56	25 10	3 25	24 25	2 2	19 47	1 42	12 59	1 11	4 10	1 17	8 23	2 25	23 13	0 20	20 52	0 35	16 41	6 44	22 2	21 58	25 25	9 10	6 12	
W 3	22 51	25 32	2 15	24 15	2 4	19 27	1 43	13 11	1 11	4 11	1 18	8 24	2 25	23 13	0 20	20 52	0 35	16 41	6 44	22 2	21 58	25 25	9 9	6 12	
T 4	22 45	24 2	0 56	24 2	2 6	19 7	1 43	13 22	1 10	4 13	1 18	8 25	2 26	23 12	0 20	20 51	0 35	16 41	6 44	22 3	21 59	25 25	9 8	6 12	
F 5	22 39	20 50	0s27	23 49	2 7	18 46	1 43	13 34	1 10	4 15	1 18	8 26	2 26	23 12	0 20	20 51	0 35	16 41	6 44	22 3	21 59	25 25	9 8	6 11	
S 6	22 32	16 20	1 47	23 34	2 8	18 25	1 43	13 45	1 10	4 16	1 18	8 27	2 26	23 12	0 20	20 51	0 35	16 41	6 44	22 2	22 0	25 25	9 7	6 11	
S 7	22 25	11 0	2 57	23 17	2 9	18 4	1 43	13 56	1 10	4 17	1 19	8 28	2 26	23 11	0 20	20 50	0 35	16 41	6 44	22 2	22 0	25 25	9 6	6 11	
M 8	22 17	5 17	3 56	22 59	2 9	17 42	1 43	14 7	1 10	4 19	1 19	8 29	2 27	23 11	0 20	20 50	0 35	16 41	6 44	22 2	22 0	25 25	9 5	6 11	
T 9	22 9	0s30	4 39	22 39	2 8	17 19	1 43	14 18	1 9	4 20	1 19	8 30	2 27	23 11	0 20	20 49	0 35	16 41	6 44	22 2	22 1	25 25	9 4	6 10	
W10	22 1	6 3	5 6	22 18	2 7	16 56	1 43	14 29	1 9	4 21	1 20	8 31	2 27	23 10	0 20	20 49	0 35	16 41	6 44	22 2	22 1	25 26	9 3	6 10	
T 11	21 52	11 12	5 17	21 55	2 6	16 33	1 43	14 40	1 9	4 22	1 20	8 31	2 27	23 10	0 20	20 49	0 35	16 42	6 44	22 2	22 2	25 26	9 2	6 10	
F 12	21 42	15 47	5 14	21 31	2 4	16 9	1 42	14 51	1 8	4 23	1 20	8 32	2 28	23 10	0 20	20 48	0 35	16 42	6 43	22 2	22 2	25 26	9 1	6 10	
S 13	21 33	19 39	4 56	21 5	2 2	15 44	1 42	15 1	1 8	4 24	1 20	8 33	2 28	23 9	0 20	20 48	0 35	16 42	6 43	22 2	22 3	25 26	8 59	6 10	
S 14	21 22	22 39	4 26	20 38	1 59	15 19	1 42	15 12	1 8	4 25	1 21	8 33	2 28	23 9	0 20	20 48	0 35	16 42	6 43	22 2	22 3	25 26	8 58	6 9	
M15	21 12	24 40	3 45	20 9	1 55	14 54	1 41	15 22	1 8	4 26	1 21	8 34	2 28	23 9	0 20	20 47	0 35	16 42	6 43	22 2	22 4	25 26	8 57	6 9	
T 16	21 1	25 35	2 54	19 39	1 50	14 28	1 40	15 33	1 7	4 27	1 21	8 35	2 29	23 8	0 20	20 47	0 35	16 42	6 43	22 2	22 4	25 26	8 56	6 9	
W17	20 49	25 20	1 56	19 8	1 45	14 2	1 39	15 43	1 7	4 27	1 21	8 35	2 29	23 8	0 20	20 46	0 35	16 42	6 43	22 2	22 4	25 26	8 55	6 9	
T 18	20 37	23 56	0 52	18 36	1 40	13 36	1 39	15 53	1 7	4 28	1 22	8 36	2 29	23 8	0 20	20 46	0 35	16 42	6 43	22 2	22 5	25 26	8 54	6 9	
F 19	20 25	21 25	0n14	18 2	1 33	13 9	1 38	16 3	1 6	4 29	1 22	8 36	2 30	23 7	0 20	20 46	0 35	16 42	6 43	22 2	22 5	25 26	8 53	6 8	
S 20	20 13	17 55	1 21	17 28	1 26	12 42	1 37	16 13	1 6	4 29	1 22	8 36	2 30	23 7	0 20	20 45	0 35	16 43	6 43	22 2	22 6	25 26	8 52	6 8	
S 21	20 0	13 35	2 25	16 53	1 18	12 15	1 36	16 23	1 6	4 29	1 22	8 37	2 30	23 7	0 20	20 45	0 35	16 43	6 42	22 2	22 6	25 26	8 50	6 8	
M22	19 46	8 37	3 23	16 17	1 9	11 47	1 35	16 32	1 5	4 30	1 23	8 37	2 30	23 6	0 20	20 45	0 35	16 43	6 42	22 2	22 7	25 26	8 49	6 8	
T 23	19 32	3 13	4 12	15 40	0 59	11 19	1 33	16 42	1 5	4 30	1 23	8 38	2 31	23 6	0 20	20 44	0 35	16 43	6 42	22 3	22 7	25 26	8 48	6 8	
W24	19 18	2n23	4 48	15 4	0 48	10 51	1 32	16 51	1 5	4 30	1 23	8 38	2 31	23 6	0 20	20 44	0 35	16 43	6 42	22 3	22 8	25 26	8 47	6 8	
T 25	19 4	7 59	5 10	14 27	0 37	10 22	1 31	17 1	1 4	4 30	1 23	8 38	2 31	23 5	0 20	20 43	0 35	16 43	6 42	22 3	22 8	25 26	8 46	6 7	
F 26	18 49	13 20	5 16	13 51	0 24	9 53	1 29	17 10	1 4	4 30	1 24	8 38	2 31	23 5	0 21	20 43	0 35	16 43	6 42	22 3	22 8	25 26	8 44	6 7	
S 27	18 34	18 6	5 3	13 16	0 11	9 24	1 28	17 19	1 4	4 30	1 24	8 38	2 32	23 5	0 21	20 43	0 35	16 44	6 42	22 3	22 9	25 26	8 43	6 7	
S 28	18 19	21 58	4 33	12 41	0n 3	8 55	1 26	17 28	1 3	4 30	1 24	8 38	2 32	23 4	0 21	20 42	0 35	16 44	6 41	22 3	22 9	25 26	8 42	6 7	
M29	18 3	24 34	3 45	12 8	0 18	8 25	1 24	17 37	1 3	4 30	1 25	8 39	2 32	23 4	0 21	20 42	0 35	16 44	6 41	22 3	22 10	25 26	8 41	6 7	
T 30	17 47	25 36	2 43	11 37	0 34	7 55	1 22	17 46	1 2	4 30	1 25	8 39	2 32	23 4	0 21	20 42	0 35	16 44	6 41	22 3	22 10	25 26	8 39	6 7	
W31	17s30	24n52	1n29	11s 8	0n50	7s25	1s21	17s54	1n 2	4s29	1n25	8s39	2n33	23s 3	0s21	20s41	0n35	16n44	6s41	22s 3	22s11	25s26	8s38	6n 7	

Julian Day Number = 2509618.5, Delta T = 128.05 sec
Ecliptic obliquity = 23°25'10, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°57'43, Lahiri = 26°04'44

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2159
geocentric

FEBRUARY 2159 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 44 3	11♒50'43	17♋31	29♒10	15♓30	25♏10	14°R43	28♎46	13♑45	24♑14	29°R41	19°R12	18♑12	16♐29	21♒15	T 1
F 2	8 48 0	12°51'38	2♌ 9	29°30	16°43	25°44	14♎42	28°47	13°48	24°16	29♊40	19♑11	18° 9	16°36	21°19	F 2
S 3	8 51 56	13°52'31	16°38	29°R39	17°57	26°18	14°42	28°47	13°51	24°19	29°39	19°10	18° 6	16°42	21°24	S 3
S 4	8 55 53	14°53'24	0♍52	29°36	19°10	26°51	14°41	28°48	13°54	24°21	29°39	19° 7	18° 3	16°49	21°28	S 4
M 5	8 59 49	15°54'16	14°45	29°23	20°23	27°25	14°39	28°48	13°58	24°23	29°38	19° 3	17°59	16°56	21°33	M 5
T 6	9 3 46	16°55'07	28°16	28°58	21°36	27°58	14°38	28°48	14° 1	24°25	29°37	18°58	17°56	17° 2	21°37	T 6
W 7	9 7 42	17°55'57	11♎22	28°23	22°49	28°31	14°36	28°R48	14° 4	24°27	29°36	18°54	17°53	17° 9	21°42	W 7
T 8	9 11 39	18°56'46	24° 6	27°38	24° 2	29° 5	14°35	28°48	14° 7	24°29	29°36	18°50	17°50	17°16	21°46	T 8
F 9	9 15 36	19°57'34	6♏29	26°44	25°15	29°38	14°33	28°48	14°10	24°31	29°35	18°48	17°47	17°22	21°51	F 9
S 10	9 19 32	20°58'21	18°36	25°43	26°28	0♐11	14°31	28°47	14°13	24°33	29°34	18°D47	17°44	17°29	21°55	S 10
S 11	9 23 29	21°59'08	0♐32	24°37	27°41	0°44	14°28	28°47	14°16	24°36	29°34	18°47	17°40	17°36	22° 0	S 11
M12	9 27 25	22°59'53	12°22	23°27	28°53	1°17	14°26	28°46	14°19	24°38	29°33	18°48	17°37	17°42	22° 4	M12
T 13	9 31 22	24° 0'37	24°10	22°16	0♈ 6	1°49	14°23	28°46	14°22	24°40	29°32	18°50	17°34	17°49	22° 9	T 13
W14	9 35 18	25° 1'21	6♑ 2	21° 5	1°19	2°22	14°20	28°45	14°25	24°42	29°32	18°52	17°31	17°56	22°13	W14
T 15	9 39 15	26° 2'03	18° 2	19°57	2°31	2°55	14°17	28°44	14°28	24°44	29°31	18°R53	17°28	18° 2	22°18	T 15
F 16	9 43 11	27° 2'44	0♒13	18°52	3°44	3°27	14°14	28°43	14°31	24°46	29°30	18°52	17°24	18° 9	22°22	F 16
S 17	9 47 8	28° 3'23	12°39	17°53	4°56	4° 0	14°11	28°42	14°34	24°48	29°30	18°49	17°21	18°16	22°27	S 17
S 18	9 51 5	29° 4'02	25°20	16°59	6° 8	4°32	14° 7	28°41	14°37	24°50	29°29	18°45	17°18	18°22	22°31	S 18
M19	9 55 1	0♓ 4'38	8♓17	16°13	7°20	5° 4	14° 3	28°40	14°39	24°52	29°29	18°39	17°15	18°29	22°36	M19
T 20	9 58 58	1° 5'14	21°30	15°34	8°32	5°36	13°59	28°39	14°42	24°54	29°28	18°31	17°12	18°36	22°40	T 20
W21	10 2 54	2° 5'47	4♈56	15° 3	9°44	6° 8	13°55	28°37	14°45	24°56	29°28	18°23	17° 9	18°42	22°45	W21
T 22	10 6 51	3° 6'19	18°34	14°39	10°56	6°40	13°51	28°36	14°48	24°57	29°27	18°16	17° 5	18°49	22°49	T 22
F 23	10 10 47	4° 6'49	2♉22	14°24	12° 8	7°11	13°46	28°34	14°50	24°59	29°27	18°11	17° 2	18°56	22°54	F 23
S 24	10 14 44	5° 7'18	16°18	14°15	13°20	7°43	13°42	28°32	14°53	25° 1	29°27	18° 7	16°59	19° 2	22°58	S 24
S 25	10 18 40	6° 7'45	0♊20	14°D14	14°32	8°14	13°37	28°30	14°55	25° 3	29°26	18°D 5	16°56	19° 9	23° 3	S 25
M26	10 22 37	7° 8'09	14°26	14°19	15°43	8°46	13°32	28°28	14°58	25° 5	29°26	18° 5	16°53	19°15	23° 7	M26
T 27	10 26 34	8° 8'32	28°36	14°30	16°55	9°17	13°27	28°26	15° 0	25° 7	29°25	18° 6	16°50	19°22	23°11	T 27
W28	10 30 30	9♓ 8'53	12♋48	14♒48	18♈ 6	9♐48	13♎22	28♎24	15♑ 3	25♑ 8	29♊25	18°R 7	16♑46	19♐29	23♒16	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	17s13	22n25	0n 9	10s42	1n 7	6s55	1s19	18s 3	1n 2	4s29	1n25	8s39	2n33	23s 3	0s21	20s41	0n35	16n44	6s41	22s 3	22s11	25s26	8s37	6n 7	T 1
F 2	16 56	18 31	1s11	10 19	1 25	6 25	1 17	18 11	1 1	4 29	1 26	8 39	2 33	23 3	0 21	20 40	0 35	16 44	6 41	22 3	22 11	25 26	8 35	6 6	F 2
S 3	16 39	13 32	2 25	10 0	1 42	5 54	1 15	18 19	1 1	4 28	1 26	8 38	2 34	23 3	0 21	20 40	0 35	16 45	6 41	22 3	22 12	25 26	8 34	6 6	S 3
S 4	16 21	7 54	3 29	9 44	1 59	5 24	1 12	18 28	1 0	4 27	1 26	8 38	2 34	23 2	0 21	20 40	0 35	16 45	6 40	22 4	22 12	25 26	8 33	6 6	S 4
M 5	16 3	2 1	4 19	9 33	2 16	4 53	1 10	18 36	1 0	4 27	1 26	8 38	2 34	23 2	0 21	20 39	0 35	16 45	6 40	22 4	22 13	25 26	8 31	6 6	M 5
T 6	15 45	3s48	4 53	9 26	2 32	4 22	1 8	18 44	0 59	4 26	1 27	8 38	2 34	23 2	0 21	20 39	0 35	16 45	6 40	22 5	22 13	25 25	8 30	6 6	T 6
W 7	15 27	9 15	5 11	9 24	2 48	3 51	1 5	18 51	0 59	4 25	1 27	8 38	2 35	23 1	0 21	20 39	0 35	16 45	6 40	22 5	22 14	25 25	8 29	6 6	W 7
T 8	15 8	14 10	5 12	9 27	3 1	3 20	1 3	18 59	0 58	4 24	1 27	8 37	2 35	23 1	0 21	20 38	0 35	16 45	6 40	22 6	22 14	25 25	8 27	6 6	T 8
F 9	14 49	18 22	4 59	9 33	3 14	2 49	1 0	19 7	0 58	4 23	1 27	8 37	2 35	23 1	0 21	20 38	0 35	16 46	6 40	22 6	22 14	25 25	8 26	6 6	F 9
S 10	14 30	21 42	4 32	9 44	3 24	2 17	0 58	19 14	0 57	4 22	1 28	8 37	2 35	23 0	0 21	20 37	0 35	16 46	6 39	22 6	22 15	25 25	8 25	6 6	S 10
S 11	14 10	24 4	3 54	9 59	3 32	1 46	0 55	19 22	0 57	4 21	1 28	8 36	2 36	23 0	0 21	20 37	0 35	16 46	6 39	22 6	22 15	25 25	8 23	6 6	S 11
M12	13 50	25 20	3 6	10 16	3 38	1 15	0 52	19 29	0 56	4 20	1 28	8 36	2 36	23 0	0 21	20 37	0 35	16 46	6 39	22 6	22 16	25 25	8 22	6 6	M12
T 13	13 30	25 28	2 11	10 36	3 41	0 43	0 50	19 36	0 56	4 19	1 28	8 35	2 36	22 59	0 21	20 36	0 35	16 46	6 39	22 6	22 16	25 25	8 20	6 6	T 13
W14	13 10	24 26	1 10	10 57	3 42	0 12	0 47	19 43	0 55	4 17	1 29	8 35	2 36	22 59	0 21	20 36	0 35	16 46	6 39	22 6	22 16	25 24	8 19	6 6	W14
T 15	12 50	22 17	0 5	11 20	3 40	0n20	0 44	19 50	0 55	4 16	1 29	8 34	2 37	22 59	0 21	20 36	0 35	16 47	6 39	22 5	22 17	25 24	8 18	6 6	T 15
F 16	12 29	19 5	1n 1	11 43	3 36	0 51	0 41	19 57	0 54	4 14	1 29	8 34	2 37	22 59	0 21	20 35	0 35	16 47	6 38	22 6	22 17	25 24	8 16	6 6	F 16
S 17	12 8	14 59	2 6	12 7	3 31	1 23	0 38	20 3	0 53	4 13	1 29	8 33	2 37	22 58	0 21	20 35	0 35	16 47	6 38	22 6	22 18	25 24	8 15	6 6	S 17
S 18	11 47	10 10	3 5	12 30	3 23	1 54	0 35	20 10	0 53	4 11	1 30	8 33	2 38	22 58	0 21	20 35	0 35	16 47	6 38	22 7	22 18	25 24	8 13	6 6	S 18
M19	11 26	4 48	3 56	12 52	3 15	2 26	0 32	20 16	0 52	4 10	1 30	8 32	2 38	22 58	0 21	20 34	0 35	16 47	6 38	22 7	22 18	25 24	8 12	6 6	M19
T 20	11 5	0n51	4 35	13 13	3 5	2 57	0 28	20 22	0 52	4 8	1 30	8 31	2 38	22 57	0 21	20 34	0 35	16 47	6 38	22 8	22 19	25 23	8 11	6 6	T 20
W21	10 43	6 33	5 0	13 33	2 53	3 28	0 25	20 29	0 51	4 6	1 30	8 30	2 38	22 57	0 21	20 33	0 35	16 48	6 37	22 9	22 19	25 23	8 9	6 6	W21
T 22	10 21	12 1	5 8	13 51	2 42	4 0	0 22	20 35	0 50	4 4	1 30	8 30	2 39	22 57	0 21	20 33	0 35	16 48	6 37	22 10	22 20	25 23	8 8	6 6	T 22
F 23	10 0	16 58	4 59	14 7	2 29	4 31	0 18	20 41	0 50	4 2	1 31	8 29	2 39	22 57	0 21	20 33	0 35	16 48	6 37	22 11	22 20	25 23	8 6	6 6	F 23
S 24	9 38	21 2	4 32	14 22	2 16	5 2	0 15	20 46	0 49	4 0	1 31	8 28	2 39	22 56	0 21	20 32	0 35	16 48	6 37	22 12	22 20	25 23	8 5	6 6	S 24
S 25	9 15	23 56	3 49	14 35	2 3	5 33	0 11	20 52	0 48	3 58	1 31	8 27	2 39	22 56	0 21	20 32	0 35	16 48	6 37	22 12	22 21	25 22	8 3	6 6	S 25
M26	8 53	25 21	2 51	14 46	1 50	6 4	0 8	20 58	0 47	3 56	1 31	8 26	2 39	22 56	0 21	20 32	0 35	16 49	6 37	22 12	22 21	25 22	8 2	6 6	M26
T 27	8 31	25 8	1 43	14 55	1 37	6 34	0 4	21 3	0 47	3 54	1 32	8 25	2 40	22 56	0 21	20 31	0 35	16 49	6 36	22 12	22 22	25 22	8 0	6 6	T 27
W28	8s 8	23n17	0n29	15s 2	1n24	7n 5	0s 1	21s 9	0n46	3s52	1n32	8s24	2n40	22s55	0s21	20s31	0n35	16n49	6s36	22s12	22s22	25s22	7s59	6n 6	W28

Julian Day Number = 2509649.5, Delta T = 128.11 sec
Ecliptic obliquity = 23°25'10, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°57'48, Lahiri = 26°04'48

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2159
geocentric

MARCH 2159 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 34 27	10♓ 9'12	27♋ 0	15♒11	19♈17	10♐19	13°R17	28°R22	15♑ 5	25♑10	29°R25	18°R 7	16♑43	19♐35	23♒20	T 1
F 2	10 38 23	11° 9'29	11♌10	15°39	20°28	10°49	13♎11	28♎20	15° 8	25°12	29♊25	18♑ 5	16°40	19°42	23°25	F 2
S 3	10 42 20	12° 9'44	25°14	16°12	21°39	11°20	13° 5	28°17	15°10	25°14	29°24	18° 0	16°37	19°49	23°29	S 3
S 4	10 46 16	13° 9'57	9♍ 7	16°50	22°50	11°50	13° 0	28°15	15°12	25°15	29°24	17°53	16°34	19°55	23°33	S 4
M 5	10 50 13	14°10'08	22°46	17°31	24° 1	12°21	12°54	28°12	15°15	25°17	29°24	17°44	16°30	20° 2	23°38	M 5
T 6	10 54 9	15°10'17	6♎ 7	18°17	25°11	12°51	12°48	28°10	15°17	25°19	29°24	17°33	16°27	20° 9	23°42	T 6
W 7	10 58 6	16°10'25	19°10	19° 6	26°22	13°21	12°42	28° 7	15°19	25°20	29°23	17°23	16°24	20°15	23°46	W 7
T 8	11 2 3	17°10'31	1♏52	19°58	27°32	13°51	12°35	28° 4	15°21	25°22	29°23	17°14	16°21	20°22	23°50	T 8
F 9	11 5 59	18°10'36	14°16	20°54	28°43	14°21	12°29	28° 1	15°23	25°23	29°23	17° 6	16°18	20°29	23°55	F 9
S 10	11 9 56	19°10'39	26°25	21°52	29°53	14°50	12°22	27°58	15°25	25°25	29°23	17° 1	16°15	20°35	23°59	S 10
S 11	11 13 52	20°10'40	8♐22	22°53	1♑ 3	15°20	12°16	27°55	15°27	25°26	29°23	16°58	16°11	20°42	24° 3	S 11
M12	11 17 49	21°10'40	20°12	23°57	2°13	15°49	12° 9	27°52	15°29	25°28	29°23	16°D58	16° 8	20°49	24° 7	M12
T 13	11 21 45	22°10'39	2♑ 0	25° 3	3°22	16°18	12° 2	27°49	15°31	25°29	29°23	16°58	16° 5	20°55	24°11	T 13
W14	11 25 42	23°10'35	13°53	26°11	4°32	16°47	11°55	27°45	15°33	25°31	29°D23	16°R58	16° 2	21° 2	24°15	W14
T 15	11 29 38	24°10'30	25°55	27°21	5°41	17°15	11°48	27°42	15°35	25°32	29°23	16°58	15°59	21° 9	24°19	T 15
F 16	11 33 35	25°10'23	8♒11	28°33	6°51	17°44	11°41	27°38	15°37	25°34	29°23	16°56	15°56	21°15	24°23	F 16
S 17	11 37 32	26°10'15	20°45	29°48	8° 0	18°12	11°34	27°35	15°39	25°35	29°23	16°51	15°52	21°22	24°27	S 17
S 18	11 41 28	27°10'04	3♓39	1♓ 4	9° 9	18°40	11°27	27°31	15°40	25°36	29°23	16°44	15°49	21°29	24°31	S 18
M19	11 45 25	28° 9'52	16°55	2°22	10°18	19° 8	11°19	27°28	15°42	25°37	29°23	16°34	15°46	21°35	24°35	M19
T 20	11 49 21	29° 9'38	0♈31	3°41	11°27	19°36	11°12	27°24	15°44	25°39	29°23	16°23	15°43	21°42	24°39	T 20
W21	11 53 18	0♈ 9'22	14°24	5° 2	12°35	20° 3	11° 4	27°20	15°45	25°40	29°24	16°11	15°40	21°49	24°43	W21
T 22	11 57 14	1° 9'03	28°30	6°25	13°44	20°30	10°57	27°16	15°47	25°41	29°24	16° 0	15°36	21°55	24°47	T 22
F 23	12 1 11	2° 8'43	12♉43	7°49	14°52	20°58	10°49	27°12	15°48	25°42	29°24	15°50	15°33	22° 2	24°51	F 23
S 24	12 5 7	3° 8'21	27° 0	9°15	16° 0	21°24	10°42	27° 8	15°50	25°44	29°24	15°43	15°30	22° 9	24°55	S 24
S 25	12 9 4	4° 7'56	11♊15	10°42	17° 8	21°51	10°34	27° 4	15°51	25°45	29°24	15°39	15°27	22°15	24°58	S 25
M26	12 13 0	5° 7'29	25°26	12°11	18°16	22°17	10°26	27° 0	15°52	25°46	29°25	15°38	15°24	22°22	25° 2	M26
T 27	12 16 57	6° 7'00	9♋32	13°41	19°23	22°43	10°19	26°56	15°54	25°47	29°25	15°38	15°21	22°29	25° 6	T 27
W28	12 20 54	7° 6'28	23°31	15°12	20°30	23° 9	10°11	26°52	15°55	25°48	29°25	15°37	15°17	22°35	25° 9	W28
T 29	12 24 50	8° 5'54	7♌24	16°45	21°37	23°35	10° 3	26°48	15°56	25°49	29°26	15°36	15°14	22°42	25°13	T 29
F 30	12 28 47	9° 5'18	21° 9	18°20	22°44	24° 0	9°56	26°43	15°57	25°50	29°26	15°33	15°11	22°49	25°17	F 30
S 31	12 32 43	10♈ 4'39	4♍46	19♓55	23♉51	24♐25	9♎48	26♎39	15♑58	25♑51	29♊26	15♑26	15♑ 8	22♐55	25♒20	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s45	19n58	0s48	15s 8	1n11	7n35	0n 3	21s14	0n45	3s50	1n32	8s23	2n40	22s55	0s21	20s31	0n35	16n49	6s36	22s12	22s22	25s21	7s57	6n 6
F 2	7 23	15 29	2 1	15 12	0 59	8 6	0 7	21 19	0 44	3 47	1 32	8 22	2 40	22 55	0 21	20 31	0 35	16 49	6 36	22 12	22 23	25 21	7 56	6 6
S 3	7 0	10 11	3 6	15 14	0 46	8 36	0 10	21 24	0 44	3 45	1 32	8 21	2 41	22 55	0 21	20 30	0 35	16 50	6 36	22 13	22 23	25 21	7 54	6 6
S 4	6 37	4 28	3 59	15 14	0 34	9 6	0 14	21 29	0 43	3 42	1 32	8 20	2 41	22 54	0 21	20 30	0 35	16 50	6 35	22 14	22 24	25 21	7 53	6 6
M 5	6 13	1s22	4 37	15 13	0 22	9 35	0 18	21 34	0 42	3 40	1 33	8 19	2 41	22 54	0 21	20 30	0 35	16 50	6 35	22 15	22 24	25 20	7 52	6 7
T 6	5 50	7 0	4 59	15 10	0 11	10 5	0 22	21 38	0 41	3 37	1 33	8 18	2 41	22 54	0 21	20 29	0 35	16 50	6 35	22 16	22 24	25 20	7 50	6 7
W 7	5 27	12 11	5 5	15 5	0s 0	10 34	0 26	21 43	0 40	3 35	1 33	8 17	2 41	22 54	0 21	20 29	0 35	16 50	6 35	22 17	22 25	25 20	7 49	6 7
T 8	5 4	16 43	4 55	14 59	0 11	11 3	0 30	21 48	0 39	3 32	1 33	8 16	2 42	22 53	0 21	20 29	0 35	16 50	6 35	22 19	22 25	25 19	7 47	6 7
F 9	4 40	20 26	4 32	14 51	0 21	11 32	0 34	21 52	0 38	3 30	1 33	8 14	2 42	22 53	0 21	20 28	0 35	16 51	6 34	22 20	22 26	25 19	7 46	6 7
S 10	4 17	23 10	3 56	14 42	0 31	12 0	0 38	21 56	0 38	3 27	1 33	8 13	2 42	22 53	0 21	20 28	0 35	16 51	6 34	22 20	22 26	25 19	7 44	6 7
S 11	3 53	24 49	3 11	14 31	0 41	12 29	0 42	22 0	0 37	3 24	1 34	8 12	2 42	22 53	0 21	20 28	0 35	16 51	6 34	22 21	22 26	25 18	7 43	6 7
M12	3 30	25 21	2 18	14 19	0 50	12 57	0 46	22 4	0 36	3 22	1 34	8 10	2 42	22 53	0 21	20 28	0 35	16 51	6 34	22 21	22 27	25 18	7 41	6 7
T 13	3 6	24 43	1 19	14 5	0 59	13 24	0 50	22 8	0 35	3 19	1 34	8 9	2 43	22 52	0 21	20 27	0 35	16 51	6 34	22 21	22 27	25 18	7 40	6 7
W14	2 42	22 58	0 17	13 50	1 7	13 52	0 54	22 12	0 34	3 16	1 34	8 8	2 43	22 52	0 21	20 27	0 35	16 52	6 33	22 21	22 27	25 17	7 38	6 8
T 15	2 19	20 10	0n48	13 33	1 15	14 19	0 58	22 16	0 33	3 13	1 34	8 6	2 43	22 52	0 21	20 27	0 35	16 52	6 33	22 21	22 28	25 17	7 37	6 8
F 16	1 55	16 26	1 50	13 15	1 22	14 46	1 2	22 20	0 32	3 10	1 34	8 5	2 43	22 52	0 22	20 27	0 35	16 52	6 33	22 21	22 28	25 17	7 35	6 8
S 17	1 31	11 53	2 49	12 56	1 29	15 12	1 6	22 23	0 31	3 7	1 34	8 4	2 43	22 52	0 22	20 26	0 35	16 52	6 33	22 21	22 29	25 16	7 34	6 8
S 18	1 8	6 43	3 41	12 35	1 36	15 38	1 10	22 27	0 30	3 4	1 34	8 2	2 44	22 51	0 22	20 26	0 35	16 52	6 33	22 22	22 29	25 16	7 33	6 8
M19	0 44	1 8	4 23	12 13	1 42	16 4	1 14	22 30	0 28	3 2	1 34	8 1	2 44	22 51	0 22	20 26	0 35	16 53	6 32	22 24	22 29	25 16	7 31	6 8
T 20	0 20	4n38	4 50	11 49	1 48	16 29	1 18	22 34	0 27	2 59	1 35	7 59	2 44	22 51	0 22	20 26	0 35	16 53	6 32	22 25	22 30	25 15	7 30	6 9
W21	0n 4	10 18	5 1	11 25	1 53	16 54	1 22	22 37	0 26	2 56	1 35	7 58	2 44	22 51	0 22	20 25	0 35	16 53	6 32	22 26	22 30	25 15	7 28	6 9
T 22	0 27	15 31	4 54	10 59	1 58	17 19	1 26	22 40	0 25	2 53	1 35	7 56	2 44	22 51	0 22	20 25	0 35	16 53	6 32	22 28	22 30	25 14	7 27	6 9
F 23	0 51	19 55	4 29	10 31	2 3	17 43	1 30	22 43	0 24	2 50	1 35	7 55	2 44	22 51	0 22	20 25	0 35	16 53	6 32	22 29	22 31	25 14	7 25	6 9
S 24	1 15	23 9	3 47	10 3	2 7	18 7	1 34	22 46	0 23	2 47	1 35	7 53	2 44	22 50	0 22	20 25	0 35	16 54	6 31	22 30	22 31	25 14	7 24	6 9
S 25	1 38	24 56	2 51	9 33	2 10	18 30	1 38	22 49	0 21	2 44	1 35	7 52	2 45	22 50	0 22	20 24	0 35	16 54	6 31	22 30	22 32	25 13	7 22	6 10
M26	2 2	25 5	1 45	9 2	2 13	18 53	1 42	22 52	0 20	2 40	1 35	7 50	2 45	22 50	0 22	20 24	0 35	16 54	6 31	22 30	22 32	25 13	7 21	6 10
T 27	2 26	23 37	0 32	8 30	2 16	19 16	1 46	22 54	0 19	2 37	1 35	7 49	2 45	22 50	0 22	20 24	0 35	16 54	6 31	22 30	22 32	25 12	7 20	6 10
W28	2 49	20 41	0s42	7 57	2 18	19 38	1 50	22 57	0 17	2 34	1 35	7 47	2 45	22 50	0 22	20 24	0 35	16 54	6 31	22 30	22 33	25 12	7 18	6 10
T 29	3 13	16 36	1 52	7 22	2 20	20 0	1 54	23 0	0 16	2 31	1 35	7 45	2 45	22 50	0 22	20 24	0 35	16 55	6 30	22 30	22 33	25 12	7 17	6 10
F 30	3 36	11 39	2 56	6 47	2 21	20 21	1 58	23 2	0 15	2 28	1 35	7 44	2 45	22 50	0 22	20 23	0 35	16 55	6 30	22 31	22 33	25 11	7 16	6 11
S 31	3n59	6n12	3s49	6s10	2s22	20n41	2n 2	23s 5	0n13	2s25	1n35	7s42	2n45	22s50	0s22	20s23	0n35	16n55	6s30	22s32	22s34	25s11	7s14	6n11

Julian Day Number = 2509677.5, Delta T = 128.17 sec
Ecliptic obliquity = 23°25'10, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°57'52, Lahiri = 26°04'52

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2159
geocentric

APRIL 2159 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 36 40	11♈ 3'58	18♍14	21♓32	24♉58	24♐50	9°R40	26°R35	15♑59	25♑52	29♊27	15°R17	15♑ 5	23♐ 2	25♒23	S 1
M 2	12 40 36	12° 3'15	1♎30	23°11	26° 4	25°14	9♎32	26♎30	16° 0	25°52	29°27	15♑ 5	15° 1	23° 9	25°27	M 2
T 3	12 44 33	13° 2'30	14°33	24°50	27°10	25°39	9°25	26°26	16° 1	25°53	29°28	14°52	14°58	23°15	25°30	T 3
W 4	12 48 29	14° 1'43	27°21	26°32	28°16	26° 3	9°17	26°22	16° 2	25°54	29°28	14°38	14°55	23°22	25°34	W 4
T 5	12 52 26	15° 0'53	9♏54	28°14	29°21	26°26	9° 9	26°17	16° 3	25°55	29°28	14°26	14°52	23°28	25°37	T 5
F 6	12 56 23	16° 0'02	22°13	29°58	0♊27	26°50	9° 2	26°13	16° 3	25°56	29°29	14°16	14°49	23°35	25°40	F 6
S 7	13 0 19	16°59'10	4♐18	1♈44	1°32	27°13	8°54	26° 8	16° 4	25°56	29°29	14° 8	14°46	23°42	25°43	S 7
S 8	13 4 16	17°58'15	16°14	3°30	2°36	27°35	8°46	26° 4	16° 5	25°57	29°30	14° 3	14°42	23°48	25°47	S 8
M 9	13 8 12	18°57'19	28° 3	5°19	3°41	27°58	8°39	25°59	16° 5	25°58	29°31	14° 1	14°39	23°55	25°50	M 9
T 10	13 12 9	19°56'20	9♑51	7° 8	4°45	28°20	8°31	25°55	16° 6	25°58	29°31	14° 0	14°36	24° 2	25°53	T 10
W11	13 16 5	20°55'20	21°43	9° 0	5°49	28°42	8°24	25°50	16° 7	25°59	29°32	14° 0	14°33	24° 8	25°56	W11
T 12	13 20 2	21°54'19	3♒45	10°52	6°53	29° 3	8°16	25°45	16° 7	25°59	29°32	13°59	14°30	24°15	25°59	T 12
F 13	13 23 58	22°53'15	16° 2	12°46	7°57	29°24	8° 9	25°41	16° 7	26° 0	29°33	13°58	14°27	24°22	26° 2	F 13
S 14	13 27 55	23°52'10	28°38	14°42	9° 0	29°45	8° 2	25°36	16° 8	26° 0	29°34	13°53	14°23	24°28	26° 5	S 14
S 15	13 31 52	24°51'03	11♓38	16°39	10° 3	0♑ 5	7°55	25°32	16° 8	26° 1	29°34	13°47	14°20	24°35	26° 8	S 15
M16	13 35 48	25°49'54	25° 3	18°37	11° 5	0°25	7°48	25°27	16° 8	26° 1	29°35	13°38	14°17	24°42	26°10	M16
T 17	13 39 45	26°48'43	8♈54	20°37	12° 7	0°44	7°41	25°22	16° 9	26° 2	29°36	13°27	14°14	24°48	26°13	T 17
W18	13 43 41	27°47'30	23° 7	22°39	13° 9	1° 3	7°34	25°18	16° 9	26° 2	29°37	13°15	14°11	24°55	26°16	W18
T 19	13 47 38	28°46'16	7♉37	24°41	14°11	1°22	7°27	25°13	16° 9	26° 2	29°37	13° 4	14° 7	25° 2	26°18	T 19
F 20	13 51 34	29°44'59	22°17	26°45	15°12	1°40	7°20	25° 8	16°R 9	26° 3	29°38	12°55	14° 4	25° 8	26°21	F 20
S 21	13 55 31	0♉43'41	6♊59	28°50	16°13	1°58	7°13	25° 4	16° 9	26° 3	29°39	12°48	14° 1	25°15	26°24	S 21
S 22	13 59 27	1°42'20	21°36	0♉55	17°13	2°15	7° 7	24°59	16° 9	26° 3	29°40	12°44	13°58	25°22	26°26	S 22
M23	14 3 24	2°40'57	6♋ 4	3° 2	18°14	2°32	7° 0	24°55	16° 9	26° 3	29°41	12°43	13°55	25°28	26°28	M23
T 24	14 7 21	3°39'32	20°18	5°10	19°13	2°48	6°54	24°50	16° 9	26° 3	29°42	12°D43	13°52	25°35	26°31	T 24
W25	14 11 17	4°38'05	4♌18	7°17	20°13	3° 4	6°48	24°46	16° 8	26° 4	29°42	12°R43	13°48	25°42	26°33	W25
T 26	14 15 14	5°36'36	18° 4	9°26	21°11	3°20	6°42	24°41	16° 8	26° 4	29°43	12°42	13°45	25°48	26°35	T 26
F 27	14 19 10	6°35'04	1♍35	11°34	22°10	3°35	6°36	24°37	16° 8	26° 4	29°44	12°40	13°42	25°55	26°38	F 27
S 28	14 23 7	7°33'30	14°54	13°41	23° 8	3°49	6°30	24°32	16° 7	26°R 4	29°45	12°35	13°39	26° 1	26°40	S 28
S 29	14 27 3	8°31'54	28° 0	15°49	24° 5	4° 3	6°24	24°28	16° 7	26° 4	29°46	12°27	13°36	26° 8	26°42	S 29
M30	14 31 0	9♉30'16	10♎54	17♉55	25♊ 2	4♑17	6♎19	24♎23	16♑ 7	26♑ 4	29♊47	12♑18	13♑33	26♐15	26♒44	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n23	0n32	4s28	5s32	2s23	21n 2	2n 6	23s 7	0n12	2s22	1n35	7s40	2n45	22s50	0s22	20s23	0n35	16n55	6s30	22s33	22s34	25s10	7s13	6n11
M 2	4 46	5s 4	4 52	4 53	2 23	21 21	2 10	23 10	0 10	2 19	1 35	7 39	2 45	22 49	0 22	20 23	0 35	16 55	6 30	22 34	22 34	25 10	7 11	6 11
T 3	5 9	10 20	5 0	4 13	2 22	21 41	2 14	23 12	0 9	2 16	1 35	7 37	2 45	22 49	0 22	20 23	0 35	16 56	6 30	22 36	22 35	25 9	7 10	6 12
W 4	5 32	15 4	4 53	3 32	2 21	21 59	2 17	23 14	0 7	2 13	1 35	7 35	2 46	22 49	0 22	20 23	0 35	16 56	6 29	22 37	22 35	25 9	7 9	6 12
T 5	5 55	19 4	4 31	2 50	2 19	22 17	2 21	23 17	0 6	2 10	1 35	7 34	2 46	22 49	0 22	20 22	0 35	16 56	6 29	22 38	22 35	25 8	7 7	6 12
F 6	6 17	22 8	3 58	2 7	2 17	22 35	2 25	23 19	0 4	2 7	1 35	7 32	2 46	22 49	0 22	20 22	0 35	16 56	6 29	22 39	22 36	25 8	7 6	6 12
S 7	6 40	24 9	3 14	1 23	2 15	22 52	2 28	23 21	0 2	2 4	1 35	7 30	2 46	22 49	0 22	20 22	0 35	16 56	6 29	22 40	22 36	25 7	7 5	6 13
S 8	7 3	25 3	2 21	0 38	2 12	23 9	2 32	23 23	0 1	2 1	1 35	7 29	2 46	22 49	0 22	20 22	0 35	16 57	6 29	22 41	22 37	25 7	7 3	6 13
M 9	7 25	24 48	1 23	0n 9	2 8	23 25	2 36	23 25	0s 1	1 58	1 35	7 27	2 46	22 49	0 22	20 22	0 35	16 57	6 28	22 41	22 37	25 6	7 2	6 13
T 10	7 47	23 25	0 22	0 56	2 4	23 41	2 39	23 27	0 3	1 55	1 35	7 25	2 46	22 49	0 22	20 22	0 35	16 57	6 28	22 41	22 37	25 6	7 1	6 13
W11	8 10	21 0	0n41	1 43	2 0	23 55	2 42	23 29	0 4	1 53	1 35	7 24	2 46	22 49	0 22	20 22	0 35	16 57	6 28	22 41	22 38	25 5	7 0	6 14
T 12	8 32	17 38	1 43	2 32	1 55	24 10	2 46	23 31	0 6	1 50	1 35	7 22	2 46	22 49	0 22	20 22	0 35	16 57	6 28	22 41	22 38	25 5	6 58	6 14
F 13	8 54	13 27	2 41	3 22	1 49	24 24	2 49	23 33	0 8	1 47	1 35	7 20	2 46	22 49	0 22	20 21	0 35	16 57	6 28	22 41	22 38	25 4	6 57	6 14
S 14	9 15	8 36	3 33	4 12	1 43	24 37	2 52	23 35	0 10	1 44	1 35	7 19	2 46	22 49	0 22	20 21	0 35	16 58	6 27	22 42	22 39	25 4	6 56	6 15
S 15	9 37	3 15	4 16	5 3	1 37	24 50	2 55	23 37	0 12	1 41	1 34	7 17	2 46	22 49	0 22	20 21	0 35	16 58	6 27	22 42	22 39	25 3	6 55	6 15
M16	9 58	2n25	4 46	5 54	1 30	25 2	2 59	23 39	0 14	1 39	1 34	7 15	2 46	22 49	0 22	20 21	0 35	16 58	6 27	22 43	22 39	25 2	6 53	6 15
T 17	10 20	8 8	5 0	6 46	1 22	25 14	3 2	23 41	0 16	1 36	1 34	7 14	2 46	22 49	0 22	20 21	0 35	16 58	6 27	22 44	22 40	25 2	6 52	6 16
W18	10 41	13 34	4 57	7 39	1 14	25 25	3 4	23 43	0 18	1 33	1 34	7 12	2 46	22 49	0 22	20 21	0 35	16 58	6 27	22 46	22 40	25 1	6 51	6 16
T 19	11 2	18 22	4 35	8 32	1 6	25 35	3 7	23 45	0 20	1 31	1 34	7 10	2 46	22 49	0 22	20 21	0 35	16 59	6 27	22 47	22 40	25 1	6 50	6 16
F 20	11 22	22 5	3 54	9 25	0 57	25 45	3 10	23 46	0 22	1 28	1 34	7 9	2 46	22 49	0 22	20 21	0 35	16 59	6 26	22 48	22 41	25 0	6 49	6 16
S 21	11 43	24 22	2 58	10 18	0 48	25 54	3 13	23 48	0 24	1 26	1 34	7 7	2 46	22 49	0 22	20 21	0 35	16 59	6 26	22 48	22 41	25 0	6 48	6 17
S 22	12 3	24 59	1 50	11 11	0 38	26 3	3 15	23 50	0 26	1 23	1 34	7 5	2 46	22 49	0 23	20 21	0 35	16 59	6 26	22 49	22 41	24 59	6 47	6 17
M23	12 24	23 52	0 35	12 4	0 29	26 11	3 18	23 52	0 29	1 21	1 34	7 4	2 46	22 49	0 23	20 21	0 35	16 59	6 26	22 49	22 42	24 58	6 45	6 17
T 24	12 44	21 13	0s40	12 57	0 18	26 18	3 20	23 54	0 31	1 18	1 33	7 2	2 46	22 49	0 23	20 21	0 35	16 59	6 26	22 49	22 42	24 58	6 44	6 18
W25	13 3	17 21	1 52	13 49	0 8	26 25	3 22	23 56	0 33	1 16	1 33	7 1	2 46	22 49	0 23	20 21	0 35	17 0	6 26	22 49	22 42	24 57	6 43	6 18
T 26	13 23	12 36	2 56	14 40	0n 3	26 31	3 24	23 58	0 36	1 14	1 33	6 59	2 46	22 49	0 23	20 21	0 35	17 0	6 25	22 49	22 43	24 56	6 42	6 18
F 27	13 42	7 19	3 50	15 30	0 13	26 37	3 26	24 0	0 38	1 12	1 33	6 57	2 46	22 49	0 23	20 21	0 35	17 0	6 25	22 49	22 43	24 56	6 41	6 19
S 28	14 1	1 48	4 29	16 19	0 24	26 42	3 28	24 2	0 40	1 10	1 33	6 56	2 46	22 49	0 23	20 21	0 35	17 0	6 25	22 49	22 43	24 55	6 40	6 19
S 29	14 20	3s42	4 54	17 7	0 35	26 47	3 30	24 4	0 43	1 7	1 33	6 54	2 46	22 49	0 23	20 21	0 35	17 0	6 25	22 50	22 44	24 55	6 39	6 19
M30	14n39	8s58	5s 3	17n53	0n46	26n51	3n32	24s 6	0s45	1s 5	1n32	6s53	2n45	22s49	0s23	20s21	0n35	17n 0	6s25	22s51	22s44	24s54	6s38	6n20

Julian Day Number = 2509708.5, Delta T = 128.23 sec
Ecliptic obliquity = 23°25'10, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°57'56, Lahiri = 26°04'56

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2159
geocentric

MAY 2159 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 34 56	10♉28'36	23♎37	20♉ 0	25♊59	4♑30	6°R14	24°R19	16°R 6	26°R 4	29♊48	12°R 7	13♑29	26♐21	26♒46	T 1
W 2	14 38 53	11°26'54	6♏ 7	22° 4	26°55	4°42	6♎ 8	24♎15	16♑ 5	26♑ 4	29°49	11♑56	13°26	26°28	26°48	W 2
T 3	14 42 50	12°25'10	18°26	24° 6	27°50	4°54	6° 3	24°11	16° 5	26° 3	29°50	11°45	13°23	26°35	26°50	T 3
F 4	14 46 46	13°23'25	0♐35	26° 6	28°45	5° 5	5°58	24° 6	16° 4	26° 3	29°51	11°37	13°20	26°41	26°51	F 4
S 5	14 50 43	14°21'38	12°34	28° 3	29°39	5°16	5°53	24° 2	16° 4	26° 3	29°52	11°31	13°17	26°48	26°53	S 5
S 6	14 54 39	15°19'49	24°26	29°58	0♋33	5°26	5°49	23°58	16° 3	26° 3	29°53	11°27	13°13	26°55	26°55	S 6
M 7	14 58 36	16°17'59	6♑13	1♊50	1°26	5°35	5°44	23°54	16° 2	26° 2	29°54	11°D25	13°10	27° 1	26°56	M 7
T 8	15 2 32	17°16'08	18° 1	3°39	2°18	5°44	5°40	23°50	16° 1	26° 2	29°55	11°25	13° 7	27° 8	26°58	T 8
W 9	15 6 29	18°14'14	29°53	5°25	3°10	5°52	5°36	23°46	16° 0	26° 2	29°56	11°26	13° 4	27°15	26°59	W 9
T 10	15 10 25	19°12'20	11♒54	7° 8	4° 1	6° 0	5°32	23°42	15°59	26° 1	29°58	11°27	13° 1	27°21	27° 1	T 10
F 11	15 14 22	20°10'24	24° 9	8°47	4°52	6° 7	5°28	23°38	15°58	26° 1	29°59	11°R27	12°58	27°28	27° 2	F 11
S 12	15 18 19	21° 8'26	6♓44	10°22	5°41	6°13	5°24	23°34	15°57	26° 1	29°59	11°26	12°54	27°35	27° 4	S 12
S 13	15 22 15	22° 6'27	19°43	11°54	6°30	6°18	5°21	23°30	15°56	26° 0	0♋ 1	11°23	12°51	27°41	27° 5	S 13
M14	15 26 12	23° 4'27	3♈ 9	13°22	7°19	6°23	5°17	23°27	15°55	26° 0	0° 2	11°18	12°48	27°48	27° 6	M14
T 15	15 30 8	24° 2'26	17° 3	14°47	8° 6	6°28	5°14	23°23	15°54	25°59	0° 3	11°11	12°45	27°55	27° 7	T 15
W16	15 34 5	25° 0'23	1♉23	16° 7	8°52	6°31	5°11	23°19	15°53	25°59	0° 5	11° 4	12°42	28° 1	27° 8	W16
T 17	15 38 1	25°58'19	16° 4	17°24	9°38	6°34	5° 8	23°16	15°52	25°58	0° 6	10°57	12°39	28° 8	27° 9	T 17
F 18	15 41 58	26°56'13	1♊ 1	18°37	10°23	6°36	5° 6	23°12	15°50	25°57	0° 7	10°51	12°35	28°15	27°10	F 18
S 19	15 45 54	27°54'06	16° 3	19°45	11° 7	6°37	5° 3	23° 9	15°49	25°57	0° 8	10°47	12°32	28°21	27°11	S 19
S 20	15 49 51	28°51'58	1♋ 2	20°50	11°49	6°R38	5° 1	23° 6	15°48	25°56	0°10	10°45	12°29	28°28	27°12	S 20
M21	15 53 48	29°49'48	15°50	21°50	12°31	6°37	4°59	23° 3	15°46	25°55	0°11	10°D45	12°26	28°34	27°13	M21
T 22	15 57 44	0♊47'36	0♌21	22°46	13°12	6°37	4°57	22°59	15°45	25°55	0°12	10°46	12°23	28°41	27°13	T 22
W23	16 1 41	1°45'23	14°32	23°38	13°52	6°35	4°55	22°56	15°43	25°54	0°13	10°47	12°19	28°48	27°14	W23
T 24	16 5 37	2°43'07	28°22	24°26	14°30	6°32	4°53	22°53	15°42	25°53	0°15	10°R48	12°16	28°54	27°14	T 24
F 25	16 9 34	3°40'50	11♍52	25° 9	15° 7	6°29	4°52	22°50	15°40	25°52	0°16	10°48	12°13	29° 1	27°15	F 25
S 26	16 13 30	4°38'32	25° 2	25°47	15°43	6°25	4°51	22°48	15°39	25°52	0°17	10°46	12°10	29° 8	27°15	S 26
S 27	16 17 27	5°36'12	7♎56	26°21	16°18	6°21	4°50	22°45	15°37	25°51	0°19	10°43	12° 7	29°14	27°16	S 27
M28	16 21 23	6°33'50	20°35	26°51	16°52	6°15	4°49	22°42	15°35	25°50	0°20	10°38	12° 4	29°21	27°16	M28
T 29	16 25 20	7°31'27	3♏ 1	27°15	17°24	6° 9	4°48	22°39	15°34	25°49	0°21	10°32	12° 0	29°28	27°16	T 29
W30	16 29 17	8°29'03	15°16	27°35	17°54	6° 2	4°48	22°37	15°32	25°48	0°23	10°27	11°57	29°34	27°16	W30
T 31	16 33 13	9♊26'37	27♏21	27♊51	18♋23	5♑55	4♎47	22♎35	15♑30	25♑47	0♋24	10♑22	11♑54	29♐41	27♒16	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14n57	13s46	4s57	18n38	0n56	26n55	3n33	24s 9	0s48	1s 3	1n32	6s51	2n45	22s50	0s23	20s21	0n35	17n 1	6s25	22s52	22s44	24s53	6s37	6n20
W 2	15 15	17 54	4 37	19 20	1 6	26 57	3 35	24 11	0 51	1 2	1 32	6 50	2 45	22 50	0 23	20 21	0 35	17 1	6 24	22 53	22 45	24 53	6 36	6 21
T 3	15 33	21 13	4 4	20 1	1 16	27 0	3 36	24 13	0 53	1 0	1 32	6 48	2 45	22 50	0 23	20 21	0 35	17 1	6 24	22 54	22 45	24 52	6 35	6 21
F 4	15 51	23 31	3 21	20 39	1 25	27 2	3 37	24 15	0 56	0 58	1 32	6 47	2 45	22 50	0 23	20 21	0 35	17 1	6 24	22 55	22 45	24 51	6 34	6 21
S 5	16 8	24 44	2 28	21 15	1 34	27 3	3 38	24 18	0 59	0 56	1 32	6 45	2 45	22 50	0 23	20 21	0 35	17 1	6 24	22 55	22 45	24 51	6 33	6 22
S 6	16 25	24 48	1 30	21 48	1 43	27 4	3 39	24 20	1 2	0 54	1 31	6 44	2 45	22 50	0 23	20 21	0 35	17 1	6 24	22 56	22 46	24 50	6 32	6 22
M 7	16 42	23 44	0 28	22 19	1 51	27 4	3 39	24 23	1 5	0 53	1 31	6 43	2 45	22 50	0 23	20 21	0 35	17 1	6 24	22 56	22 46	24 49	6 31	6 22
T 8	16 58	21 37	0n36	22 48	1 58	27 4	3 40	24 25	1 8	0 51	1 31	6 41	2 45	22 50	0 23	20 21	0 35	17 2	6 24	22 56	22 46	24 48	6 31	6 23
W 9	17 15	18 34	1 38	23 14	2 4	27 3	3 40	24 28	1 11	0 50	1 31	6 40	2 45	22 50	0 23	20 21	0 35	17 2	6 23	22 56	22 47	24 48	6 30	6 23
T 10	17 31	14 42	2 37	23 37	2 10	27 2	3 40	24 31	1 14	0 48	1 31	6 39	2 44	22 51	0 23	20 21	0 35	17 2	6 23	22 56	22 47	24 47	6 29	6 23
F 11	17 46	10 10	3 30	23 58	2 15	27 0	3 40	24 34	1 17	0 47	1 30	6 37	2 44	22 51	0 23	20 21	0 35	17 2	6 23	22 56	22 47	24 46	6 28	6 24
S 12	18 2	5 6	4 14	24 16	2 19	26 58	3 40	24 36	1 20	0 46	1 30	6 36	2 44	22 51	0 23	20 21	0 35	17 2	6 23	22 56	22 48	24 46	6 27	6 24
S 13	18 17	0n20	4 47	24 33	2 22	26 55	3 40	24 39	1 23	0 45	1 30	6 35	2 44	22 51	0 23	20 21	0 35	17 2	6 23	22 56	22 48	24 45	6 27	6 25
M14	18 32	5 55	5 5	24 47	2 24	26 52	3 39	24 42	1 27	0 44	1 30	6 34	2 44	22 51	0 23	20 21	0 35	17 2	6 23	22 56	22 48	24 44	6 26	6 25
T 15	18 46	11 24	5 7	24 58	2 26	26 48	3 38	24 46	1 30	0 43	1 30	6 32	2 44	22 51	0 23	20 21	0 35	17 3	6 23	22 57	22 49	24 43	6 25	6 25
W16	19 0	16 28	4 49	25 8	2 27	26 44	3 37	24 49	1 33	0 42	1 29	6 31	2 44	22 51	0 23	20 21	0 35	17 3	6 22	22 58	22 49	24 43	6 24	6 26
T 17	19 14	20 40	4 13	25 15	2 26	26 39	3 36	24 52	1 37	0 41	1 29	6 30	2 43	22 52	0 23	20 21	0 35	17 3	6 22	22 58	22 49	24 42	6 24	6 26
F 18	19 27	23 35	3 18	25 20	2 25	26 35	3 34	24 55	1 40	0 40	1 29	6 29	2 43	22 52	0 23	20 22	0 35	17 3	6 22	22 59	22 49	24 41	6 23	6 26
S 19	19 41	24 51	2 10	25 24	2 23	26 29	3 33	24 59	1 44	0 39	1 29	6 28	2 43	22 52	0 23	20 22	0 35	17 3	6 22	22 59	22 50	24 40	6 22	6 27
S 20	19 53	24 17	0 53	25 26	2 20	26 24	3 31	25 2	1 47	0 38	1 28	6 27	2 43	22 52	0 23	20 22	0 35	17 3	6 22	22 59	22 50	24 40	6 22	6 27
M21	20 6	22 1	0s28	25 25	2 16	26 18	3 29	25 6	1 51	0 38	1 28	6 26	2 43	22 52	0 23	20 22	0 35	17 3	6 22	22 59	22 50	24 39	6 21	6 28
T 22	20 18	18 21	1 45	25 24	2 11	26 11	3 26	25 10	1 55	0 37	1 28	6 25	2 42	22 53	0 23	20 22	0 35	17 3	6 22	22 59	22 51	24 38	6 21	6 28
W23	20 30	13 41	2 53	25 20	2 5	26 5	3 24	25 13	1 58	0 37	1 28	6 24	2 42	22 53	0 23	20 22	0 35	17 4	6 22	22 59	22 51	24 37	6 20	6 28
T 24	20 41	8 25	3 50	25 16	1 58	25 57	3 21	25 17	2 2	0 36	1 27	6 23	2 42	22 53	0 23	20 22	0 35	17 4	6 21	22 59	22 51	24 36	6 19	6 29
F 25	20 52	2 54	4 33	25 10	1 50	25 50	3 18	25 21	2 6	0 36	1 27	6 22	2 42	22 53	0 23	20 22	0 35	17 4	6 21	22 59	22 51	24 36	6 19	6 29
S 26	21 3	2s37	5 0	25 2	1 41	25 42	3 14	25 25	2 10	0 36	1 27	6 21	2 42	22 53	0 23	20 23	0 35	17 4	6 21	22 59	22 52	24 35	6 18	6 30
S 27	21 13	7 54	5 11	24 53	1 31	25 35	3 11	25 29	2 13	0 35	1 27	6 20	2 42	22 54	0 23	20 23	0 35	17 4	6 21	22 59	22 52	24 34	6 18	6 30
M28	21 23	12 46	5 7	24 43	1 21	25 26	3 7	25 33	2 17	0 35	1 26	6 20	2 41	22 54	0 23	20 23	0 35	17 4	6 21	23 0	22 52	24 33	6 17	6 30
T 29	21 33	17 1	4 48	24 32	1 9	25 18	3 2	25 38	2 21	0 35	1 26	6 19	2 41	22 54	0 23	20 23	0 35	17 4	6 21	23 0	22 53	24 32	6 17	6 31
W30	21 42	20 29	4 16	24 20	0 57	25 9	2 58	25 42	2 25	0 35	1 26	6 18	2 41	22 54	0 23	20 23	0 35	17 4	6 21	23 0	22 53	24 31	6 17	6 31
T 31	21n51	23s 1	3s33	24n 7	0n43	25n 0	2n53	25s46	2s29	0s35	1n26	6s17	2n41	22s54	0s23	20s23	0n35	17n 4	6s21	23s 1	22s53	24s31	6s16	6n31

Julian Day Number = 2509738.5, Delta T = 128.29 sec
Ecliptic obliquity = 23°25'09, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°58'00, Lahiri = 26°05'00

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2159
geocentric

JUNE 2159 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 37 10	10♊24'10	9♐20	28♊ 1	18♋51	5°R46	4°D47	22°R32	15°R28	25°R46	0♋25	10°R17	11♑51	29♐48	27°R17	F 1
S 2	16 41 6	11°21'42	21°12	28° 7	19°17	5♑37	4♎47	22♎30	15♑26	25♑45	0°27	10♑15	11°48	29°54	27♒16	S 2
S 3	16 45 3	12°19'13	3♑ 1	28°R 8	19°41	5°27	4°48	22°28	15°25	25°44	0°28	10°13	11°45	0♑ 1	27°16	S 3
M 4	16 48 59	13°16'43	14°48	28° 5	20° 4	5°17	4°48	22°26	15°23	25°43	0°29	10°D13	11°41	0° 8	27°16	M 4
T 5	16 52 56	14°14'13	26°37	27°57	20°24	5° 6	4°49	22°24	15°21	25°42	0°31	10°14	11°38	0°14	27°16	T 5
W 6	16 56 52	15°11'41	8♒31	27°45	20°43	4°54	4°49	22°22	15°19	25°41	0°32	10°15	11°35	0°21	27°16	W 6
T 7	17 0 49	16° 9'08	20°34	27°30	21° 0	4°41	4°50	22°20	15°17	25°39	0°34	10°17	11°32	0°27	27°15	T 7
F 8	17 4 46	17° 6'35	2♓50	27°10	21°16	4°28	4°51	22°18	15°15	25°38	0°35	10°18	11°29	0°34	27°15	F 8
S 9	17 8 42	18° 4'01	15°24	26°47	21°29	4°14	4°53	22°17	15°13	25°37	0°36	10°R19	11°25	0°41	27°15	S 9
S 10	17 12 39	19° 1'26	28°19	26°21	21°40	4° 0	4°54	22°15	15°11	25°36	0°38	10°19	11°22	0°47	27°14	S 10
M11	17 16 35	19°58'51	11♈40	25°52	21°49	3°45	4°56	22°14	15° 8	25°35	0°39	10°18	11°19	0°54	27°13	M11
T 12	17 20 32	20°56'15	25°28	25°22	21°55	3°29	4°58	22°12	15° 6	25°33	0°41	10°16	11°16	1° 1	27°13	T 12
W13	17 24 28	21°53'39	9♉43	24°50	22° 0	3°13	5° 0	22°11	15° 4	25°32	0°42	10°13	11°13	1° 7	27°12	W13
T 14	17 28 25	22°51'02	24°22	24°16	22°R 2	2°56	5° 2	22°10	15° 2	25°31	0°43	10°11	11°10	1°14	27°11	T 14
F 15	17 32 21	23°48'25	9♊21	23°43	22° 2	2°39	5° 4	22° 9	15° 0	25°30	0°45	10° 9	11° 6	1°21	27°10	F 15
S 16	17 36 18	24°45'47	24°30	23° 9	22° 0	2°22	5° 7	22° 8	14°58	25°28	0°46	10° 8	11° 3	1°27	27°10	S 16
S 17	17 40 15	25°43'08	9♋40	22°36	21°55	2° 4	5° 9	22° 7	14°55	25°27	0°48	10°D 8	11° 0	1°34	27° 9	S 17
M18	17 44 11	26°40'29	24°43	22° 5	21°48	1°46	5°12	22° 6	14°53	25°26	0°49	10° 8	10°57	1°41	27° 8	M18
T 19	17 48 8	27°37'49	9♌30	21°35	21°38	1°28	5°15	22° 6	14°51	25°24	0°51	10° 9	10°54	1°47	27° 6	T 19
W20	17 52 4	28°35'08	23°56	21° 7	21°26	1° 9	5°18	22° 5	14°49	25°23	0°52	10°10	10°51	1°54	27° 5	W20
T 21	17 56 1	29°32'26	7♍56	20°43	21°12	0°50	5°22	22° 5	14°46	25°21	0°53	10°11	10°47	2° 1	27° 4	T 21
F 22	17 59 57	0♋29'43	21°32	20°21	20°55	0°31	5°25	22° 4	14°44	25°20	0°55	10°11	10°44	2° 7	27° 3	F 22
S 23	18 3 54	1°26'59	4♎43	20° 3	20°36	0°12	5°29	22° 4	14°42	25°19	0°56	10°R11	10°41	2°14	27° 2	S 23
S 24	18 7 50	2°24'15	17°33	19°49	20°15	29♐53	5°33	22° 4	14°39	25°17	0°58	10°11	10°38	2°20	27° 0	S 24
M25	18 11 47	3°21'30	0♏ 4	19°39	19°51	29°34	5°37	22°D 4	14°37	25°16	0°59	10°10	10°35	2°27	26°59	M25
T 26	18 15 44	4°18'44	12°21	19°33	19°25	29°15	5°41	22° 4	14°35	25°14	1° 1	10°10	10°31	2°34	26°57	T 26
W27	18 19 40	5°15'58	24°25	19°D32	18°58	28°56	5°45	22° 4	14°32	25°13	1° 2	10° 9	10°28	2°40	26°56	W27
T 28	18 23 37	6°13'11	6♐22	19°35	18°28	28°37	5°50	22° 4	14°30	25°11	1° 3	10° 8	10°25	2°47	26°54	T 28
F 29	18 27 33	7°10'24	18°13	19°44	17°57	28°18	5°55	22° 5	14°27	25°10	1° 5	10° 8	10°22	2°54	26°52	F 29
S 30	18 31 30	8♋ 7'36	0♑ 1	19♊57	17♋24	28♐ 0	5♎59	22♎ 5	14♑25	25♑ 8	1♋ 6	10♑ 8	10♑19	3♑ 0	26♒51	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21n59	24s29	2s41	23n54	0n29	24n51	2n47	25s50	2s33	0s36	1n25	6s17	2n40	22s55	0s24	20s24	0n35	17n 5	6s21	23s 1	22s53	24s30	6s16	6n32
S 2	22 7	24 50	1 43	23 39	0 14	24 42	2 42	25 55	2 37	0 36	1 25	6 16	2 40	22 55	0 24	20 24	0 35	17 5	6 20	23 1	22 54	24 29	6 15	6 32
S 3	22 15	24 3	0 40	23 23	0s 1	24 33	2 36	25 59	2 41	0 36	1 25	6 15	2 40	22 55	0 24	20 24	0 35	17 5	6 20	23 2	22 54	24 28	6 15	6 33
M 4	22 22	22 11	0n25	23 7	0 17	24 23	2 30	26 4	2 45	0 37	1 25	6 15	2 40	22 55	0 24	20 24	0 35	17 5	6 20	23 2	22 54	24 27	6 15	6 33
T 5	22 29	19 21	1 29	22 51	0 34	24 14	2 23	26 8	2 49	0 37	1 24	6 14	2 40	22 56	0 24	20 24	0 35	17 5	6 20	23 1	22 55	24 26	6 15	6 33
W 6	22 36	15 43	2 30	22 34	0 50	24 4	2 16	26 12	2 53	0 38	1 24	6 14	2 39	22 56	0 24	20 25	0 35	17 5	6 20	23 1	22 55	24 25	6 14	6 34
T 7	22 42	11 23	3 24	22 16	1 8	23 54	2 9	26 17	2 57	0 38	1 24	6 13	2 39	22 56	0 24	20 25	0 35	17 5	6 20	23 1	22 55	24 25	6 14	6 34
F 8	22 48	6 33	4 11	21 58	1 25	23 44	2 1	26 21	3 1	0 39	1 24	6 13	2 39	22 56	0 24	20 25	0 35	17 5	6 20	23 1	22 55	24 24	6 14	6 34
S 9	22 53	1 21	4 47	21 41	1 42	23 34	1 53	26 26	3 5	0 40	1 23	6 13	2 39	22 57	0 24	20 25	0 35	17 5	6 20	23 1	22 56	24 23	6 14	6 35
S 10	22 58	4n 3	5 9	21 23	2 0	23 23	1 44	26 30	3 9	0 40	1 23	6 12	2 38	22 57	0 24	20 25	0 35	17 5	6 20	23 1	22 56	24 22	6 14	6 35
M11	23 2	9 27	5 16	21 5	2 16	23 13	1 35	26 35	3 13	0 41	1 23	6 12	2 38	22 57	0 24	20 26	0 35	17 5	6 20	23 1	22 56	24 21	6 13	6 36
T 12	23 7	14 34	5 5	20 47	2 33	23 3	1 26	26 39	3 17	0 42	1 23	6 12	2 38	22 57	0 24	20 26	0 35	17 5	6 20	23 1	22 56	24 20	6 13	6 36
W13	23 10	19 3	4 35	20 30	2 49	22 53	1 16	26 43	3 21	0 43	1 22	6 11	2 38	22 58	0 24	20 26	0 35	17 5	6 20	23 2	22 57	24 19	6 13	6 36
T 14	23 14	22 31	3 47	20 14	3 4	22 42	1 6	26 47	3 24	0 44	1 22	6 11	2 37	22 58	0 24	20 26	0 35	17 6	6 20	23 2	22 57	24 18	6 13	6 37
F 15	23 16	24 30	2 42	19 58	3 18	22 32	0 55	26 52	3 28	0 45	1 22	6 11	2 37	22 58	0 24	20 27	0 35	17 6	6 19	23 2	22 57	24 17	6 13	6 37
S 16	23 19	24 44	1 26	19 44	3 31	22 21	0 44	26 56	3 32	0 47	1 22	6 11	2 37	22 58	0 24	20 27	0 35	17 6	6 19	23 2	22 58	24 16	6 13	6 37
S 17	23 21	23 7	0 3	19 30	3 43	22 11	0 33	27 0	3 36	0 48	1 21	6 11	2 37	22 59	0 24	20 27	0 35	17 6	6 19	23 2	22 58	24 15	6 13	6 38
M18	23 23	19 51	1s20	19 17	3 54	22 0	0 21	27 4	3 39	0 49	1 21	6 11	2 36	22 59	0 24	20 27	0 35	17 6	6 19	23 2	22 58	24 14	6 13	6 38
T 19	23 24	15 21	2 36	19 6	4 4	21 50	0 9	27 7	3 43	0 51	1 21	6 11	2 36	22 59	0 24	20 28	0 35	17 6	6 19	23 2	22 58	24 13	6 13	6 38
W20	23 25	10 4	3 40	18 56	4 12	21 40	0s 3	27 11	3 46	0 52	1 21	6 11	2 36	23 0	0 24	20 28	0 35	17 6	6 19	23 2	22 59	24 12	6 13	6 39
T 21	23 25	4 26	4 29	18 48	4 19	21 29	0 16	27 15	3 50	0 54	1 20	6 11	2 36	23 0	0 24	20 28	0 35	17 6	6 19	23 2	22 59	24 11	6 13	6 39
F 22	23 25	1s15	5 1	18 41	4 24	21 19	0 29	27 18	3 53	0 55	1 20	6 11	2 35	23 0	0 24	20 28	0 35	17 6	6 19	23 2	22 59	24 10	6 13	6 39
S 23	23 25	6 42	5 16	18 36	4 28	21 9	0 42	27 21	3 56	0 57	1 20	6 11	2 35	23 0	0 24	20 29	0 35	17 6	6 19	23 2	22 59	24 9	6 13	6 40
S 24	23 24	11 44	5 15	18 32	4 30	20 58	0 56	27 24	3 59	0 59	1 20	6 11	2 35	23 1	0 24	20 29	0 35	17 6	6 19	23 2	23 0	24 9	6 14	6 40
M25	23 23	16 8	4 59	18 30	4 31	20 48	1 10	27 27	4 2	1 1	1 19	6 12	2 35	23 1	0 24	20 29	0 35	17 6	6 19	23 2	23 0	24 8	6 14	6 40
T 26	23 21	19 47	4 29	18 30	4 31	20 38	1 24	27 30	4 5	1 3	1 19	6 12	2 34	23 1	0 24	20 29	0 35	17 6	6 19	23 2	23 0	24 7	6 14	6 41
W27	23 19	22 32	3 48	18 31	4 30	20 28	1 38	27 33	4 8	1 5	1 19	6 12	2 34	23 1	0 24	20 30	0 35	17 6	6 19	23 2	23 0	24 5	6 14	6 41
T 28	23 16	24 15	2 57	18 34	4 27	20 18	1 52	27 35	4 11	1 7	1 19	6 12	2 34	23 2	0 24	20 30	0 35	17 6	6 19	23 2	23 1	24 4	6 14	6 41
F 29	23 13	24 52	1 59	18 39	4 23	20 8	2 6	27 38	4 13	1 9	1 19	6 13	2 34	23 2	0 24	20 30	0 35	17 6	6 19	23 2	23 1	24 3	6 15	6 42
S 30	23n10	24s21	0s56	18n45	4s18	19n58	2s21	27s40	4s16	1s11	1n18	6s13	2n33	23s 2	0s24	20s30	0n35	17n 6	6s19	23s 2	23s 1	24s 2	6s15	6n42

Julian Day Number = 2509769.5, Delta T = 128.35 sec
Ecliptic obliquity = 23°25'08, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°58'04, Lahiri = 26°05'05

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2159
geocentric

JULY 2159 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 35 26	9♋ 4'48	11♑49	20♊14	16°R50	27°R42	6♎ 4	22♎ 6	14°R23	25°R 7	1♋ 8	10°D 8	10♑16	3♑ 7	26°R49	S 1
M 2	18 39 23	10° 2'00	23°39	20°37	16♋15	27♐24	6° 9	22° 6	14♑20	25♑ 5	1° 9	10°R 8	10°12	3°14	26♒47	M 2
T 3	18 43 20	10°59'12	5♒33	21° 4	15°39	27° 6	6°15	22° 7	14°18	25° 4	1°11	10♑ 8	10° 9	3°20	26°45	T 3
W 4	18 47 16	11°56'24	17°34	21°36	15° 2	26°49	6°20	22° 8	14°15	25° 2	1°12	10° 8	10° 6	3°27	26°43	W 4
T 5	18 51 13	12°53'35	29°44	22°13	14°25	26°32	6°26	22° 9	14°13	25° 0	1°13	10° 7	10° 3	3°34	26°41	T 5
F 6	18 55 9	13°50'47	12♓ 6	22°55	13°47	26°16	6°31	22°10	14°11	24°59	1°15	10° 7	10° 0	3°40	26°39	F 6
S 7	18 59 6	14°47'59	24°43	23°41	13° 9	26° 0	6°37	22°11	14° 8	24°57	1°16	10° 7	9°57	3°47	26°37	S 7
S 8	19 3 2	15°45'11	7♈39	24°32	12°32	25°45	6°43	22°12	14° 6	24°56	1°18	10° 6	9°53	3°54	26°35	S 8
M 9	19 6 59	16°42'23	20°55	25°27	11°55	25°30	6°49	22°13	14° 3	24°54	1°19	10°D 6	9°50	4° 0	26°33	M 9
T 10	19 10 55	17°39'36	4♉35	26°27	11°19	25°16	6°56	22°15	14° 1	24°52	1°20	10° 7	9°47	4° 7	26°31	T 10
W11	19 14 52	18°36'49	18°39	27°31	10°44	25° 2	7° 2	22°16	13°58	24°51	1°22	10° 7	9°44	4°13	26°29	W11
T 12	19 18 49	19°34'03	3♊ 6	28°40	10°10	24°49	7° 8	22°18	13°56	24°49	1°23	10° 8	9°41	4°20	26°26	T 12
F 13	19 22 45	20°31'17	17°52	29°53	9°38	24°37	7°15	22°20	13°54	24°48	1°25	10° 9	9°37	4°27	26°24	F 13
S 14	19 26 42	21°28'32	2♋53	1♋10	9° 7	24°25	7°22	22°22	13°51	24°46	1°26	10°R 9	9°34	4°33	26°22	S 14
S 15	19 30 38	22°25'46	18° 0	2°31	8°37	24°15	7°29	22°23	13°49	24°44	1°27	10° 9	9°31	4°40	26°19	S 15
M16	19 34 35	23°23'01	3♌ 5	3°56	8°10	24° 4	7°36	22°25	13°46	24°43	1°29	10° 8	9°28	4°47	26°17	M16
T 17	19 38 31	24°20'16	17°58	5°25	7°44	23°55	7°43	22°28	13°44	24°41	1°30	10° 7	9°25	4°53	26°14	T 17
W18	19 42 28	25°17'31	2♍33	6°59	7°21	23°47	7°51	22°30	13°42	24°39	1°31	10° 5	9°22	5° 0	26°12	W18
T 19	19 46 24	26°14'47	16°43	8°36	6°59	23°39	7°58	22°32	13°39	24°38	1°33	10° 3	9°18	5° 7	26° 9	T 19
F 20	19 50 21	27°12'02	0♎26	10°16	6°40	23°32	8° 6	22°34	13°37	24°36	1°34	10° 2	9°15	5°13	26° 6	F 20
S 21	19 54 18	28° 9'18	13°43	12° 1	6°23	23°26	8°13	22°37	13°35	24°35	1°35	10° 0	9°12	5°20	26° 4	S 21
S 22	19 58 14	29° 6'33	26°35	13°48	6° 9	23°21	8°21	22°39	13°32	24°33	1°37	10°D 0	9° 9	5°27	26° 1	S 22
M23	20 2 11	0♌ 3'49	9♏ 5	15°39	5°57	23°17	8°29	22°42	13°30	24°31	1°38	10° 0	9° 6	5°33	25°58	M23
T 24	20 6 7	1° 1'05	21°18	17°33	5°47	23°13	8°37	22°45	13°28	24°30	1°39	10° 1	9° 2	5°40	25°56	T 24
W25	20 10 4	1°58'22	3♐18	19°29	5°39	23°11	8°45	22°48	13°25	24°28	1°40	10° 2	8°59	5°47	25°53	W25
T 26	20 14 0	2°55'38	15°10	21°28	5°34	23° 9	8°54	22°51	13°23	24°27	1°42	10° 4	8°56	5°53	25°50	T 26
F 27	20 17 57	3°52'56	26°58	23°28	5°32	23° 8	9° 2	22°54	13°21	24°25	1°43	10° 5	8°53	6° 0	25°47	F 27
S 28	20 21 53	4°50'13	8♑46	25°31	5°D32	23°D 8	9°11	22°57	13°19	24°23	1°44	10°R 6	8°50	6° 6	25°44	S 28
S 29	20 25 50	5°47'31	20°36	27°35	5°34	23° 9	9°19	23° 0	13°17	24°22	1°45	10° 6	8°47	6°13	25°42	S 29
M30	20 29 47	6°44'50	2♒32	29°40	5°38	23°11	9°28	23° 3	13°14	24°20	1°47	10° 4	8°43	6°20	25°39	M30
T 31	20 33 43	7♌42'10	14♒35	1♌45	5♋44	23♐13	9♎37	23♎ 7	13♑12	24♑19	1♋48	10♑ 1	8♑40	6♑26	25♒36	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n 6	22s44	0n 9	18n52	4s13	19n48	2s35	27s42	4s18	1s13	1n18	6s14	2n33	23s 2	0s24	20s31	0n35	17n 6	6s19	23s 2	23s 1	24s 1	6s15	6n42
M 2	23 2	20 8	1 14	19 0	4 6	19 38	2 49	27 44	4 20	1 15	1 18	6 14	2 33	23 3	0 24	20 31	0 35	17 6	6 19	23 2	23 2	24 0	6 16	6 42
T 3	22 58	16 39	2 17	19 10	3 58	19 29	3 3	27 46	4 22	1 17	1 18	6 15	2 33	23 3	0 24	20 31	0 35	17 6	6 19	23 2	23 2	23 59	6 16	6 43
W 4	22 53	12 29	3 13	19 20	3 49	19 19	3 16	27 47	4 24	1 20	1 17	6 15	2 32	23 3	0 24	20 32	0 35	17 6	6 19	23 2	23 2	23 58	6 16	6 43
T 5	22 48	7 46	4 2	19 32	3 40	19 10	3 30	27 49	4 26	1 22	1 17	6 16	2 32	23 4	0 24	20 32	0 35	17 6	6 19	23 2	23 2	23 57	6 17	6 43
F 6	22 42	2 42	4 41	19 44	3 30	19 1	3 42	27 50	4 28	1 25	1 17	6 16	2 32	23 4	0 24	20 32	0 35	17 6	6 19	23 2	23 3	23 56	6 17	6 44
S 7	22 36	2n35	5 6	19 57	3 20	18 52	3 55	27 51	4 30	1 27	1 17	6 17	2 31	23 4	0 24	20 32	0 35	17 6	6 19	23 2	23 3	23 55	6 18	6 44
S 8	22 29	7 53	5 17	20 10	3 8	18 44	4 7	27 52	4 31	1 30	1 16	6 18	2 31	23 4	0 24	20 33	0 35	17 6	6 19	23 2	23 3	23 54	6 18	6 44
M 9	22 23	12 58	5 12	20 24	2 57	18 36	4 19	27 53	4 33	1 32	1 16	6 19	2 31	23 5	0 24	20 33	0 35	17 6	6 19	23 2	23 3	23 53	6 18	6 44
T 10	22 15	17 34	4 49	20 38	2 45	18 28	4 30	27 54	4 34	1 35	1 16	6 19	2 31	23 5	0 24	20 33	0 35	17 6	6 19	23 2	23 4	23 52	6 19	6 45
W11	22 8	21 20	4 9	20 51	2 32	18 20	4 40	27 55	4 35	1 38	1 16	6 20	2 30	23 5	0 24	20 34	0 35	17 6	6 18	23 2	23 4	23 51	6 19	6 45
T 12	22 0	23 53	3 12	21 5	2 20	18 13	4 50	27 55	4 36	1 40	1 16	6 21	2 30	23 5	0 24	20 34	0 35	17 6	6 18	23 2	23 4	23 50	6 20	6 45
F 13	21 51	24 52	2 1	21 18	2 7	18 6	4 59	27 56	4 37	1 43	1 15	6 22	2 30	23 6	0 24	20 34	0 35	17 6	6 18	23 2	23 4	23 49	6 21	6 45
S 14	21 42	24 3	0 40	21 31	1 54	17 59	5 8	27 56	4 38	1 46	1 15	6 23	2 30	23 6	0 24	20 35	0 35	17 6	6 18	23 2	23 4	23 47	6 21	6 46
S 15	21 33	21 29	0s43	21 43	1 40	17 53	5 16	27 56	4 39	1 49	1 15	6 24	2 29	23 6	0 24	20 35	0 35	17 6	6 18	23 2	23 5	23 46	6 22	6 46
M16	21 24	17 27	2 4	21 55	1 27	17 48	5 23	27 56	4 40	1 52	1 15	6 25	2 29	23 6	0 24	20 35	0 35	17 6	6 18	23 2	23 5	23 45	6 22	6 46
T 17	21 14	12 20	3 15	22 5	1 14	17 43	5 29	27 57	4 40	1 55	1 15	6 26	2 29	23 7	0 24	20 35	0 35	17 6	6 18	23 2	23 5	23 44	6 23	6 46
W18	21 4	6 39	4 11	22 14	1 0	17 38	5 35	27 57	4 41	1 58	1 14	6 27	2 29	23 7	0 24	20 36	0 35	17 6	6 19	23 2	23 5	23 43	6 24	6 46
T 19	20 53	0 47	4 51	22 21	0 47	17 34	5 41	27 57	4 41	2 1	1 14	6 28	2 28	23 7	0 24	20 36	0 35	17 6	6 19	23 2	23 6	23 42	6 24	6 47
F 20	20 42	4s57	5 12	22 27	0 34	17 30	5 45	27 56	4 41	2 5	1 14	6 29	2 28	23 7	0 24	20 36	0 35	17 6	6 19	23 2	23 6	23 41	6 25	6 47
S 21	20 31	10 15	5 16	22 31	0 21	17 27	5 50	27 56	4 41	2 8	1 14	6 30	2 28	23 8	0 24	20 37	0 35	17 6	6 19	23 3	23 6	23 40	6 26	6 47
S 22	20 19	14 57	5 3	22 34	0 9	17 24	5 53	27 56	4 41	2 11	1 14	6 31	2 28	23 8	0 24	20 37	0 35	17 6	6 19	23 3	23 6	23 38	6 26	6 47
M23	20 7	18 52	4 37	22 33	0n 3	17 22	5 56	27 56	4 41	2 14	1 13	6 32	2 27	23 8	0 24	20 37	0 35	17 6	6 19	23 3	23 6	23 37	6 27	6 47
T 24	19 55	21 54	3 58	22 31	0 15	17 20	5 58	27 55	4 41	2 18	1 13	6 34	2 27	23 8	0 24	20 38	0 35	17 6	6 19	23 2	23 7	23 36	6 28	6 47
W25	19 42	23 54	3 9	22 26	0 26	17 18	6 0	27 55	4 41	2 21	1 13	6 35	2 27	23 9	0 24	20 38	0 35	17 6	6 19	23 2	23 7	23 35	6 29	6 48
T 26	19 29	24 48	2 13	22 19	0 37	17 17	6 1	27 55	4 40	2 24	1 13	6 36	2 27	23 9	0 24	20 38	0 35	17 6	6 19	23 2	23 7	23 34	6 30	6 48
F 27	19 16	24 35	1 12	22 9	0 47	17 16	6 2	27 54	4 40	2 28	1 13	6 38	2 26	23 9	0 24	20 38	0 35	17 6	6 19	23 2	23 7	23 33	6 30	6 48
S 28	19 2	23 15	0 7	21 56	0 56	17 16	6 2	27 54	4 40	2 31	1 12	6 39	2 26	23 9	0 24	20 39	0 35	17 6	6 19	23 2	23 8	23 31	6 31	6 48
S 29	18 48	20 54	0n58	21 41	1 4	17 16	6 2	27 53	4 39	2 35	1 12	6 40	2 26	23 9	0 24	20 39	0 35	17 6	6 19	23 2	23 8	23 30	6 32	6 48
M30	18 34	17 38	2 0	21 23	1 12	17 16	6 2	27 53	4 39	2 39	1 12	6 42	2 26	23 10	0 24	20 39	0 35	17 6	6 19	23 2	23 8	23 29	6 33	6 48
T 31	18n20	13s36	2n58	21n 2	1n19	17n17	6s 1	27s52	4s38	2s42	1n12	6s43	2n25	23s10	0s24	20s40	0n35	17n 6	6s19	23s 2	23s 8	23s28	6s34	6n48

Julian Day Number = 2509799.5, Delta T = 128.41 sec
Ecliptic obliquity = 23°25'08, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°58'08, Lahiri = 26°05'09

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2159
geocentric

AUGUST 2159 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 37 40	8♌39'30	26♒47	3♌52	5♋53	23♐16	9♎46	23♎10	13°R10	24°R17	1♋49	9°R57	8♏37	6♏33	25°R33	W 1
T 2	20 41 36	9°36'51	9♓10	5°58	6° 4	23°20	9°55	23°13	13♏ 8	24♏16	1°50	9♏52	8°34	6°40	25♒30	T 2
F 3	20 45 33	10°34'12	21°45	8° 4	6°17	23°25	10° 4	23°17	13° 6	24°14	1°51	9°47	8°31	6°46	25°27	F 3
S 4	20 49 29	11°31'35	4♈34	10°10	6°31	23°31	10°13	23°21	13° 4	24°12	1°53	9°43	8°28	6°53	25°24	S 4
S 5	20 53 26	12°28'59	17°37	12°15	6°48	23°37	10°23	23°25	13° 2	24°11	1°54	9°39	8°24	7° 0	25°21	S 5
M 6	20 57 22	13°26'24	0♉55	14°20	7° 7	23°45	10°32	23°28	13° 0	24° 9	1°55	9°37	8°21	7° 6	25°18	M 6
T 7	21 1 19	14°23'50	14°32	16°24	7°28	23°53	10°42	23°32	12°58	24° 8	1°56	9°D36	8°18	7°13	25°15	T 7
W 8	21 5 16	15°21'18	28°26	18°26	7°50	24° 2	10°51	23°36	12°56	24° 6	1°57	9°37	8°15	7°20	25°11	W 8
T 9	21 9 12	16°18'47	12♊37	20°27	8°14	24°11	11° 1	23°40	12°54	24° 5	1°58	9°38	8°12	7°26	25° 8	T 9
F 10	21 13 9	17°16'17	27° 6	22°27	8°40	24°21	11°11	23°45	12°52	24° 3	1°59	9°39	8° 8	7°33	25° 5	F 10
S 11	21 17 5	18°13'49	11♋48	24°26	9° 7	24°33	11°21	23°49	12°50	24° 2	2° 0	9°R40	8° 5	7°39	25° 2	S 11
S 12	21 21 2	19°11'21	26°38	26°23	9°36	24°44	11°31	23°53	12°49	24° 1	2° 1	9°39	8° 2	7°46	24°59	S 12
M13	21 24 58	20° 8'55	11♌30	28°19	10° 6	24°57	11°41	23°58	12°47	23°59	2° 2	9°36	7°59	7°53	24°56	M13
T 14	21 28 55	21° 6'30	26°16	0♍14	10°38	25°10	11°51	24° 2	12°45	23°58	2° 3	9°31	7°56	7°59	24°53	T 14
W15	21 32 51	22° 4'06	10♍47	2° 7	11°11	25°24	12° 1	24° 7	12°43	23°56	2° 4	9°25	7°53	8° 6	24°50	W15
T 16	21 36 48	23° 1'43	24°59	3°58	11°45	25°39	12°12	24°11	12°42	23°55	2° 5	9°18	7°49	8°13	24°46	T 16
F 17	21 40 45	23°59'22	8♎45	5°48	12°21	25°54	12°22	24°16	12°40	23°54	2° 6	9°12	7°46	8°19	24°43	F 17
S 18	21 44 41	24°57'01	22° 5	7°36	12°57	26°10	12°33	24°21	12°39	23°52	2° 7	9° 6	7°43	8°26	24°40	S 18
S 19	21 48 38	25°54'41	5♏ 0	9°23	13°35	26°27	12°43	24°26	12°37	23°51	2° 8	9° 2	7°40	8°33	24°37	S 19
M20	21 52 34	26°52'22	17°31	11° 9	14°15	26°44	12°54	24°30	12°35	23°50	2° 9	9° 0	7°37	8°39	24°34	M20
T 21	21 56 31	27°50'04	29°45	12°53	14°55	27° 2	13° 5	24°35	12°34	23°48	2°10	8°D59	7°34	8°46	24°31	T 21
W22	22 0 27	28°47'48	11♐44	14°36	15°36	27°21	13°16	24°40	12°33	23°47	2°11	9° 0	7°30	8°53	24°28	W22
T 23	22 4 24	29°45'32	23°35	16°17	16°18	27°40	13°27	24°46	12°31	23°46	2°12	9° 1	7°27	8°59	24°24	T 23
F 24	22 8 20	0♑43'18	5♑23	17°57	17° 2	28° 0	13°38	24°51	12°30	23°45	2°13	9°R 2	7°24	9° 6	24°21	F 24
S 25	22 12 17	1°41'04	17°12	19°35	17°46	28°20	13°49	24°56	12°29	23°43	2°13	9° 2	7°21	9°12	24°18	S 25
S 26	22 16 14	2°38'52	29° 6	21°12	18°31	28°41	14° 0	25° 1	12°27	23°42	2°14	9° 0	7°18	9°19	24°15	S 26
M27	22 20 10	3°36'42	11♒10	22°48	19°17	29° 2	14°11	25° 7	12°26	23°41	2°15	8°55	7°14	9°26	24°12	M27
T 28	22 24 7	4°34'32	23°24	24°22	20° 4	29°24	14°22	25°12	12°25	23°40	2°16	8°48	7°11	9°32	24° 9	T 28
W29	22 28 3	5°32'24	5♓52	25°55	20°51	29°47	14°34	25°18	12°24	23°39	2°17	8°40	7° 8	9°39	24° 6	W29
T 30	22 32 0	6°30'17	18°33	27°26	21°40	0♏10	14°45	25°23	12°23	23°38	2°17	8°30	7° 5	9°46	24° 3	T 30
F 31	22 35 56	7♑28'12	1♈27	28♑56	22♋29	0♏33	14♎56	25♎29	12♏21	23♏37	2♋18	8♏20	7♏ 2	9♏52	24♒ 0	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	18n 5	8s59	3n49	20n39	1n25	17n18	6s 0	27s52	4s37	2s46	1n12	6s45	2n25	23s10	0s24	20s40	0n35	17n 6	6s19	23s 3	23s 8	23s27	6s35	6n48
T 2	17 50	3 58	4 29	20 14	1 30	17 19	5 58	27 51	4 36	2 50	1 11	6 46	2 25	23 10	0 24	20 40	0 35	17 6	6 19	23 3	23 9	23 25	6 36	6 48
F 3	17 34	1n17	4 57	19 46	1 35	17 20	5 56	27 51	4 36	2 53	1 11	6 48	2 25	23 10	0 24	20 40	0 35	17 5	6 19	23 4	23 9	23 24	6 36	6 49
S 4	17 19	6 34	5 11	19 16	1 39	17 22	5 54	27 50	4 35	2 57	1 11	6 49	2 25	23 11	0 24	20 41	0 35	17 5	6 19	23 4	23 9	23 23	6 37	6 49
S 5	17 3	11 40	5 9	18 44	1 42	17 24	5 51	27 49	4 34	3 1	1 11	6 51	2 24	23 11	0 24	20 41	0 35	17 5	6 19	23 4	23 9	23 22	6 38	6 49
M 6	16 46	16 20	4 51	18 10	1 44	17 26	5 49	27 49	4 33	3 5	1 11	6 53	2 24	23 11	0 24	20 41	0 35	17 5	6 19	23 4	23 9	23 20	6 39	6 49
T 7	16 30	20 16	4 16	17 35	1 45	17 28	5 45	27 48	4 32	3 9	1 11	6 54	2 24	23 11	0 24	20 42	0 35	17 5	6 19	23 4	23 10	23 19	6 40	6 49
W 8	16 13	23 8	3 26	16 58	1 46	17 30	5 42	27 47	4 31	3 13	1 10	6 56	2 24	23 11	0 24	20 42	0 35	17 5	6 19	23 4	23 10	23 18	6 41	6 49
T 9	15 56	24 38	2 22	16 20	1 46	17 32	5 39	27 47	4 30	3 17	1 10	6 58	2 23	23 12	0 24	20 42	0 35	17 5	6 19	23 4	23 10	23 17	6 42	6 49
F 10	15 39	24 31	1 8	15 40	1 45	17 34	5 35	27 46	4 28	3 21	1 10	6 59	2 23	23 12	0 24	20 42	0 35	17 5	6 19	23 4	23 10	23 15	6 43	6 49
S 11	15 21	22 42	0s12	15 0	1 44	17 36	5 31	27 45	4 27	3 25	1 10	7 1	2 23	23 12	0 24	20 43	0 35	17 5	6 19	23 4	23 10	23 14	6 44	6 49
S 12	15 3	19 19	1 31	14 19	1 42	17 38	5 27	27 45	4 26	3 29	1 10	7 3	2 23	23 12	0 24	20 43	0 35	17 5	6 19	23 4	23 11	23 13	6 45	6 49
M13	14 45	14 41	2 44	13 36	1 40	17 40	5 23	27 44	4 25	3 33	1 10	7 5	2 23	23 12	0 24	20 43	0 35	17 5	6 19	23 4	23 11	23 12	6 46	6 49
T 14	14 27	9 12	3 46	12 53	1 37	17 42	5 18	27 43	4 23	3 37	1 10	7 7	2 22	23 12	0 24	20 43	0 35	17 5	6 19	23 5	23 11	23 10	6 47	6 49
W15	14 8	3 19	4 32	12 10	1 33	17 44	5 14	27 42	4 22	3 41	1 9	7 8	2 22	23 13	0 24	20 44	0 35	17 5	6 19	23 5	23 11	23 9	6 48	6 49
T 16	13 50	2s35	5 0	11 26	1 29	17 46	5 9	27 41	4 21	3 45	1 9	7 10	2 22	23 13	0 24	20 44	0 35	17 5	6 20	23 6	23 11	23 8	6 49	6 49
F 17	13 31	8 12	5 9	10 42	1 25	17 48	5 4	27 41	4 19	3 49	1 9	7 12	2 22	23 13	0 24	20 44	0 35	17 5	6 20	23 6	23 11	23 6	6 50	6 49
S 18	13 12	13 15	5 1	9 57	1 20	17 49	4 59	27 40	4 18	3 54	1 9	7 14	2 21	23 13	0 24	20 44	0 35	17 4	6 20	23 6	23 12	23 5	6 51	6 49
S 19	12 52	17 32	4 38	9 12	1 15	17 51	4 54	27 39	4 17	3 58	1 9	7 16	2 21	23 13	0 24	20 45	0 35	17 4	6 20	23 7	23 12	23 4	6 53	6 49
M20	12 33	20 55	4 2	8 27	1 9	17 52	4 49	27 38	4 15	4 2	1 9	7 18	2 21	23 13	0 24	20 45	0 35	17 4	6 20	23 7	23 12	23 3	6 54	6 49
T 21	12 13	23 16	3 16	7 42	1 4	17 53	4 44	27 37	4 14	4 7	1 9	7 20	2 21	23 13	0 24	20 45	0 35	17 4	6 20	23 7	23 12	23 1	6 55	6 48
W22	11 53	24 31	2 22	6 57	0 57	17 54	4 38	27 36	4 12	4 11	1 8	7 22	2 21	23 14	0 24	20 45	0 35	17 4	6 20	23 7	23 12	23 0	6 56	6 48
T 23	11 33	24 38	1 22	6 12	0 51	17 54	4 33	27 34	4 11	4 15	1 8	7 24	2 21	23 14	0 24	20 46	0 35	17 4	6 20	23 7	23 13	22 59	6 57	6 48
F 24	11 12	23 38	0 20	5 26	0 44	17 55	4 28	27 33	4 9	4 20	1 8	7 26	2 20	23 14	0 24	20 46	0 35	17 4	6 20	23 7	23 13	22 57	6 58	6 48
S 25	10 52	21 35	0n44	4 42	0 37	17 55	4 22	27 32	4 7	4 24	1 8	7 28	2 20	23 14	0 24	20 46	0 35	17 4	6 20	23 7	23 13	22 56	6 59	6 48
S 26	10 31	18 36	1 46	3 57	0 30	17 54	4 16	27 31	4 6	4 28	1 8	7 30	2 20	23 14	0 24	20 46	0 35	17 4	6 20	23 7	23 13	22 55	7 0	6 48
M27	10 10	14 47	2 44	3 12	0 23	17 54	4 11	27 29	4 4	4 33	1 8	7 32	2 20	23 14	0 24	20 47	0 35	17 4	6 20	23 7	23 13	22 53	7 1	6 48
T 28	9 49	10 19	3 35	2 28	0 15	17 53	4 5	27 28	4 3	4 37	1 8	7 35	2 20	23 14	0 24	20 47	0 35	17 4	6 20	23 8	23 13	22 52	7 2	6 48
W29	9 28	5 22	4 17	1 44	0 7	17 52	3 59	27 26	4 1	4 42	1 7	7 37	2 19	23 14	0 24	20 47	0 35	17 4	6 20	23 8	23 14	22 51	7 4	6 48
T 30	9 7	0 8	4 46	1 0	0s 1	17 50	3 53	27 25	3 59	4 46	1 7	7 39	2 19	23 14	0 24	20 47	0 34	17 3	6 21	23 9	23 14	22 49	7 5	6 47
F 31	8n46	5n12	5n 2	0n17	0s 9	17n48	3s48	27s23	3s58	4s51	1n 7	7s41	2n19	23s15	0s24	20s47	0n34	17n 3	6s21	23s 9	23s14	22s48	7s 6	6n47

Julian Day Number = 2509830.5, Delta T = 128.48 sec
Ecliptic obliquity = 23°25'08, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°58'13, Lahiri = 26°05'13

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2159
geocentric

SEPTEMBER 2159 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 39 53	8♍26'09	14♈34	0♎25	23♋19	0♑57	15♎ 8	25♎34	12°R20	23°R36	2♋19	8°R10	6♑59	9♑59	23°R57	S 1
S 2	22 43 49	9°24'08	27°54	1°52	24°10	1°22	15°20	25°40	12♑20	23♑35	2°19	8♑ 2	6°55	10° 6	23♒54	S 2
M 3	22 47 46	10°22'08	11♉24	3°18	25° 1	1°47	15°31	25°46	12°19	23°34	2°20	7°56	6°52	10°12	23°51	M 3
T 4	22 51 43	11°20'10	25° 6	4°43	25°53	2°12	15°43	25°52	12°18	23°33	2°21	7°53	6°49	10°19	23°48	T 4
W 5	22 55 39	12°18'14	8♊58	6° 6	26°46	2°38	15°55	25°58	12°17	23°32	2°21	7°D52	6°46	10°26	23°45	W 5
T 6	22 59 36	13°16'21	23° 1	7°27	27°39	3° 4	16° 6	26° 3	12°16	23°31	2°22	7°52	6°43	10°32	23°42	T 6
F 7	23 3 32	14°14'29	7♋13	8°48	28°33	3°31	16°18	26° 9	12°15	23°30	2°22	7°R52	6°40	10°39	23°39	F 7
S 8	23 7 29	15°12'39	21°35	10° 6	29°28	3°58	16°30	26°15	12°15	23°29	2°23	7°52	6°36	10°46	23°36	S 8
S 9	23 11 25	16°10'51	6♌ 2	11°23	0♌23	4°26	16°42	26°22	12°14	23°28	2°24	7°49	6°33	10°52	23°33	S 9
M10	23 15 22	17° 9'05	20°31	12°38	1°18	4°54	16°54	26°28	12°13	23°27	2°24	7°44	6°30	10°59	23°31	M10
T 11	23 19 18	18° 7'21	4♍56	13°52	2°15	5°23	17° 6	26°34	12°13	23°27	2°25	7°36	6°27	11° 5	23°28	T 11
W12	23 23 15	19° 5'39	19°11	15° 4	3°11	5°51	17°19	26°40	12°12	23°26	2°25	7°26	6°24	11°12	23°25	W12
T 13	23 27 12	20° 3'58	3♎11	16°14	4° 8	6°21	17°31	26°46	12°12	23°25	2°25	7°14	6°20	11°19	23°22	T 13
F 14	23 31 8	21° 2'19	16°50	17°22	5° 6	6°50	17°43	26°53	12°12	23°24	2°26	7° 3	6°17	11°25	23°20	F 14
S 15	23 35 5	22° 0'42	0♏ 7	18°27	6° 4	7°20	17°55	26°59	12°11	23°24	2°26	6°53	6°14	11°32	23°17	S 15
S 16	23 39 1	22°59'07	13° 1	19°31	7° 2	7°51	18° 8	27° 6	12°11	23°23	2°27	6°45	6°11	11°39	23°15	S 16
M17	23 42 58	23°57'33	25°32	20°32	8° 1	8°21	18°20	27°12	12°11	23°23	2°27	6°39	6° 8	11°45	23°12	M17
T 18	23 46 54	24°56'01	7♐46	21°31	9° 1	8°52	18°32	27°18	12°10	23°22	2°27	6°36	6° 5	11°52	23° 9	T 18
W19	23 50 51	25°54'30	19°46	22°27	10° 1	9°24	18°45	27°25	12°10	23°21	2°28	6°35	6° 1	11°59	23° 7	W19
T 20	23 54 47	26°53'01	1♑37	23°21	11° 1	9°56	18°57	27°32	12°10	23°21	2°28	6°35	5°58	12° 5	23° 5	T 20
F 21	23 58 44	27°51'34	13°25	24°11	12° 1	10°28	19°10	27°38	12°D10	23°21	2°28	6°35	5°55	12°12	23° 2	F 21
S 22	0 2 40	28°50'09	25°15	24°58	13° 2	11° 0	19°22	27°45	12°10	23°20	2°29	6°34	5°52	12°19	23° 0	S 22
S 23	0 6 37	29°48'45	7♒13	25°41	14° 3	11°33	19°35	27°52	12°10	23°20	2°29	6°30	5°49	12°25	22°58	S 23
M24	0 10 34	0♎47'22	19°23	26°20	15° 5	12° 6	19°47	27°58	12°10	23°19	2°29	6°25	5°45	12°32	22°55	M24
T 25	0 14 30	1°46'02	1♓47	26°56	16° 7	12°39	20° 0	28° 5	12°10	23°19	2°29	6°16	5°42	12°38	22°53	T 25
W26	0 18 27	2°44'43	14°29	27°26	17° 9	13°13	20°13	28°12	12°11	23°19	2°29	6° 5	5°39	12°45	22°51	W26
T 27	0 22 23	3°43'26	27°29	27°52	18°12	13°46	20°25	28°19	12°11	23°18	2°29	5°53	5°36	12°52	22°49	T 27
F 28	0 26 20	4°42'11	10♈45	28°13	19°15	14°21	20°38	28°25	12°11	23°18	2°30	5°40	5°33	12°58	22°47	F 28
S 29	0 30 16	5°40'58	24°16	28°28	20°18	14°55	20°51	28°32	12°12	23°18	2°30	5°28	5°30	13° 5	22°45	S 29
S 30	0 34 13	6♎39'48	7♉59	28♎37	21♌22	15♑30	21♎ 4	28♎39	12♑12	23♑18	2♋30	5♑18	5♑26	13♑12	22♒43	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n24	10n23	5n 2	0s26	0s17	17n46	3s42	27s21	3s56	4s55	1n 7	7s43	2n19	23s15	0s24	20s48	0n34	17n 3	6s21	23s10	23s14	22s46	7s 7	6n47
S 2	8 2	15 10	4 46	1 8	0 25	17 43	3 36	27 19	3 55	5 0	1 7	7 45	2 19	23 15	0 24	20 48	0 34	17 3	6 21	23 11	23 14	22 45	7 8	6 47
M 3	7 40	19 16	4 14	1 50	0 34	17 40	3 30	27 17	3 53	5 5	1 7	7 48	2 19	23 15	0 24	20 48	0 34	17 3	6 21	23 11	23 14	22 44	7 9	6 47
T 4	7 18	22 23	3 27	2 31	0 42	17 37	3 24	27 15	3 51	5 9	1 7	7 50	2 18	23 15	0 24	20 48	0 34	17 3	6 21	23 11	23 15	22 42	7 10	6 47
W 5	6 56	24 13	2 28	3 12	0 51	17 33	3 18	27 13	3 50	5 14	1 7	7 52	2 18	23 15	0 24	20 48	0 34	17 3	6 21	23 11	23 15	22 41	7 11	6 46
T 6	6 34	24 32	1 18	3 52	0 59	17 28	3 12	27 11	3 48	5 18	1 7	7 54	2 18	23 15	0 24	20 49	0 34	17 3	6 21	23 11	23 15	22 39	7 13	6 46
F 7	6 12	23 17	0 3	4 32	1 8	17 24	3 6	27 8	3 46	5 23	1 6	7 57	2 18	23 15	0 24	20 49	0 34	17 3	6 21	23 11	23 15	22 38	7 14	6 46
S 8	5 49	20 30	1s12	5 10	1 17	17 19	3 0	27 6	3 44	5 28	1 6	7 59	2 18	23 15	0 24	20 49	0 34	17 3	6 21	23 11	23 15	22 37	7 15	6 46
S 9	5 27	16 25	2 24	5 49	1 25	17 13	2 54	27 3	3 43	5 32	1 6	8 1	2 18	23 15	0 24	20 49	0 34	17 3	6 21	23 11	23 15	22 35	7 16	6 45
M10	5 4	11 23	3 26	6 26	1 34	17 7	2 48	27 1	3 41	5 37	1 6	8 4	2 18	23 15	0 24	20 49	0 34	17 2	6 21	23 12	23 16	22 34	7 17	6 45
T 11	4 42	5 44	4 15	7 2	1 43	17 0	2 42	26 58	3 39	5 42	1 6	8 6	2 17	23 15	0 24	20 49	0 34	17 2	6 22	23 12	23 16	22 32	7 18	6 45
W12	4 19	0s 8	4 47	7 38	1 51	16 54	2 36	26 55	3 38	5 46	1 6	8 8	2 17	23 15	0 24	20 50	0 34	17 2	6 22	23 13	23 16	22 31	7 19	6 45
T 13	3 56	5 52	5 1	8 13	2 0	16 46	2 30	26 52	3 36	5 51	1 6	8 11	2 17	23 15	0 24	20 50	0 34	17 2	6 22	23 13	23 16	22 30	7 20	6 45
F 14	3 33	11 11	4 58	8 47	2 8	16 38	2 24	26 48	3 34	5 56	1 6	8 13	2 17	23 15	0 24	20 50	0 34	17 2	6 22	23 14	23 16	22 28	7 21	6 44
S 15	3 10	15 50	4 38	9 20	2 16	16 30	2 19	26 45	3 32	6 1	1 6	8 16	2 17	23 15	0 24	20 50	0 34	17 2	6 22	23 14	23 16	22 27	7 23	6 44
S 16	2 47	19 36	4 4	9 51	2 24	16 21	2 13	26 41	3 31	6 5	1 6	8 18	2 17	23 15	0 24	20 50	0 34	17 2	6 22	23 15	23 16	22 25	7 24	6 44
M17	2 24	22 21	3 20	10 22	2 32	16 12	2 7	26 38	3 29	6 10	1 6	8 20	2 17	23 15	0 24	20 50	0 34	17 2	6 22	23 15	23 17	22 24	7 25	6 43
T 18	2 1	24 0	2 27	10 51	2 40	16 3	2 1	26 34	3 27	6 15	1 5	8 23	2 17	23 15	0 24	20 50	0 34	17 2	6 22	23 15	23 17	22 22	7 26	6 43
W19	1 38	24 29	1 28	11 20	2 48	15 52	1 55	26 30	3 25	6 20	1 5	8 25	2 16	23 15	0 24	20 51	0 34	17 2	6 22	23 15	23 17	22 21	7 27	6 43
T 20	1 14	23 51	0 26	11 46	2 55	15 42	1 49	26 26	3 24	6 25	1 5	8 28	2 16	23 15	0 24	20 51	0 34	17 1	6 22	23 15	23 17	22 19	7 28	6 43
F 21	0 51	22 9	0n36	12 11	3 2	15 31	1 44	26 22	3 22	6 29	1 5	8 30	2 16	23 15	0 24	20 51	0 34	17 1	6 23	23 15	23 17	22 18	7 29	6 42
S 22	0 28	19 28	1 37	12 35	3 9	15 19	1 38	26 17	3 20	6 34	1 5	8 33	2 16	23 15	0 24	20 51	0 34	17 1	6 23	23 15	23 17	22 16	7 30	6 42
S 23	0 4	15 57	2 35	12 57	3 15	15 7	1 32	26 13	3 18	6 39	1 5	8 35	2 16	23 15	0 24	20 51	0 34	17 1	6 23	23 16	23 17	22 15	7 31	6 42
M24	0s19	11 44	3 26	13 17	3 21	14 55	1 27	26 8	3 17	6 44	1 5	8 38	2 16	23 15	0 24	20 51	0 34	17 1	6 23	23 16	23 18	22 13	7 32	6 41
T 25	0 42	6 57	4 8	13 35	3 26	14 42	1 21	26 3	3 15	6 49	1 5	8 40	2 16	23 15	0 24	20 51	0 34	17 1	6 23	23 16	23 18	22 12	7 33	6 41
W26	1 5	1 48	4 40	13 50	3 31	14 29	1 16	25 58	3 13	6 53	1 5	8 43	2 16	23 15	0 24	20 51	0 34	17 1	6 23	23 17	23 18	22 10	7 34	6 41
T 27	1 29	3n32	4 57	14 4	3 35	14 15	1 10	25 53	3 11	6 58	1 5	8 45	2 16	23 15	0 24	20 51	0 34	17 1	6 23	23 17	23 18	22 9	7 35	6 40
F 28	1 52	8 50	4 59	14 14	3 39	14 1	1 5	25 47	3 10	7 3	1 5	8 48	2 15	23 15	0 24	20 51	0 34	17 1	6 23	23 18	23 18	22 7	7 36	6 40
S 29	2 15	13 48	4 45	14 22	3 42	13 46	0 59	25 42	3 8	7 8	1 5	8 50	2 15	23 15	0 24	20 51	0 34	17 1	6 23	23 18	23 18	22 6	7 37	6 40
S 30	2s39	18n 9	4n13	14s27	3s43	13n31	0s54	25s36	3s 6	7s13	1n 5	8s53	2n15	23s15	0s24	20s51	0n34	17n 0	6s23	23s19	23s18	22s 4	7s38	6n39

Julian Day Number = 2509861.5, Delta T = 128.54 sec
Ecliptic obliquity = 23°25'08, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°58'17, Lahiri = 26°05'17

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2159
geocentric

OCTOBER 2159 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 38 9	7♎38'39	21♉52	28°R40	22♌26	16♑ 4	21♎16	28♎46	12♑13	23°R17	2♋30	5°R10	5♑23	13♑18	22°R41	M 1
T 2	0 42 6	8°37'33	5♊50	28♎36	23°30	16°40	21°29	28°53	12°13	23♑17	2°30	5♑ 5	5°20	13°25	22♒39	T 2
W 3	0 46 3	9°36'29	19°52	28°24	24°34	17°15	21°42	29° 0	12°14	23°17	2°R30	5° 3	5°17	13°32	22°37	W 3
T 4	0 49 59	10°35'27	3♋56	28° 5	25°39	17°50	21°55	29° 7	12°14	23°17	2°30	5° 3	5°14	13°38	22°35	T 4
F 5	0 53 56	11°34'28	18° 2	27°39	26°44	18°26	22° 8	29°14	12°15	23°D17	2°30	5° 3	5°11	13°45	22°34	F 5
S 6	0 57 52	12°33'31	2♌ 9	27° 5	27°50	19° 2	22°21	29°21	12°16	23°17	2°30	5° 2	5° 7	13°52	22°32	S 6
S 7	1 1 49	13°32'36	16°15	26°23	28°55	19°39	22°34	29°28	12°16	23°17	2°30	4°59	5° 4	13°58	22°30	S 7
M 8	1 5 45	14°31'43	0♍20	25°34	0♍ 1	20°15	22°47	29°35	12°17	23°17	2°30	4°53	5° 1	14° 5	22°29	M 8
T 9	1 9 42	15°30'53	14°19	24°38	1° 7	20°52	23° 0	29°42	12°18	23°17	2°29	4°44	4°58	14°11	22°27	T 9
W10	1 13 38	16°30'05	28° 9	23°36	2°13	21°29	23°13	29°50	12°19	23°17	2°29	4°33	4°55	14°18	22°26	W10
T 11	1 17 35	17°29'19	11♎47	22°30	3°20	22° 6	23°26	29°57	12°20	23°18	2°29	4°21	4°51	14°25	22°25	T 11
F 12	1 21 32	18°28'35	25°10	21°20	4°26	22°43	23°39	0♏ 4	12°21	23°18	2°29	4° 9	4°48	14°31	22°23	F 12
S 13	1 25 28	19°27'53	8♏14	20° 9	5°33	23°21	23°52	0°11	12°22	23°18	2°29	3°57	4°45	14°38	22°22	S 13
S 14	1 29 25	20°27'13	20°59	18°58	6°41	23°59	24° 5	0°18	12°23	23°18	2°28	3°48	4°42	14°45	22°21	S 14
M15	1 33 21	21°26'35	3♐27	17°49	7°48	24°37	24°18	0°26	12°24	23°19	2°28	3°42	4°39	14°51	22°20	M15
T 16	1 37 18	22°25'59	15°38	16°45	8°56	25°15	24°31	0°33	12°26	23°19	2°28	3°38	4°36	14°58	22°19	T 16
W17	1 41 14	23°25'25	27°36	15°47	10° 3	25°53	24°44	0°40	12°27	23°19	2°28	3°37	4°32	15° 5	22°18	W17
T 18	1 45 11	24°24'52	9♑27	14°57	11°11	26°32	24°57	0°47	12°28	23°20	2°27	3°D36	4°29	15°11	22°17	T 18
F 19	1 49 7	25°24'22	21°15	14°16	12°19	27°10	25°10	0°54	12°30	23°20	2°27	3°R37	4°26	15°18	22°16	F 19
S 20	1 53 4	26°23'53	3♒ 5	13°46	13°28	27°49	25°23	1° 2	12°31	23°21	2°27	3°37	4°23	15°25	22°15	S 20
S 21	1 57 1	27°23'26	15° 4	13°26	14°36	28°28	25°36	1° 9	12°32	23°21	2°26	3°35	4°20	15°31	22°14	S 21
M22	2 0 57	28°23'00	27°15	13°D18	15°45	29° 7	25°49	1°16	12°34	23°22	2°26	3°31	4°17	15°38	22°13	M22
T 23	2 4 54	29°22'36	9♓44	13°20	16°54	29°46	26° 2	1°23	12°35	23°22	2°25	3°25	4°13	15°45	22°13	T 23
W24	2 8 50	0♏22'14	22°34	13°34	18° 3	0♒26	26°15	1°31	12°37	23°23	2°25	3°16	4°10	15°51	22°12	W24
T 25	2 12 47	1°21'54	5♈46	13°57	19°12	1° 5	26°28	1°38	12°39	23°24	2°24	3° 6	4° 7	15°58	22°12	T 25
F 26	2 16 43	2°21'36	19°20	14°31	20°21	1°45	26°41	1°45	12°40	23°24	2°24	2°56	4° 4	16° 4	22°11	F 26
S 27	2 20 40	3°21'19	3♉14	15°13	21°31	2°25	26°54	1°53	12°42	23°25	2°23	2°46	4° 1	16°11	22°11	S 27
S 28	2 24 36	4°21'05	17°22	16° 4	22°41	3° 5	27° 7	2° 0	12°44	23°26	2°23	2°37	3°57	16°18	22°11	S 28
M29	2 28 33	5°20'52	1♊41	17° 1	23°50	3°45	27°20	2° 7	12°46	23°26	2°22	2°31	3°54	16°24	22°10	M29
T 30	2 32 30	6°20'42	16° 5	18° 6	25° 0	4°25	27°33	2°14	12°48	23°27	2°22	2°28	3°51	16°31	22°10	T 30
W31	2 36 26	7♏20'34	0♋28	19♎15	26♍10	5♒ 6	27♎46	2♏22	12♑50	23♑28	2♋21	2°D27	3♑48	16♑38	22♒10	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	3s 2	21n33	3n27	14s29	3s44	13n15	0s49	25s30	3s 4	7s18	1n 5	8s55	2n15	23s15	0s24	20s52	0n34	17n 0	6s23	23s19	23s19	22s 3	7s39	6n39
T 2	3 25	23 41	2 28	14 27	3 44	12 59	0 43	25 24	3 3	7 22	1 5	8 58	2 15	23 15	0 24	20 52	0 34	17 0	6 24	23 19	23 19	22 1	7 40	6 38
W 3	3 48	24 21	1 19	14 21	3 42	12 43	0 38	25 18	3 1	7 27	1 5	9 0	2 15	23 15	0 24	20 52	0 34	17 0	6 24	23 19	23 19	22 0	7 41	6 38
T 4	4 11	23 27	0 6	14 12	3 39	12 26	0 33	25 11	2 59	7 32	1 4	9 3	2 15	23 15	0 24	20 52	0 34	17 0	6 24	23 19	23 19	21 58	7 42	6 38
F 5	4 34	21 5	1s 8	13 58	3 35	12 9	0 28	25 5	2 57	7 37	1 4	9 5	2 15	23 15	0 24	20 52	0 34	17 0	6 24	23 19	23 19	21 57	7 43	6 37
S 6	4 57	17 25	2 18	13 40	3 28	11 51	0 23	24 58	2 56	7 42	1 4	9 8	2 15	23 15	0 24	20 52	0 33	17 0	6 24	23 19	23 19	21 55	7 44	6 37
S 7	5 20	12 46	3 20	13 17	3 20	11 33	0 18	24 51	2 54	7 47	1 4	9 10	2 15	23 15	0 24	20 52	0 33	17 0	6 24	23 20	23 19	21 54	7 45	6 36
M 8	5 43	7 28	4 9	12 50	3 10	11 15	0 14	24 44	2 52	7 51	1 4	9 13	2 15	23 15	0 24	20 52	0 33	17 0	6 24	23 20	23 19	21 52	7 45	6 36
T 9	6 6	1 49	4 42	12 18	2 59	10 56	0 9	24 36	2 50	7 56	1 4	9 15	2 15	23 14	0 24	20 52	0 33	17 0	6 24	23 20	23 20	21 50	7 46	6 36
W10	6 29	3s50	4 59	11 43	2 45	10 37	0 4	24 29	2 49	8 1	1 4	9 18	2 15	23 14	0 23	20 52	0 33	16 59	6 24	23 20	23 20	21 49	7 47	6 35
T 11	6 52	9 14	4 59	11 4	2 30	10 17	0n 1	24 21	2 47	8 6	1 4	9 21	2 15	23 14	0 23	20 52	0 33	16 59	6 24	23 21	23 20	21 47	7 48	6 35
F 12	7 14	14 5	4 41	10 22	2 13	9 57	0 5	24 13	2 45	8 11	1 4	9 23	2 15	23 14	0 23	20 52	0 33	16 59	6 25	23 21	23 20	21 46	7 49	6 34
S 13	7 37	18 10	4 10	9 38	1 54	9 37	0 10	24 5	2 43	8 15	1 4	9 26	2 14	23 14	0 23	20 52	0 33	16 59	6 25	23 22	23 20	21 44	7 50	6 34
S 14	7 59	21 18	3 26	8 53	1 35	9 16	0 14	23 57	2 42	8 20	1 4	9 28	2 14	23 14	0 23	20 52	0 33	16 59	6 25	23 22	23 20	21 43	7 50	6 34
M15	8 21	23 20	2 33	8 8	1 15	8 55	0 18	23 48	2 40	8 25	1 4	9 31	2 14	23 14	0 23	20 52	0 33	16 59	6 25	23 22	23 20	21 41	7 51	6 33
T 16	8 43	24 12	1 34	7 25	0 54	8 34	0 22	23 39	2 38	8 30	1 4	9 33	2 14	23 14	0 23	20 52	0 33	16 59	6 25	23 22	23 20	21 39	7 52	6 33
W17	9 5	23 56	0 32	6 43	0 34	8 12	0 27	23 31	2 36	8 35	1 4	9 36	2 14	23 14	0 23	20 52	0 33	16 59	6 25	23 22	23 20	21 38	7 53	6 32
T 18	9 27	22 34	0n31	6 6	0 13	7 50	0 31	23 22	2 35	8 39	1 4	9 38	2 14	23 13	0 23	20 52	0 33	16 59	6 25	23 22	23 21	21 36	7 53	6 32
F 19	9 49	20 13	1 33	5 32	0n 6	7 28	0 35	23 12	2 33	8 44	1 4	9 41	2 14	23 13	0 23	20 52	0 33	16 59	6 25	23 22	23 21	21 35	7 54	6 31
S 20	10 11	17 1	2 30	5 3	0 24	7 5	0 38	23 3	2 31	8 49	1 4	9 43	2 14	23 13	0 23	20 52	0 33	16 59	6 25	23 22	23 21	21 33	7 55	6 31
S 21	10 32	13 5	3 22	4 40	0 42	6 42	0 42	22 53	2 29	8 54	1 4	9 46	2 14	23 13	0 23	20 51	0 33	16 59	6 25	23 22	23 21	21 31	7 55	6 31
M22	10 53	8 34	4 6	4 22	0 57	6 19	0 46	22 43	2 28	8 58	1 4	9 48	2 14	23 13	0 23	20 51	0 33	16 58	6 25	23 22	23 21	21 30	7 56	6 30
T 23	11 15	3 36	4 39	4 10	1 11	5 56	0 50	22 33	2 26	9 3	1 4	9 51	2 14	23 13	0 23	20 51	0 33	16 58	6 25	23 22	23 21	21 28	7 57	6 30
W24	11 36	1n38	4 59	4 4	1 24	5 32	0 53	22 23	2 24	9 8	1 4	9 53	2 14	23 12	0 23	20 51	0 33	16 58	6 26	23 23	23 21	21 26	7 57	6 29
T 25	11 56	6 56	5 4	4 3	1 34	5 8	0 57	22 13	2 23	9 13	1 4	9 56	2 14	23 12	0 23	20 51	0 33	16 58	6 26	23 23	23 21	21 25	7 58	6 29
F 26	12 17	12 4	4 52	4 8	1 43	4 44	1 0	22 2	2 21	9 17	1 4	9 58	2 14	23 12	0 23	20 51	0 33	16 58	6 26	23 23	23 21	21 23	7 58	6 28
S 27	12 37	16 41	4 23	4 17	1 51	4 20	1 3	21 52	2 19	9 22	1 4	10 1	2 14	23 12	0 23	20 51	0 33	16 58	6 26	23 23	23 21	21 22	7 59	6 28
S 28	12 58	20 28	3 37	4 31	1 57	3 55	1 6	21 41	2 17	9 27	1 4	10 3	2 14	23 12	0 23	20 51	0 33	16 58	6 26	23 24	23 22	21 20	7 59	6 27
M29	13 18	23 3	2 37	4 48	2 2	3 30	1 9	21 30	2 16	9 31	1 4	10 6	2 14	23 12	0 23	20 51	0 33	16 58	6 26	23 24	23 22	21 18	8 0	6 27
T 30	13 37	24 8	1 27	5 10	2 5	3 6	1 12	21 18	2 14	9 36	1 4	10 8	2 14	23 11	0 23	20 51	0 33	16 58	6 26	23 24	23 22	21 17	8 0	6 26
W31	13s57	23n36	0n11	5s34	2n 7	2n40	1n15	21s 7	2s12	9s41	1n 4	10s11	2n14	23s11	0s23	20s51	0n33	16n58	6s26	23s24	23s22	21s15	8s 1	6n26

Julian Day Number = 2509891.5, Delta T = 128.60 sec
Ecliptic obliquity = 23°25'08, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°58'21, Lahiri = 26°05'22

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2159
geocentric

NOVEMBER 2159 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 40 23	8♏20'28	14♋48	20♎30	27♍21	5♒46	27♎59	2♏29	12♑52	23♑29	2°R20	2♑27	3♑45	16♑44	22°D10	T 1
F 2	2 44 19	9°20'25	29° 0	21°49	28°31	6°27	28°12	2°36	12°54	23°30	2♋20	2°28	3°42	16°51	22♒10	F 2
S 3	2 48 16	10°20'23	13♌ 5	23°11	29°42	7° 7	28°25	2°43	12°56	23°31	2°19	2°R28	3°38	16°58	22°10	S 3
S 4	2 52 12	11°20'24	27° 1	24°36	0♎52	7°48	28°38	2°51	12°58	23°32	2°18	2°27	3°35	17° 4	22°10	S 4
M 5	2 56 9	12°20'27	10♍47	26° 4	2° 3	8°29	28°51	2°58	13° 0	23°33	2°18	2°24	3°32	17°11	22°10	M 5
T 6	3 0 5	13°20'32	24°23	27°34	3°14	9°10	29° 4	3° 5	13° 2	23°34	2°17	2°18	3°29	17°18	22°11	T 6
W 7	3 4 2	14°20'39	7♎48	29° 6	4°25	9°51	29°16	3°12	13° 4	23°35	2°16	2°11	3°26	17°24	22°11	W 7
T 8	3 7 59	15°20'48	21° 1	0♏39	5°36	10°32	29°29	3°19	13° 7	23°36	2°16	2° 3	3°22	17°31	22°11	T 8
F 9	3 11 55	16°20'58	4♏ 0	2°13	6°48	11°14	29°42	3°27	13° 9	23°37	2°15	1°54	3°19	17°38	22°12	F 9
S 10	3 15 52	17°21'11	16°46	3°47	7°59	11°55	29°55	3°34	13°11	23°38	2°14	1°46	3°16	17°44	22°13	S 10
S 11	3 19 48	18°21'26	29°17	5°23	9°11	12°37	0♏ 8	3°41	13°14	23°39	2°13	1°40	3°13	17°51	22°13	S 11
M12	3 23 45	19°21'42	11♐34	6°59	10°22	13°18	0°20	3°48	13°16	23°40	2°12	1°36	3°10	17°58	22°14	M12
T 13	3 27 41	20°22'00	23°39	8°35	11°34	14° 0	0°33	3°55	13°19	23°42	2°12	1°34	3° 7	18° 4	22°15	T 13
W14	3 31 38	21°22'20	5♑35	10°12	12°46	14°42	0°46	4° 2	13°21	23°43	2°11	1°D34	3° 3	18°11	22°15	W14
T 15	3 35 34	22°22'41	17°24	11°48	13°58	15°24	0°58	4° 9	13°24	23°44	2°10	1°35	3° 0	18°17	22°16	T 15
F 16	3 39 31	23°23'04	29°11	13°25	15°10	16° 6	1°11	4°16	13°26	23°46	2° 9	1°36	2°57	18°24	22°17	F 16
S 17	3 43 28	24°23'28	11♒ 0	15° 2	16°22	16°48	1°23	4°23	13°29	23°47	2° 8	1°38	2°54	18°31	22°18	S 17
S 18	3 47 24	25°23'53	22°57	16°38	17°34	17°30	1°36	4°30	13°31	23°48	2° 7	1°R39	2°51	18°37	22°19	S 18
M19	3 51 21	26°24'19	5♓ 7	18°15	18°47	18°12	1°48	4°37	13°34	23°50	2° 6	1°39	2°48	18°44	22°20	M19
T 20	3 55 17	27°24'47	17°34	19°51	19°59	18°54	2° 1	4°44	13°37	23°51	2° 5	1°37	2°44	18°51	22°22	T 20
W21	3 59 14	28°25'16	0♈23	21°27	21°11	19°37	2°13	4°51	13°40	23°53	2° 4	1°33	2°41	18°57	22°23	W21
T 22	4 3 10	29°25'47	13°37	23° 3	22°24	20°19	2°25	4°58	13°42	23°54	2° 3	1°29	2°38	19° 4	22°24	T 22
F 23	4 7 7	0♐26'19	27°17	24°39	23°37	21° 2	2°38	5° 5	13°45	23°56	2° 2	1°24	2°35	19°11	22°25	F 23
S 24	4 11 3	1°26'52	11♉22	26°15	24°49	21°44	2°50	5°11	13°48	23°57	2° 1	1°19	2°32	19°17	22°27	S 24
S 25	4 15 0	2°27'27	25°48	27°50	26° 2	22°27	3° 2	5°18	13°51	23°59	2° 0	1°15	2°28	19°24	22°28	S 25
M26	4 18 57	3°28'03	10♊29	29°26	27°15	23° 9	3°14	5°25	13°54	24° 0	1°59	1°12	2°25	19°31	22°30	M26
T 27	4 22 53	4°28'40	25°19	1♐ 1	28°28	23°52	3°26	5°31	13°57	24° 2	1°58	1°D11	2°22	19°37	22°32	T 27
W28	4 26 50	5°29'19	10♋ 9	2°36	29°41	24°35	3°38	5°38	14° 0	24° 4	1°57	1°11	2°19	19°44	22°33	W28
T 29	4 30 46	6°30'00	24°53	4°11	0♏54	25°18	3°50	5°45	14° 3	24° 5	1°56	1°12	2°16	19°51	22°35	T 29
F 30	4 34 43	7♐30'42	9♌25	5♐46	2♏ 7	26♒ 0	4♏ 2	5♏51	14♑ 6	24♑ 7	1♋55	1♑14	2♑13	19♑57	22♒37	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s16	21n30	1s 6	6s 1	2n 8	2n15	1n18	20s55	2s11	9s45	1n 4	10s13	2n14	23s11	0s23	20s50	0n33	16n58	6s26	23s24	23s22	21s13	8s 1	6n26
F 2	14 36	18 5	2 18	6 31	2 8	1 49	1 21	20 44	2 9	9 50	1 4	10 16	2 14	23 11	0 23	20 50	0 33	16 58	6 26	23 24	23 22	21 12	8 2	6 25
S 3	14 55	13 40	3 21	7 2	2 7	1 24	1 23	20 32	2 7	9 54	1 4	10 18	2 14	23 11	0 23	20 50	0 33	16 58	6 26	23 24	23 22	21 10	8 2	6 25
S 4	15 13	8 34	4 11	7 35	2 6	0 58	1 26	20 20	2 6	9 59	1 4	10 21	2 14	23 10	0 23	20 50	0 33	16 58	6 26	23 24	23 22	21 8	8 3	6 24
M 5	15 32	3 6	4 46	8 9	2 3	0 32	1 28	20 7	2 4	10 3	1 4	10 23	2 14	23 10	0 23	20 50	0 33	16 58	6 26	23 24	23 22	21 6	8 3	6 24
T 6	15 50	2s26	5 5	8 44	2 0	0 6	1 31	19 55	2 2	10 8	1 4	10 25	2 14	23 10	0 23	20 50	0 33	16 57	6 27	23 24	23 22	21 5	8 3	6 23
W 7	16 8	7 47	5 6	9 19	1 57	0s20	1 33	19 42	2 1	10 12	1 4	10 28	2 14	23 10	0 23	20 50	0 33	16 57	6 27	23 24	23 22	21 3	8 4	6 23
T 8	16 25	12 41	4 51	9 56	1 52	0 46	1 35	19 29	1 59	10 17	1 4	10 30	2 14	23 9	0 23	20 49	0 33	16 57	6 27	23 24	23 23	21 1	8 4	6 22
F 9	16 43	16 56	4 21	10 33	1 48	1 13	1 37	19 16	1 57	10 21	1 4	10 33	2 14	23 9	0 23	20 49	0 33	16 57	6 27	23 24	23 23	21 0	8 4	6 22
S 10	17 0	20 19	3 39	11 9	1 43	1 39	1 39	19 3	1 56	10 26	1 4	10 35	2 14	23 9	0 23	20 49	0 32	16 57	6 27	23 24	23 23	20 58	8 4	6 21
S 11	17 17	22 41	2 46	11 46	1 38	2 5	1 41	18 50	1 54	10 30	1 4	10 37	2 15	23 9	0 23	20 49	0 32	16 57	6 27	23 24	23 23	20 56	8 5	6 21
M12	17 33	23 55	1 46	12 23	1 32	2 32	1 42	18 36	1 53	10 35	1 4	10 40	2 15	23 8	0 23	20 49	0 32	16 57	6 27	23 25	23 23	20 55	8 5	6 20
T 13	17 49	23 59	0 43	13 0	1 26	2 59	1 44	18 23	1 51	10 39	1 4	10 42	2 15	23 8	0 23	20 49	0 32	16 57	6 27	23 25	23 23	20 53	8 5	6 20
W14	18 5	22 56	0n22	13 36	1 20	3 25	1 46	18 9	1 49	10 43	1 4	10 44	2 15	23 8	0 23	20 48	0 32	16 57	6 27	23 25	23 23	20 51	8 5	6 20
T 15	18 21	20 53	1 25	14 12	1 14	3 52	1 47	17 55	1 48	10 48	1 4	10 47	2 15	23 8	0 23	20 48	0 32	16 57	6 27	23 25	23 23	20 49	8 5	6 19
F 16	18 36	17 56	2 25	14 47	1 7	4 18	1 48	17 41	1 46	10 52	1 4	10 49	2 15	23 7	0 23	20 48	0 32	16 57	6 27	23 25	23 23	20 48	8 6	6 19
S 17	18 51	14 16	3 19	15 22	1 1	4 45	1 50	17 27	1 44	10 56	1 4	10 51	2 15	23 7	0 23	20 48	0 32	16 57	6 27	23 25	23 23	20 46	8 6	6 18
S 18	19 6	10 0	4 4	15 56	0 54	5 11	1 51	17 13	1 43	11 1	1 4	10 53	2 15	23 7	0 23	20 48	0 32	16 57	6 27	23 24	23 23	20 44	8 6	6 18
M19	19 20	5 17	4 40	16 29	0 47	5 38	1 52	16 58	1 41	11 5	1 4	10 56	2 15	23 7	0 23	20 47	0 32	16 57	6 27	23 25	23 23	20 42	8 6	6 17
T 20	19 34	0 15	5 3	17 2	0 40	6 4	1 53	16 43	1 40	11 9	1 5	10 58	2 15	23 6	0 23	20 47	0 32	16 57	6 27	23 25	23 23	20 41	8 6	6 17
W21	19 47	4n56	5 13	17 34	0 34	6 30	1 53	16 29	1 38	11 13	1 5	11 0	2 15	23 6	0 23	20 47	0 32	16 57	6 27	23 25	23 23	20 39	8 6	6 16
T 22	20 1	10 4	5 6	18 5	0 27	6 57	1 54	16 14	1 37	11 18	1 5	11 2	2 15	23 6	0 23	20 47	0 32	16 57	6 27	23 25	23 24	20 37	8 6	6 16
F 23	20 13	14 52	4 42	18 36	0 20	7 23	1 55	15 59	1 35	11 22	1 5	11 5	2 15	23 5	0 23	20 46	0 32	16 57	6 27	23 25	23 24	20 35	8 6	6 15
S 24	20 26	19 2	4 0	19 5	0 13	7 49	1 55	15 43	1 34	11 26	1 5	11 7	2 15	23 5	0 23	20 46	0 32	16 57	6 27	23 25	23 24	20 34	8 6	6 15
S 25	20 38	22 8	3 2	19 34	0 6	8 15	1 56	15 28	1 32	11 30	1 5	11 9	2 15	23 5	0 23	20 46	0 32	16 57	6 27	23 25	23 24	20 32	8 6	6 15
M26	20 50	23 50	1 51	20 1	0s 1	8 41	1 56	15 13	1 30	11 34	1 5	11 11	2 16	23 5	0 23	20 46	0 32	16 57	6 27	23 25	23 24	20 30	8 6	6 14
T 27	21 1	23 52	0 32	20 28	0 8	9 6	1 57	14 57	1 29	11 38	1 5	11 13	2 16	23 4	0 23	20 45	0 32	16 57	6 27	23 25	23 24	20 28	8 6	6 14
W28	21 12	22 13	0s49	20 54	0 14	9 32	1 57	14 41	1 27	11 42	1 5	11 15	2 16	23 4	0 23	20 45	0 32	16 57	6 27	23 25	23 24	20 26	8 6	6 13
T 29	21 23	19 3	2 7	21 18	0 21	9 57	1 57	14 26	1 26	11 46	1 5	11 17	2 16	23 4	0 23	20 45	0 32	16 57	6 27	23 25	23 24	20 25	8 5	6 13
F 30	21s33	14n44	3s15	21s42	0s27	10s22	1n57	14s10	1s24	11s50	1n 5	11s19	2n16	23s 3	0s23	20s45	0n32	16n57	6s27	23s25	23s24	20s23	8s 5	6n12

Julian Day Number = 2509922.5, Delta T = 128.66 sec
Ecliptic obliquity = 23°25'07, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°58'25, Lahiri = 26°05'26

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2159
geocentric

DECEMBER 2159 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 38 39	8♐31'25	23♌41	7♐20	3♏21	26♒43	4♏14	5♏58	14♑ 9	24♑ 9	1°R54	1♑15	2♑ 9	20♑ 4	22♒39	S 1
S 2	4 42 36	9°32'11	7♍40	8°55	4°34	27°26	4°26	6° 4	14°12	24°10	1♋53	1°R15	2° 6	20°11	22°41	S 2
M 3	4 46 32	10°32'57	21°20	10°29	5°47	28° 9	4°38	6°11	14°15	24°12	1°52	1°15	2° 3	20°17	22°43	M 3
T 4	4 50 29	11°33'45	4♎43	12° 3	7° 1	28°52	4°49	6°17	14°18	24°14	1°51	1°14	2° 0	20°24	22°45	T 4
W 5	4 54 26	12°34'35	17°50	13°37	8°14	29°35	5° 1	6°24	14°21	24°16	1°50	1°12	1°57	20°30	22°47	W 5
T 6	4 58 22	13°35'26	0♏42	15°12	9°28	0♓18	5°13	6°30	14°25	24°17	1°49	1° 9	1°54	20°37	22°49	T 6
F 7	5 2 19	14°36'19	13°20	16°46	10°41	1° 1	5°24	6°36	14°28	24°19	1°48	1° 6	1°50	20°44	22°51	F 7
S 8	5 6 15	15°37'12	25°46	18°20	11°55	1°44	5°36	6°42	14°31	24°21	1°46	1° 4	1°47	20°50	22°53	S 8
S 9	5 10 12	16°38'07	8♑ 0	19°54	13° 9	2°28	5°47	6°48	14°34	24°23	1°45	1° 2	1°44	20°57	22°56	S 9
M10	5 14 8	17°39'03	20° 6	21°28	14°23	3°11	5°58	6°55	14°37	24°25	1°44	1° 1	1°41	21° 4	22°58	M10
T 11	5 18 5	18°40'00	2♑ 3	23° 2	15°37	3°54	6°10	7° 1	14°41	24°27	1°43	1°D 1	1°38	21°10	23° 1	T 11
W12	5 22 1	19°40'58	13°54	24°36	16°50	4°37	6°21	7° 7	14°44	24°29	1°42	1° 1	1°34	21°17	23° 3	W12
T 13	5 25 58	20°41'57	25°42	26°11	18° 4	5°21	6°32	7°13	14°47	24°31	1°41	1° 2	1°31	21°24	23° 6	T 13
F 14	5 29 55	21°42'56	7♒29	27°45	19°18	6° 4	6°43	7°18	14°51	24°33	1°39	1° 3	1°28	21°30	23° 8	F 14
S 15	5 33 51	22°43'56	19°19	29°19	20°32	6°48	6°54	7°24	14°54	24°35	1°38	1° 4	1°25	21°37	23°11	S 15
S 16	5 37 48	23°44'57	1♓15	0♑53	21°46	7°31	7° 5	7°30	14°58	24°37	1°37	1° 5	1°22	21°44	23°14	S 16
M17	5 41 44	24°45'58	13°23	2°28	23° 0	8°14	7°15	7°36	15° 1	24°39	1°36	1° 5	1°19	21°50	23°16	M17
T 18	5 45 41	25°46'59	25°46	4° 2	24°14	8°58	7°26	7°41	15° 4	24°41	1°35	1°R 5	1°15	21°57	23°19	T 18
W19	5 49 37	26°48'01	8♈29	5°37	25°29	9°41	7°37	7°47	15° 8	24°43	1°34	1° 5	1°12	22° 4	23°22	W19
T 20	5 53 34	27°49'04	21°35	7°11	26°43	10°25	7°47	7°53	15°11	24°45	1°32	1° 5	1° 9	22°10	23°25	T 20
F 21	5 57 30	28°50'06	5♉ 9	8°46	27°57	11° 8	7°57	7°58	15°15	24°47	1°31	1° 5	1° 6	22°17	23°28	F 21
S 22	6 1 27	29°51'10	19° 9	10°21	29°11	11°52	8° 8	8° 3	15°18	24°49	1°30	1° 4	1° 3	22°24	23°31	S 22
S 23	6 5 24	0♑52'13	3♊37	11°55	0♐25	12°35	8°18	8° 9	15°22	24°51	1°29	1°D 4	1° 0	22°30	23°34	S 23
M24	6 9 20	1°53'17	18°26	13°30	1°40	13°19	8°28	8°14	15°25	24°53	1°28	1° 4	0°56	22°37	23°37	M24
T 25	6 13 17	2°54'22	3♋30	15° 4	2°54	14° 2	8°38	8°19	15°29	24°55	1°26	1°R 4	0°53	22°44	23°40	T 25
W26	6 17 13	3°55'27	18°41	16°39	4° 9	14°46	8°48	8°24	15°32	24°58	1°25	1° 4	0°50	22°50	23°43	W26
T 27	6 21 10	4°56'32	3♌48	18°13	5°23	15°29	8°58	8°29	15°36	25° 0	1°24	1° 4	0°47	22°57	23°46	T 27
F 28	6 25 6	5°57'38	18°44	19°47	6°37	16°13	9° 8	8°34	15°39	25° 2	1°23	1° 4	0°44	23° 4	23°50	F 28
S 29	6 29 3	6°58'45	3♍20	21°20	7°52	16°57	9°17	8°39	15°43	25° 4	1°22	1° 3	0°40	23°10	23°53	S 29
S 30	6 33 0	7°59'52	17°33	22°53	9° 6	17°40	9°27	8°44	15°46	25° 6	1°20	1° 2	0°37	23°17	23°56	S 30
M31	6 36 56	9♑ 0'59	1♎21	24♑25	10♐21	18♓24	9♏36	8♏49	15♑50	25♑ 9	1♋19	1♑ 2	0♑34	23♑24	24♒ 0	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s42	9n40	4s10	22s 4	0s34	10s47	1n57	13s54	1s23	11s54	1n 5	11s21	2n16	23s 3	0s23	20s44	0n32	16n57	6s27	23s25	23s24	20s21	8s 5	6n12
S 2	21 52	4 12	4 49	22 26	0 40	11 12	1 57	13 38	1 21	11 58	1 5	11 23	2 16	23 3	0 23	20 44	0 32	16 57	6 27	23 25	23 24	20 19	8 5	6 12
M 3	22 1	1s20	5 11	22 46	0 47	11 37	1 56	13 21	1 20	12 2	1 5	11 25	2 16	23 2	0 23	20 44	0 32	16 57	6 27	23 25	23 24	20 17	8 5	6 11
T 4	22 9	6 42	5 15	23 5	0 53	12 1	1 56	13 5	1 18	12 5	1 5	11 27	2 16	23 2	0 23	20 44	0 32	16 57	6 27	23 25	23 24	20 16	8 4	6 11
W 5	22 17	11 39	5 3	23 23	0 59	12 25	1 55	12 49	1 17	12 9	1 5	11 29	2 17	23 2	0 23	20 43	0 32	16 57	6 27	23 25	23 24	20 14	8 4	6 10
T 6	22 25	16 0	4 35	23 40	1 4	12 49	1 55	12 32	1 16	12 13	1 6	11 31	2 17	23 1	0 23	20 43	0 32	16 57	6 27	23 25	23 24	20 12	8 4	6 10
F 7	22 32	19 33	3 54	23 55	1 10	13 12	1 54	12 15	1 14	12 17	1 6	11 33	2 17	23 1	0 23	20 43	0 32	16 57	6 27	23 25	23 24	20 10	8 4	6 9
S 8	22 39	22 9	3 3	24 10	1 16	13 36	1 54	11 59	1 13	12 20	1 6	11 35	2 17	23 1	0 23	20 42	0 32	16 57	6 27	23 25	23 24	20 8	8 3	6 9
S 9	22 45	23 40	2 4	24 23	1 21	13 59	1 53	11 42	1 11	12 24	1 6	11 37	2 17	23 0	0 23	20 42	0 32	16 57	6 27	23 25	23 24	20 7	8 3	6 9
M10	22 51	24 3	1 0	24 35	1 26	14 21	1 52	11 25	1 10	12 28	1 6	11 39	2 17	23 0	0 23	20 42	0 32	16 57	6 27	23 25	23 24	20 5	8 2	6 8
T 11	22 56	23 18	0n 6	24 45	1 31	14 44	1 51	11 8	1 8	12 31	1 6	11 41	2 17	23 0	0 23	20 41	0 32	16 57	6 27	23 25	23 25	20 3	8 2	6 8
W12	23 1	21 31	1 11	24 54	1 36	15 6	1 50	10 51	1 7	12 35	1 6	11 42	2 17	22 59	0 23	20 41	0 32	16 57	6 27	23 25	23 25	20 1	8 2	6 7
T 13	23 6	18 48	2 13	25 2	1 40	15 27	1 49	10 33	1 5	12 39	1 6	11 44	2 18	22 59	0 23	20 41	0 32	16 57	6 27	23 25	23 25	19 59	8 1	6 7
F 14	23 10	15 20	3 9	25 9	1 45	15 48	1 48	10 16	1 4	12 42	1 6	11 46	2 18	22 58	0 23	20 40	0 32	16 57	6 27	23 25	23 25	19 57	8 1	6 7
S 15	23 13	11 15	3 58	25 14	1 49	16 9	1 47	9 59	1 3	12 46	1 6	11 48	2 18	22 58	0 23	20 40	0 32	16 57	6 27	23 25	23 25	19 56	8 0	6 6
S 16	23 16	6 43	4 36	25 17	1 53	16 30	1 45	9 41	1 1	12 49	1 6	11 50	2 18	22 58	0 23	20 40	0 32	16 57	6 27	23 25	23 25	19 54	8 0	6 6
M17	23 19	1 52	5 3	25 20	1 56	16 50	1 44	9 24	1 0	12 52	1 7	11 51	2 18	22 57	0 23	20 39	0 32	16 57	6 27	23 25	23 25	19 52	7 59	6 6
T 18	23 21	3n10	5 17	25 21	1 59	17 9	1 43	9 6	0 59	12 56	1 7	11 53	2 18	22 57	0 23	20 39	0 32	16 57	6 27	23 25	23 25	19 50	7 59	6 5
W19	23 23	8 11	5 15	25 20	2 2	17 29	1 41	8 49	0 57	12 59	1 7	11 55	2 19	22 57	0 23	20 39	0 32	16 57	6 27	23 25	23 25	19 48	7 58	6 5
T 20	23 24	13 1	4 58	25 18	2 5	17 47	1 39	8 31	0 56	13 2	1 7	11 56	2 19	22 56	0 23	20 38	0 32	16 57	6 27	23 25	23 25	19 46	7 57	6 4
F 21	23 25	17 22	4 24	25 15	2 7	18 6	1 38	8 13	0 54	13 6	1 7	11 58	2 19	22 56	0 23	20 38	0 32	16 57	6 27	23 25	23 25	19 44	7 57	6 4
S 22	23 25	20 54	3 33	25 10	2 9	18 24	1 36	7 56	0 53	13 9	1 7	11 59	2 19	22 55	0 23	20 38	0 32	16 58	6 27	23 25	23 25	19 42	7 56	6 4
S 23	23 25	23 16	2 27	25 3	2 11	18 41	1 34	7 38	0 52	13 12	1 7	12 1	2 19	22 55	0 23	20 37	0 32	16 58	6 27	23 25	23 25	19 41	7 56	6 3
M24	23 24	24 4	1 10	24 55	2 12	18 58	1 33	7 20	0 51	13 15	1 7	12 2	2 19	22 55	0 23	20 37	0 31	16 58	6 27	23 25	23 25	19 39	7 55	6 3
T 25	23 23	23 9	0s13	24 46	2 13	19 14	1 31	7 2	0 49	13 18	1 7	12 4	2 20	22 54	0 23	20 37	0 31	16 58	6 27	23 25	23 25	19 37	7 54	6 3
W26	23 22	20 32	1 36	24 35	2 13	19 30	1 29	6 44	0 48	13 21	1 8	12 5	2 20	22 54	0 23	20 36	0 31	16 58	6 27	23 25	23 25	19 35	7 54	6 2
T 27	23 20	16 29	2 52	24 22	2 13	19 45	1 27	6 26	0 47	13 24	1 8	12 7	2 20	22 53	0 23	20 36	0 31	16 58	6 27	23 25	23 25	19 33	7 53	6 2
F 28	23 17	11 28	3 55	24 8	2 12	20 0	1 25	6 8	0 45	13 27	1 8	12 8	2 20	22 53	0 23	20 36	0 31	16 58	6 27	23 25	23 25	19 31	7 52	6 2
S 29	23 14	5 54	4 42	23 53	2 11	20 14	1 23	5 50	0 44	13 30	1 8	12 10	2 20	22 53	0 23	20 35	0 31	16 58	6 27	23 25	23 25	19 29	7 51	6 1
S 30	23 11	0 10	5 9	23 36	2 9	20 28	1 21	5 32	0 43	13 33	1 8	12 11	2 20	22 52	0 23	20 35	0 31	16 58	6 27	23 25	23 25	19 27	7 51	6 1
M31	23s 7	5s24	5s18	23s18	2s 7	20s41	1n18	5s13	0s42	13s36	1n 8	12s12	2n21	22s52	0s23	20s34	0n31	16n58	6s27	23s25	23s25	19s25	7s50	6n 1

Julian Day Number = 2509952.5, Delta T = 128.72 sec
Ecliptic obliquity = 23°25'07, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°58'30, Lahiri = 26°05'30

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2160
geocentric

JANUARY 2160 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 40 53	10♑ 2'08	14♎44	25♑57	11♐35	19♓ 7	9♏46	8♏54	15♑54	25♑11	1°R18	1°D 2	0♑31	23♑30	24♒ 3	T 1
W 2	6 44 49	11° 3'16	27°44	27°27	12°50	19°51	9°55	8°58	15°57	25°13	1♋17	1♑ 2	0°28	23°37	24° 7	W 2
T 3	6 48 46	12° 4'25	10♏24	28°57	14° 5	20°34	10° 4	9° 3	16° 1	25°15	1°16	1° 3	0°25	23°44	24°10	T 3
F 4	6 52 42	13° 5'35	22°48	0♒25	15°19	21°18	10°13	9° 7	16° 4	25°17	1°15	1° 4	0°21	23°50	24°14	F 4
S 5	6 56 39	14° 6'45	4♐59	1°50	16°34	22° 2	10°22	9°12	16° 8	25°20	1°13	1° 5	0°18	23°57	24°17	S 5
S 6	7 0 35	15° 7'55	17° 1	3°14	17°48	22°45	10°30	9°16	16°12	25°22	1°12	1° 7	0°15	24° 3	24°21	S 6
M 7	7 4 32	16° 9'05	28°56	4°35	19° 3	23°29	10°39	9°20	16°15	25°24	1°11	1°R 7	0°12	24°10	24°25	M 7
T 8	7 8 29	17°10'16	10♑46	5°53	20°18	24°12	10°48	9°24	16°19	25°26	1°10	1° 7	0° 9	24°17	24°28	T 8
W 9	7 12 25	18°11'26	22°34	7° 8	21°32	24°56	10°56	9°28	16°22	25°29	1° 9	1° 6	0° 6	24°23	24°32	W 9
T 10	7 16 22	19°12'36	4♒22	8°18	22°47	25°39	11° 4	9°32	16°26	25°31	1° 8	1° 3	0° 2	24°30	24°36	T 10
F 11	7 20 18	20°13'46	16°12	9°23	24° 2	26°23	11°12	9°36	16°29	25°33	1° 7	1° 0	29♐59	24°37	24°40	F 11
S 12	7 24 15	21°14'56	28° 6	10°22	25°17	27° 7	11°20	9°40	16°33	25°35	1° 5	0°57	29°56	24°43	24°43	S 12
S 13	7 28 11	22°16'05	10♓ 7	11°15	26°31	27°50	11°28	9°44	16°37	25°38	1° 4	0°53	29°53	24°50	24°47	S 13
M14	7 32 8	23°17'14	22°17	12° 0	27°46	28°34	11°36	9°47	16°40	25°40	1° 3	0°50	29°50	24°57	24°51	M14
T 15	7 36 4	24°18'22	4♈40	12°37	29° 1	29°17	11°43	9°51	16°44	25°42	1° 2	0°48	29°46	25° 3	24°55	T 15
W16	7 40 1	25°19'29	17°19	13° 5	0♑16	0♈ 1	11°51	9°54	16°47	25°45	1° 1	0°46	29°43	25°10	24°59	W16
T 17	7 43 58	26°20'36	0♉17	13°23	1°31	0°44	11°58	9°58	16°51	25°47	1° 0	0°D46	29°40	25°17	25° 3	T 17
F 18	7 47 54	27°21'43	13°39	13°R30	2°45	1°28	12° 5	10° 1	16°54	25°49	0°59	0°47	29°37	25°23	25° 7	F 18
S 19	7 51 51	28°22'48	27°27	13°25	4° 0	2°11	12°13	10° 4	16°58	25°51	0°58	0°48	29°34	25°30	25°11	S 19
S 20	7 55 47	29°23'53	11♊41	13° 9	5°15	2°55	12°19	10° 7	17° 1	25°54	0°57	0°50	29°31	25°37	25°15	S 20
M21	7 59 44	0♒24'58	26°20	12°41	6°30	3°38	12°26	10°10	17° 5	25°56	0°56	0°R51	29°27	25°43	25°19	M21
T 22	8 3 40	1°26'01	11♋19	12° 2	7°45	4°21	12°33	10°13	17° 8	25°58	0°55	0°51	29°24	25°50	25°23	T 22
W23	8 7 37	2°27'04	26°32	11°12	8°59	5° 5	12°39	10°16	17°12	26° 0	0°54	0°49	29°21	25°57	25°27	W23
T 24	8 11 33	3°28'06	11♌49	10°13	10°14	5°48	12°46	10°19	17°15	26° 3	0°53	0°45	29°18	26° 3	25°31	T 24
F 25	8 15 30	4°29'07	26°59	9° 6	11°29	6°32	12°52	10°21	17°19	26° 5	0°52	0°41	29°15	26°10	25°35	F 25
S 26	8 19 27	5°30'08	11♍53	7°54	12°44	7°15	12°58	10°24	17°22	26° 7	0°51	0°35	29°12	26°17	25°40	S 26
S 27	8 23 23	6°31'08	26°22	6°38	13°59	7°58	13° 4	10°26	17°26	26°10	0°50	0°30	29° 8	26°23	25°44	S 27
M28	8 27 20	7°32'08	10♎23	5°21	15°14	8°41	13° 9	10°28	17°29	26°12	0°49	0°26	29° 5	26°30	25°48	M28
T 29	8 31 16	8°33'07	23°55	4° 6	16°29	9°25	13°15	10°31	17°33	26°14	0°48	0°23	29° 2	26°37	25°52	T 29
W30	8 35 13	9°34'06	6♏59	2°54	17°43	10° 8	13°20	10°33	17°36	26°16	0°47	0°D22	28°59	26°43	25°56	W30
T 31	8 39 9	10♒35'04	19♏38	1♒47	18♑58	10♈51	13♏26	10♏35	17♑39	26♑18	0♋46	0♑22	28♐56	26♑50	26♒ 1	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s 2	10s33	5s 9	22s58	2s 4	20s54	1n16	4s55	0s40	13s39	1n 8	12s14	2n21	22s51	0s23	20s34	0n31	16n58	6s27	23s25	23s25	19s23	7s49	6n 1
W 2	22 58	15 4	4 44	22 37	2 0	21 6	1 14	4 37	0 39	13 41	1 9	12 15	2 21	22 51	0 23	20 34	0 31	16 58	6 26	23 25	23 25	19 21	7 48	6 0
T 3	22 52	18 49	4 6	22 14	1 56	21 17	1 12	4 19	0 38	13 44	1 9	12 16	2 21	22 50	0 23	20 33	0 31	16 58	6 26	23 25	23 25	19 20	7 47	6 0
F 4	22 46	21 38	3 17	21 51	1 51	21 28	1 9	4 0	0 37	13 47	1 9	12 17	2 21	22 50	0 23	20 33	0 31	16 58	6 26	23 25	23 25	19 18	7 46	6 0
S 5	22 40	23 24	2 20	21 26	1 45	21 38	1 7	3 42	0 35	13 49	1 9	12 19	2 22	22 50	0 23	20 32	0 31	16 59	6 26	23 25	23 25	19 16	7 45	5 59
S 6	22 34	24 4	1 17	21 0	1 38	21 47	1 4	3 24	0 34	13 52	1 9	12 20	2 22	22 49	0 23	20 32	0 31	16 59	6 26	23 25	23 25	19 14	7 45	5 59
M 7	22 27	23 37	0 12	20 34	1 30	21 56	1 2	3 6	0 33	13 55	1 9	12 21	2 22	22 49	0 23	20 32	0 31	16 59	6 26	23 25	23 25	19 12	7 44	5 59
T 8	22 19	22 6	0n53	20 6	1 22	22 4	1 0	2 47	0 32	13 57	1 9	12 22	2 22	22 48	0 23	20 31	0 31	16 59	6 26	23 25	23 25	19 10	7 43	5 59
W 9	22 11	19 37	1 56	19 39	1 13	22 12	0 57	2 29	0 31	14 0	1 10	12 23	2 22	22 48	0 23	20 31	0 31	16 59	6 26	23 25	23 25	19 8	7 42	5 58
T 10	22 3	16 20	2 54	19 10	1 2	22 19	0 55	2 11	0 29	14 2	1 10	12 24	2 23	22 47	0 23	20 30	0 31	16 59	6 26	23 25	23 25	19 6	7 41	5 58
F 11	21 54	12 24	3 44	18 42	0 51	22 25	0 52	1 52	0 28	14 4	1 10	12 25	2 23	22 47	0 23	20 30	0 31	16 59	6 26	23 25	23 25	19 4	7 40	5 58
S 12	21 44	7 58	4 25	18 14	0 38	22 31	0 49	1 34	0 27	14 7	1 10	12 26	2 23	22 47	0 23	20 30	0 31	16 59	6 26	23 25	23 25	19 2	7 39	5 57
S 13	21 35	3 13	4 55	17 47	0 25	22 36	0 47	1 15	0 26	14 9	1 10	12 27	2 23	22 46	0 23	20 29	0 31	16 59	6 25	23 25	23 25	19 0	7 38	5 57
M14	21 25	1n43	5 11	17 20	0 10	22 40	0 44	0 57	0 25	14 11	1 10	12 28	2 23	22 46	0 23	20 29	0 31	17 0	6 25	23 25	23 25	18 58	7 37	5 57
T 15	21 14	6 39	5 14	16 55	0n 5	22 43	0 42	0 39	0 24	14 13	1 10	12 29	2 24	22 45	0 23	20 28	0 31	17 0	6 25	23 25	23 25	18 56	7 36	5 57
W16	21 3	11 26	5 2	16 31	0 22	22 46	0 39	0 20	0 23	14 15	1 11	12 30	2 24	22 45	0 23	20 28	0 31	17 0	6 25	23 25	23 25	18 54	7 35	5 57
T 17	20 52	15 50	4 34	16 10	0 39	22 48	0 36	0 2	0 21	14 17	1 11	12 30	2 24	22 44	0 23	20 28	0 31	17 0	6 25	23 25	23 25	18 52	7 33	5 56
F 18	20 40	19 36	3 51	15 51	0 57	22 50	0 34	0n16	0 20	14 20	1 11	12 31	2 24	22 44	0 23	20 27	0 31	17 0	6 25	23 25	23 25	18 50	7 32	5 56
S 19	20 28	22 23	2 53	15 34	1 15	22 51	0 31	0 34	0 19	14 22	1 11	12 32	2 25	22 44	0 23	20 27	0 31	17 0	6 25	23 25	23 25	18 48	7 31	5 56
S 20	20 16	23 52	1 43	15 21	1 34	22 51	0 28	0 53	0 18	14 23	1 11	12 33	2 25	22 43	0 23	20 26	0 31	17 0	6 25	23 25	23 25	18 46	7 30	5 56
M21	20 3	23 47	0 25	15 11	1 52	22 50	0 25	1 11	0 17	14 25	1 11	12 34	2 25	22 43	0 23	20 26	0 31	17 0	6 25	23 25	23 25	18 44	7 29	5 56
T 22	19 49	21 59	0s57	15 5	2 10	22 49	0 23	1 29	0 16	14 27	1 12	12 34	2 25	22 42	0 23	20 26	0 31	17 1	6 24	23 25	23 25	18 42	7 28	5 55
W23	19 36	18 36	2 16	15 2	2 27	22 47	0 20	1 47	0 15	14 29	1 12	12 35	2 26	22 42	0 23	20 25	0 31	17 1	6 24	23 25	23 25	18 40	7 27	5 55
T 24	19 22	13 56	3 26	15 3	2 43	22 44	0 17	2 5	0 14	14 31	1 12	12 35	2 26	22 41	0 23	20 25	0 31	17 1	6 24	23 25	23 25	18 38	7 25	5 55
F 25	19 7	8 26	4 20	15 7	2 57	22 41	0 15	2 23	0 13	14 32	1 12	12 36	2 26	22 41	0 23	20 24	0 31	17 1	6 24	23 25	23 25	18 36	7 24	5 55
S 26	18 53	2 33	4 56	15 13	3 10	22 37	0 12	2 42	0 12	14 34	1 12	12 37	2 26	22 41	0 23	20 24	0 31	17 1	6 24	23 25	23 25	18 34	7 23	5 55
S 27	18 38	3s19	5 11	15 23	3 20	22 32	0 9	3 0	0 11	14 36	1 12	12 37	2 26	22 40	0 23	20 23	0 31	17 1	6 24	23 25	23 25	18 32	7 22	5 54
M28	18 22	8 49	5 7	15 34	3 27	22 26	0 7	3 18	0 10	14 37	1 13	12 38	2 27	22 40	0 23	20 23	0 31	17 1	6 24	23 25	23 25	18 30	7 21	5 54
T 29	18 7	13 42	4 46	15 47	3 32	22 20	0 4	3 35	0 9	14 39	1 13	12 38	2 27	22 39	0 23	20 23	0 31	17 1	6 23	23 25	23 25	18 28	7 19	5 54
W30	17 50	17 46	4 11	16 1	3 34	22 14	0 1	3 53	0 8	14 40	1 13	12 38	2 27	22 39	0 23	20 22	0 31	17 2	6 23	23 25	23 25	18 26	7 18	5 54
T 31	17s34	20s54	3s24	16s16	3n34	22s 6	0s 1	4n11	0s 7	14s42	1n13	12s39	2n27	22s38	0s23	20s22	0n31	17n 2	6s23	23s25	23s25	18s24	7s17	5n54

Julian Day Number = 2509983.5, Delta T = 128.79 sec
Ecliptic obliquity = 23°25'06, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°58'34, Lahiri = 26°05'34

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2160
geocentric

FEBRUARY 2160 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 43 6	11♒36'02	1♐58	0°R46	20♑13	11♈34	13♏31	10♏37	17♑43	26♑21	0°R45	0♑23	28♐52	26♑57	26♒ 5	F 1
S 2	8 47 2	12°36'58	14° 3	29♑53	21°28	12°18	13°36	10°38	17°46	26°23	0♋45	0°25	28°49	27° 3	26° 9	S 2
S 3	8 50 59	13°37'55	25°57	29° 9	22°43	13° 1	13°40	10°40	17°49	26°25	0°44	0°R26	28°46	27°10	26°13	S 3
M 4	8 54 56	14°38'50	7♑46	28°33	23°58	13°44	13°45	10°42	17°53	26°27	0°43	0°26	28°43	27°17	26°18	M 4
T 5	8 58 52	15°39'45	19°33	28° 5	25°13	14°27	13°49	10°43	17°56	26°29	0°42	0°24	28°40	27°23	26°22	T 5
W 6	9 2 49	16°40'38	1♒20	27°46	26°28	15°10	13°54	10°45	17°59	26°32	0°41	0°19	28°37	27°30	26°26	W 6
T 7	9 6 45	17°41'31	13°11	27°36	27°43	15°53	13°58	10°46	18° 3	26°34	0°41	0°13	28°33	27°37	26°31	T 7
F 8	9 10 42	18°42'22	25° 8	27°D33	28°58	16°36	14° 2	10°47	18° 6	26°36	0°40	0° 4	28°30	27°43	26°35	F 8
S 9	9 14 38	19°43'12	7♓11	27°38	0♒13	17°19	14° 5	10°48	18° 9	26°38	0°39	29♐54	28°27	27°50	26°39	S 9
S 10	9 18 35	20°44'01	19°22	27°50	1°28	18° 2	14° 9	10°49	18°12	26°40	0°38	29°44	28°24	27°57	26°44	S 10
M11	9 22 31	21°44'48	1♈42	28° 8	2°42	18°45	14°12	10°50	18°15	26°42	0°38	29°35	28°21	28° 3	26°48	M11
T 12	9 26 28	22°45'34	14°12	28°33	3°57	19°28	14°15	10°51	18°18	26°44	0°37	29°27	28°18	28°10	26°52	T 12
W13	9 30 25	23°46'19	26°56	29° 2	5°12	20°11	14°18	10°51	18°21	26°47	0°36	29°21	28°14	28°17	26°57	W13
T 14	9 34 21	24°47'02	9♉55	29°37	6°27	20°54	14°21	10°52	18°25	26°49	0°36	29°17	28°11	28°23	27° 1	T 14
F 15	9 38 18	25°47'43	23°11	0♒16	7°42	21°37	14°24	10°52	18°28	26°51	0°35	29°D16	28° 8	28°30	27° 6	F 15
S 16	9 42 14	26°48'23	6♊47	1° 0	8°57	22°20	14°26	10°53	18°31	26°53	0°34	29°16	28° 5	28°37	27°10	S 16
S 17	9 46 11	27°49'01	20°45	1°48	10°12	23° 3	14°29	10°53	18°34	26°55	0°34	29°17	28° 2	28°43	27°14	S 17
M18	9 50 7	28°49'38	5♋ 5	2°39	11°27	23°46	14°31	10°53	18°37	26°57	0°33	29°R17	27°58	28°50	27°19	M18
T 19	9 54 4	29°50'12	19°46	3°33	12°42	24°28	14°33	10°R53	18°39	26°59	0°33	29°16	27°55	28°57	27°23	T 19
W20	9 58 0	0♓50'45	4♌43	4°30	13°56	25°11	14°35	10°53	18°42	27° 1	0°32	29°11	27°52	29° 3	27°27	W20
T 21	10 1 57	1°51'17	19°49	5°31	15°11	25°54	14°36	10°53	18°45	27° 3	0°32	29° 5	27°49	29°10	27°32	T 21
F 22	10 5 54	2°51'46	4♍54	6°33	16°26	26°36	14°38	10°53	18°48	27° 5	0°31	28°56	27°46	29°17	27°36	F 22
S 23	10 9 50	3°52'14	19°49	7°38	17°41	27°19	14°39	10°52	18°51	27° 7	0°31	28°45	27°43	29°23	27°40	S 23
S 24	10 13 47	4°52'41	4♎24	8°46	18°56	28° 2	14°40	10°52	18°54	27° 8	0°30	28°35	27°39	29°30	27°45	S 24
M25	10 17 43	5°53'06	18°33	9°55	20°11	28°44	14°41	10°51	18°56	27°10	0°30	28°26	27°36	29°37	27°49	M25
T 26	10 21 40	6°53'30	2♏13	11° 7	21°26	29°27	14°41	10°50	18°59	27°12	0°29	28°19	27°33	29°43	27°53	T 26
W27	10 25 36	7°53'52	15°24	12°20	22°40	0♉ 9	14°42	10°50	19° 2	27°14	0°29	28°14	27°30	29°50	27°58	W27
T 28	10 29 33	8°54'14	28° 9	13°35	23°55	0°52	14°42	10°49	19° 4	27°16	0°29	28°12	27°27	29°57	28° 2	T 28
F 29	10 33 29	9♓54'33	10♐31	14♒52	25♒10	1♉34	14°R42	10♏48	19♑ 7	27♑18	0♋28	28°D11	27♐24	0♒ 3	28♒ 6	F 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17s17	22s58	2s29	16s31	3n32	21s58	0s 4	4n29	0s 6	14s43	1n13	12s39	2n28	22s38	0s23	20s21	0n31	17n 2	6s23	23s25	23s25	18s22	7s16	5n54
S 2	17 0	23 55	1 28	16 46	3 28	21 49	0 7	4 47	0 5	14 44	1 14	12 40	2 28	22 38	0 23	20 21	0 31	17 2	6 23	23 25	23 25	18 20	7 14	5 54
S 3	16 43	23 46	0 24	17 1	3 22	21 40	0 9	5 4	0 4	14 45	1 14	12 40	2 28	22 37	0 23	20 21	0 31	17 2	6 23	23 25	23 25	18 18	7 13	5 53
M 4	16 25	22 32	0n40	17 15	3 15	21 29	0 12	5 22	0 3	14 47	1 14	12 40	2 28	22 37	0 23	20 20	0 31	17 2	6 23	23 25	23 25	18 16	7 12	5 53
T 5	16 8	20 19	1 42	17 29	3 6	21 19	0 15	5 40	0 2	14 48	1 14	12 40	2 29	22 36	0 23	20 20	0 31	17 3	6 22	23 25	23 25	18 14	7 10	5 53
W 6	15 49	17 15	2 39	17 42	2 56	21 7	0 17	5 57	0 1	14 49	1 14	12 40	2 29	22 36	0 23	20 19	0 31	17 3	6 22	23 25	23 25	18 12	7 9	5 53
T 7	15 31	13 29	3 30	17 55	2 46	20 55	0 20	6 15	0 0	14 50	1 14	12 41	2 29	22 35	0 23	20 19	0 31	17 3	6 22	23 25	23 25	18 10	7 8	5 53
F 8	15 12	9 11	4 12	18 6	2 35	20 43	0 22	6 32	0n 1	14 51	1 15	12 41	2 29	22 35	0 23	20 19	0 31	17 3	6 22	23 25	23 25	18 8	7 6	5 53
S 9	14 53	4 29	4 43	18 16	2 24	20 29	0 25	6 49	0 2	14 52	1 15	12 41	2 30	22 35	0 24	20 18	0 31	17 3	6 22	23 25	23 25	18 6	7 5	5 53
S 10	14 34	0n25	5 1	18 25	2 12	20 15	0 27	7 7	0 3	14 53	1 15	12 41	2 30	22 34	0 24	20 18	0 31	17 3	6 22	23 25	23 25	18 4	7 4	5 53
M11	14 15	5 21	5 6	18 33	2 0	20 1	0 29	7 24	0 4	14 53	1 15	12 41	2 30	22 34	0 24	20 17	0 31	17 4	6 21	23 25	23 24	18 2	7 2	5 53
T 12	13 55	10 9	4 56	18 40	1 49	19 46	0 32	7 41	0 4	14 54	1 15	12 41	2 30	22 33	0 24	20 17	0 31	17 4	6 21	23 25	23 24	18 0	7 1	5 53
W13	13 35	14 36	4 32	18 45	1 37	19 30	0 34	7 58	0 5	14 55	1 16	12 41	2 31	22 33	0 24	20 17	0 31	17 4	6 21	23 25	23 24	17 58	6 59	5 53
T 14	13 15	18 27	3 53	18 50	1 25	19 14	0 36	8 15	0 6	14 56	1 16	12 41	2 31	22 33	0 24	20 16	0 31	17 4	6 21	23 25	23 24	17 55	6 58	5 52
F 15	12 55	21 28	3 1	18 53	1 13	18 57	0 39	8 32	0 7	14 56	1 16	12 41	2 31	22 32	0 24	20 16	0 31	17 4	6 21	23 25	23 24	17 53	6 57	5 52
S 16	12 34	23 21	1 58	18 54	1 2	18 40	0 41	8 48	0 8	14 57	1 16	12 41	2 31	22 32	0 24	20 15	0 31	17 4	6 21	23 25	23 24	17 51	6 55	5 52
S 17	12 13	23 51	0 46	18 55	0 51	18 22	0 43	9 5	0 9	14 57	1 16	12 41	2 32	22 31	0 24	20 15	0 31	17 5	6 20	23 25	23 24	17 49	6 54	5 52
M18	11 52	22 48	0s31	18 54	0 40	18 4	0 45	9 22	0 10	14 58	1 17	12 40	2 32	22 31	0 24	20 15	0 31	17 5	6 20	23 25	23 24	17 47	6 52	5 52
T 19	11 31	20 12	1 47	18 52	0 29	17 45	0 47	9 38	0 10	14 58	1 17	12 40	2 32	22 31	0 24	20 14	0 31	17 5	6 20	23 25	23 24	17 45	6 51	5 52
W20	11 10	16 12	2 57	18 49	0 19	17 25	0 49	9 55	0 11	14 58	1 17	12 40	2 32	22 30	0 24	20 14	0 31	17 5	6 20	23 25	23 24	17 43	6 49	5 52
T 21	10 48	11 8	3 56	18 44	0 8	17 5	0 52	10 11	0 12	14 59	1 17	12 40	2 33	22 30	0 24	20 13	0 31	17 5	6 20	23 25	23 24	17 41	6 48	5 52
F 22	10 27	5 24	4 37	18 39	0s 2	16 45	0 53	10 27	0 13	14 59	1 17	12 39	2 33	22 30	0 24	20 13	0 31	17 5	6 20	23 25	23 24	17 39	6 47	5 52
S 23	10 5	0s34	5 0	18 31	0 11	16 24	0 55	10 43	0 14	14 59	1 18	12 39	2 33	22 29	0 24	20 13	0 31	17 6	6 19	23 25	23 24	17 37	6 45	5 52
S 24	9 43	6 22	5 2	18 23	0 20	16 3	0 57	10 59	0 14	14 59	1 18	12 39	2 33	22 29	0 24	20 12	0 31	17 6	6 19	23 25	23 24	17 35	6 44	5 52
M25	9 21	11 39	4 45	18 13	0 29	15 41	0 59	11 15	0 15	14 59	1 18	12 38	2 34	22 29	0 24	20 12	0 31	17 6	6 19	23 25	23 24	17 33	6 42	5 52
T 26	8 58	16 11	4 12	18 2	0 38	15 19	1 1	11 31	0 16	14 59	1 18	12 38	2 34	22 28	0 24	20 12	0 31	17 6	6 19	23 24	23 24	17 30	6 41	5 52
W27	8 36	19 44	3 27	17 50	0 46	14 56	1 3	11 47	0 17	14 59	1 18	12 37	2 34	22 28	0 24	20 11	0 31	17 6	6 19	23 24	23 24	17 28	6 39	5 52
T 28	8 13	22 13	2 33	17 36	0 54	14 33	1 4	12 2	0 18	14 59	1 18	12 37	2 34	22 27	0 24	20 11	0 31	17 7	6 19	23 24	23 24	17 26	6 38	5 52
F 29	7s51	23s32	1s33	17s21	1s 2	14s 9	1s 6	12n18	0n18	14s59	1n19	12s36	2n34	22s27	0s24	20s11	0n31	17n 7	6s18	23s24	23s24	17s24	6s36	5n52

Julian Day Number = 2510014.5, Delta T = 128.85 sec
Ecliptic obliquity = 23°25'06, Nutation = 0°00'19, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°58'38, Lahiri = 26°05'39

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2160
geocentric

MARCH 2160 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 37 26	10♓54'52	22♐37	16♒10	26♒25	2♉16	14°R42	10°R47	19♊ 9	27♊19	0°R28	28°R12	27♐20	0♒10	28♒10	S 1
S 2	10 41 23	11°55'09	4♊30	17°30	27°40	2°59	14♏41	10♏45	19°12	27°21	0♋28	28♐12	27°17	0°17	28°15	S 2
M 3	10 45 19	12°55'24	16°18	18°51	28°55	3°41	14°41	10°44	19°14	27°23	0°28	28°10	27°14	0°23	28°19	M 3
T 4	10 49 16	13°55'38	28° 5	20°14	0♓ 9	4°23	14°40	10°43	19°17	27°25	0°27	28° 6	27°11	0°30	28°23	T 4
W 5	10 53 12	14°55'50	9♒55	21°38	1°24	5° 6	14°39	10°41	19°19	27°26	0°27	28° 0	27° 8	0°37	28°27	W 5
T 6	10 57 9	15°56'00	21°50	23° 3	2°39	5°48	14°38	10°40	19°22	27°28	0°27	27°50	27° 4	0°43	28°32	T 6
F 7	11 1 5	16°56'09	3♓55	24°29	3°54	6°30	14°37	10°38	19°24	27°30	0°27	27°38	27° 1	0°50	28°36	F 7
S 8	11 5 2	17°56'16	16° 9	25°57	5° 9	7°12	14°36	10°36	19°26	27°31	0°27	27°24	26°58	0°57	28°40	S 8
S 9	11 8 58	18°56'21	28°35	27°26	6°23	7°54	14°34	10°34	19°28	27°33	0°26	27°10	26°55	1° 3	28°44	S 9
M10	11 12 55	19°56'25	11♈11	28°56	7°38	8°37	14°32	10°32	19°31	27°34	0°26	26°57	26°52	1°10	28°48	M10
T 11	11 16 51	20°56'26	23°58	0♓28	8°53	9°19	14°30	10°30	19°33	27°36	0°26	26°45	26°49	1°17	28°52	T 11
W12	11 20 48	21°56'25	6♉57	2° 0	10° 8	10° 1	14°28	10°28	19°35	27°38	0°26	26°36	26°45	1°23	28°57	W12
T 13	11 24 45	22°56'22	20° 7	3°34	11°22	10°43	14°26	10°26	19°37	27°39	0°26	26°31	26°42	1°30	29° 1	T 13
F 14	11 28 41	23°56'17	3♊29	5° 9	12°37	11°25	14°23	10°23	19°39	27°41	0°D26	26°28	26°39	1°37	29° 5	F 14
S 15	11 32 38	24°56'10	17° 5	6°45	13°52	12° 7	14°20	10°21	19°41	27°42	0°26	26°27	26°36	1°43	29° 9	S 15
S 16	11 36 34	25°56'01	0♋56	8°22	15° 6	12°49	14°17	10°18	19°43	27°43	0°26	26°27	26°33	1°50	29°13	S 16
M17	11 40 31	26°55'50	15° 2	10° 1	16°21	13°30	14°14	10°16	19°45	27°45	0°26	26°26	26°29	1°57	29°17	M17
T 18	11 44 27	27°55'36	29°23	11°41	17°36	14°12	14°11	10°13	19°47	27°46	0°26	26°24	26°26	2° 3	29°21	T 18
W19	11 48 24	28°55'20	13♌57	13°21	18°50	14°54	14° 8	10°10	19°49	27°47	0°26	26°19	26°23	2°10	29°24	W19
T 20	11 52 20	29°55'01	28°39	15° 3	20° 5	15°36	14° 4	10° 7	19°50	27°49	0°26	26°11	26°20	2°17	29°28	T 20
F 21	11 56 17	0♈54'41	13♍22	16°47	21°20	16°17	14° 0	10° 4	19°52	27°50	0°27	26° 1	26°17	2°23	29°32	F 21
S 22	12 0 14	1°54'18	28° 0	18°31	22°34	16°59	13°56	10° 1	19°54	27°51	0°27	25°49	26°14	2°30	29°36	S 22
S 23	12 4 10	2°53'53	12♎23	20°17	23°49	17°41	13°52	9°58	19°55	27°53	0°27	25°37	26°10	2°37	29°40	S 23
M24	12 8 7	3°53'26	26°26	22° 4	25° 4	18°22	13°48	9°55	19°57	27°54	0°27	25°27	26° 7	2°43	29°44	M24
T 25	12 12 3	4°52'58	10♏ 5	23°52	26°18	19° 4	13°43	9°52	19°58	27°55	0°27	25°18	26° 4	2°50	29°47	T 25
W26	12 16 0	5°52'28	23°17	25°42	27°33	19°45	13°39	9°49	20° 0	27°56	0°28	25°12	26° 1	2°57	29°51	W26
T 27	12 19 56	6°51'56	6♐ 5	27°33	28°47	20°27	13°34	9°45	20° 1	27°57	0°28	25° 8	25°58	3° 3	29°55	T 27
F 28	12 23 53	7°51'22	18°31	29°25	0♈ 2	21° 8	13°29	9°42	20° 3	27°58	0°28	25° 7	25°55	3°10	29°58	F 28
S 29	12 27 49	8°50'46	0♑40	1♈19	1°16	21°50	13°24	9°38	20° 4	27°59	0°29	25°D 7	25°51	3°17	0♓ 2	S 29
S 30	12 31 46	9°50'09	12°36	3°13	2°31	22°31	13°19	9°35	20° 5	28° 0	0°29	25°R 7	25°48	3°23	0° 6	S 30
M31	12 35 43	10♈49'30	24♑26	5♈ 9	3♈45	23♉13	13♏14	9♏31	20♊ 7	28♊ 1	0♋29	25♐ 6	25♐45	3♒30	0♓ 9	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s28	23s42	0s30	17s 4	1s 9	13s46	1s 8	12n33	0n19	14s59	1n19	12s36	2n35	22s27	0s24	20s10	0n31	17n 7	6s18	23s24	23s24	17s22	6s35	5n52
S 2	7 5	22 47	0n34	16 47	1 16	13 21	1 9	12 48	0 20	14 58	1 19	12 35	2 35	22 26	0 24	20 10	0 31	17 7	6 18	23 24	23 23	17 20	6 33	5 52
M 3	6 42	20 51	1 35	16 28	1 23	12 57	1 10	13 3	0 21	14 58	1 19	12 34	2 35	22 26	0 24	20 10	0 31	17 7	6 18	23 24	23 23	17 18	6 32	5 52
T 4	6 19	18 3	2 32	16 8	1 29	12 32	1 12	13 18	0 21	14 58	1 19	12 34	2 35	22 26	0 24	20 9	0 31	17 7	6 18	23 24	23 23	17 16	6 30	5 52
W 5	5 56	14 30	3 22	15 47	1 35	12 6	1 13	13 33	0 22	14 57	1 20	12 33	2 36	22 25	0 24	20 9	0 31	17 8	6 17	23 24	23 23	17 13	6 29	5 52
T 6	5 33	10 22	4 4	15 24	1 40	11 41	1 15	13 48	0 23	14 57	1 20	12 32	2 36	22 25	0 24	20 9	0 31	17 8	6 17	23 24	23 23	17 11	6 28	5 53
F 7	5 9	5 47	4 35	15 0	1 45	11 15	1 16	14 3	0 23	14 56	1 20	12 32	2 36	22 25	0 24	20 8	0 31	17 8	6 17	23 24	23 23	17 9	6 26	5 53
S 8	4 46	0 56	4 54	14 35	1 50	10 49	1 17	14 17	0 24	14 56	1 20	12 31	2 36	22 25	0 24	20 8	0 31	17 8	6 17	23 24	23 23	17 7	6 25	5 53
S 9	4 22	4n 1	5 0	14 8	1 54	10 22	1 18	14 32	0 25	14 55	1 20	12 30	2 36	22 24	0 24	20 8	0 31	17 8	6 17	23 23	23 23	17 5	6 23	5 53
M10	3 59	8 53	4 51	13 41	1 58	9 55	1 19	14 46	0 25	14 54	1 20	12 29	2 37	22 24	0 24	20 7	0 31	17 9	6 16	23 23	23 23	17 3	6 22	5 53
T 11	3 35	13 26	4 27	13 12	2 2	9 28	1 20	15 0	0 26	14 53	1 21	12 28	2 37	22 24	0 24	20 7	0 31	17 9	6 16	23 23	23 23	17 1	6 20	5 53
W12	3 12	17 26	3 50	12 42	2 5	9 1	1 21	15 14	0 27	14 53	1 21	12 28	2 37	22 23	0 24	20 7	0 31	17 9	6 16	23 22	23 23	16 58	6 19	5 53
T 13	2 48	20 38	2 59	12 10	2 8	8 33	1 22	15 28	0 28	14 52	1 21	12 27	2 37	22 23	0 24	20 6	0 31	17 9	6 16	23 22	23 23	16 56	6 17	5 53
F 14	2 24	22 46	1 58	11 38	2 10	8 5	1 23	15 41	0 28	14 51	1 21	12 26	2 37	22 23	0 24	20 6	0 31	17 9	6 16	23 22	23 23	16 54	6 16	5 53
S 15	2 1	23 37	0 49	11 4	2 12	7 37	1 23	15 55	0 29	14 50	1 21	12 25	2 38	22 23	0 24	20 6	0 31	17 10	6 15	23 22	23 22	16 52	6 14	5 53
S 16	1 37	23 1	0s24	10 29	2 13	7 9	1 24	16 8	0 29	14 49	1 22	12 24	2 38	22 22	0 24	20 5	0 31	17 10	6 15	23 22	23 22	16 50	6 13	5 53
M17	1 13	20 58	1 37	9 53	2 15	6 41	1 25	16 21	0 30	14 48	1 22	12 23	2 38	22 22	0 24	20 5	0 31	17 10	6 15	23 22	23 22	16 48	6 11	5 54
T 18	0 49	17 35	2 45	9 16	2 15	6 12	1 25	16 35	0 31	14 47	1 22	12 22	2 38	22 22	0 24	20 5	0 31	17 10	6 15	23 22	23 22	16 45	6 10	5 54
W19	0 26	13 4	3 43	8 37	2 15	5 43	1 26	16 48	0 31	14 46	1 22	12 21	2 38	22 22	0 24	20 5	0 31	17 10	6 15	23 22	23 22	16 43	6 8	5 54
T 20	0 2	7 46	4 27	7 58	2 15	5 15	1 26	17 0	0 32	14 44	1 22	12 20	2 39	22 21	0 24	20 4	0 31	17 11	6 15	23 22	23 22	16 41	6 7	5 54
F 21	0n22	2 1	4 53	7 17	2 14	4 46	1 26	17 13	0 33	14 43	1 22	12 19	2 39	22 21	0 24	20 4	0 31	17 11	6 14	23 22	23 22	16 39	6 5	5 54
S 22	0 45	3s48	5 0	6 35	2 13	4 16	1 27	17 25	0 33	14 42	1 22	12 18	2 39	22 21	0 24	20 4	0 31	17 11	6 14	23 21	23 22	16 37	6 4	5 54
S 23	1 9	9 18	4 48	5 52	2 12	3 47	1 27	17 38	0 34	14 40	1 23	12 16	2 39	22 21	0 25	20 4	0 31	17 11	6 14	23 21	23 22	16 35	6 2	5 54
M24	1 33	14 12	4 18	5 8	2 10	3 18	1 27	17 50	0 34	14 39	1 23	12 15	2 39	22 21	0 25	20 3	0 31	17 11	6 14	23 20	23 22	16 32	6 1	5 55
T 25	1 56	18 13	3 34	4 22	2 7	2 48	1 27	18 2	0 35	14 38	1 23	12 14	2 39	22 20	0 25	20 3	0 31	17 11	6 14	23 20	23 22	16 30	6 0	5 55
W26	2 20	21 10	2 40	3 36	2 4	2 19	1 27	18 14	0 35	14 36	1 23	12 13	2 40	22 20	0 25	20 3	0 31	17 12	6 13	23 20	23 22	16 28	5 58	5 55
T 27	2 43	22 56	1 39	2 49	2 0	1 49	1 27	18 25	0 36	14 35	1 23	12 12	2 40	22 20	0 25	20 3	0 31	17 12	6 13	23 20	23 21	16 26	5 57	5 55
F 28	3 7	23 30	0 35	2 0	1 56	1 19	1 27	18 37	0 37	14 33	1 23	12 11	2 40	22 20	0 25	20 3	0 31	17 12	6 13	23 20	23 21	16 24	5 55	5 55
S 29	3 30	22 56	0n29	1 11	1 51	0 49	1 27	18 48	0 37	14 31	1 23	12 9	2 40	22 20	0 25	20 2	0 31	17 12	6 13	23 20	23 21	16 21	5 54	5 55
S 30	3 54	21 18	1 31	0 21	1 46	0 20	1 27	19 0	0 38	14 30	1 23	12 8	2 40	22 19	0 25	20 2	0 31	17 12	6 13	23 20	23 21	16 19	5 53	5 56
M31	4n17	18s46	2n29	0n30	1s41	0n10	1s26	19n11	0n38	14s28	1n24	12s 7	2n40	22s19	0s25	20s 2	0n31	17n13	6s12	23s20	23s21	16s17	5s51	5n56

Julian Day Number = 2510043.5, Delta T = 128.91 sec
Ecliptic obliquity = 23°25'06, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°58'42, Lahiri = 26°05'42

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2160
geocentric

APRIL 2160 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 39 39	11♈48'49	6♒15	7♈ 7	5♈ 0	23♉54	13°R 8	9°R27	20♑ 8	28♑ 2	0♋30	25°R 3	25♐42	3♒37	0♓13	T 1
W 2	12 43 36	12°48'06	18° 7	9° 5	6°14	24°35	13♏ 2	9♏23	20° 9	28° 3	0°30	24♐58	25°39	3°43	0°16	W 2
T 3	12 47 32	13°47'21	0♓ 8	11° 5	7°29	25°16	12°57	9°20	20°10	28° 4	0°31	24°50	25°35	3°50	0°20	T 3
F 4	12 51 29	14°46'35	12°19	13° 6	8°43	25°58	12°51	9°16	20°11	28° 5	0°31	24°40	25°32	3°57	0°23	F 4
S 5	12 55 25	15°45'46	24°45	15° 8	9°58	26°39	12°45	9°12	20°12	28° 6	0°31	24°29	25°29	4° 3	0°26	S 5
S 6	12 59 22	16°44'56	7♈25	17°11	11°12	27°20	12°39	9° 8	20°13	28° 6	0°32	24°16	25°26	4°10	0°30	S 6
M 7	13 3 18	17°44'04	20°19	19°14	12°27	28° 1	12°32	9° 4	20°14	28° 7	0°33	24° 5	25°23	4°17	0°33	M 7
T 8	13 7 15	18°43'09	3♉27	21°18	13°41	28°42	12°26	9° 0	20°15	28° 8	0°33	23°54	25°20	4°23	0°36	T 8
W 9	13 11 12	19°42'13	16°48	23°23	14°56	29°23	12°19	8°55	20°15	28° 9	0°34	23°47	25°16	4°30	0°39	W 9
T 10	13 15 8	20°41'14	0♊19	25°28	16°10	0♊ 4	12°13	8°51	20°16	28° 9	0°34	23°42	25°13	4°37	0°43	T 10
F 11	13 19 5	21°40'14	14° 0	27°33	17°24	0°45	12° 6	8°47	20°17	28°10	0°35	23°40	25°10	4°43	0°46	F 11
S 12	13 23 1	22°39'11	27°49	29°38	18°39	1°26	11°59	8°43	20°18	28°11	0°35	23°D39	25° 7	4°50	0°49	S 12
S 13	13 26 58	23°38'06	11♋46	1♉42	19°53	2° 7	11°53	8°38	20°18	28°11	0°36	23°40	25° 4	4°57	0°52	S 13
M14	13 30 54	24°36'58	25°50	3°46	21° 7	2°48	11°46	8°34	20°19	28°12	0°37	23°R40	25° 1	5° 3	0°55	M14
T 15	13 34 51	25°35'48	10♌ 0	5°48	22°22	3°29	11°39	8°30	20°19	28°12	0°37	23°39	24°57	5°10	0°58	T 15
W16	13 38 47	26°34'36	24°16	7°49	23°36	4°10	11°31	8°25	20°20	28°13	0°38	23°36	24°54	5°17	1° 1	W16
T 17	13 42 44	27°33'22	8♍34	9°48	24°50	4°50	11°24	8°21	20°20	28°13	0°39	23°31	24°51	5°24	1° 3	T 17
F 18	13 46 41	28°32'05	22°50	11°45	26° 5	5°31	11°17	8°16	20°20	28°13	0°40	23°24	24°48	5°30	1° 6	F 18
S 19	13 50 37	29°30'46	7♎ 0	13°39	27°19	6°12	11°10	8°12	20°21	28°14	0°40	23°15	24°45	5°37	1° 9	S 19
S 20	13 54 34	0♉29'25	20°59	15°31	28°33	6°52	11° 2	8° 7	20°21	28°14	0°41	23° 7	24°41	5°44	1°12	S 20
M21	13 58 30	1°28'02	4♏42	17°19	29°47	7°33	10°55	8° 3	20°21	28°14	0°42	22°59	24°38	5°50	1°14	M21
T 22	14 2 27	2°26'37	18° 7	19° 4	1♉ 1	8°14	10°47	7°58	20°21	28°15	0°43	22°52	24°35	5°57	1°17	T 22
W23	14 6 23	3°25'11	1♐11	20°45	2°16	8°54	10°40	7°54	20°21	28°15	0°44	22°48	24°32	6° 4	1°19	W23
T 24	14 10 20	4°23'43	13°54	22°22	3°30	9°35	10°32	7°49	20°R21	28°15	0°45	22°45	24°29	6°10	1°22	T 24
F 25	14 14 16	5°22'13	26°19	23°55	4°44	10°15	10°25	7°45	20°21	28°15	0°45	22°D45	24°26	6°17	1°24	F 25
S 26	14 18 13	6°20'41	8♑28	25°24	5°58	10°56	10°17	7°40	20°21	28°15	0°46	22°46	24°22	6°24	1°27	S 26
S 27	14 22 10	7°19'08	20°27	26°49	7°12	11°36	10° 9	7°36	20°21	28°16	0°47	22°47	24°19	6°30	1°29	S 27
M28	14 26 6	8°17'33	2♒18	28° 9	8°26	12°16	10° 2	7°31	20°21	28°16	0°48	22°49	24°16	6°37	1°31	M28
T 29	14 30 3	9°15'56	14° 9	29°25	9°40	12°57	9°54	7°27	20°21	28°16	0°49	22°R49	24°13	6°44	1°34	T 29
W30	14 33 59	10♉14'18	26♒ 4	0♊35	10♉55	13♊37	9♏47	7♏22	20♑20	28°R16	0♋50	22♐47	24♐10	6♒50	1♓36	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n40	15s28	3n20	1n22	1s35	0n40	1s26	19n21	0n39	14s26	1n24	12s 6	2n40	22s19	0s25	20s 2	0n31	17n13	6s12	23s20	23s21	16s15	5s50	5n56
W 2	5 3	11 32	4 3	2 15	1 28	1 10	1 26	19 32	0 39	14 24	1 24	12 4	2 41	22 19	0 25	20 1	0 31	17 13	6 12	23 19	23 21	16 13	5 48	5 56
T 3	5 26	7 8	4 35	3 9	1 21	1 40	1 25	19 43	0 40	14 23	1 24	12 3	2 41	22 19	0 25	20 1	0 31	17 13	6 12	23 19	23 21	16 10	5 47	5 56
F 4	5 49	2 23	4 55	4 3	1 13	2 10	1 24	19 53	0 40	14 21	1 24	12 2	2 41	22 19	0 25	20 1	0 31	17 13	6 12	23 19	23 21	16 8	5 46	5 57
S 5	6 12	2n32	5 2	4 57	1 5	2 39	1 24	20 3	0 41	14 19	1 24	12 0	2 41	22 19	0 25	20 1	0 31	17 14	6 11	23 18	23 20	16 6	5 44	5 57
S 6	6 35	7 26	4 54	5 53	0 56	3 9	1 23	20 13	0 41	14 17	1 24	11 59	2 41	22 19	0 25	20 1	0 31	17 14	6 11	23 18	23 20	16 4	5 43	5 57
M 7	6 57	12 7	4 31	6 48	0 47	3 39	1 22	20 23	0 42	14 15	1 24	11 57	2 41	22 18	0 25	20 1	0 31	17 14	6 11	23 17	23 20	16 2	5 42	5 57
T 8	7 20	16 19	3 54	7 43	0 37	4 8	1 22	20 33	0 42	14 13	1 24	11 56	2 41	22 18	0 25	20 0	0 31	17 14	6 11	23 17	23 20	15 59	5 40	5 57
W 9	7 42	19 46	3 3	8 39	0 28	4 38	1 21	20 42	0 43	14 11	1 24	11 55	2 41	22 18	0 25	20 0	0 31	17 14	6 11	23 16	23 20	15 57	5 39	5 58
T 10	8 4	22 10	2 1	9 34	0 17	5 7	1 20	20 51	0 43	14 9	1 24	11 53	2 41	22 18	0 25	20 0	0 31	17 14	6 11	23 16	23 20	15 55	5 38	5 58
F 11	8 26	23 19	0 51	10 29	0 7	5 37	1 19	21 0	0 44	14 7	1 24	11 52	2 41	22 18	0 25	20 0	0 31	17 15	6 10	23 16	23 20	15 53	5 36	5 58
S 12	8 48	23 2	0s22	11 24	0n 4	6 6	1 18	21 9	0 44	14 5	1 25	11 50	2 41	22 18	0 25	20 0	0 31	17 15	6 10	23 16	23 20	15 50	5 35	5 58
S 13	9 10	21 19	1 35	12 18	0 15	6 35	1 17	21 18	0 45	14 3	1 25	11 49	2 42	22 18	0 25	20 0	0 31	17 15	6 10	23 16	23 20	15 48	5 34	5 59
M14	9 32	18 17	2 43	13 10	0 26	7 4	1 16	21 26	0 45	14 0	1 25	11 48	2 42	22 18	0 25	20 0	0 31	17 15	6 10	23 16	23 19	15 46	5 32	5 59
T 15	9 53	14 10	3 42	14 2	0 37	7 33	1 14	21 35	0 46	13 58	1 25	11 46	2 42	22 18	0 25	20 0	0 31	17 15	6 10	23 16	23 19	15 44	5 31	5 59
W16	10 15	9 13	4 27	14 52	0 48	8 1	1 13	21 43	0 46	13 56	1 25	11 45	2 42	22 18	0 25	19 59	0 31	17 15	6 10	23 16	23 19	15 41	5 30	5 59
T 17	10 36	3 47	4 55	15 41	0 59	8 30	1 12	21 51	0 47	13 54	1 25	11 43	2 42	22 18	0 25	19 59	0 31	17 16	6 9	23 16	23 19	15 39	5 29	6 0
F 18	10 57	1s50	5 5	16 28	1 10	8 58	1 11	21 59	0 47	13 52	1 25	11 42	2 42	22 18	0 25	19 59	0 31	17 16	6 9	23 15	23 19	15 37	5 27	6 0
S 19	11 17	7 19	4 57	17 13	1 21	9 26	1 9	22 6	0 47	13 49	1 25	11 40	2 42	22 18	0 25	19 59	0 31	17 16	6 9	23 15	23 19	15 35	5 26	6 0
S 20	11 38	12 22	4 31	17 55	1 31	9 54	1 8	22 14	0 48	13 47	1 25	11 39	2 42	22 18	0 25	19 59	0 31	17 16	6 9	23 14	23 19	15 32	5 25	6 0
M21	11 58	16 40	3 49	18 36	1 41	10 21	1 6	22 21	0 48	13 45	1 25	11 37	2 42	22 18	0 25	19 59	0 31	17 16	6 9	23 14	23 19	15 30	5 24	6 1
T 22	12 19	20 1	2 55	19 14	1 50	10 49	1 5	22 28	0 49	13 42	1 25	11 36	2 42	22 18	0 25	19 59	0 31	17 16	6 8	23 14	23 18	15 28	5 23	6 1
W23	12 39	22 14	1 54	19 50	1 59	11 16	1 3	22 34	0 49	13 40	1 25	11 35	2 42	22 18	0 25	19 59	0 31	17 17	6 8	23 13	23 18	15 26	5 22	6 1
T 24	12 58	23 14	0 48	20 23	2 7	11 43	1 1	22 41	0 50	13 38	1 25	11 33	2 42	22 18	0 25	19 59	0 31	17 17	6 8	23 13	23 18	15 23	5 20	6 2
F 25	13 18	23 3	0n19	20 54	2 14	12 9	1 0	22 47	0 50	13 35	1 25	11 32	2 42	22 18	0 25	19 59	0 31	17 17	6 8	23 13	23 18	15 21	5 19	6 2
S 26	13 37	21 45	1 24	21 22	2 20	12 35	0 58	22 54	0 50	13 33	1 25	11 30	2 42	22 18	0 26	19 59	0 31	17 17	6 8	23 13	23 18	15 19	5 18	6 2
S 27	13 57	19 29	2 24	21 48	2 26	13 1	0 56	23 0	0 51	13 31	1 25	11 29	2 42	22 18	0 26	19 59	0 31	17 17	6 8	23 13	23 18	15 17	5 17	6 2
M28	14 15	16 25	3 18	22 11	2 31	13 27	0 54	23 5	0 51	13 28	1 25	11 27	2 42	22 18	0 26	19 59	0 31	17 17	6 8	23 13	23 18	15 14	5 16	6 3
T 29	14 34	12 42	4 2	22 32	2 35	13 52	0 52	23 11	0 52	13 26	1 25	11 26	2 42	22 18	0 26	19 59	0 31	17 18	6 7	23 13	23 18	15 12	5 15	6 3
W30	14n53	8s28	4n37	22n50	2n38	14n17	0s50	23n16	0n52	13s24	1n24	11s24	2n42	22s18	0s26	19s59	0n31	17n18	6s 7	23s13	23s17	15s10	5s14	6n 3

Julian Day Number = 2510074.5, Delta T = 128.97 sec
Ecliptic obliquity = 23°25'06, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°58'46, Lahiri = 26°05'47

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2160
geocentric

MAY 2160 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 37 56	11♉12'38	8♓ 7	1♊41	12♉ 9	14♊17	9°R39	7°R18	20°R20	28°R16	0♋51	22°R44	24♐ 6	6♒57	1♓38	T 1
F 2	14 41 52	12°10'57	20°22	2°42	13°23	14°58	9♏31	7♏13	20♑20	28♑16	0°52	22♐39	24° 3	7° 4	1°40	F 2
S 3	14 45 49	13° 9'14	2♈54	3°38	14°37	15°38	9°24	7° 8	20°19	28°16	0°53	22°33	24° 0	7°10	1°42	S 3
S 4	14 49 45	14° 7'29	15°44	4°29	15°51	16°18	9°16	7° 4	20°19	28°15	0°54	22°26	23°57	7°17	1°44	S 4
M 5	14 53 42	15° 5'43	28°54	5°15	17° 5	16°58	9° 8	6°59	20°18	28°15	0°55	22°20	23°54	7°24	1°46	M 5
T 6	14 57 38	16° 3'56	12♉21	5°56	18°19	17°38	9° 1	6°55	20°18	28°15	0°56	22°15	23°51	7°30	1°48	T 6
W 7	15 1 35	17° 2'06	26° 4	6°31	19°33	18°18	8°53	6°50	20°17	28°15	0°57	22°11	23°47	7°37	1°50	W 7
T 8	15 5 32	18° 0'15	10♊ 1	7° 1	20°47	18°58	8°46	6°46	20°16	28°15	0°58	22° 8	23°44	7°44	1°51	T 8
F 9	15 9 28	18°58'23	24° 7	7°26	22° 1	19°39	8°38	6°42	20°16	28°14	0°59	22°D 8	23°41	7°50	1°53	F 9
S 10	15 13 25	19°56'28	8♋20	7°46	23°15	20°19	8°31	6°37	20°15	28°14	1° 1	22° 9	23°38	7°57	1°55	S 10
S 11	15 17 21	20°54'32	22°35	8° 1	24°29	20°59	8°23	6°33	20°14	28°14	1° 2	22°10	23°35	8° 4	1°56	S 11
M12	15 21 18	21°52'33	6♌50	8°10	25°43	21°38	8°16	6°29	20°13	28°13	1° 3	22°11	23°32	8°11	1°58	M12
T 13	15 25 14	22°50'33	21° 2	8°R14	26°57	22°18	8° 9	6°24	20°12	28°13	1° 4	22°R12	23°28	8°17	1°59	T 13
W14	15 29 11	23°48'31	5♍11	8°13	28°11	22°58	8° 2	6°20	20°11	28°12	1° 5	22°12	23°25	8°24	2° 0	W14
T 15	15 33 7	24°46'26	19°13	8° 7	29°25	23°38	7°55	6°16	20°10	28°12	1° 6	22°10	23°22	8°31	2° 2	T 15
F 16	15 37 4	25°44'20	3♎ 6	7°57	0♊38	24°18	7°48	6°12	20° 9	28°11	1° 8	22° 7	23°19	8°37	2° 3	F 16
S 17	15 41 1	26°42'13	16°50	7°42	1°52	24°58	7°41	6° 7	20° 8	28°11	1° 9	22° 4	23°16	8°44	2° 4	S 17
S 18	15 44 57	27°40'03	0♏21	7°23	3° 6	25°38	7°34	6° 3	20° 7	28°10	1°10	22° 0	23°12	8°51	2° 5	S 18
M19	15 48 54	28°37'52	13°39	7° 1	4°20	26°17	7°27	5°59	20° 6	28°10	1°11	21°56	23° 9	8°57	2° 7	M19
T 20	15 52 50	29°35'40	26°41	6°35	5°34	26°57	7°20	5°55	20° 5	28° 9	1°12	21°54	23° 6	9° 4	2° 8	T 20
W21	15 56 47	0♊33'26	9♐29	6° 7	6°48	27°37	7°14	5°51	20° 3	28° 8	1°14	21°52	23° 3	9°11	2° 8	W21
T 22	16 0 43	1°31'11	22° 0	5°36	8° 1	28°16	7° 7	5°48	20° 2	28° 8	1°15	21°D52	23° 0	9°17	2° 9	T 22
F 23	16 4 40	2°28'55	4♑18	5° 3	9°15	28°56	7° 1	5°44	20° 1	28° 7	1°16	21°52	22°57	9°24	2°10	F 23
S 24	16 8 37	3°26'37	16°24	4°29	10°29	29°35	6°55	5°40	19°59	28° 6	1°18	21°53	22°53	9°31	2°11	S 24
S 25	16 12 33	4°24'18	28°22	3°55	11°43	0♋15	6°49	5°36	19°58	28° 6	1°19	21°55	22°50	9°37	2°12	S 25
M26	16 16 30	5°21'59	10♒14	3°20	12°56	0°55	6°43	5°33	19°57	28° 5	1°20	21°56	22°47	9°44	2°12	M26
T 27	16 20 26	6°19'38	22° 5	2°47	14°10	1°34	6°37	5°29	19°55	28° 4	1°21	21°57	22°44	9°51	2°13	T 27
W28	16 24 23	7°17'16	4♓ 0	2°14	15°24	2°14	6°31	5°25	19°54	28° 3	1°23	21°R58	22°41	9°58	2°14	W28
T 29	16 28 19	8°14'53	16° 3	1°43	16°38	2°53	6°25	5°22	19°52	28° 2	1°24	21°58	22°38	10° 4	2°14	T 29
F 30	16 32 16	9°12'29	28°20	1°15	17°51	3°32	6°20	5°19	19°50	28° 1	1°25	21°57	22°34	10°11	2°14	F 30
S 31	16 36 12	10♊10'04	10♈53	0♊49	19♊ 5	4♋12	6♏14	5♏15	19♑49	28♑ 0	1♋27	21♐56	22♐31	10♒18	2♓15	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	15n11	3s53	5n 0	23n 6	2n40	14n42	0s49	23n22	0n52	13s21	1n24	11s23	2n42	22s18	0s26	19s59	0n31	17n18	6s 7	23s13	23s17	15s 8	5s13	6n 4	
F 2	15 29	0n56	5 10	23 19	2 41	15 6	0 47	23 27	0 53	13 19	1 24	11 22	2 42	22 18	0 26	19 59	0 31	17 18	6 7	23 13	23 17	15 5	5 12	6 4	
S 3	15 46	5 49	5 5	23 30	2 41	15 30	0 45	23 31	0 53	13 17	1 24	11 20	2 42	22 18	0 26	19 59	0 31	17 18	6 7	23 13	23 17	15 3	5 11	6 4	
S 4	16 4	10 34	4 45	23 38	2 40	15 53	0 42	23 36	0 53	13 14	1 24	11 19	2 42	22 18	0 26	19 59	0 31	17 18	6 7	23 12	23 17	15 1	5 10	6 5	
M 5	16 21	14 57	4 10	23 45	2 38	16 17	0 40	23 40	0 54	13 12	1 24	11 17	2 42	22 19	0 26	19 59	0 31	17 18	6 6	23 12	23 17	14 58	5 9	6 5	
T 6	16 38	18 42	3 20	23 49	2 35	16 39	0 38	23 44	0 54	13 10	1 24	11 16	2 42	22 19	0 26	19 59	0 31	17 19	6 6	23 11	23 17	14 56	5 8	6 5	
W 7	16 54	21 29	2 17	23 51	2 30	17 1	0 36	23 48	0 54	13 7	1 24	11 15	2 41	22 19	0 26	19 59	0 31	17 19	6 6	23 11	23 16	14 54	5 7	6 6	
T 8	17 11	23 1	1 6	23 51	2 25	17 23	0 34	23 52	0 55	13 5	1 24	11 13	2 41	22 19	0 26	19 59	0 31	17 19	6 6	23 11	23 16	14 52	5 6	6 6	
F 9	17 27	23 6	0s11	23 48	2 18	17 45	0 32	23 56	0 55	13 3	1 24	11 12	2 41	22 19	0 26	19 59	0 31	17 19	6 6	23 11	23 16	14 49	5 5	6 6	
S 10	17 43	21 42	1 27	23 44	2 10	18 6	0 30	23 59	0 55	13 0	1 24	11 10	2 41	22 19	0 26	19 59	0 31	17 19	6 6	23 11	23 16	14 47	5 4	6 7	
S 11	17 58	18 55	2 39	23 37	2 1	18 26	0 27	24 2	0 56	12 58	1 23	11 9	2 41	22 19	0 26	19 59	0 31	17 19	6 6	23 11	23 16	14 45	5 4	6 7	
M12	18 13	14 59	3 41	23 29	1 51	18 46	0 25	24 5	0 56	12 56	1 23	11 8	2 41	22 20	0 26	19 59	0 31	17 19	6 5	23 11	23 16	14 42	5 3	6 7	
T 13	18 28	10 14	4 28	23 19	1 40	19 5	0 23	24 8	0 56	12 54	1 23	11 6	2 41	22 20	0 26	19 59	0 31	17 20	6 5	23 11	23 15	14 40	5 2	6 8	
W14	18 42	4 57	5 0	23 7	1 28	19 24	0 20	24 10	0 57	12 52	1 23	11 5	2 41	22 20	0 26	19 59	0 31	17 20	6 5	23 11	23 15	14 38	5 1	6 8	
T 15	18 57	0s32	5 13	22 53	1 15	19 43	0 18	24 13	0 57	12 50	1 23	11 4	2 41	22 20	0 26	19 59	0 31	17 20	6 5	23 11	23 15	14 35	5 0	6 8	
F 16	19 11	5 56	5 8	22 37	1 1	20 1	0 16	24 15	0 57	12 47	1 23	11 3	2 41	22 20	0 26	20 0	0 31	17 20	6 5	23 11	23 15	14 33	5 0	6 9	
S 17	19 24	10 59	4 45	22 20	0 46	20 18	0 13	24 17	0 58	12 45	1 23	11 1	2 41	22 20	0 26	20 0	0 31	17 20	6 5	23 11	23 15	14 31	4 59	6 9	
S 18	19 37	15 26	4 6	22 1	0 30	20 35	0 11	24 19	0 58	12 43	1 23	11 0	2 40	22 21	0 26	20 0	0 31	17 20	6 5	23 11	23 15	14 28	4 58	6 9	
M19	19 50	19 1	3 15	21 41	0 14	20 51	0 9	24 20	0 58	12 41	1 22	10 59	2 40	22 21	0 26	20 0	0 31	17 20	6 5	23 10	23 14	14 26	4 57	6 10	
T 20	20 3	21 34	2 14	21 20	0s 3	21 7	0 6	24 21	0 58	12 39	1 22	10 58	2 40	22 21	0 26	20 0	0 31	17 20	6 4	23 10	23 14	14 24	4 57	6 10	
W21	20 15	22 58	1 8	20 58	0 20	21 22	0 4	24 22	0 59	12 37	1 22	10 57	2 40	22 21	0 26	20 0	0 31	17 20	6 4	23 10	23 14	14 22	4 56	6 10	
T 22	20 27	23 10	0n 1	20 36	0 38	21 36	0 1	24 23	0 59	12 35	1 22	10 56	2 40	22 21	0 26	20 0	0 31	17 21	6 4	23 10	23 14	14 19	4 55	6 11	
F 23	20 38	22 13	1 8	20 13	0 56	21 50	0n 1	24 24	0 59	12 33	1 22	10 54	2 40	22 22	0 26	20 0	0 31	17 21	6 4	23 10	23 14	14 17	4 55	6 11	
S 24	20 49	20 14	2 11	19 49	1 13	22 3	0 3	24 25	0 59	12 32	1 21	10 53	2 40	22 22	0 26	20 1	0 31	17 21	6 4	23 10	23 14	14 15	4 54	6 11	
S 25	21 0	17 24	3 8	19 26	1 30	22 16	0 6	24 25	1 0	12 30	1 21	10 52	2 39	22 22	0 26	20 1	0 31	17 21	6 4	23 10	23 13	14 12	4 54	6 12	
M26	21 11	13 52	3 56	19 3	1 47	22 28	0 8	24 25	1 0	12 28	1 21	10 51	2 39	22 22	0 26	20 1	0 31	17 21	6 4	23 10	23 13	14 10	4 53	6 12	
T 27	21 21	9 48	4 35	18 40	2 4	22 39	0 11	24 25	1 0	12 26	1 21	10 50	2 39	22 23	0 26	20 1	0 31	17 21	6 4	23 10	23 13	14 8	4 53	6 12	
W28	21 30	5 21	5 1	18 19	2 19	22 50	0 13	24 24	1 0	12 25	1 21	10 49	2 39	22 23	0 26	20 1	0 31	17 21	6 4	23 10	23 13	14 5	4 52	6 13	
T 29	21 40	0 39	5 15	17 58	2 34	23 0	0 15	24 24	1 1	12 23	1 21	10 48	2 39	22 23	0 26	20 1	0 31	17 21	6 3	23 10	23 13	14 3	4 51	6 13	
F 30	21 49	4n 9	5 14	17 39	2 48	23 10	0 18	24 23	1 1	12 21	1 20	10 47	2 39	22 23	0 26	20 1	0 31	17 21	6 3	23 10	23 13	14 1	4 51	6 13	
S 31	21n57	8n53	4n59	17n21	3s 1	23n18	0n20	24n22	1n 1	12s20	1n20	10s46	2n38	22s24	0s26	20s 2	0n31	17n21	6s 3	23s10	23s12	13s58	4s51	6n14	

Julian Day Number = 2510104.5, Delta T = 129.03 sec
Ecliptic obliquity = 23°25'06, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°58'50, Lahiri = 26°05'51

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2160
geocentric

JUNE 2160 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 40 9	11♊ 7'39	23♈46	0°R26	20♊19	4♋51	6°R 9	5°R12	19°R47	27°R59	1♋28	21°R55	22♐28	10♒24	2♓15	S 1
M 2	16 44 5	12° 5'12	7♉ 2	0♊ 7	21°33	5°31	6♏ 4	5♏ 9	19♑45	27♑58	1°30	21♐53	22°25	10°31	2°15	M 2
T 3	16 48 2	13° 2'45	20°40	29♉52	22°46	6°10	5°59	5° 6	19°44	27°57	1°31	21°52	22°22	10°38	2°15	T 3
W 4	16 51 59	14° 0'16	4♊41	29°40	24° 0	6°49	5°54	5° 3	19°42	27°56	1°32	21°51	22°18	10°44	2°16	W 4
T 5	16 55 55	14°57'47	18°59	29°33	25°14	7°29	5°50	5° 0	19°40	27°55	1°34	21°D51	22°15	10°51	2°R16	T 5
F 6	16 59 52	15°55'17	3♋31	29°D30	26°27	8° 8	5°45	4°57	19°38	27°54	1°35	21°51	22°12	10°58	2°16	F 6
S 7	17 3 48	16°52'46	18°10	29°32	27°41	8°47	5°41	4°54	19°36	27°53	1°36	21°52	22° 9	11° 4	2°15	S 7
S 8	17 7 45	17°50'14	2♌50	29°38	28°54	9°26	5°37	4°51	19°34	27°52	1°38	21°52	22° 6	11°11	2°15	S 8
M 9	17 11 41	18°47'40	17°25	29°48	0♋ 8	10° 5	5°33	4°49	19°32	27°51	1°39	21°52	22° 3	11°18	2°15	M 9
T 10	17 15 38	19°45'05	1♍50	0♊ 3	1°22	10°45	5°29	4°46	19°30	27°50	1°41	21°53	21°59	11°24	2°15	T 10
W11	17 19 35	20°42'29	16° 2	0°23	2°35	11°24	5°25	4°44	19°28	27°49	1°42	21°R53	21°56	11°31	2°15	W11
T 12	17 23 31	21°39'52	29°59	0°46	3°49	12° 3	5°22	4°41	19°26	27°47	1°44	21°D53	21°53	11°38	2°14	T 12
F 13	17 27 28	22°37'14	13♎40	1°15	5° 2	12°42	5°19	4°39	19°24	27°46	1°45	21°53	21°50	11°45	2°14	F 13
S 14	17 31 24	23°34'35	27° 5	1°47	6°16	13°21	5°15	4°37	19°22	27°45	1°46	21°53	21°47	11°51	2°13	S 14
S 15	17 35 21	24°31'55	10♏14	2°24	7°30	14° 0	5°12	4°34	19°20	27°44	1°48	21°53	21°44	11°58	2°13	S 15
M16	17 39 17	25°29'14	23° 8	3° 5	8°43	14°39	5°10	4°32	19°18	27°42	1°49	21°53	21°40	12° 5	2°12	M16
T 17	17 43 14	26°26'32	5♐49	3°50	9°57	15°18	5° 7	4°30	19°16	27°41	1°51	21°54	21°37	12°11	2°11	T 17
W18	17 47 10	27°23'49	18°17	4°38	11°10	15°57	5° 4	4°29	19°14	27°40	1°52	21°R54	21°34	12°18	2°10	W18
T 19	17 51 7	28°21'06	0♑35	5°31	12°24	16°36	5° 2	4°27	19°11	27°38	1°54	21°54	21°31	12°25	2°10	T 19
F 20	17 55 4	29°18'22	12°43	6°28	13°37	17°15	5° 0	4°25	19° 9	27°37	1°55	21°53	21°28	12°31	2° 9	F 20
S 21	17 59 0	0♋15'38	24°43	7°28	14°51	17°54	4°58	4°24	19° 7	27°36	1°56	21°52	21°24	12°38	2° 8	S 21
S 22	18 2 57	1°12'54	6♒37	8°32	16° 4	18°33	4°56	4°22	19° 5	27°34	1°58	21°51	21°21	12°45	2° 7	S 22
M23	18 6 53	2°10'09	18°28	9°40	17°17	19°12	4°55	4°21	19° 3	27°33	1°59	21°50	21°18	12°51	2° 6	M23
T 24	18 10 50	3° 7'23	0♓20	10°52	18°31	19°51	4°53	4°19	19° 0	27°31	2° 1	21°49	21°15	12°58	2° 5	T 24
W25	18 14 46	4° 4'38	12°14	12° 7	19°44	20°29	4°52	4°18	18°58	27°30	2° 2	21°47	21°12	13° 5	2° 4	W25
T 26	18 18 43	5° 1'52	24°17	13°25	20°58	21° 8	4°51	4°17	18°56	27°28	2° 4	21°46	21° 9	13°12	2° 2	T 26
F 27	18 22 39	5°59'06	6♈31	14°47	22°11	21°47	4°50	4°16	18°53	27°27	2° 5	21°D46	21° 5	13°18	2° 1	F 27
S 28	18 26 36	6°56'20	19° 2	16°12	23°25	22°26	4°49	4°15	18°51	27°25	2° 7	21°46	21° 2	13°25	2° 0	S 28
S 29	18 30 33	7°53'34	1♉53	17°41	24°38	23° 5	4°49	4°14	18°49	27°24	2° 8	21°47	20°59	13°32	1°58	S 29
M30	18 34 29	8♋50'49	15♉ 7	19♊13	25♋51	23♋43	4♏49	4♏13	18♑46	27♑22	2♋ 9	21♐49	20♐56	13♒38	1♓57	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n 5	13n23	4n29	17n 5	3s13	23n26	0n23	24n21	1n 1	12s18	1n20	10s45	2n38	22s24	0s26	20s 2	0n31	17n21	6s 3	23s10	23s12	13s56	4s50	6n14
M 2	22 13	17 22	3 44	16 51	3 23	23 34	0 25	24 20	1 2	12 17	1 20	10 45	2 38	22 24	0 26	20 2	0 31	17 22	6 3	23 10	23 12	13 54	4 50	6 14
T 3	22 21	20 33	2 44	16 38	3 33	23 41	0 27	24 18	1 2	12 15	1 19	10 44	2 38	22 24	0 27	20 2	0 31	17 22	6 3	23 10	23 12	13 51	4 49	6 15
W 4	22 28	22 35	1 34	16 28	3 41	23 47	0 30	24 17	1 2	12 14	1 19	10 43	2 38	22 25	0 27	20 2	0 31	17 22	6 3	23 10	23 12	13 49	4 49	6 15
T 5	22 34	23 14	0 16	16 20	3 48	23 52	0 32	24 15	1 2	12 13	1 19	10 42	2 37	22 25	0 27	20 3	0 31	17 22	6 3	23 10	23 12	13 46	4 49	6 15
F 6	22 40	22 18	1s 4	16 13	3 54	23 56	0 34	24 13	1 3	12 11	1 19	10 41	2 37	22 25	0 27	20 3	0 32	17 22	6 3	23 10	23 11	13 44	4 48	6 16
S 7	22 46	19 52	2 21	16 9	3 58	24 0	0 37	24 10	1 3	12 10	1 19	10 41	2 37	22 26	0 27	20 3	0 32	17 22	6 3	23 10	23 11	13 42	4 48	6 16
S 8	22 52	16 8	3 28	16 7	4 2	24 4	0 39	24 8	1 3	12 9	1 18	10 40	2 37	22 26	0 27	20 3	0 32	17 22	6 2	23 10	23 11	13 39	4 48	6 16
M 9	22 57	11 26	4 22	16 7	4 4	24 6	0 41	24 5	1 3	12 8	1 18	10 39	2 37	22 26	0 27	20 4	0 32	17 22	6 2	23 10	23 11	13 37	4 48	6 17
T 10	23 1	6 10	4 58	16 9	4 5	24 8	0 43	24 2	1 3	12 7	1 18	10 39	2 36	22 26	0 27	20 4	0 32	17 22	6 2	23 10	23 11	13 35	4 47	6 17
W11	23 6	0 39	5 16	16 13	4 5	24 9	0 45	23 59	1 4	12 6	1 18	10 38	2 36	22 27	0 27	20 4	0 32	17 22	6 2	23 10	23 10	13 32	4 47	6 17
T 12	23 9	4s48	5 14	16 19	4 4	24 9	0 48	23 56	1 4	12 5	1 17	10 37	2 36	22 27	0 27	20 4	0 32	17 22	6 2	23 10	23 10	13 30	4 47	6 18
F 13	23 13	9 55	4 55	16 26	4 2	24 9	0 50	23 52	1 4	12 4	1 17	10 37	2 36	22 27	0 27	20 4	0 32	17 22	6 2	23 10	23 10	13 28	4 47	6 18
S 14	23 16	14 27	4 20	16 35	4 0	24 8	0 52	23 49	1 4	12 3	1 17	10 36	2 35	22 28	0 27	20 5	0 32	17 22	6 2	23 10	23 10	13 25	4 47	6 18
S 15	23 18	18 13	3 31	16 46	3 56	24 6	0 54	23 45	1 4	12 3	1 17	10 36	2 35	22 28	0 27	20 5	0 32	17 22	6 2	23 10	23 10	13 23	4 47	6 19
M16	23 20	21 0	2 33	16 58	3 51	24 4	0 56	23 41	1 4	12 2	1 16	10 35	2 35	22 28	0 27	20 5	0 32	17 22	6 2	23 10	23 9	13 21	4 46	6 19
T 17	23 22	22 42	1 28	17 12	3 46	24 0	0 58	23 37	1 5	12 1	1 16	10 35	2 35	22 29	0 27	20 5	0 32	17 22	6 2	23 10	23 9	13 18	4 46	6 19
W18	23 24	23 14	0 20	17 27	3 40	23 56	1 0	23 32	1 5	12 1	1 16	10 35	2 34	22 29	0 27	20 6	0 32	17 23	6 2	23 10	23 9	13 16	4 46	6 20
T 19	23 24	22 37	0n48	17 43	3 33	23 52	1 2	23 28	1 5	12 0	1 16	10 34	2 34	22 29	0 27	20 6	0 31	17 23	6 2	23 10	23 9	13 13	4 46	6 20
F 20	23 25	20 56	1 53	18 0	3 26	23 47	1 4	23 23	1 5	12 0	1 15	10 34	2 34	22 30	0 27	20 6	0 31	17 23	6 2	23 10	23 9	13 11	4 46	6 20
S 21	23 25	18 21	2 52	18 17	3 17	23 41	1 5	23 18	1 5	11 59	1 15	10 34	2 34	22 30	0 27	20 7	0 31	17 23	6 2	23 10	23 8	13 9	4 46	6 21
S 22	23 25	15 0	3 43	18 36	3 9	23 34	1 7	23 13	1 5	11 59	1 15	10 33	2 34	22 30	0 27	20 7	0 31	17 23	6 2	23 10	23 8	13 6	4 46	6 21
M23	23 24	11 5	4 24	18 55	3 0	23 26	1 9	23 8	1 6	11 59	1 15	10 33	2 33	22 31	0 27	20 7	0 31	17 23	6 2	23 10	23 8	13 4	4 47	6 21
T 24	23 23	6 45	4 54	19 15	2 50	23 18	1 11	23 2	1 6	11 58	1 14	10 33	2 33	22 31	0 27	20 7	0 31	17 23	6 1	23 10	23 8	13 2	4 47	6 22
W25	23 21	2 9	5 12	19 35	2 40	23 10	1 12	22 56	1 6	11 58	1 14	10 33	2 33	22 31	0 27	20 8	0 31	17 23	6 1	23 10	23 8	12 59	4 47	6 22
T 26	23 19	2n34	5 16	19 55	2 29	23 0	1 14	22 51	1 6	11 58	1 14	10 33	2 32	22 32	0 27	20 8	0 31	17 23	6 1	23 10	23 7	12 57	4 47	6 22
F 27	23 17	7 16	5 6	20 16	2 18	22 50	1 15	22 45	1 6	11 58	1 13	10 32	2 32	22 32	0 27	20 8	0 31	17 23	6 1	23 10	23 7	12 54	4 47	6 23
S 28	23 14	11 47	4 41	20 36	2 7	22 39	1 17	22 39	1 6	11 58	1 13	10 32	2 32	22 32	0 27	20 9	0 31	17 23	6 1	23 10	23 7	12 52	4 47	6 23
S 29	23 11	15 54	4 2	20 56	1 55	22 28	1 18	22 32	1 6	11 58	1 13	10 32	2 32	22 33	0 27	20 9	0 31	17 23	6 1	23 10	23 7	12 50	4 47	6 23
M30	23n 7	19n22	3n 9	21n15	1s44	22n16	1n20	22n26	1n 6	11s58	1n13	10s32	2n31	22s33	0s27	20s 9	0n31	17n23	6s 1	23s10	23s 6	12s47	4s48	6n23

Julian Day Number = 2510135.5, Delta T = 129.09 sec
Ecliptic obliquity = 23°25'05, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°58'55, Lahiri = 26°05'55

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2160
geocentric

JULY 2160 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 38 26	9♋48'03	28♉47	20♊49	27♋ 5	24♋22	4°D48	4°R13	18°R44	27°R21	2♋11	21♐50	20♐53	13♒45	1°R55	T 1
W 2	18 42 22	10°45'17	12♊53	22°27	28°18	25° 1	4♏49	4♏12	18♑41	27♑19	2°12	21°51	20°50	13°52	1♓54	W 2
T 3	18 46 19	11°42'31	27°22	24° 9	29°32	25°39	4°49	4°12	18°39	27°18	2°14	21°R51	20°46	13°58	1°52	T 3
F 4	18 50 15	12°39'46	12♋11	25°54	0♌45	26°18	4°49	4°11	18°37	27°16	2°15	21°50	20°43	14° 5	1°51	F 4
S 5	18 54 12	13°37'00	27°11	27°42	1°58	26°57	4°50	4°11	18°34	27°15	2°17	21°48	20°40	14°12	1°49	S 5
S 6	18 58 8	14°34'14	12♌14	29°33	3°12	27°36	4°50	4°11	18°32	27°13	2°18	21°45	20°37	14°19	1°47	S 6
M 7	19 2 5	15°31'28	27°12	1♋27	4°25	28°14	4°51	4°D11	18°29	27°12	2°19	21°42	20°34	14°25	1°45	M 7
T 8	19 6 2	16°28'41	11♍56	3°23	5°38	28°53	4°52	4°11	18°27	27°10	2°21	21°39	20°30	14°32	1°43	T 8
W 9	19 9 58	17°25'54	26°20	5°22	6°51	29°31	4°54	4°11	18°25	27° 8	2°22	21°37	20°27	14°39	1°42	W 9
T 10	19 13 55	18°23'07	10♎21	7°23	8° 5	0♌10	4°55	4°11	18°22	27° 7	2°24	21°36	20°24	14°45	1°40	T 10
F 11	19 17 51	19°20'20	23°59	9°26	9°18	0°49	4°57	4°12	18°20	27° 5	2°25	21°D36	20°21	14°52	1°38	F 11
S 12	19 21 48	20°17'32	7♏15	11°31	10°31	1°27	4°59	4°12	18°17	27° 4	2°26	21°37	20°18	14°59	1°36	S 12
S 13	19 25 44	21°14'45	20°10	13°37	11°44	2° 6	5° 1	4°13	18°15	27° 2	2°28	21°38	20°15	15° 5	1°33	S 13
M14	19 29 41	22°11'57	2♐49	15°45	12°58	2°44	5° 3	4°13	18°13	27° 0	2°29	21°40	20°11	15°12	1°31	M14
T 15	19 33 37	23° 9'10	15°13	17°53	14°11	3°23	5° 5	4°14	18°10	26°59	2°30	21°41	20° 8	15°19	1°29	T 15
W16	19 37 34	24° 6'23	27°26	20° 2	15°24	4° 1	5° 8	4°15	18° 8	26°57	2°32	21°R41	20° 5	15°25	1°27	W16
T 17	19 41 31	25° 3'35	9♑31	22°11	16°37	4°40	5°10	4°16	18° 5	26°56	2°33	21°39	20° 2	15°32	1°25	T 17
F 18	19 45 27	26° 0'48	21°29	24°20	17°50	5°18	5°13	4°17	18° 3	26°54	2°35	21°36	19°59	15°39	1°22	F 18
S 19	19 49 24	26°58'02	3♒24	26°29	19° 3	5°57	5°16	4°18	18° 1	26°52	2°36	21°32	19°56	15°46	1°20	S 19
S 20	19 53 20	27°55'15	15°15	28°37	20°17	6°35	5°20	4°19	17°58	26°51	2°37	21°26	19°52	15°52	1°18	S 20
M21	19 57 17	28°52'30	27° 7	0♌44	21°30	7°13	5°23	4°21	17°56	26°49	2°39	21°19	19°49	15°59	1°15	M21
T 22	20 1 13	29°49'44	8♓59	2°51	22°43	7°52	5°26	4°22	17°53	26°47	2°40	21°12	19°46	16° 6	1°13	T 22
W23	20 5 10	0♌47'00	20°56	4°56	23°56	8°30	5°30	4°23	17°51	26°46	2°41	21° 6	19°43	16°12	1°10	W23
T 24	20 9 6	1°44'16	2♈59	7° 0	25° 9	9° 9	5°34	4°25	17°49	26°44	2°42	21° 1	19°40	16°19	1° 8	T 24
F 25	20 13 3	2°41'32	15°13	9° 3	26°22	9°47	5°38	4°27	17°46	26°43	2°44	20°58	19°36	16°26	1° 5	F 25
S 26	20 17 0	3°38'50	27°41	11° 4	27°35	10°25	5°42	4°29	17°44	26°41	2°45	20°56	19°33	16°32	1° 3	S 26
S 27	20 20 56	4°36'08	10♉27	13° 4	28°48	11° 4	5°47	4°30	17°42	26°39	2°46	20°D56	19°30	16°39	1° 0	S 27
M28	20 24 53	5°33'28	23°36	15° 3	0♍ 1	11°42	5°51	4°32	17°40	26°38	2°48	20°57	19°27	16°46	0°57	M28
T 29	20 28 49	6°30'49	7♊10	16°59	1°14	12°21	5°56	4°35	17°37	26°36	2°49	20°58	19°24	16°53	0°54	T 29
W30	20 32 46	7°28'10	21°11	18°54	2°27	12°59	6° 0	4°37	17°35	26°35	2°50	20°R59	19°21	16°59	0°52	W30
T 31	20 36 42	8♌25'32	5♋39	20♌48	3♍40	13♌37	6♏ 5	4♏39	17♑33	26♑33	2♋51	20♐58	19♐17	17♒ 6	0♓49	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n 3	21n53	2n 4	21n35	1s32	22n 3	1n21	22n19	1n 7	11s59	1n12	10s32	2n31	22s33	0s27	20s 9	0n31	17n23	6s 1	23s10	23s 6	12s45	4s48	6n24
W 2	22 59	23 8	0 49	21 53	1 20	21 50	1 22	22 12	1 7	11 59	1 12	10 32	2 31	22 34	0 27	20 10	0 31	17 23	6 1	23 10	23 6	12 42	4 48	6 24
T 3	22 54	22 53	0s30	22 10	1 7	21 36	1 24	22 5	1 7	11 59	1 12	10 32	2 31	22 34	0 27	20 10	0 31	17 23	6 1	23 10	23 6	12 40	4 49	6 24
F 4	22 49	21 2	1 50	22 26	0 55	21 21	1 25	21 58	1 7	12 0	1 12	10 33	2 30	22 34	0 27	20 10	0 31	17 23	6 1	23 10	23 6	12 38	4 49	6 25
S 5	22 43	17 43	3 3	22 41	0 43	21 6	1 26	21 51	1 7	12 0	1 11	10 33	2 30	22 35	0 27	20 11	0 31	17 23	6 1	23 10	23 5	12 35	4 49	6 25
S 6	22 37	13 13	4 3	22 54	0 31	20 50	1 27	21 43	1 7	12 0	1 11	10 33	2 30	22 35	0 27	20 11	0 31	17 23	6 1	23 10	23 5	12 33	4 50	6 25
M 7	22 31	7 57	4 46	23 6	0 19	20 34	1 28	21 36	1 7	12 1	1 11	10 33	2 30	22 35	0 27	20 11	0 31	17 23	6 1	23 10	23 5	12 30	4 50	6 25
T 8	22 24	2 18	5 10	23 16	0 7	20 17	1 29	21 28	1 7	12 2	1 10	10 33	2 29	22 36	0 27	20 12	0 31	17 23	6 1	23 9	23 5	12 28	4 50	6 26
W 9	22 17	3s20	5 13	23 23	0n 5	19 59	1 30	21 20	1 7	12 2	1 10	10 34	2 29	22 36	0 27	20 12	0 31	17 23	6 1	23 9	23 4	12 26	4 51	6 26
T 10	22 9	8 39	4 58	23 28	0 16	19 41	1 30	21 12	1 8	12 3	1 10	10 34	2 29	22 36	0 27	20 12	0 31	17 23	6 1	23 9	23 4	12 23	4 51	6 26
F 11	22 1	13 24	4 25	23 31	0 26	19 22	1 31	21 4	1 8	12 4	1 10	10 34	2 29	22 37	0 27	20 13	0 31	17 23	6 1	23 9	23 4	12 21	4 52	6 26
S 12	21 53	17 23	3 40	23 32	0 37	19 3	1 32	20 55	1 8	12 5	1 9	10 35	2 28	22 37	0 27	20 13	0 31	17 23	6 1	23 9	23 4	12 18	4 52	6 27
S 13	21 44	20 24	2 44	23 29	0 46	18 44	1 32	20 47	1 8	12 6	1 9	10 35	2 28	22 37	0 27	20 13	0 31	17 23	6 1	23 9	23 4	12 16	4 53	6 27
M14	21 35	22 22	1 42	23 25	0 55	18 24	1 33	20 38	1 8	12 7	1 9	10 36	2 28	22 38	0 27	20 14	0 31	17 23	6 1	23 9	23 3	12 14	4 53	6 27
T 15	21 26	23 11	0 35	23 17	1 4	18 3	1 33	20 29	1 8	12 8	1 9	10 36	2 27	22 38	0 27	20 14	0 31	17 23	6 1	23 9	23 3	12 11	4 54	6 27
W16	21 16	22 52	0n31	23 6	1 12	17 42	1 34	20 20	1 8	12 9	1 8	10 37	2 27	22 38	0 27	20 14	0 31	17 23	6 1	23 9	23 3	12 9	4 54	6 27
T 17	21 6	21 29	1 36	22 53	1 19	17 20	1 34	20 11	1 8	12 10	1 8	10 37	2 27	22 39	0 27	20 14	0 31	17 23	6 1	23 9	23 3	12 6	4 55	6 28
F 18	20 56	19 9	2 35	22 38	1 25	16 58	1 34	20 2	1 8	12 11	1 8	10 38	2 27	22 39	0 27	20 15	0 31	17 23	6 1	23 9	23 2	12 4	4 56	6 28
S 19	20 45	16 1	3 28	22 19	1 30	16 35	1 34	19 52	1 8	12 12	1 8	10 39	2 26	22 39	0 27	20 15	0 31	17 23	6 1	23 9	23 2	12 1	4 56	6 28
S 20	20 34	12 15	4 11	21 58	1 35	16 12	1 34	19 43	1 8	12 14	1 7	10 39	2 26	22 40	0 27	20 15	0 31	17 23	6 1	23 8	23 2	11 59	4 57	6 28
M21	20 22	8 2	4 43	21 35	1 39	15 49	1 35	19 33	1 8	12 15	1 7	10 40	2 26	22 40	0 27	20 16	0 31	17 23	6 1	23 8	23 2	11 57	4 58	6 28
T 22	20 10	3 31	5 3	21 10	1 42	15 25	1 34	19 23	1 8	12 16	1 7	10 41	2 26	22 40	0 27	20 16	0 31	17 23	6 1	23 8	23 1	11 54	4 58	6 29
W23	19 58	1n 9	5 10	20 43	1 45	15 1	1 34	19 13	1 8	12 18	1 7	10 41	2 25	22 41	0 27	20 16	0 31	17 22	6 1	23 7	23 1	11 52	4 59	6 29
T 24	19 45	5 49	5 3	20 13	1 46	14 36	1 34	19 3	1 8	12 19	1 6	10 42	2 25	22 41	0 27	20 17	0 31	17 22	6 1	23 7	23 1	11 49	5 0	6 29
F 25	19 32	10 20	4 43	19 42	1 47	14 11	1 34	18 53	1 9	12 21	1 6	10 43	2 25	22 41	0 27	20 17	0 31	17 22	6 1	23 7	23 1	11 47	5 0	6 29
S 26	19 19	14 30	4 9	19 10	1 48	13 46	1 34	18 43	1 9	12 23	1 6	10 44	2 25	22 42	0 27	20 17	0 31	17 22	6 1	23 6	23 0	11 45	5 1	6 29
S 27	19 6	18 8	3 21	18 35	1 47	13 20	1 33	18 32	1 9	12 24	1 6	10 45	2 24	22 42	0 27	20 18	0 31	17 22	6 1	23 6	23 0	11 42	5 2	6 29
M28	18 52	20 57	2 23	18 0	1 46	12 54	1 33	18 22	1 9	12 26	1 5	10 46	2 24	22 42	0 27	20 18	0 31	17 22	6 1	23 7	23 0	11 40	5 3	6 30
T 29	18 38	22 42	1 14	17 23	1 44	12 28	1 32	18 11	1 9	12 28	1 5	10 47	2 24	22 42	0 27	20 18	0 31	17 22	6 1	23 7	23 0	11 37	5 4	6 30
W30	18 23	23 6	0s 1	16 46	1 42	12 1	1 32	18 0	1 9	12 30	1 5	10 48	2 23	22 43	0 27	20 19	0 31	17 22	6 1	23 7	22 59	11 35	5 4	6 30
T 31	18n 8	22n 0	1s18	16n 7	1n39	11n34	1n31	17n49	1n 9	12s31	1n 5	10s49	2n23	22s43	0s27	20s19	0n31	17n22	6s 1	23s 7	22s59	11s32	5s 5	6n30

Julian Day Number = 2510165.5, Delta T = 129.15 sec
Ecliptic obliquity = 23°25'04, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°58'59, Lahiri = 26°05'59

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2160
geocentric

AUGUST 2160 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 40 39	9♌22'56	20♋31	22♌39	4♍52	14♌16	6♏11	4♏41	17°R31	26°R31	2♋52	20°R55	19♐14	17♒13	0°R46	F 1
S 2	20 44 36	10°20'20	5♌39	24°29	6° 5	14°54	6°16	4°44	17♑29	26♑30	2°54	20♐50	19°11	17°19	0♓43	S 2
S 3	20 48 32	11°17'45	20°55	26°18	7°18	15°32	6°21	4°46	17°26	26°28	2°55	20°43	19° 8	17°26	0°41	S 3
M 4	20 52 29	12°15'11	6♍ 9	28° 4	8°31	16°11	6°27	4°49	17°24	26°27	2°56	20°36	19° 5	17°33	0°38	M 4
T 5	20 56 25	13°12'37	21° 8	29°50	9°44	16°49	6°33	4°52	17°22	26°25	2°57	20°28	19° 2	17°39	0°35	T 5
W 6	21 0 22	14°10'04	5♎46	1♍33	10°57	17°27	6°38	4°55	17°20	26°24	2°58	20°22	18°58	17°46	0°32	W 6
T 7	21 4 18	15° 7'32	19°57	3°15	12°10	18° 5	6°45	4°57	17°18	26°22	2°59	20°17	18°55	17°53	0°29	T 7
F 8	21 8 15	16° 5'01	3♏40	4°55	13°22	18°44	6°51	5° 0	17°16	26°21	3° 0	20°15	18°52	18° 0	0°26	F 8
S 9	21 12 11	17° 2'30	16°55	6°33	14°35	19°22	6°57	5° 3	17°14	26°19	3° 2	20°D14	18°49	18° 6	0°23	S 9
S 10	21 16 8	18° 0'00	29°46	8°10	15°48	20° 0	7° 3	5° 7	17°12	26°18	3° 3	20°14	18°46	18°13	0°20	S 10
M11	21 20 4	18°57'31	12♐17	9°46	17° 0	20°38	7°10	5°10	17°10	26°16	3° 4	20°15	18°42	18°20	0°17	M11
T 12	21 24 1	19°55'03	24°32	11°19	18°13	21°17	7°17	5°13	17° 8	26°15	3° 5	20°R15	18°39	18°26	0°14	T 12
W13	21 27 58	20°52'35	6♑36	12°52	19°26	21°55	7°24	5°17	17° 6	26°13	3° 6	20°14	18°36	18°33	0°11	W13
T 14	21 31 54	21°50'09	18°33	14°22	20°38	22°33	7°31	5°20	17° 4	26°12	3° 7	20°10	18°33	18°40	0° 8	T 14
F 15	21 35 51	22°47'43	0♒26	15°51	21°51	23°11	7°38	5°24	17° 3	26°10	3° 8	20° 4	18°30	18°47	0° 5	F 15
S 16	21 39 47	23°45'19	12°17	17°18	23° 3	23°50	7°45	5°27	17° 1	26° 9	3° 9	19°55	18°27	18°53	0° 2	S 16
S 17	21 43 44	24°42'55	24° 8	18°44	24°16	24°28	7°52	5°31	16°59	26° 8	3°10	19°45	18°23	19° 0	29♒59	S 17
M18	21 47 40	25°40'33	6♓ 2	20° 8	25°28	25° 6	8° 0	5°35	16°57	26° 6	3°11	19°33	18°20	19° 7	29°56	M18
T 19	21 51 37	26°38'12	17°59	21°30	26°41	25°44	8° 8	5°39	16°56	26° 5	3°12	19°20	18°17	19°13	29°53	T 19
W20	21 55 33	27°35'53	0♈ 1	22°50	27°53	26°22	8°15	5°43	16°54	26° 4	3°13	19° 9	18°14	19°20	29°50	W20
T 21	21 59 30	28°33'35	12°10	24° 9	29° 6	27° 1	8°23	5°47	16°52	26° 2	3°14	18°59	18°11	19°27	29°47	T 21
F 22	22 3 27	29°31'18	24°28	25°26	0♎18	27°39	8°31	5°51	16°51	26° 1	3°14	18°52	18° 7	19°33	29°44	F 22
S 23	22 7 23	0♍29'03	6♉58	26°41	1°30	28°17	8°39	5°55	16°49	26° 0	3°15	18°47	18° 4	19°40	29°40	S 23
S 24	22 11 20	1°26'50	19°44	27°54	2°43	28°55	8°48	6° 0	16°48	25°58	3°16	18°45	18° 1	19°47	29°37	S 24
M25	22 15 16	2°24'39	2♊48	29° 5	3°55	29°33	8°56	6° 4	16°46	25°57	3°17	18°D45	17°58	19°54	29°34	M25
T 26	22 19 13	3°22'29	16°14	0♎14	5° 7	0♍12	9° 4	6° 8	16°45	25°56	3°18	18°R45	17°55	20° 0	29°31	T 26
W27	22 23 9	4°20'21	0♋ 5	1°21	6°19	0°50	9°13	6°13	16°43	25°55	3°19	18°44	17°52	20° 7	29°28	W27
T 28	22 27 6	5°18'15	14°23	2°25	7°32	1°28	9°22	6°17	16°42	25°54	3°19	18°42	17°48	20°14	29°25	T 28
F 29	22 31 2	6°16'10	29° 4	3°27	8°44	2° 6	9°31	6°22	16°41	25°52	3°20	18°38	17°45	20°20	29°22	F 29
S 30	22 34 59	7°14'08	14♌ 6	4°27	9°56	2°44	9°40	6°27	16°40	25°51	3°21	18°31	17°42	20°27	29°19	S 30
S 31	22 38 56	8♍12'07	29♌19	5♎24	11♎ 8	3♍23	9♏49	6♏32	16♑38	25♑50	3♋22	18♐21	17♐39	20♒34	29♒16	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17n53	19n21	2s32	15n28	1n36	11n 7	1n30	17n38	1n 9	12s33	1n 4	10s50	2n23	22s43	0s27	20s19	0n31	17n22	6s 1	23s 6	22s59	11s30	5s 6	6n30
S 2	17 38	15 20	3 37	14 48	1 32	10 39	1 29	17 27	1 9	12 35	1 4	10 51	2 23	22 44	0 27	20 20	0 31	17 22	6 1	23 6	22 59	11 27	5 7	6 30
S 3	17 22	10 18	4 26	14 7	1 28	10 11	1 28	17 16	1 9	12 37	1 4	10 52	2 22	22 44	0 27	20 20	0 31	17 22	6 1	23 6	22 58	11 25	5 8	6 30
M 4	17 6	4 39	4 57	13 26	1 23	9 43	1 27	17 4	1 9	12 39	1 4	10 53	2 22	22 44	0 27	20 20	0 31	17 22	6 1	23 5	22 58	11 23	5 9	6 30
T 5	16 50	1s11	5 6	12 44	1 18	9 15	1 26	16 53	1 9	12 42	1 3	10 54	2 22	22 44	0 27	20 20	0 31	17 22	6 1	23 5	22 58	11 20	5 10	6 30
W 6	16 34	6 49	4 56	12 2	1 12	8 46	1 25	16 41	1 9	12 44	1 3	10 55	2 22	22 45	0 27	20 21	0 31	17 22	6 1	23 4	22 58	11 18	5 11	6 30
T 7	16 17	11 54	4 27	11 20	1 6	8 17	1 24	16 29	1 9	12 46	1 3	10 56	2 21	22 45	0 27	20 21	0 31	17 22	6 1	23 4	22 57	11 15	5 12	6 31
F 8	16 0	16 13	3 43	10 38	1 0	7 48	1 23	16 17	1 9	12 48	1 3	10 58	2 21	22 45	0 27	20 21	0 31	17 22	6 1	23 4	22 57	11 13	5 13	6 31
S 9	15 43	19 34	2 49	9 55	0 53	7 19	1 21	16 5	1 9	12 50	1 2	10 59	2 21	22 45	0 27	20 22	0 31	17 22	6 2	23 4	22 57	11 10	5 14	6 31
S 10	15 25	21 50	1 48	9 12	0 46	6 49	1 20	15 53	1 9	12 53	1 2	11 0	2 21	22 46	0 27	20 22	0 31	17 21	6 2	23 4	22 57	11 8	5 15	6 31
M11	15 8	22 57	0 43	8 30	0 39	6 20	1 18	15 41	1 9	12 55	1 2	11 1	2 20	22 46	0 27	20 22	0 31	17 21	6 2	23 4	22 56	11 5	5 16	6 31
T 12	14 50	22 55	0n23	7 47	0 31	5 50	1 17	15 29	1 9	12 57	1 2	11 3	2 20	22 46	0 27	20 23	0 31	17 21	6 2	23 4	22 56	11 3	5 17	6 31
W13	14 31	21 49	1 26	7 5	0 23	5 20	1 15	15 17	1 9	13 0	1 1	11 4	2 20	22 46	0 27	20 23	0 31	17 21	6 2	23 4	22 56	11 1	5 18	6 31
T 14	14 13	19 44	2 25	6 23	0 15	4 50	1 13	15 4	1 9	13 2	1 1	11 6	2 20	22 47	0 27	20 23	0 31	17 21	6 2	23 3	22 55	10 58	5 19	6 31
F 15	13 54	16 50	3 17	5 41	0 7	4 20	1 11	14 52	1 9	13 5	1 1	11 7	2 19	22 47	0 27	20 23	0 31	17 21	6 2	23 3	22 55	10 56	5 20	6 31
S 16	13 35	13 15	4 0	4 59	0s 2	3 49	1 10	14 39	1 9	13 7	1 1	11 8	2 19	22 47	0 27	20 24	0 31	17 21	6 2	23 2	22 55	10 53	5 21	6 31
S 17	13 16	9 10	4 33	4 18	0 11	3 19	1 8	14 26	1 9	13 10	1 1	11 10	2 19	22 47	0 27	20 24	0 31	17 21	6 2	23 1	22 55	10 51	5 22	6 31
M18	12 57	4 44	4 54	3 37	0 19	2 48	1 6	14 13	1 9	13 13	1 0	11 11	2 19	22 47	0 27	20 24	0 31	17 21	6 2	23 0	22 54	10 48	5 23	6 31
T 19	12 38	0 7	5 2	2 56	0 29	2 18	1 4	14 0	1 9	13 15	1 0	11 13	2 19	22 48	0 27	20 25	0 31	17 21	6 2	22 59	22 54	10 46	5 24	6 31
W20	12 18	4n33	4 57	2 16	0 38	1 47	1 2	13 47	1 9	13 18	1 0	11 14	2 18	22 48	0 27	20 25	0 31	17 21	6 2	22 59	22 54	10 43	5 25	6 31
T 21	11 58	9 4	4 38	1 36	0 47	1 16	0 59	13 34	1 9	13 21	1 0	11 16	2 18	22 48	0 27	20 25	0 31	17 21	6 2	22 58	22 54	10 41	5 26	6 31
F 22	11 38	13 17	4 6	0 57	0 56	0 45	0 57	13 21	1 9	13 24	0 59	11 17	2 18	22 48	0 27	20 25	0 31	17 21	6 2	22 57	22 53	10 38	5 27	6 31
S 23	11 18	17 1	3 22	0 19	1 6	0 14	0 55	13 8	1 9	13 26	0 59	11 19	2 18	22 48	0 27	20 26	0 31	17 20	6 2	22 57	22 53	10 36	5 28	6 31
S 24	10 57	20 1	2 27	0s19	1 16	0s17	0 52	12 55	1 9	13 29	0 59	11 21	2 17	22 49	0 27	20 26	0 31	17 20	6 2	22 57	22 53	10 34	5 29	6 30
M25	10 36	22 4	1 24	0 56	1 25	0 47	0 50	12 41	1 9	13 32	0 59	11 22	2 17	22 49	0 27	20 26	0 31	17 20	6 2	22 56	22 52	10 31	5 31	6 30
T 26	10 16	22 56	0 13	1 33	1 35	1 18	0 47	12 28	1 8	13 35	0 59	11 24	2 17	22 49	0 27	20 26	0 31	17 20	6 3	22 56	22 52	10 29	5 32	6 30
W27	9 55	22 25	1s 0	2 8	1 45	1 49	0 45	12 14	1 8	13 38	0 58	11 26	2 17	22 49	0 27	20 27	0 31	17 20	6 3	22 56	22 52	10 26	5 33	6 30
T 28	9 33	20 28	2 11	2 43	1 54	2 20	0 42	12 1	1 8	13 41	0 58	11 27	2 17	22 49	0 27	20 27	0 31	17 20	6 3	22 56	22 52	10 24	5 34	6 30
F 29	9 12	17 8	3 16	3 16	2 4	2 51	0 40	11 47	1 8	13 44	0 58	11 29	2 16	22 49	0 27	20 27	0 31	17 20	6 3	22 56	22 51	10 21	5 35	6 30
S 30	8 51	12 37	4 9	3 49	2 14	3 22	0 37	11 33	1 8	13 47	0 58	11 31	2 16	22 50	0 27	20 27	0 31	17 20	6 3	22 55	22 51	10 19	5 36	6 30
S 31	8n29	7n15	4s44	4s20	2s23	3s53	0n34	11n19	1n 8	13s50	0n58	11s33	2n16	22s50	0s27	20s28	0n31	17n20	6s 3	22s55	22s51	10s16	5s37	6n30

Julian Day Number = 2510196.5, Delta T = 129.22 sec
Ecliptic obliquity = 23°25'04, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°59'03, Lahiri = 26°06'04

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2160
geocentric

SEPTEMBER 2160 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 42 52	9♍10'07	14♍33	6♎18	12♎20	4♍ 1	9♏58	6♏37	16°R37	25°R49	3♋22	18°R11	17♐36	20♒41	29°R13	M 1
T 2	22 46 49	10° 8'09	29°38	7° 9	13°32	4°39	10° 7	6°42	16♑36	25♑48	3°23	18♐ 0	17°33	20°47	29♒10	T 2
W 3	22 50 45	11° 6'12	14♎23	7°57	14°44	5°17	10°16	6°47	16°35	25°47	3°24	17°50	17°29	20°54	29° 7	W 3
T 4	22 54 42	12° 4'17	28°42	8°42	15°56	5°55	10°26	6°52	16°34	25°46	3°24	17°43	17°26	21° 1	29° 4	T 4
F 5	22 58 38	13° 2'24	12♏31	9°23	17° 8	6°33	10°36	6°57	16°33	25°45	3°25	17°38	17°23	21° 7	29° 1	F 5
S 6	23 2 35	14° 0'32	25°51	10° 0	18°20	7°12	10°45	7° 2	16°32	25°44	3°26	17°35	17°20	21°14	28°58	S 6
S 7	23 6 31	14°58'41	8♐44	10°33	19°32	7°50	10°55	7° 7	16°31	25°43	3°26	17°34	17°17	21°21	28°55	S 7
M 8	23 10 28	15°56'52	21°15	11° 1	20°44	8°28	11° 5	7°13	16°30	25°42	3°27	17°34	17°13	21°27	28°52	M 8
T 9	23 14 25	16°55'04	3♑28	11°25	21°55	9° 6	11°15	7°18	16°29	25°41	3°27	17°34	17°10	21°34	28°49	T 9
W10	23 18 21	17°53'18	15°29	11°44	23° 7	9°44	11°25	7°23	16°29	25°41	3°28	17°32	17° 7	21°41	28°47	W10
T 11	23 22 18	18°51'33	27°23	11°58	24°19	10°23	11°35	7°29	16°28	25°40	3°28	17°28	17° 4	21°48	28°44	T 11
F 12	23 26 14	19°49'50	9♒13	12° 6	25°30	11° 1	11°45	7°34	16°27	25°39	3°29	17°20	17° 1	21°54	28°41	F 12
S 13	23 30 11	20°48'08	21° 4	12°R 8	26°42	11°39	11°56	7°40	16°27	25°38	3°29	17°10	16°58	22° 1	28°38	S 13
S 14	23 34 7	21°46'28	2♓58	12° 4	27°54	12°17	12° 6	7°46	16°26	25°38	3°30	16°58	16°54	22° 8	28°36	S 14
M15	23 38 4	22°44'50	14°57	11°53	29° 5	12°55	12°17	7°51	16°26	25°37	3°30	16°45	16°51	22°14	28°33	M15
T 16	23 42 0	23°43'13	27° 2	11°36	0♏17	13°33	12°27	7°57	16°25	25°36	3°30	16°31	16°48	22°21	28°30	T 16
W17	23 45 57	24°41'39	9♈14	11°12	1°28	14°12	12°38	8° 3	16°25	25°35	3°31	16°18	16°45	22°28	28°27	W17
T 18	23 49 54	25°40'06	21°34	10°41	2°39	14°50	12°49	8° 9	16°24	25°35	3°31	16° 6	16°42	22°35	28°25	T 18
F 19	23 53 50	26°38'35	4♉ 4	10° 4	3°51	15°28	12°59	8°15	16°24	25°34	3°31	15°58	16°39	22°41	28°22	F 19
S 20	23 57 47	27°37'07	16°44	9°20	5° 2	16° 6	13°10	8°21	16°24	25°34	3°32	15°52	16°35	22°48	28°20	S 20
S 21	0 1 43	28°35'40	29°37	8°30	6°13	16°44	13°21	8°27	16°23	25°33	3°32	15°49	16°32	22°55	28°17	S 21
M22	0 5 40	29°34'16	12♊44	7°34	7°24	17°23	13°32	8°33	16°23	25°33	3°32	15°D48	16°29	23° 1	28°15	M22
T 23	0 9 36	0♎32'54	26° 9	6°35	8°36	18° 1	13°44	8°39	16°23	25°32	3°33	15°R48	16°26	23° 8	28°12	T 23
W24	0 13 33	1°31'34	9♋53	5°32	9°47	18°39	13°55	8°45	16°23	25°32	3°33	15°48	16°23	23°15	28°10	W24
T 25	0 17 29	2°30'17	23°58	4°27	10°58	19°17	14° 6	8°52	16°D23	25°31	3°33	15°47	16°19	23°22	28° 7	T 25
F 26	0 21 26	3°29'02	8♌24	3°22	12° 9	19°55	14°18	8°58	16°23	25°31	3°33	15°43	16°16	23°28	28° 5	F 26
S 27	0 25 23	4°27'49	23° 7	2°17	13°20	20°34	14°29	9° 4	16°23	25°31	3°33	15°36	16°13	23°35	28° 3	S 27
S 28	0 29 19	5°26'38	8♍ 2	1°16	14°31	21°12	14°41	9°11	16°23	25°30	3°33	15°28	16°10	23°42	28° 1	S 28
M29	0 33 16	6°25'29	23° 1	0°19	15°41	21°50	14°52	9°17	16°23	25°30	3°34	15°17	16° 7	23°48	27°58	M29
T 30	0 37 12	7♎24'22	7♎55	29♍28	16♏52	22♍28	15♏ 4	9♏24	16♑24	25♑30	3♋34	15♐ 7	16♐ 4	23♒55	27♒56	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	8n 8	1n27	5s 0	4s50	2s32	4s23	0n31	11n 5	1n 8	13s53	0n57	11s34	2n16	22s50	0s27	20s28	0n31	17n20	6s 3	22s54	22s50	10s14	5s39	6n30
T 2	7 46	4s22	4 55	5 19	2 42	4 54	0 28	10 51	1 8	13 56	0 57	11 36	2 16	22 50	0 27	20 28	0 31	17 20	6 3	22 53	22 50	10 11	5 40	6 30
W 3	7 24	9 48	4 29	5 46	2 51	5 25	0 25	10 37	1 8	13 59	0 57	11 38	2 15	22 50	0 27	20 28	0 30	17 19	6 3	22 52	22 50	10 9	5 41	6 29
T 4	7 2	14 33	3 48	6 12	3 0	5 55	0 22	10 23	1 8	14 2	0 57	11 40	2 15	22 50	0 27	20 28	0 30	17 19	6 3	22 51	22 50	10 6	5 42	6 29
F 5	6 39	18 20	2 54	6 36	3 8	6 25	0 19	10 9	1 8	14 5	0 57	11 42	2 15	22 50	0 27	20 29	0 30	17 19	6 3	22 51	22 49	10 4	5 43	6 29
S 6	6 17	21 1	1 52	6 58	3 17	6 56	0 16	9 55	1 8	14 9	0 57	11 44	2 15	22 50	0 27	20 29	0 30	17 19	6 3	22 50	22 49	10 1	5 44	6 29
S 7	5 55	22 30	0 47	7 19	3 25	7 26	0 13	9 40	1 8	14 12	0 56	11 45	2 15	22 51	0 27	20 29	0 30	17 19	6 3	22 50	22 49	9 59	5 45	6 29
M 8	5 32	22 48	0n19	7 37	3 32	7 56	0 10	9 26	1 8	14 15	0 56	11 47	2 14	22 51	0 27	20 29	0 30	17 19	6 3	22 50	22 48	9 57	5 47	6 29
T 9	5 10	21 59	1 23	7 53	3 39	8 26	0 7	9 12	1 8	14 18	0 56	11 49	2 14	22 51	0 27	20 29	0 30	17 19	6 4	22 50	22 48	9 54	5 48	6 28
W10	4 47	20 10	2 22	8 6	3 46	8 55	0 4	8 57	1 7	14 21	0 56	11 51	2 14	22 51	0 27	20 30	0 30	17 19	6 4	22 50	22 48	9 52	5 49	6 28
T 11	4 24	17 30	3 14	8 17	3 52	9 25	0 0	8 43	1 7	14 25	0 56	11 53	2 14	22 51	0 27	20 30	0 30	17 19	6 4	22 50	22 47	9 49	5 50	6 28
F 12	4 1	14 7	3 57	8 25	3 57	9 54	0s 3	8 28	1 7	14 28	0 55	11 55	2 14	22 51	0 27	20 30	0 30	17 19	6 4	22 49	22 47	9 47	5 51	6 28
S 13	3 39	10 12	4 30	8 30	4 1	10 23	0 6	8 13	1 7	14 31	0 55	11 57	2 13	22 51	0 27	20 30	0 30	17 19	6 4	22 48	22 47	9 44	5 52	6 28
S 14	3 16	5 53	4 51	8 31	4 5	10 52	0 9	7 59	1 7	14 35	0 55	11 59	2 13	22 51	0 27	20 30	0 30	17 18	6 4	22 47	22 46	9 42	5 53	6 27
M15	2 53	1 19	5 0	8 29	4 7	11 20	0 13	7 44	1 7	14 38	0 55	12 1	2 13	22 51	0 27	20 30	0 30	17 18	6 4	22 45	22 46	9 39	5 55	6 27
T 16	2 30	3n20	4 55	8 23	4 8	11 49	0 16	7 29	1 7	14 41	0 55	12 3	2 13	22 51	0 27	20 31	0 30	17 18	6 4	22 44	22 46	9 37	5 56	6 27
W17	2 6	7 53	4 36	8 13	4 7	12 17	0 20	7 15	1 7	14 45	0 55	12 5	2 13	22 51	0 27	20 31	0 30	17 18	6 4	22 43	22 46	9 34	5 57	6 27
T 18	1 43	12 11	4 5	7 59	4 5	12 45	0 23	7 0	1 7	14 48	0 54	12 7	2 13	22 51	0 27	20 31	0 30	17 18	6 4	22 42	22 45	9 32	5 58	6 26
F 19	1 20	16 1	3 22	7 41	4 2	13 12	0 27	6 45	1 7	14 52	0 54	12 9	2 12	22 51	0 27	20 31	0 30	17 18	6 4	22 41	22 45	9 29	5 59	6 26
S 20	0 57	19 10	2 27	7 19	3 57	13 40	0 30	6 30	1 6	14 55	0 54	12 11	2 12	22 51	0 27	20 31	0 30	17 18	6 5	22 40	22 45	9 27	6 0	6 26
S 21	0 34	21 26	1 25	6 53	3 50	14 7	0 34	6 15	1 6	14 59	0 54	12 13	2 12	22 51	0 27	20 31	0 30	17 18	6 5	22 40	22 44	9 24	6 1	6 26
M22	0 10	22 34	0 16	6 23	3 41	14 33	0 37	6 0	1 6	15 2	0 54	12 15	2 12	22 51	0 27	20 31	0 30	17 18	6 5	22 40	22 44	9 22	6 2	6 25
T 23	0s13	22 27	0s55	5 49	3 30	15 0	0 41	5 45	1 6	15 5	0 54	12 17	2 12	22 51	0 27	20 31	0 30	17 18	6 5	22 40	22 44	9 19	6 3	6 25
W24	0 36	20 59	2 4	5 12	3 17	15 26	0 44	5 30	1 6	15 9	0 54	12 20	2 12	22 51	0 27	20 31	0 30	17 17	6 5	22 40	22 43	9 17	6 5	6 25
T 25	1 0	18 13	3 8	4 33	3 2	15 52	0 48	5 15	1 6	15 12	0 53	12 22	2 12	22 51	0 27	20 32	0 30	17 17	6 5	22 40	22 43	9 14	6 6	6 24
F 26	1 23	14 16	4 1	3 52	2 46	16 17	0 51	5 0	1 6	15 16	0 53	12 24	2 11	22 51	0 27	20 32	0 30	17 17	6 5	22 39	22 43	9 12	6 7	6 24
S 27	1 46	9 24	4 39	3 10	2 28	16 42	0 55	4 45	1 6	15 19	0 53	12 26	2 11	22 51	0 27	20 32	0 30	17 17	6 5	22 38	22 42	9 9	6 8	6 24
S 28	2 10	3 55	5 0	2 29	2 9	17 7	0 59	4 29	1 5	15 23	0 53	12 28	2 11	22 51	0 27	20 32	0 30	17 17	6 5	22 38	22 42	9 7	6 9	6 24
M29	2 33	1s49	4 59	1 48	1 50	17 31	1 2	4 14	1 5	15 27	0 53	12 30	2 11	22 51	0 27	20 32	0 30	17 17	6 5	22 36	22 42	9 4	6 10	6 23
T 30	2s56	7s24	4s39	1s 9	1s29	17s55	1s 6	3n59	1n 5	15s30	0n53	12s32	2n11	22s51	0s27	20s32	0n30	17n17	6s 5	22s35	22s41	9s 2	6s11	6n23

Julian Day Number = 2510227.5, Delta T = 129.28 sec
Ecliptic obliquity = 23°25'05, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°59'07, Lahiri = 26°06'08

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2160
geocentric

OCTOBER 2160 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 41 9	8♎23'18	22♎34	28°R44	18♏ 3	23♍ 7	15♏15	9♏30	16♑24	25°R30	3♋34	14°R58	16♐ 0	24♒ 2	27°R54	W 1
T 2	0 45 5	9°22'15	6♏51	28♍ 9	19°14	23°45	15°27	9°37	16°24	25♑29	3°34	14♐50	15°57	24° 9	27♒52	T 2
F 3	0 49 2	10°21'14	20°41	27°43	20°24	24°23	15°39	9°43	16°25	25°29	3°R34	14°45	15°54	24°15	27°50	F 3
S 4	0 52 58	11°20'15	4♐ 5	27°27	21°35	25° 1	15°51	9°50	16°25	25°29	3°34	14°43	15°51	24°22	27°48	S 4
S 5	0 56 55	12°19'18	17° 1	27°D22	22°45	25°40	16° 3	9°56	16°26	25°29	3°34	14°D43	15°48	24°29	27°46	S 5
M 6	1 0 51	13°18'23	29°35	27°27	23°56	26°18	16°15	10° 3	16°26	25°29	3°34	14°43	15°44	24°35	27°44	M 6
T 7	1 4 48	14°17'29	11♑51	27°42	25° 6	26°56	16°27	10°10	16°27	25°D29	3°34	14°R44	15°41	24°42	27°43	T 7
W 8	1 8 45	15°16'37	23°53	28° 8	26°17	27°34	16°39	10°17	16°27	25°29	3°33	14°43	15°38	24°49	27°41	W 8
T 9	1 12 41	16°15'47	5♒48	28°43	27°27	28°13	16°51	10°23	16°28	25°29	3°33	14°41	15°35	24°56	27°39	T 9
F 10	1 16 38	17°14'59	17°39	29°27	28°37	28°51	17° 4	10°30	16°29	25°29	3°33	14°37	15°32	25° 2	27°37	F 10
S 11	1 20 34	18°14'12	29°31	0♓19	29°47	29°29	17°16	10°37	16°30	25°29	3°33	14°30	15°29	25° 9	27°36	S 11
S 12	1 24 31	19°13'27	11♈28	1°19	0♐57	0♓ 8	17°28	10°44	16°30	25°30	3°33	14°21	15°25	25°16	27°34	S 12
M13	1 28 27	20°12'45	23°33	2°25	2° 7	0°46	17°41	10°51	16°31	25°30	3°33	14°11	15°22	25°22	27°33	M13
T 14	1 32 24	21°12'04	5♈47	3°38	3°17	1°24	17°53	10°58	16°32	25°30	3°32	14° 1	15°19	25°29	27°31	T 14
W15	1 36 20	22°11'25	18°12	4°55	4°27	2° 2	18° 6	11° 5	16°33	25°30	3°32	13°51	15°16	25°36	27°30	W15
T 16	1 40 17	23°10'48	0♉48	6°18	5°36	2°41	18°18	11°11	16°34	25°30	3°32	13°43	15°13	25°43	27°29	T 16
F 17	1 44 14	24°10'13	13°35	7°44	6°46	3°19	18°31	11°18	16°35	25°31	3°32	13°37	15°10	25°49	27°27	F 17
S 18	1 48 10	25° 9'40	26°34	9°14	7°55	3°57	18°43	11°25	16°37	25°31	3°31	13°34	15° 6	25°56	27°26	S 18
S 19	1 52 7	26° 9'10	9♊44	10°46	9° 5	4°36	18°56	11°33	16°38	25°32	3°31	13°D32	15° 3	26° 3	27°25	S 19
M20	1 56 3	27° 8'41	23° 6	12°21	10°14	5°14	19° 9	11°40	16°39	25°32	3°30	13°32	15° 0	26° 9	27°24	M20
T 21	2 0 0	28° 8'15	6♋40	13°57	11°23	5°52	19°21	11°47	16°40	25°32	3°30	13°34	14°57	26°16	27°23	T 21
W22	2 3 56	29° 7'52	20°27	15°35	12°32	6°31	19°34	11°54	16°42	25°33	3°30	13°35	14°54	26°23	27°22	W22
T 23	2 7 53	0♏ 7'30	4♌27	17°14	13°41	7° 9	19°47	12° 1	16°43	25°33	3°29	13°R35	14°50	26°30	27°21	T 23
F 24	2 11 49	1° 7'11	18°40	18°54	14°50	7°48	20° 0	12° 8	16°44	25°34	3°29	13°34	14°47	26°36	27°20	F 24
S 25	2 15 46	2° 6'54	3♍ 3	20°34	15°59	8°26	20°13	12°15	16°46	25°35	3°28	13°30	14°44	26°43	27°19	S 25
S 26	2 19 43	3° 6'40	17°34	22°15	17° 8	9° 4	20°26	12°22	16°47	25°35	3°28	13°25	14°41	26°50	27°19	S 26
M27	2 23 39	4° 6'27	2♎ 7	23°56	18°17	9°43	20°38	12°29	16°49	25°36	3°27	13°20	14°38	26°56	27°18	M27
T 28	2 27 36	5° 6'17	16°36	25°37	19°25	10°21	20°51	12°36	16°51	25°37	3°27	13°13	14°35	27° 3	27°17	T 28
W29	2 31 32	6° 6'09	0♏54	27°18	20°34	11° 0	21° 4	12°44	16°52	25°37	3°26	13° 8	14°31	27°10	27°17	W29
T 30	2 35 29	7° 6'02	14°56	28°59	21°42	11°38	21°17	12°51	16°54	25°38	3°26	13° 3	14°28	27°17	27°16	T 30
F 31	2 39 25	8♏ 5'58	28♏37	0♏40	22♐50	12♎16	21♏31	12♏58	16♑56	25♑39	3♋25	13♐ 1	14♐25	27♒23	27♒16	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	3s19	12s29	4s 0	0s33	1s 9	18s18	1s 9	3n44	1n 5	15s34	0n53	12s35	2n11	22s51	0s27	20s32	0n30	17n17	6s 5	22s34	22s41	8s59	6s12	6n23
T 2	3 43	16 44	3 7	0 1	0 49	18 41	1 13	3 28	1 5	15 37	0 52	12 37	2 11	22 51	0 27	20 32	0 30	17 17	6 6	22 33	22 41	8 57	6 13	6 22
F 3	4 6	19 54	2 4	0n28	0 29	19 4	1 16	3 13	1 5	15 41	0 52	12 39	2 11	22 51	0 27	20 32	0 30	17 17	6 6	22 33	22 40	8 54	6 14	6 22
S 4	4 29	21 52	0 56	0 51	0 10	19 26	1 20	2 58	1 5	15 44	0 52	12 41	2 10	22 51	0 27	20 32	0 30	17 17	6 6	22 33	22 40	8 52	6 15	6 22
S 5	4 52	22 35	0n12	1 10	0n 8	19 47	1 23	2 43	1 4	15 48	0 52	12 43	2 10	22 51	0 26	20 32	0 30	17 16	6 6	22 33	22 40	8 49	6 16	6 21
M 6	5 15	22 6	1 19	1 23	0 25	20 8	1 27	2 27	1 4	15 51	0 52	12 45	2 10	22 51	0 26	20 32	0 30	17 16	6 6	22 33	22 39	8 47	6 17	6 21
T 7	5 38	20 34	2 20	1 32	0 40	20 29	1 30	2 12	1 4	15 55	0 52	12 48	2 10	22 51	0 26	20 32	0 30	17 16	6 6	22 33	22 39	8 44	6 18	6 20
W 8	6 1	18 8	3 13	1 34	0 54	20 49	1 34	1 57	1 4	15 58	0 52	12 50	2 10	22 51	0 26	20 32	0 30	17 16	6 6	22 33	22 39	8 42	6 19	6 20
T 9	6 23	14 57	3 58	1 32	1 7	21 9	1 37	1 41	1 4	16 2	0 51	12 52	2 10	22 50	0 26	20 32	0 30	17 16	6 6	22 32	22 38	8 39	6 20	6 20
F 10	6 46	11 12	4 32	1 25	1 18	21 28	1 41	1 26	1 4	16 6	0 51	12 54	2 10	22 50	0 26	20 32	0 30	17 16	6 6	22 32	22 38	8 37	6 20	6 19
S 11	7 9	7 1	4 55	1 13	1 28	21 47	1 44	1 10	1 3	16 9	0 51	12 56	2 10	22 50	0 26	20 32	0 30	17 16	6 6	22 31	22 38	8 34	6 21	6 19
S 12	7 31	2 33	5 5	0 57	1 36	22 5	1 47	0 55	1 3	16 13	0 51	12 59	2 10	22 50	0 26	20 32	0 29	17 16	6 6	22 30	22 37	8 32	6 22	6 19
M13	7 54	2n 3	5 1	0 37	1 44	22 22	1 51	0 40	1 3	16 16	0 51	13 1	2 9	22 50	0 26	20 32	0 29	17 16	6 7	22 29	22 37	8 29	6 23	6 18
T 14	8 16	6 38	4 44	0 14	1 49	22 39	1 54	0 24	1 3	16 20	0 51	13 3	2 9	22 50	0 26	20 32	0 29	17 16	6 7	22 28	22 37	8 27	6 24	6 18
W15	8 38	11 1	4 13	0s13	1 54	22 56	1 57	0 9	1 3	16 23	0 51	13 5	2 9	22 50	0 26	20 32	0 29	17 16	6 7	22 27	22 36	8 24	6 25	6 17
T 16	9 0	15 0	3 29	0 43	1 57	23 12	2 0	0s 6	1 3	16 27	0 51	13 7	2 9	22 50	0 26	20 32	0 29	17 16	6 7	22 26	22 36	8 22	6 26	6 17
F 17	9 22	18 21	2 34	1 15	1 59	23 27	2 3	0 22	1 2	16 31	0 51	13 10	2 9	22 49	0 26	20 32	0 29	17 16	6 7	22 25	22 36	8 19	6 26	6 17
S 18	9 44	20 50	1 30	1 49	2 0	23 41	2 6	0 37	1 2	16 34	0 50	13 12	2 9	22 49	0 26	20 32	0 29	17 15	6 7	22 24	22 35	8 17	6 27	6 16
S 19	10 5	22 14	0 21	2 25	2 1	23 55	2 10	0 53	1 2	16 38	0 50	13 14	2 9	22 49	0 26	20 32	0 29	17 15	6 7	22 24	22 35	8 14	6 28	6 16
M20	10 27	22 23	0s51	3 2	2 0	24 9	2 13	1 8	1 2	16 41	0 50	13 16	2 9	22 49	0 26	20 32	0 29	17 15	6 7	22 24	22 34	8 12	6 29	6 15
T 21	10 48	21 13	2 2	3 41	1 59	24 22	2 15	1 23	1 2	16 45	0 50	13 19	2 9	22 49	0 26	20 32	0 29	17 15	6 7	22 24	22 34	8 9	6 29	6 15
W22	11 9	18 48	3 6	4 20	1 57	24 34	2 18	1 39	1 1	16 48	0 50	13 21	2 9	22 49	0 26	20 32	0 29	17 15	6 7	22 25	22 34	8 7	6 30	6 15
T 23	11 30	15 14	4 1	5 0	1 54	24 45	2 21	1 54	1 1	16 52	0 50	13 23	2 9	22 48	0 26	20 32	0 29	17 15	6 7	22 25	22 33	8 4	6 31	6 14
F 24	11 51	10 45	4 41	5 41	1 51	24 56	2 24	2 9	1 1	16 55	0 50	13 25	2 9	22 48	0 26	20 32	0 29	17 15	6 7	22 24	22 33	8 2	6 31	6 14
S 25	12 12	5 38	5 5	6 22	1 47	25 7	2 26	2 25	1 1	16 59	0 50	13 27	2 9	22 48	0 26	20 32	0 29	17 15	6 8	22 24	22 33	7 59	6 32	6 13
S 26	12 32	0 10	5 9	7 4	1 43	25 16	2 29	2 40	1 1	17 2	0 50	13 30	2 9	22 48	0 26	20 32	0 29	17 15	6 8	22 23	22 32	7 57	6 33	6 13
M27	12 53	5s20	4 53	7 45	1 38	25 25	2 32	2 55	1 0	17 6	0 50	13 32	2 9	22 48	0 26	20 32	0 29	17 15	6 8	22 23	22 32	7 54	6 33	6 13
T 28	13 13	10 30	4 19	8 27	1 33	25 33	2 34	3 10	1 0	17 9	0 49	13 34	2 8	22 47	0 26	20 32	0 29	17 15	6 8	22 22	22 32	7 52	6 34	6 12
W29	13 33	15 2	3 29	9 8	1 28	25 41	2 36	3 26	1 0	17 13	0 49	13 36	2 8	22 47	0 26	20 31	0 29	17 15	6 8	22 21	22 31	7 49	6 35	6 12
T 30	13 52	18 38	2 27	9 49	1 23	25 48	2 39	3 41	1 0	17 16	0 49	13 38	2 8	22 47	0 26	20 31	0 29	17 15	6 8	22 21	22 31	7 47	6 35	6 11
F 31	14s12	21s 6	1s18	10s30	1n17	25s54	2s41	3s56	0n59	17s20	0n49	13s41	2n 8	22s47	0s26	20s31	0n29	17n15	6s 8	22s20	22s31	7s44	6s36	6n11

Julian Day Number = 2510257.5, Delta T = 129.34 sec
Ecliptic obliquity = 23°25'05, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°59'12, Lahiri = 26°06'12

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2160
geocentric

NOVEMBER 2160 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 43 22	9♏ 5'56	11♐56	2♏21	23♐58	12♎55	21♏44	13♏ 5	16♑58	25♑40	3°R24	13°D 0	14♐22	27♒30	27°R16	S 1
S 2	2 47 18	10° 5'55	24°52	4° 1	25° 6	13°33	21°57	13°12	16°59	25°40	3♋24	13♐ 0	14°19	27°37	27♒15	S 2
M 3	2 51 15	11° 5'56	7♑28	5°41	26°14	14°12	22°10	13°20	17° 1	25°41	3°23	13° 2	14°16	27°43	27°15	M 3
T 4	2 55 12	12° 5'59	19°46	7°21	27°21	14°50	22°23	13°27	17° 3	25°42	3°23	13° 4	14°12	27°50	27°15	T 4
W 5	2 59 8	13° 6'03	1♒51	9° 0	28°29	15°29	22°36	13°34	17° 5	25°43	3°22	13° 5	14° 9	27°57	27°15	W 5
T 6	3 3 5	14° 6'09	13°47	10°38	29°36	16° 7	22°49	13°41	17° 7	25°44	3°21	13°R 6	14° 6	28° 4	27°D15	T 6
F 7	3 7 1	15° 6'16	25°39	12°17	0♑43	16°46	23° 2	13°48	17° 9	25°45	3°20	13° 5	14° 3	28°10	27°15	F 7
S 8	3 10 58	16° 6'25	7♓32	13°55	1°50	17°24	23°16	13°56	17°12	25°46	3°20	13° 3	14° 0	28°17	27°15	S 8
S 9	3 14 54	17° 6'35	19°31	15°32	2°57	18° 3	23°29	14° 3	17°14	25°47	3°19	13° 0	13°56	28°24	27°15	S 9
M10	3 18 51	18° 6'47	1♈39	17°10	4° 4	18°41	23°42	14°10	17°16	25°48	3°18	12°56	13°53	28°30	27°15	M10
T 11	3 22 47	19° 7'00	14° 0	18°46	5°10	19°20	23°55	14°17	17°18	25°50	3°17	12°52	13°50	28°37	27°16	T 11
W12	3 26 44	20° 7'15	26°36	20°23	6°17	19°58	24° 9	14°24	17°20	25°51	3°16	12°48	13°47	28°44	27°16	W12
T 13	3 30 41	21° 7'32	9♉27	21°59	7°23	20°37	24°22	14°32	17°23	25°52	3°16	12°45	13°44	28°51	27°16	T 13
F 14	3 34 37	22° 7'51	22°34	23°35	8°29	21°15	24°35	14°39	17°25	25°53	3°15	12°43	13°41	28°57	27°17	F 14
S 15	3 38 34	23° 8'11	5♊56	25°10	9°34	21°54	24°48	14°46	17°27	25°54	3°14	12°42	13°37	29° 4	27°17	S 15
S 16	3 42 30	24° 8'33	19°32	26°45	10°40	22°32	25° 2	14°53	17°30	25°56	3°13	12°D42	13°34	29°11	27°18	S 16
M17	3 46 27	25° 8'56	3♋19	28°20	11°45	23°11	25°15	15° 0	17°32	25°57	3°12	12°43	13°31	29°17	27°19	M17
T 18	3 50 23	26° 9'22	17°15	29°55	12°50	23°50	25°28	15° 7	17°35	25°58	3°11	12°44	13°28	29°24	27°19	T 18
W19	3 54 20	27° 9'49	1♌18	1♐29	13°55	24°28	25°41	15°15	17°37	26° 0	3°10	12°45	13°25	29°31	27°20	W19
T 20	3 58 16	28°10'18	15°26	3° 3	14°59	25° 7	25°55	15°22	17°40	26° 1	3° 9	12°46	13°22	29°38	27°21	T 20
F 21	4 2 13	29°10'49	29°37	4°37	16° 3	25°45	26° 8	15°29	17°43	26° 2	3° 8	12°R46	13°18	29°44	27°22	F 21
S 22	4 6 10	0♐11'22	13♍49	6°10	17° 7	26°24	26°21	15°36	17°45	26° 4	3° 7	12°46	13°15	29°51	27°23	S 22
S 23	4 10 6	1°11'57	27°59	7°44	18°11	27° 3	26°35	15°43	17°48	26° 5	3° 7	12°45	13°12	29°58	27°24	S 23
M24	4 14 3	2°12'33	12♎ 5	9°17	19°15	27°41	26°48	15°50	17°51	26° 7	3° 6	12°44	13° 9	0♓ 5	27°25	M24
T 25	4 17 59	3°13'11	26° 4	10°50	20°18	28°20	27° 1	15°57	17°54	26° 8	3° 5	12°43	13° 6	0°11	27°26	T 25
W26	4 21 56	4°13'51	9♏53	12°23	21°21	28°59	27°14	16° 4	17°56	26°10	3° 3	12°42	13° 2	0°18	27°28	W26
T 27	4 25 52	5°14'32	23°30	13°55	22°23	29°37	27°28	16°11	17°59	26°12	3° 2	12°41	12°59	0°25	27°29	T 27
F 28	4 29 49	6°15'14	6♐51	15°28	23°26	0♏16	27°41	16°18	18° 2	26°13	3° 1	12°D40	12°56	0°31	27°30	F 28
S 29	4 33 45	7°15'59	19°56	17° 0	24°28	0°55	27°54	16°25	18° 5	26°15	3° 0	12°40	12°53	0°38	27°32	S 29
S 30	4 37 42	8♐16'44	2♑44	18♐33	25♑29	1♏33	28♏ 7	16♏32	18♑ 8	26♑16	2♋59	12♐41	12♐50	0♓45	27♒33	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s31	22s18	0s 6	11s10	1n11	26s 0	2s43	4s11	0n59	17s23	0n49	13s43	2n 8	22s46	0s26	20s31	0n29	17n15	6s 8	22s20	22s30	7s42	6s36	6n10
S 2	14 50	22 15	1n 4	11 50	1 5	26 5	2 45	4 26	0 59	17 27	0 49	13 45	2 8	22 46	0 26	20 31	0 29	17 15	6 8	22 20	22 30	7 39	6 37	6 10
M 3	15 9	21 3	2 10	12 29	0 58	26 9	2 47	4 42	0 59	17 30	0 49	13 47	2 8	22 46	0 26	20 31	0 29	17 14	6 8	22 20	22 29	7 37	6 37	6 10
T 4	15 27	18 52	3 8	13 8	0 52	26 12	2 49	4 57	0 58	17 34	0 49	13 49	2 8	22 46	0 26	20 31	0 29	17 14	6 8	22 21	22 29	7 34	6 38	6 9
W 5	15 45	15 54	3 56	13 46	0 45	26 15	2 51	5 12	0 58	17 37	0 49	13 51	2 8	22 45	0 26	20 30	0 29	17 14	6 8	22 21	22 29	7 32	6 38	6 9
T 6	16 3	12 18	4 34	14 23	0 39	26 17	2 52	5 27	0 58	17 41	0 49	13 54	2 8	22 45	0 26	20 30	0 29	17 14	6 8	22 21	22 28	7 29	6 39	6 8
F 7	16 21	8 15	4 59	15 0	0 32	26 19	2 54	5 42	0 58	17 44	0 49	13 56	2 8	22 45	0 26	20 30	0 29	17 14	6 8	22 21	22 28	7 27	6 39	6 8
S 8	16 39	3 54	5 12	15 36	0 25	26 20	2 55	5 57	0 57	17 47	0 49	13 58	2 8	22 45	0 26	20 30	0 29	17 14	6 8	22 21	22 28	7 24	6 39	6 7
S 9	16 56	0n38	5 12	16 11	0 19	26 20	2 57	6 11	0 57	17 51	0 48	14 0	2 8	22 44	0 26	20 30	0 29	17 14	6 8	22 20	22 27	7 22	6 40	6 7
M10	17 13	5 12	4 57	16 45	0 12	26 19	2 58	6 26	0 57	17 54	0 48	14 2	2 8	22 44	0 26	20 30	0 29	17 14	6 9	22 20	22 27	7 19	6 40	6 7
T 11	17 29	9 39	4 29	17 19	0 5	26 18	2 59	6 41	0 57	17 57	0 48	14 4	2 8	22 44	0 26	20 29	0 29	17 14	6 9	22 19	22 26	7 17	6 40	6 6
W12	17 45	13 46	3 47	17 51	0s 2	26 16	3 0	6 56	0 56	18 1	0 48	14 6	2 8	22 43	0 26	20 29	0 29	17 14	6 9	22 19	22 26	7 14	6 41	6 6
T 13	18 1	17 22	2 53	18 23	0 8	26 13	3 1	7 11	0 56	18 4	0 48	14 8	2 8	22 43	0 26	20 29	0 29	17 14	6 9	22 18	22 26	7 12	6 41	6 5
F 14	18 17	20 9	1 49	18 54	0 15	26 10	3 2	7 25	0 56	18 7	0 48	14 11	2 8	22 43	0 26	20 29	0 29	17 14	6 9	22 18	22 25	7 9	6 41	6 5
S 15	18 32	21 53	0 37	19 23	0 22	26 6	3 2	7 40	0 55	18 10	0 48	14 13	2 8	22 42	0 26	20 29	0 29	17 14	6 9	22 18	22 25	7 7	6 41	6 4
S 16	18 47	22 23	0s38	19 52	0 28	26 1	3 3	7 55	0 55	18 14	0 48	14 15	2 8	22 42	0 26	20 28	0 29	17 14	6 9	22 18	22 24	7 4	6 42	6 4
M17	19 2	21 31	1 51	20 20	0 35	25 56	3 3	8 9	0 55	18 17	0 48	14 17	2 8	22 42	0 26	20 28	0 29	17 14	6 9	22 18	22 24	7 2	6 42	6 3
T 18	19 16	19 20	2 59	20 47	0 41	25 50	3 3	8 24	0 55	18 20	0 48	14 19	2 8	22 41	0 26	20 28	0 29	17 14	6 9	22 18	22 24	6 59	6 42	6 3
W19	19 30	15 59	3 57	21 13	0 48	25 44	3 3	8 38	0 54	18 23	0 48	14 21	2 8	22 41	0 26	20 28	0 28	17 14	6 9	22 18	22 23	6 57	6 42	6 3
T 20	19 44	11 43	4 41	21 38	0 54	25 37	3 3	8 52	0 54	18 27	0 48	14 23	2 8	22 41	0 26	20 28	0 28	17 14	6 9	22 19	22 23	6 54	6 42	6 2
F 21	19 57	6 47	5 8	22 1	1 0	25 29	3 3	9 7	0 54	18 30	0 48	14 25	2 8	22 40	0 26	20 27	0 28	17 14	6 9	22 19	22 23	6 52	6 42	6 2
S 22	20 10	1 29	5 16	22 24	1 6	25 21	3 3	9 21	0 53	18 33	0 48	14 27	2 8	22 40	0 26	20 27	0 28	17 14	6 9	22 19	22 22	6 49	6 42	6 1
S 23	20 23	3s52	5 5	22 45	1 12	25 12	3 2	9 35	0 53	18 36	0 48	14 29	2 8	22 40	0 26	20 27	0 28	17 14	6 9	22 18	22 22	6 47	6 42	6 1
M24	20 35	9 0	4 36	23 6	1 17	25 2	3 2	9 49	0 53	18 39	0 48	14 31	2 8	22 39	0 26	20 27	0 28	17 14	6 9	22 18	22 21	6 44	6 42	6 0
T 25	20 47	13 38	3 50	23 25	1 23	24 52	3 1	10 3	0 52	18 42	0 48	14 33	2 8	22 39	0 26	20 26	0 28	17 14	6 9	22 18	22 21	6 42	6 42	6 0
W26	20 58	17 29	2 52	23 43	1 28	24 41	3 0	10 17	0 52	18 45	0 47	14 35	2 8	22 39	0 26	20 26	0 28	17 14	6 9	22 18	22 21	6 39	6 42	6 0
T 27	21 9	20 19	1 44	24 0	1 33	24 30	2 59	10 31	0 52	18 48	0 47	14 37	2 8	22 38	0 26	20 26	0 28	17 14	6 9	22 18	22 20	6 37	6 42	5 59
F 28	21 20	21 58	0 32	24 15	1 38	24 18	2 57	10 45	0 51	18 51	0 47	14 39	2 8	22 38	0 26	20 25	0 28	17 14	6 9	22 18	22 20	6 34	6 42	5 59
S 29	21 30	22 22	0n40	24 30	1 43	24 6	2 56	10 59	0 51	18 54	0 47	14 41	2 9	22 37	0 26	20 25	0 28	17 14	6 9	22 18	22 19	6 32	6 42	5 58
S 30	21s40	21s34	1n49	24s43	1s48	23s53	2s54	11s13	0n51	18s57	0n47	14s42	2n 9	22s37	0s26	20s25	0n28	17n14	6s 9	22s18	22s19	6s29	6s42	5n58

Julian Day Number = 2510288.5, Delta T = 129.40 sec
Ecliptic obliquity = 23°25'04, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°59'16, Lahiri = 26°06'16

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2160
geocentric

DECEMBER 2160 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 41 39	9♐17'30	15♑16	20♐ 5	26♑30	2♏12	28♏20	16♏38	18♑11	26♑18	2°R58	12♐41	12♐47	0♓52	27♒35	M 1
T 2	4 45 35	10°18'18	27°33	21°37	27°31	2°51	28°34	16°45	18°14	26°20	2♋57	12°41	12°43	0°58	27°36	T 2
W 3	4 49 32	11°19'06	9♒38	23° 9	28°32	3°29	28°47	16°52	18°17	26°22	2°56	12°42	12°40	1° 5	27°38	W 3
T 4	4 53 28	12°19'56	21°35	24°40	29°32	4° 8	29° 0	16°59	18°20	26°23	2°55	12°R42	12°37	1°12	27°40	T 4
F 5	4 57 25	13°20'46	3♓27	26°12	0♒31	4°47	29°13	17° 6	18°23	26°25	2°54	12°42	12°34	1°18	27°41	F 5
S 6	5 1 21	14°21'37	15°20	27°43	1°31	5°26	29°26	17°12	18°26	26°27	2°53	12°D42	12°31	1°25	27°43	S 6
S 7	5 5 18	15°22'29	27°18	29°14	2°29	6° 4	29°39	17°19	18°29	26°29	2°52	12°42	12°27	1°32	27°45	S 7
M 8	5 9 14	16°23'22	9♈26	0♑44	3°28	6°43	29°52	17°26	18°32	26°30	2°50	12°42	12°24	1°39	27°47	M 8
T 9	5 13 11	17°24'16	21°47	2°15	4°25	7°22	0♐ 5	17°32	18°35	26°32	2°49	12°43	12°21	1°45	27°49	T 9
W10	5 17 8	18°25'10	4♉26	3°45	5°23	8° 0	0°18	17°39	18°39	26°34	2°48	12°43	12°18	1°52	27°51	W10
T 11	5 21 4	19°26'05	17°26	5°14	6°19	8°39	0°31	17°45	18°42	26°36	2°47	12°44	12°15	1°59	27°53	T 11
F 12	5 25 1	20°27'01	0♊47	6°43	7°15	9°18	0°44	17°52	18°45	26°38	2°46	12°44	12°12	2° 5	27°55	F 12
S 13	5 28 57	21°27'58	14°29	8°11	8°11	9°57	0°57	17°58	18°48	26°40	2°45	12°R44	12° 8	2°12	27°58	S 13
S 14	5 32 54	22°28'56	28°30	9°39	9° 6	10°36	1°10	18° 4	18°52	26°42	2°44	12°44	12° 5	2°19	28° 0	S 14
M15	5 36 50	23°29'55	12♋46	11° 5	10° 0	11°14	1°23	18°11	18°55	26°44	2°42	12°43	12° 2	2°26	28° 2	M15
T 16	5 40 47	24°30'54	27°13	12°30	10°54	11°53	1°35	18°17	18°58	26°46	2°41	12°42	11°59	2°32	28° 5	T 16
W17	5 44 43	25°31'54	11♌43	13°54	11°47	12°32	1°48	18°23	19° 1	26°48	2°40	12°40	11°56	2°39	28° 7	W17
T 18	5 48 40	26°32'56	26°13	15°17	12°39	13°11	2° 1	18°30	19° 5	26°50	2°39	12°39	11°53	2°46	28° 9	T 18
F 19	5 52 37	27°33'58	10♍36	16°37	13°31	13°50	2°14	18°36	19° 8	26°52	2°38	12°37	11°49	2°53	28°12	F 19
S 20	5 56 33	28°35'01	24°50	17°56	14°22	14°28	2°26	18°42	19°12	26°54	2°36	12°D37	11°46	2°59	28°15	S 20
S 21	6 0 30	29°36'05	8♎52	19°12	15°12	15° 7	2°39	18°48	19°15	26°56	2°35	12°37	11°43	3° 6	28°17	S 21
M22	6 4 26	0♑37'10	22°40	20°25	16° 1	15°46	2°51	18°54	19°18	26°58	2°34	12°38	11°40	3°13	28°20	M22
T 23	6 8 23	1°38'16	6♏16	21°34	16°49	16°25	3° 4	19° 0	19°22	27° 0	2°33	12°39	11°37	3°19	28°23	T 23
W24	6 12 19	2°39'23	19°38	22°40	17°37	17° 4	3°16	19° 6	19°25	27° 2	2°32	12°41	11°33	3°26	28°25	W24
T 25	6 16 16	3°40'30	2♐48	23°41	18°23	17°43	3°29	19°12	19°29	27° 4	2°30	12°42	11°30	3°33	28°28	T 25
F 26	6 20 12	4°41'38	15°45	24°36	19° 9	18°22	3°41	19°17	19°32	27° 7	2°29	12°R42	11°27	3°40	28°31	F 26
S 27	6 24 9	5°42'47	28°29	25°26	19°54	19° 0	3°53	19°23	19°36	27° 9	2°28	12°41	11°24	3°46	28°34	S 27
S 28	6 28 6	6°43'55	11♑ 2	26° 8	20°37	19°39	4° 6	19°29	19°39	27°11	2°27	12°39	11°21	3°53	28°37	S 28
M29	6 32 2	7°45'05	23°24	26°43	21°20	20°18	4°18	19°34	19°43	27°13	2°26	12°36	11°18	4° 0	28°40	M29
T 30	6 35 59	8°46'14	5♒35	27° 9	22° 1	20°57	4°30	19°40	19°46	27°15	2°24	12°31	11°14	4° 7	28°43	T 30
W31	6 39 55	9♑47'23	17♒38	27♑25	22♒41	21♏36	4♐42	19♏45	19♑50	27♑17	2♋23	12♐26	11♐11	4♓13	28♒46	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21s49	19s43	2n51	24s54	1s52	23s39	2s53	11s26	0n50	19s 0	0n47	14s44	2n 9	22s37	0s26	20s25	0n28	17n14	6s 9	22s18	22s19	6s27	6s42	5n57
T 2	21 58	16 58	3 44	25 5	1 56	23 25	2 51	11 40	0 50	19 3	0 47	14 46	2 9	22 36	0 26	20 24	0 28	17 14	6 9	22 18	22 18	6 24	6 42	5 57
W 3	22 7	13 33	4 26	25 14	2 0	23 11	2 48	11 53	0 50	19 6	0 47	14 48	2 9	22 36	0 26	20 24	0 28	17 14	6 9	22 18	22 18	6 22	6 42	5 57
T 4	22 15	9 37	4 56	25 22	2 3	22 56	2 46	12 7	0 49	19 9	0 47	14 50	2 9	22 35	0 26	20 24	0 28	17 14	6 9	22 18	22 17	6 19	6 42	5 56
F 5	22 23	5 22	5 13	25 28	2 6	22 41	2 44	12 20	0 49	19 12	0 47	14 52	2 9	22 35	0 26	20 23	0 28	17 14	6 9	22 18	22 17	6 17	6 41	5 56
S 6	22 30	0 54	5 17	25 33	2 9	22 25	2 41	12 33	0 49	19 15	0 47	14 54	2 9	22 35	0 26	20 23	0 28	17 14	6 9	22 18	22 17	6 14	6 41	5 55
S 7	22 37	3n37	5 7	25 37	2 12	22 9	2 38	12 46	0 48	19 18	0 47	14 55	2 9	22 34	0 26	20 23	0 28	17 14	6 9	22 18	22 16	6 12	6 41	5 55
M 8	22 43	8 4	4 44	25 39	2 14	21 52	2 35	13 0	0 48	19 20	0 47	14 57	2 9	22 34	0 26	20 22	0 28	17 14	6 9	22 18	22 16	6 9	6 41	5 55
T 9	22 49	12 17	4 7	25 40	2 16	21 35	2 32	13 12	0 47	19 23	0 47	14 59	2 9	22 33	0 26	20 22	0 28	17 14	6 9	22 18	22 15	6 7	6 40	5 54
W10	22 55	16 5	3 17	25 39	2 17	21 18	2 28	13 25	0 47	19 26	0 47	15 1	2 9	22 33	0 26	20 22	0 28	17 14	6 9	22 18	22 15	6 4	6 40	5 54
T 11	23 0	19 11	2 16	25 37	2 18	21 0	2 24	13 38	0 47	19 29	0 47	15 2	2 9	22 32	0 26	20 21	0 28	17 14	6 9	22 18	22 14	6 2	6 40	5 53
F 12	23 4	21 22	1 6	25 34	2 19	20 42	2 20	13 51	0 46	19 31	0 47	15 4	2 9	22 32	0 26	20 21	0 28	17 14	6 9	22 18	22 14	5 59	6 39	5 53
S 13	23 9	22 21	0s10	25 29	2 19	20 24	2 16	14 3	0 46	19 34	0 47	15 6	2 9	22 31	0 26	20 21	0 28	17 14	6 9	22 18	22 14	5 57	6 39	5 53
S 14	23 12	21 58	1 26	25 22	2 19	20 5	2 12	14 16	0 45	19 37	0 47	15 7	2 10	22 31	0 26	20 20	0 28	17 14	6 9	22 18	22 13	5 54	6 38	5 52
M15	23 15	20 10	2 39	25 14	2 18	19 46	2 7	14 28	0 45	19 39	0 47	15 9	2 10	22 31	0 26	20 20	0 28	17 14	6 9	22 18	22 13	5 52	6 38	5 52
T 16	23 18	17 4	3 42	25 5	2 16	19 27	2 3	14 41	0 45	19 42	0 47	15 11	2 10	22 30	0 26	20 20	0 28	17 14	6 9	22 18	22 12	5 49	6 38	5 52
W17	23 21	12 54	4 31	24 54	2 14	19 7	1 58	14 53	0 44	19 44	0 47	15 12	2 10	22 30	0 26	20 19	0 28	17 15	6 9	22 18	22 12	5 47	6 37	5 51
T 18	23 22	8 1	5 3	24 43	2 11	18 47	1 52	15 5	0 44	19 47	0 47	15 14	2 10	22 29	0 26	20 19	0 28	17 15	6 9	22 18	22 12	5 44	6 37	5 51
F 19	23 24	2 43	5 16	24 29	2 7	18 27	1 47	15 17	0 43	19 49	0 47	15 15	2 10	22 29	0 26	20 19	0 28	17 15	6 9	22 17	22 11	5 42	6 36	5 50
S 20	23 25	2s41	5 9	24 15	2 3	18 7	1 41	15 29	0 43	19 52	0 47	15 17	2 10	22 28	0 26	20 18	0 28	17 15	6 9	22 17	22 11	5 39	6 36	5 50
S 21	23 25	7 51	4 44	23 59	1 58	17 47	1 35	15 41	0 42	19 54	0 47	15 19	2 10	22 28	0 26	20 18	0 28	17 15	6 9	22 17	22 10	5 36	6 35	5 50
M22	23 25	12 33	4 2	23 42	1 51	17 26	1 29	15 52	0 42	19 57	0 47	15 20	2 10	22 27	0 26	20 17	0 28	17 15	6 9	22 17	22 10	5 34	6 34	5 49
T 23	23 24	16 33	3 8	23 24	1 44	17 5	1 22	16 4	0 42	19 59	0 47	15 22	2 11	22 27	0 26	20 17	0 28	17 15	6 9	22 18	22 9	5 31	6 34	5 49
W24	23 23	19 37	2 4	23 6	1 36	16 44	1 16	16 16	0 41	20 2	0 47	15 23	2 11	22 26	0 26	20 17	0 28	17 15	6 9	22 18	22 9	5 29	6 33	5 49
T 25	23 22	21 35	0 54	22 47	1 27	16 23	1 9	16 27	0 41	20 4	0 47	15 25	2 11	22 26	0 26	20 16	0 28	17 15	6 9	22 18	22 9	5 26	6 33	5 48
F 26	23 20	22 23	0n17	22 27	1 17	16 2	1 1	16 38	0 40	20 6	0 47	15 26	2 11	22 25	0 26	20 16	0 28	17 15	6 9	22 18	22 8	5 24	6 32	5 48
S 27	23 18	21 59	1 26	22 7	1 6	15 41	0 54	16 49	0 40	20 9	0 47	15 27	2 11	22 25	0 26	20 15	0 28	17 15	6 9	22 18	22 8	5 21	6 31	5 48
S 28	23 15	20 28	2 30	21 47	0 53	15 20	0 46	17 0	0 39	20 11	0 47	15 29	2 11	22 24	0 26	20 15	0 28	17 15	6 8	22 18	22 7	5 19	6 30	5 47
M29	23 11	18 1	3 25	21 27	0 40	14 59	0 38	17 11	0 39	20 13	0 47	15 30	2 11	22 24	0 26	20 15	0 28	17 15	6 8	22 17	22 7	5 16	6 30	5 47
T 30	23 8	14 48	4 10	21 7	0 25	14 37	0 29	17 22	0 38	20 15	0 47	15 32	2 11	22 23	0 26	20 14	0 28	17 15	6 8	22 17	22 6	5 14	6 29	5 47
W31	23s 3	11s 1	4n44	20s48	0s 9	14s16	0s21	17s32	0n38	20s17	0n47	15s33	2n12	22s23	0s26	20s14	0n28	17n16	6s 8	22s16	22s 6	5s11	6s28	5n46

Julian Day Number = 2510318.5, Delta T = 129.47 sec
Ecliptic obliquity = 23°25'03, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°59'20, Lahiri = 26°06'20

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2161
geocentric

JANUARY 2161 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 43 52	10♑48'33	29♒33	27°R30	23♒20	22♏15	4♐54	19♏51	19♑53	27♑20	2°R22	12°R21	11♐ 8	4♓20	28♒49	T 1
F 2	6 47 48	11°49'42	11♓25	27♑25	23°58	22°54	5° 6	19°56	19°57	27°22	2♋21	12♐17	11° 5	4°27	28°52	F 2
S 3	6 51 45	12°50'52	23°17	27° 8	24°34	23°33	5°18	20° 1	20° 0	27°24	2°20	12°14	11° 2	4°33	28°56	S 3
S 4	6 55 42	13°52'01	5♈12	26°39	25° 9	24°12	5°30	20° 7	20° 4	27°26	2°19	12°12	10°59	4°40	28°59	S 4
M 5	6 59 38	14°53'10	17°16	25°58	25°43	24°51	5°41	20°12	20° 8	27°28	2°17	12°D11	10°55	4°47	29° 2	M 5
T 6	7 3 35	15°54'19	29°33	25° 6	26°15	25°30	5°53	20°17	20°11	27°31	2°16	12°12	10°52	4°54	29° 6	T 6
W 7	7 7 31	16°55'27	12♉ 8	24° 4	26°45	26° 8	6° 5	20°22	20°15	27°33	2°15	12°14	10°49	5° 0	29° 9	W 7
T 8	7 11 28	17°56'35	25° 6	22°55	27°14	26°47	6°16	20°27	20°18	27°35	2°14	12°15	10°46	5° 7	29°12	T 8
F 9	7 15 24	18°57'43	8♊30	21°39	27°41	27°26	6°28	20°32	20°22	27°37	2°13	12°R16	10°43	5°14	29°16	F 9
S 10	7 19 21	19°58'51	22°20	20°19	28° 7	28° 5	6°39	20°37	20°25	27°40	2°12	12°16	10°39	5°20	29°19	S 10
S 11	7 23 17	20°59'58	6♋36	18°59	28°30	28°44	6°50	20°41	20°29	27°42	2°10	12°14	10°36	5°27	29°23	S 11
M12	7 27 14	22° 1'05	21°14	17°40	28°52	29°23	7° 2	20°46	20°33	27°44	2° 9	12°10	10°33	5°34	29°26	M12
T 13	7 31 11	23° 2'12	6♌ 7	16°24	29°12	0♐ 2	7°13	20°50	20°36	27°46	2° 8	12° 4	10°30	5°41	29°30	T 13
W14	7 35 7	24° 3'19	21° 7	15°15	29°29	0°41	7°24	20°55	20°40	27°49	2° 7	11°57	10°27	5°47	29°34	W14
T 15	7 39 4	25° 4'25	6♍ 4	14°14	29°45	1°20	7°35	20°59	20°43	27°51	2° 6	11°51	10°24	5°54	29°37	T 15
F 16	7 43 0	26° 5'31	20°51	13°21	29°58	1°59	7°46	21° 4	20°47	27°53	2° 5	11°45	10°20	6° 1	29°41	F 16
S 17	7 46 57	27° 6'37	5♎19	12°37	0♓10	2°38	7°57	21° 8	20°50	27°56	2° 4	11°41	10°17	6° 8	29°45	S 17
S 18	7 50 53	28° 7'43	19°27	12° 3	0°19	3°17	8° 7	21°12	20°54	27°58	2° 3	11°39	10°14	6°14	29°48	S 18
M19	7 54 50	29° 8'48	3♏13	11°39	0°25	3°56	8°18	21°16	20°57	28° 0	2° 2	11°D38	10°11	6°21	29°52	M19
T 20	7 58 46	0♒ 9'54	16°38	11°24	0°30	4°35	8°29	21°20	21° 1	28° 2	2° 1	11°39	10° 8	6°28	29°56	T 20
W21	8 2 43	1°10'59	29°45	11°D18	0°R32	5°14	8°39	21°24	21° 5	28° 5	2° 0	11°41	10° 5	6°34	29°59	W21
T 22	8 6 40	2°12'04	12♐35	11°20	0°31	5°53	8°50	21°28	21° 8	28° 7	1°59	11°R41	10° 1	6°41	0♓ 4	T 22
F 23	8 10 36	3°13'09	25°12	11°31	0°28	6°32	9° 0	21°32	21°12	28° 9	1°58	11°40	9°58	6°48	0° 7	F 23
S 24	8 14 33	4°14'13	7♑38	11°48	0°23	7°11	9°10	21°35	21°15	28°12	1°57	11°37	9°55	6°55	0°11	S 24
S 25	8 18 29	5°15'17	19°54	12°12	0°15	7°50	9°20	21°39	21°19	28°14	1°56	11°31	9°52	7° 1	0°15	S 25
M26	8 22 26	6°16'20	2♒ 4	12°42	0° 4	8°29	9°30	21°42	21°22	28°16	1°55	11°22	9°49	7° 8	0°19	M26
T 27	8 26 22	7°17'22	14° 7	13°18	29♒51	9° 8	9°40	21°46	21°26	28°18	1°54	11°12	9°45	7°15	0°23	T 27
W28	8 30 19	8°18'23	26° 4	13°59	29°36	9°47	9°50	21°49	21°29	28°21	1°53	11° 0	9°42	7°21	0°27	W28
T 29	8 34 15	9°19'24	7♓58	14°44	29°18	10°26	9°59	21°52	21°32	28°23	1°52	10°48	9°39	7°28	0°31	T 29
F 30	8 38 12	10°20'23	19°49	15°33	28°58	11° 5	10° 9	21°56	21°36	28°25	1°51	10°37	9°36	7°35	0°35	F 30
S 31	8 42 9	11♒21'22	1♈40	16♑26	28♒35	11♐44	10♐18	21♏59	21♑39	28♑27	1♋50	10♐28	9♐33	7♓42	0♓39	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s59	6s51	5n 5	20s30	0n 8	13s55	0s12	17s43	0n37	20s20	0n47	15s34	2n12	22s22	0s26	20s13	0n28	17n16	6s 8	22s15	22s 5	5s 9	6s27	5n46
F 2	22 53	2 27	5 13	20 14	0 26	13 34	0 3	17 53	0 37	20 22	0 47	15 35	2 12	22 22	0 26	20 13	0 28	17 16	6 8	22 15	22 5	5 6	6 27	5 46
S 3	22 48	2n 2	5 7	19 59	0 45	13 13	0n 7	18 3	0 36	20 24	0 47	15 37	2 12	22 21	0 26	20 13	0 28	17 16	6 8	22 14	22 5	5 4	6 26	5 46
S 4	22 42	6 28	4 48	19 46	1 4	12 52	0 17	18 14	0 36	20 26	0 47	15 38	2 12	22 21	0 26	20 12	0 28	17 16	6 8	22 14	22 4	5 1	6 25	5 45
M 5	22 35	10 43	4 16	19 34	1 23	12 31	0 27	18 24	0 35	20 28	0 47	15 39	2 12	22 20	0 26	20 12	0 28	17 16	6 8	22 14	22 4	4 59	6 24	5 45
T 6	22 28	14 37	3 32	19 25	1 43	12 10	0 37	18 33	0 35	20 30	0 47	15 40	2 12	22 20	0 26	20 11	0 28	17 16	6 8	22 14	22 3	4 56	6 23	5 45
W 7	22 21	17 57	2 37	19 17	2 1	11 50	0 48	18 43	0 34	20 32	0 47	15 42	2 13	22 19	0 26	20 11	0 28	17 16	6 8	22 14	22 3	4 54	6 22	5 44
T 8	22 13	20 31	1 32	19 12	2 19	11 30	0 59	18 53	0 34	20 34	0 47	15 43	2 13	22 19	0 26	20 10	0 28	17 16	6 8	22 15	22 2	4 51	6 22	5 44
F 9	22 5	22 2	0 21	19 8	2 35	11 10	1 10	19 2	0 33	20 36	0 47	15 44	2 13	22 18	0 26	20 10	0 28	17 16	6 8	22 15	22 2	4 49	6 21	5 44
S 10	21 56	22 17	0s54	19 6	2 49	10 50	1 22	19 11	0 32	20 38	0 47	15 45	2 13	22 17	0 26	20 10	0 28	17 17	6 7	22 15	22 1	4 46	6 20	5 44
S 11	21 47	21 7	2 8	19 6	3 1	10 31	1 34	19 20	0 32	20 40	0 47	15 46	2 13	22 17	0 26	20 9	0 28	17 17	6 7	22 14	22 1	4 44	6 19	5 43
M12	21 37	18 31	3 16	19 7	3 10	10 12	1 46	19 29	0 31	20 42	0 47	15 47	2 13	22 16	0 26	20 9	0 27	17 17	6 7	22 14	22 1	4 41	6 18	5 43
T 13	21 27	14 41	4 11	19 9	3 17	9 54	1 58	19 38	0 31	20 43	0 47	15 48	2 14	22 16	0 26	20 8	0 27	17 17	6 7	22 13	22 0	4 39	6 17	5 43
W14	21 17	9 53	4 49	19 13	3 21	9 36	2 11	19 47	0 30	20 45	0 47	15 49	2 14	22 15	0 26	20 8	0 27	17 17	6 7	22 12	22 0	4 36	6 16	5 42
T 15	21 6	4 31	5 7	19 18	3 23	9 18	2 24	19 56	0 30	20 47	0 47	15 50	2 14	22 15	0 26	20 7	0 27	17 17	6 7	22 11	21 59	4 34	6 15	5 42
F 16	20 55	1s 3	5 5	19 24	3 22	9 1	2 37	20 4	0 29	20 49	0 47	15 51	2 14	22 14	0 26	20 7	0 27	17 17	6 7	22 10	21 59	4 31	6 14	5 42
S 17	20 43	6 27	4 43	19 30	3 20	8 44	2 51	20 12	0 28	20 50	0 47	15 52	2 14	22 14	0 26	20 7	0 27	17 17	6 7	22 10	21 58	4 29	6 13	5 42
S 18	20 31	11 22	4 4	19 37	3 16	8 28	3 5	20 20	0 28	20 52	0 47	15 53	2 14	22 13	0 26	20 6	0 27	17 18	6 7	22 10	21 58	4 26	6 12	5 42
M19	20 19	15 35	3 12	19 45	3 10	8 13	3 19	20 28	0 27	20 54	0 47	15 54	2 15	22 13	0 26	20 6	0 27	17 18	6 6	22 10	21 57	4 24	6 10	5 41
T 20	20 6	18 53	2 11	19 53	3 4	7 58	3 33	20 36	0 27	20 55	0 47	15 55	2 15	22 12	0 26	20 5	0 27	17 18	6 6	22 10	21 57	4 21	6 9	5 41
W21	19 53	21 7	1 4	20 1	2 56	7 44	3 47	20 44	0 26	20 57	0 47	15 55	2 15	22 12	0 26	20 5	0 27	17 18	6 6	22 10	21 56	4 19	6 8	5 41
T 22	19 39	22 12	0n 5	20 10	2 47	7 31	4 1	20 51	0 25	20 59	0 47	15 56	2 15	22 11	0 26	20 4	0 27	17 18	6 6	22 10	21 56	4 16	6 7	5 41
F 23	19 25	22 8	1 12	20 18	2 38	7 18	4 16	20 59	0 25	21 0	0 47	15 57	2 15	22 11	0 26	20 4	0 27	17 18	6 6	22 10	21 55	4 14	6 6	5 40
S 24	19 11	20 57	2 15	20 26	2 28	7 6	4 31	21 6	0 24	21 2	0 47	15 58	2 15	22 10	0 26	20 3	0 27	17 18	6 6	22 9	21 55	4 11	6 5	5 40
S 25	18 56	18 48	3 10	20 34	2 18	6 55	4 45	21 13	0 23	21 3	0 47	15 59	2 16	22 9	0 26	20 3	0 27	17 18	6 6	22 9	21 55	4 9	6 4	5 40
M26	18 41	15 51	3 56	20 41	2 8	6 45	5 0	21 20	0 23	21 5	0 47	15 59	2 16	22 9	0 26	20 3	0 27	17 19	6 6	22 7	21 54	4 6	6 2	5 40
T 27	18 26	12 15	4 31	20 48	1 57	6 36	5 15	21 26	0 22	21 6	0 47	16 0	2 16	22 8	0 26	20 2	0 27	17 19	6 5	22 6	21 54	4 4	6 1	5 40
W28	18 10	8 12	4 54	20 55	1 47	6 27	5 29	21 33	0 21	21 7	0 47	16 1	2 16	22 8	0 26	20 2	0 27	17 19	6 5	22 4	21 53	4 1	6 0	5 40
T 29	17 54	3 53	5 3	21 1	1 36	6 20	5 43	21 39	0 21	21 9	0 47	16 1	2 16	22 7	0 26	20 1	0 27	17 19	6 5	22 3	21 53	3 59	5 59	5 39
F 30	17 38	0n34	5 0	21 6	1 26	6 14	5 58	21 45	0 20	21 10	0 47	16 2	2 17	22 7	0 26	20 1	0 27	17 19	6 5	22 1	21 52	3 56	5 58	5 39
S 31	17s21	5n 0	4n43	21s10	1n15	6s 8	6n11	21s51	0n19	21s11	0n47	16s 2	2n17	22s 6	0s26	20s 0	0n27	17n19	6s 5	22s 0	21s52	3s54	5s56	5n39

Julian Day Number = 2510349.5, Delta T = 129.53 sec
Ecliptic obliquity = 23°25'03, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°59'24, Lahiri = 26°06'25

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2161
geocentric

FEBRUARY 2161 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 46 5	12♒22'19	13♈34	17♑22	28°R11	12♐23	10♐28	22♏ 1	21♑43	28♑30	1°R49	10°R21	9♐30	7♓48	0♓43	S 1
M 2	8 50 2	13°23'15	25°36	18°21	27♒44	13° 2	10°37	22° 4	21°46	28°32	1♋48	10♐17	9°26	7°55	0°47	M 2
T 3	8 53 58	14°24'10	7♉48	19°23	27°15	13°41	10°46	22° 7	21°49	28°34	1°47	10°15	9°23	8° 2	0°51	T 3
W 4	8 57 55	15°25'03	20°17	20°28	26°44	14°20	10°55	22°10	21°53	28°36	1°47	10°D15	9°20	8° 9	0°56	W 4
T 5	9 1 51	16°25'55	3♊ 8	21°34	26°12	14°59	11° 4	22°12	21°56	28°38	1°46	10°16	9°17	8°15	1° 0	T 5
F 6	9 5 48	17°26'46	16°24	22°43	25°38	15°38	11°13	22°15	21°59	28°41	1°45	10°R16	9°14	8°22	1° 4	F 6
S 7	9 9 44	18°27'36	0♋ 9	23°54	25° 3	16°17	11°21	22°17	22° 3	28°43	1°44	10°14	9°11	8°29	1° 8	S 7
S 8	9 13 41	19°28'24	14°25	25° 7	24°27	16°56	11°30	22°19	22° 6	28°45	1°43	10°10	9° 7	8°35	1°12	S 8
M 9	9 17 38	20°29'11	29° 7	26°22	23°51	17°35	11°38	22°22	22° 9	28°47	1°43	10° 3	9° 4	8°42	1°16	M 9
T 10	9 21 34	21°29'56	14♌12	27°38	23°13	18°14	11°47	22°24	22°13	28°49	1°42	9°54	9° 1	8°49	1°20	T 10
W11	9 25 31	22°30'40	29°30	28°55	22°36	18°52	11°55	22°26	22°16	28°51	1°41	9°44	8°58	8°56	1°25	W11
T 12	9 29 27	23°31'23	14♍48	0♒14	21°59	19°31	12° 3	22°28	22°19	28°53	1°41	9°33	8°55	9° 2	1°29	T 12
F 13	9 33 24	24°32'04	29°56	1°35	21°22	20°10	12°11	22°29	22°22	28°56	1°40	9°23	8°51	9° 9	1°33	F 13
S 14	9 37 20	25°32'45	14♎45	2°56	20°45	20°49	12°18	22°31	22°25	28°58	1°39	9°15	8°48	9°16	1°37	S 14
S 15	9 41 17	26°33'24	29° 8	4°19	20° 9	21°28	12°26	22°33	22°28	29° 0	1°39	9°10	8°45	9°23	1°41	S 15
M16	9 45 13	27°34'02	13♏ 4	5°43	19°35	22° 7	12°33	22°34	22°31	29° 2	1°38	9° 8	8°42	9°29	1°46	M16
T 17	9 49 10	28°34'40	26°32	7° 8	19° 2	22°46	12°41	22°35	22°35	29° 4	1°37	9°D 7	8°39	9°36	1°50	T 17
W18	9 53 7	29°35'16	9♐35	8°34	18°30	23°25	12°48	22°37	22°38	29° 6	1°37	9°R 7	8°36	9°43	1°54	W18
T 19	9 57 3	0♓35'51	22°18	10° 1	17°59	24° 4	12°55	22°38	22°41	29° 8	1°36	9° 6	8°32	9°49	1°58	T 19
F 20	10 1 0	1°36'24	4♑45	11°29	17°31	24°43	13° 2	22°39	22°44	29°10	1°36	9° 4	8°29	9°56	2° 2	F 20
S 21	10 4 56	2°36'57	16°59	12°58	17° 5	25°22	13° 9	22°40	22°47	29°12	1°35	8°59	8°26	10° 3	2° 7	S 21
S 22	10 8 53	3°37'28	29° 4	14°29	16°40	26° 1	13°15	22°41	22°49	29°14	1°35	8°51	8°23	10°10	2°11	S 22
M23	10 12 49	4°37'58	11♒ 4	16° 0	16°18	26°40	13°22	22°41	22°52	29°16	1°34	8°40	8°20	10°16	2°15	M23
T 24	10 16 46	5°38'26	22°59	17°32	15°59	27°19	13°28	22°42	22°55	29°18	1°34	8°27	8°17	10°23	2°19	T 24
W25	10 20 42	6°38'52	4♓52	19° 5	15°41	27°58	13°34	22°43	22°58	29°20	1°33	8°12	8°13	10°30	2°23	W25
T 26	10 24 39	7°39'17	16°44	20°39	15°26	28°36	13°40	22°43	23° 1	29°22	1°33	7°57	8°10	10°36	2°28	T 26
F 27	10 28 36	8°39'40	28°36	22°14	15°14	29°15	13°46	22°43	23° 4	29°23	1°33	7°43	8° 7	10°43	2°32	F 27
S 28	10 32 32	9♓40'02	10♈30	23♒50	15♒ 4	29♐54	13♐52	22♏44	23♑ 6	29♑25	1♋32	7♐30	8♐ 4	10♓50	2♓36	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s 4	9n16	4n15	21s13	1n 5	6s 4	6n25	21s57	0n18	21s13	0n48	16s 3	2n17	22s 6	0s26	20s 0	0n27	17n20	6s 5	21s59	21s51	3s51	5s55	5n39
M 2	16 47	13 13	3 34	21 16	0 55	6 1	6 38	22 3	0 18	21 14	0 48	16 4	2 17	22 5	0 26	19 59	0 27	17 20	6 5	21 58	21 51	3 49	5 54	5 39
T 3	16 30	16 41	2 44	21 17	0 45	5 59	6 51	22 8	0 17	21 15	0 48	16 4	2 17	22 5	0 26	19 59	0 27	17 20	6 5	21 58	21 50	3 46	5 53	5 39
W 4	16 12	19 29	1 44	21 17	0 35	5 58	7 3	22 14	0 16	21 16	0 48	16 4	2 18	22 4	0 26	19 59	0 27	17 20	6 4	21 58	21 50	3 44	5 51	5 38
T 5	15 54	21 23	0 38	21 17	0 25	5 57	7 14	22 19	0 15	21 18	0 48	16 5	2 18	22 4	0 26	19 58	0 27	17 20	6 4	21 58	21 49	3 41	5 50	5 38
F 6	15 35	22 11	0s33	21 15	0 16	5 58	7 25	22 24	0 15	21 19	0 48	16 5	2 18	22 3	0 26	19 58	0 27	17 20	6 4	21 58	21 49	3 39	5 49	5 38
S 7	15 17	21 41	1 44	21 12	0 7	6 0	7 35	22 29	0 14	21 20	0 48	16 6	2 18	22 3	0 26	19 57	0 27	17 20	6 4	21 58	21 48	3 36	5 47	5 38
S 8	14 58	19 49	2 51	21 8	0s 2	6 3	7 44	22 33	0 13	21 21	0 48	16 6	2 18	22 2	0 26	19 57	0 27	17 21	6 4	21 57	21 48	3 34	5 46	5 38
M 9	14 39	16 35	3 49	21 3	0 11	6 7	7 53	22 38	0 12	21 22	0 48	16 7	2 19	22 2	0 26	19 56	0 27	17 21	6 4	21 56	21 47	3 31	5 45	5 38
T 10	14 19	12 13	4 32	20 56	0 20	6 11	8 0	22 42	0 12	21 23	0 48	16 7	2 19	22 1	0 26	19 56	0 27	17 21	6 3	21 55	21 47	3 29	5 43	5 38
W11	14 0	7 0	4 57	20 49	0 28	6 17	8 7	22 46	0 11	21 24	0 48	16 7	2 19	22 1	0 26	19 56	0 27	17 21	6 3	21 53	21 46	3 26	5 42	5 38
T 12	13 40	1 22	5 0	20 40	0 36	6 23	8 13	22 50	0 10	21 25	0 48	16 7	2 19	22 0	0 26	19 55	0 27	17 21	6 3	21 52	21 46	3 24	5 41	5 38
F 13	13 20	4s18	4 42	20 30	0 43	6 30	8 18	22 54	0 9	21 26	0 48	16 8	2 19	22 0	0 26	19 55	0 27	17 21	6 3	21 50	21 45	3 21	5 39	5 37
S 14	13 0	9 35	4 6	20 19	0 51	6 37	8 22	22 58	0 8	21 27	0 48	16 8	2 20	21 59	0 26	19 54	0 27	17 22	6 3	21 49	21 45	3 19	5 38	5 37
S 15	12 39	14 11	3 15	20 6	0 58	6 46	8 25	23 1	0 7	21 28	0 48	16 8	2 20	21 59	0 26	19 54	0 27	17 22	6 3	21 48	21 44	3 17	5 36	5 37
M16	12 18	17 52	2 13	19 52	1 5	6 54	8 26	23 4	0 7	21 29	0 48	16 8	2 20	21 58	0 26	19 53	0 27	17 22	6 2	21 48	21 44	3 14	5 35	5 37
T 17	11 57	20 26	1 6	19 37	1 11	7 3	8 27	23 7	0 6	21 30	0 48	16 8	2 20	21 58	0 26	19 53	0 27	17 22	6 2	21 48	21 43	3 12	5 34	5 37
W18	11 36	21 50	0n 2	19 21	1 17	7 13	8 28	23 10	0 5	21 31	0 48	16 8	2 21	21 57	0 26	19 53	0 27	17 22	6 2	21 48	21 43	3 9	5 32	5 37
T 19	11 15	22 3	1 9	19 3	1 23	7 22	8 27	23 13	0 4	21 32	0 48	16 9	2 21	21 57	0 26	19 52	0 27	17 23	6 2	21 48	21 42	3 7	5 31	5 37
F 20	10 54	21 9	2 11	18 45	1 29	7 32	8 25	23 16	0 3	21 32	0 48	16 9	2 21	21 56	0 26	19 52	0 27	17 23	6 2	21 47	21 42	3 4	5 29	5 37
S 21	10 32	19 16	3 6	18 25	1 34	7 42	8 23	23 18	0 2	21 33	0 49	16 9	2 21	21 56	0 26	19 51	0 27	17 23	6 2	21 47	21 41	3 2	5 28	5 37
S 22	10 10	16 33	3 51	18 3	1 39	7 52	8 19	23 20	0 1	21 34	0 49	16 9	2 21	21 55	0 26	19 51	0 27	17 23	6 1	21 45	21 41	2 59	5 26	5 37
M23	9 48	13 10	4 26	17 41	1 44	8 3	8 15	23 22	0 0	21 35	0 49	16 9	2 22	21 55	0 26	19 51	0 27	17 23	6 1	21 44	21 40	2 57	5 25	5 37
T 24	9 26	9 18	4 48	17 17	1 48	8 13	8 11	23 24	0s 0	21 35	0 49	16 9	2 22	21 54	0 26	19 50	0 27	17 23	6 1	21 42	21 40	2 54	5 24	5 37
W25	9 4	5 5	4 59	16 51	1 52	8 23	8 6	23 26	0 1	21 36	0 49	16 9	2 22	21 54	0 26	19 50	0 27	17 24	6 1	21 39	21 39	2 52	5 22	5 37
T 26	8 41	0 41	4 56	16 25	1 55	8 33	8 0	23 27	0 2	21 37	0 49	16 8	2 22	21 54	0 26	19 49	0 27	17 24	6 1	21 37	21 39	2 49	5 21	5 37
F 27	8 19	3n44	4 40	15 57	1 59	8 42	7 53	23 28	0 3	21 37	0 49	16 8	2 22	21 53	0 27	19 49	0 27	17 24	6 1	21 35	21 38	2 47	5 19	5 37
S 28	7s56	8n 1	4n12	15s28	2s 1	8s52	7n46	23s29	0s 4	21s38	0n49	16s 8	2n23	21s53	0s27	19s49	0n27	17n24	6s 0	21s33	21s38	2s44	5s18	5n37

Julian Day Number = 2510380.5, Delta T = 129.59 sec
Ecliptic obliquity = 23°25'03, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°59'28, Lahiri = 26°06'29

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2161
geocentric

MARCH 2161 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 36 29	10♓40'21	22♈28	25♒27	14°R56	0♑33	13♐57	22♏44	23♑ 9	29♑27	1°R32	7°R21	8♐ 1	10♓57	2♓40	S 1
M 2	10 40 25	11°40'39	4♉32	27° 6	14♒51	1°12	14° 3	22°R44	23°12	29°29	1♋32	7♐15	7°57	11° 3	2°44	M 2
T 3	10 44 22	12°40'55	16°46	28°45	14°48	1°51	14° 8	22°44	23°14	29°31	1°31	7°11	7°54	11°10	2°49	T 3
W 4	10 48 18	13°41'09	29°13	0♓25	14°D48	2°29	14°13	22°44	23°17	29°32	1°31	7°10	7°51	11°17	2°53	W 4
T 5	10 52 15	14°41'20	11♊59	2° 6	14°50	3° 8	14°18	22°43	23°19	29°34	1°31	7°10	7°48	11°24	2°57	T 5
F 6	10 56 11	15°41'30	25° 8	3°48	14°54	3°47	14°22	22°43	23°22	29°36	1°31	7°10	7°45	11°30	3° 1	F 6
S 7	11 0 8	16°41'38	8♋43	5°31	15° 1	4°26	14°27	22°42	23°24	29°38	1°30	7° 8	7°42	11°37	3° 5	S 7
S 8	11 4 4	17°41'44	22°47	7°16	15°10	5° 5	14°31	22°42	23°27	29°39	1°30	7° 4	7°38	11°44	3° 9	S 8
M 9	11 8 1	18°41'47	7♌20	9° 1	15°21	5°43	14°36	22°41	23°29	29°41	1°30	6°58	7°35	11°50	3°13	M 9
T 10	11 11 58	19°41'48	22°17	10°48	15°35	6°22	14°40	22°40	23°32	29°43	1°30	6°49	7°32	11°57	3°17	T 10
W11	11 15 54	20°41'48	7♍32	12°35	15°50	7° 1	14°44	22°39	23°34	29°44	1°30	6°39	7°29	12° 4	3°21	W11
T 12	11 19 51	21°41'45	22°53	14°24	16° 7	7°39	14°47	22°38	23°36	29°46	1°30	6°28	7°26	12°11	3°26	T 12
F 13	11 23 47	22°41'40	8♎10	16°14	16°27	8°18	14°51	22°37	23°39	29°47	1°30	6°18	7°22	12°17	3°30	F 13
S 14	11 27 44	23°41'34	23°10	18° 5	16°48	8°57	14°54	22°36	23°41	29°49	1°30	6°10	7°19	12°24	3°34	S 14
S 15	11 31 40	24°41'26	7♏46	19°57	17°11	9°35	14°57	22°35	23°43	29°50	1°D30	6° 4	7°16	12°31	3°38	S 15
M16	11 35 37	25°41'16	21°54	21°50	17°36	10°14	15° 0	22°34	23°45	29°52	1°30	6° 1	7°13	12°37	3°42	M16
T 17	11 39 33	26°41'04	5♐32	23°45	18° 2	10°53	15° 3	22°32	23°47	29°53	1°30	6°D 1	7°10	12°44	3°45	T 17
W18	11 43 30	27°40'51	18°42	25°40	18°31	11°31	15° 6	22°30	23°49	29°55	1°30	6° 1	7° 7	12°51	3°49	W18
T 19	11 47 27	28°40'37	1♑28	27°36	19° 0	12°10	15° 8	22°29	23°51	29°56	1°30	6°R 1	7° 3	12°58	3°53	T 19
F 20	11 51 23	29°40'20	13°54	29°34	19°32	12°48	15°10	22°27	23°53	29°58	1°30	6° 0	7° 0	13° 4	3°57	F 20
S 21	11 55 20	0♈40'02	26° 5	1♈32	20° 4	13°27	15°13	22°25	23°55	29°59	1°30	5°57	6°57	13°11	4° 1	S 21
S 22	11 59 16	1°39'42	8♒ 6	3°31	20°38	14° 5	15°14	22°23	23°57	0♒ 0	1°30	5°51	6°54	13°18	4° 5	S 22
M23	12 3 13	2°39'20	20° 1	5°31	21°14	14°44	15°16	22°21	23°59	0° 2	1°30	5°43	6°51	13°25	4° 9	M23
T 24	12 7 9	3°38'57	1♓52	7°32	21°51	15°22	15°18	22°19	24° 0	0° 3	1°30	5°33	6°48	13°31	4°13	T 24
W25	12 11 6	4°38'31	13°44	9°33	22°29	16° 1	15°19	22°17	24° 2	0° 4	1°31	5°21	6°44	13°38	4°16	W25
T 26	12 15 2	5°38'04	25°36	11°34	23° 8	16°39	15°20	22°14	24° 4	0° 5	1°31	5° 9	6°41	13°45	4°20	T 26
F 27	12 18 59	6°37'34	7♈32	13°35	23°48	17°18	15°21	22°12	24° 6	0° 6	1°31	4°57	6°38	13°51	4°24	F 27
S 28	12 22 56	7°37'03	19°32	15°36	24°29	17°56	15°22	22°10	24° 7	0° 8	1°31	4°48	6°35	13°58	4°27	S 28
S 29	12 26 52	8°36'29	1♉38	17°37	25°12	18°34	15°23	22° 7	24° 9	0° 9	1°32	4°40	6°32	14° 5	4°31	S 29
M30	12 30 49	9°35'54	13°52	19°37	25°55	19°13	15°23	22° 4	24°10	0°10	1°32	4°36	6°28	14°12	4°35	M30
T 31	12 34 45	10♈35'16	26♉15	21♈35	26♒39	19♑51	15♐23	22♏ 2	24♑12	0♒11	1♋32	4♐33	6♐25	14♓18	4♓38	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s33	12n 1	3n32	14s58	2s 4	9s 1	7n39	23s30	0s 5	21s39	0n49	16s 8	2n23	21s52	0s27	19s48	0n27	17n24	6s 0	21s31	21s37	2s42	5s16	5n37
M 2	7 11	15 35	2 43	14 26	2 6	9 10	7 31	23 31	0 6	21 39	0 49	16 8	2 23	21 52	0 27	19 48	0 27	17 24	6 0	21 30	21 37	2 39	5 15	5 37
T 3	6 48	18 31	1 46	13 54	2 8	9 18	7 23	23 32	0 7	21 40	0 49	16 8	2 23	21 51	0 27	19 47	0 27	17 25	6 0	21 29	21 36	2 37	5 13	5 37
W 4	6 25	20 39	0 42	13 20	2 9	9 27	7 15	23 32	0 8	21 40	0 49	16 7	2 23	21 51	0 27	19 47	0 27	17 25	6 0	21 29	21 36	2 34	5 12	5 37
T 5	6 1	21 47	0s26	12 44	2 10	9 34	7 6	23 32	0 9	21 41	0 49	16 7	2 24	21 51	0 27	19 47	0 27	17 25	5 59	21 29	21 35	2 32	5 10	5 37
F 6	5 38	21 46	1 34	12 8	2 10	9 42	6 57	23 32	0 10	21 41	0 49	16 7	2 24	21 50	0 27	19 46	0 27	17 25	5 59	21 29	21 35	2 29	5 9	5 37
S 7	5 15	20 30	2 39	11 30	2 10	9 49	6 48	23 32	0 11	21 42	0 49	16 6	2 24	21 50	0 27	19 46	0 27	17 25	5 59	21 29	21 34	2 27	5 7	5 37
S 8	4 52	17 56	3 36	10 51	2 10	9 55	6 38	23 32	0 12	21 42	0 49	16 6	2 24	21 49	0 27	19 46	0 27	17 26	5 59	21 28	21 34	2 24	5 6	5 37
M 9	4 28	14 12	4 22	10 10	2 9	10 1	6 29	23 31	0 14	21 42	0 50	16 6	2 24	21 49	0 27	19 45	0 27	17 26	5 59	21 27	21 33	2 22	5 4	5 37
T 10	4 5	9 28	4 51	9 29	2 8	10 6	6 19	23 30	0 15	21 43	0 50	16 5	2 25	21 49	0 27	19 45	0 27	17 26	5 59	21 26	21 33	2 20	5 3	5 37
W11	3 41	4 5	5 1	8 46	2 6	10 11	6 9	23 30	0 16	21 43	0 50	16 5	2 25	21 48	0 27	19 45	0 27	17 26	5 58	21 24	21 32	2 17	5 1	5 37
T 12	3 17	1s36	4 49	8 2	2 3	10 16	5 59	23 29	0 17	21 44	0 50	16 5	2 25	21 48	0 27	19 44	0 27	17 26	5 58	21 22	21 32	2 15	5 0	5 37
F 13	2 54	7 9	4 16	7 17	2 1	10 20	5 50	23 27	0 18	21 44	0 50	16 4	2 25	21 47	0 27	19 44	0 27	17 27	5 58	21 20	21 31	2 12	4 58	5 37
S 14	2 30	12 11	3 26	6 31	1 57	10 23	5 40	23 26	0 19	21 44	0 50	16 4	2 25	21 47	0 27	19 44	0 27	17 27	5 58	21 19	21 31	2 10	4 57	5 37
S 15	2 6	16 21	2 24	5 43	1 54	10 26	5 30	23 24	0 20	21 45	0 50	16 3	2 26	21 47	0 27	19 43	0 27	17 27	5 58	21 18	21 30	2 7	4 55	5 37
M16	1 43	19 25	1 14	4 55	1 49	10 28	5 20	23 23	0 21	21 45	0 50	16 3	2 26	21 46	0 27	19 43	0 27	17 27	5 57	21 18	21 30	2 5	4 54	5 37
T 17	1 19	21 15	0 3	4 5	1 44	10 29	5 10	23 21	0 23	21 45	0 50	16 2	2 26	21 46	0 27	19 43	0 27	17 27	5 57	21 17	21 29	2 2	4 53	5 37
W18	0 55	21 50	1n 7	3 14	1 39	10 30	5 0	23 19	0 24	21 45	0 50	16 1	2 26	21 46	0 27	19 42	0 27	17 27	5 57	21 17	21 29	2 0	4 51	5 37
T 19	0 32	21 14	2 11	2 23	1 33	10 31	4 50	23 17	0 25	21 45	0 50	16 1	2 26	21 45	0 27	19 42	0 27	17 28	5 57	21 18	21 28	1 57	4 50	5 37
F 20	0 8	19 36	3 7	1 30	1 27	10 31	4 40	23 14	0 26	21 46	0 50	16 0	2 27	21 45	0 27	19 42	0 27	17 28	5 57	21 17	21 28	1 55	4 48	5 38
S 21	0n16	17 5	3 53	0 37	1 20	10 30	4 30	23 12	0 27	21 46	0 50	16 0	2 27	21 45	0 27	19 42	0 27	17 28	5 57	21 17	21 27	1 52	4 47	5 38
S 22	0 40	13 54	4 29	0n18	1 12	10 29	4 21	23 9	0 29	21 46	0 50	15 59	2 27	21 45	0 27	19 41	0 27	17 28	5 56	21 16	21 27	1 50	4 45	5 38
M23	1 3	10 10	4 52	1 13	1 4	10 27	4 11	23 6	0 30	21 46	0 50	15 58	2 27	21 44	0 27	19 41	0 27	17 28	5 56	21 14	21 26	1 48	4 44	5 38
T 24	1 27	6 5	5 2	2 8	0 56	10 24	4 1	23 3	0 31	21 46	0 51	15 57	2 27	21 44	0 27	19 41	0 27	17 29	5 56	21 13	21 25	1 45	4 42	5 38
W25	1 51	1 47	5 0	3 4	0 46	10 21	3 52	23 0	0 32	21 46	0 51	15 57	2 27	21 44	0 27	19 40	0 27	17 29	5 56	21 10	21 25	1 43	4 41	5 38
T 26	2 14	2n36	4 44	4 0	0 37	10 17	3 42	22 56	0 34	21 46	0 51	15 56	2 28	21 43	0 27	19 40	0 27	17 29	5 56	21 8	21 24	1 40	4 39	5 38
F 27	2 38	6 55	4 16	4 57	0 27	10 13	3 33	22 53	0 35	21 46	0 51	15 55	2 28	21 43	0 27	19 40	0 27	17 29	5 55	21 6	21 24	1 38	4 38	5 38
S 28	3 1	10 59	3 37	5 53	0 16	10 8	3 24	22 49	0 36	21 46	0 51	15 54	2 28	21 43	0 27	19 40	0 27	17 29	5 55	21 5	21 23	1 35	4 36	5 38
S 29	3 25	14 38	2 47	6 49	0 6	10 3	3 15	22 45	0 38	21 46	0 51	15 54	2 28	21 43	0 27	19 39	0 27	17 29	5 55	21 3	21 23	1 33	4 35	5 39
M30	3 48	17 43	1 49	7 45	0n 6	9 57	3 6	22 41	0 39	21 46	0 51	15 53	2 28	21 42	0 27	19 39	0 27	17 30	5 55	21 2	21 22	1 30	4 34	5 39
T 31	4n11	20n 1	0n44	8n40	0n17	9s51	2n57	22s37	0s40	21s46	0n51	15s52	2n28	21s42	0s27	19s39	0n27	17n30	5s55	21s 2	21s22	1s28	4s32	5n39

Julian Day Number = 2510408.5, Delta T = 129.65 sec
Ecliptic obliquity = 23°25'03, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°59'32, Lahiri = 26°06'33

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2161
geocentric

APRIL 2161 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 38 42	11♈34'36	8♊50	23♈32	27♒25	20♑29	15°R23	21°R59	24♑13	0♒12	1♋33	4°D33	6♐22	14♓25	4♓42	W 1
T 2	12 42 38	12°33'54	21°40	25°27	28°11	21° 7	15♐23	21♏56	24°14	0°13	1°33	4♐34	6°19	14°32	4°45	T 2
F 3	12 46 35	13°33'09	4♋49	27°20	28°58	21°45	15°23	21°53	24°16	0°14	1°33	4°35	6°16	14°38	4°49	F 3
S 4	12 50 31	14°32'23	18°19	29°10	29°46	22°23	15°22	21°50	24°17	0°15	1°34	4°R35	6°13	14°45	4°52	S 4
S 5	12 54 28	15°31'33	2♌13	0♉57	0♓34	23° 2	15°21	21°47	24°18	0°16	1°34	4°34	6° 9	14°52	4°56	S 5
M 6	12 58 25	16°30'42	16°30	2°40	1°24	23°40	15°21	21°44	24°19	0°17	1°35	4°31	6° 6	14°59	4°59	M 6
T 7	13 2 21	17°29'48	1♍10	4°20	2°14	24°18	15°19	21°40	24°20	0°17	1°35	4°26	6° 3	15° 5	5° 3	T 7
W 8	13 6 18	18°28'52	16° 6	5°55	3° 4	24°55	15°18	21°37	24°21	0°18	1°36	4°19	6° 0	15°12	5° 6	W 8
T 9	13 10 14	19°27'53	1♎12	7°26	3°56	25°33	15°17	21°34	24°22	0°19	1°36	4°12	5°57	15°19	5° 9	T 9
F 10	13 14 11	20°26'53	16°17	8°52	4°48	26°11	15°15	21°30	24°23	0°20	1°37	4° 6	5°54	15°26	5°12	F 10
S 11	13 18 7	21°25'50	1♏11	10°13	5°41	26°49	15°13	21°26	24°24	0°20	1°38	4° 1	5°50	15°32	5°16	S 11
S 12	13 22 4	22°24'46	15°48	11°29	6°34	27°27	15°11	21°23	24°25	0°21	1°38	3°57	5°47	15°39	5°19	S 12
M13	13 26 0	23°23'40	29°59	12°39	7°28	28° 5	15° 9	21°19	24°26	0°22	1°39	3°D56	5°44	15°46	5°22	M13
T 14	13 29 57	24°22'32	13♐44	13°44	8°23	28°42	15° 7	21°16	24°27	0°22	1°39	3°56	5°41	15°52	5°25	T 14
W15	13 33 53	25°21'22	27° 2	14°43	9°18	29°20	15° 4	21°12	24°27	0°23	1°40	3°58	5°38	15°59	5°28	W15
T 16	13 37 50	26°20'10	9♑54	15°35	10°13	29°58	15° 1	21° 8	24°28	0°24	1°41	3°59	5°34	16° 6	5°31	T 16
F 17	13 41 47	27°18'57	22°25	16°22	11° 9	0♒35	14°58	21° 4	24°29	0°24	1°41	4°R 0	5°31	16°13	5°34	F 17
S 18	13 45 43	28°17'42	4♒40	17° 3	12° 6	1°13	14°55	21° 0	24°29	0°25	1°42	4° 0	5°28	16°19	5°37	S 18
S 19	13 49 40	29°16'25	16°42	17°37	13° 3	1°50	14°52	20°56	24°30	0°25	1°43	3°58	5°25	16°26	5°40	S 19
M20	13 53 36	0♉15'07	28°37	18° 5	14° 0	2°28	14°49	20°52	24°30	0°25	1°44	3°55	5°22	16°33	5°43	M20
T 21	13 57 33	1°13'47	10♓28	18°27	14°58	3° 5	14°45	20°48	24°31	0°26	1°44	3°51	5°19	16°39	5°45	T 21
W22	14 1 29	2°12'25	22°20	18°43	15°57	3°42	14°41	20°44	24°31	0°26	1°45	3°46	5°15	16°46	5°48	W22
T 23	14 5 26	3°11'01	4♈15	18°53	16°55	4°19	14°37	20°40	24°31	0°26	1°46	3°40	5°12	16°53	5°51	T 23
F 24	14 9 22	4° 9'36	16°16	18°R57	17°54	4°57	14°33	20°35	24°32	0°27	1°47	3°35	5° 9	17° 0	5°54	F 24
S 25	14 13 19	5° 8'09	28°25	18°55	18°54	5°34	14°29	20°31	24°32	0°27	1°48	3°30	5° 6	17° 6	5°56	S 25
S 26	14 17 16	6° 6'40	10♉43	18°47	19°54	6°11	14°24	20°27	24°32	0°27	1°49	3°27	5° 3	17°13	5°59	S 26
M27	14 21 12	7° 5'09	23°11	18°34	20°54	6°48	14°20	20°23	24°32	0°27	1°50	3°25	4°59	17°20	6° 1	M27
T 28	14 25 9	8° 3'36	5♊50	18°17	21°54	7°25	14°15	20°18	24°R32	0°28	1°50	3°D25	4°56	17°27	6° 4	T 28
W29	14 29 5	9° 2'01	18°42	17°54	22°55	8° 1	14°10	20°14	24°32	0°28	1°51	3°26	4°53	17°33	6° 6	W29
T 30	14 33 2	10♉ 0'25	1♋48	17♉28	23♓56	8♒38	14♐ 5	20♏ 9	24♑32	0♒28	1♋52	3♐27	4♐50	17♓40	6♓ 8	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	4n34	21n22	0s23	9n34	0n29	9s44	2n48	22s33	0s42	21s46	0n51	15s51	2n29	21s42	0s27	19s39	0n27	17n30	5s54	21s 2	21s21	1s25	4s31	5n39
T 2	4 58	21 39	1 31	10 28	0 40	9 36	2 39	22 28	0 43	21 46	0 51	15 50	2 29	21 42	0 27	19 39	0 27	17 30	5 54	21 2	21 21	1 23	4 29	5 39
F 3	5 21	20 44	2 35	11 20	0 52	9 28	2 31	22 24	0 45	21 46	0 51	15 49	2 29	21 42	0 27	19 38	0 27	17 30	5 54	21 2	21 20	1 21	4 28	5 39
S 4	5 44	18 39	3 33	12 10	1 4	9 20	2 22	22 19	0 46	21 46	0 51	15 48	2 29	21 41	0 27	19 38	0 27	17 31	5 54	21 2	21 19	1 18	4 27	5 40
S 5	6 6	15 25	4 20	12 58	1 16	9 10	2 14	22 14	0 47	21 46	0 51	15 48	2 29	21 41	0 28	19 38	0 27	17 31	5 54	21 2	21 19	1 16	4 25	5 40
M 6	6 29	11 13	4 53	13 45	1 27	9 1	2 6	22 9	0 49	21 46	0 51	15 47	2 29	21 41	0 28	19 38	0 27	17 31	5 54	21 1	21 18	1 13	4 24	5 40
T 7	6 52	6 15	5 7	14 29	1 38	8 51	1 57	22 4	0 50	21 46	0 51	15 46	2 29	21 41	0 28	19 38	0 27	17 31	5 53	21 0	21 18	1 11	4 22	5 40
W 8	7 14	0 51	5 1	15 12	1 49	8 40	1 49	21 58	0 52	21 45	0 51	15 45	2 29	21 41	0 28	19 37	0 27	17 31	5 53	20 59	21 17	1 8	4 21	5 40
T 9	7 37	4s40	4 35	15 51	1 59	8 29	1 42	21 53	0 53	21 45	0 51	15 44	2 30	21 41	0 28	19 37	0 27	17 31	5 53	20 58	21 17	1 6	4 20	5 40
F 10	7 59	9 55	3 49	16 28	2 9	8 17	1 34	21 47	0 55	21 45	0 51	15 43	2 30	21 40	0 28	19 37	0 27	17 32	5 53	20 57	21 16	1 3	4 18	5 41
S 11	8 21	14 30	2 48	17 3	2 18	8 5	1 26	21 42	0 56	21 45	0 52	15 42	2 30	21 40	0 28	19 37	0 27	17 32	5 53	20 56	21 16	1 1	4 17	5 41
S 12	8 43	18 6	1 37	17 35	2 26	7 52	1 19	21 36	0 58	21 44	0 52	15 41	2 30	21 40	0 28	19 37	0 27	17 32	5 53	20 55	21 15	0 59	4 16	5 41
M13	9 5	20 29	0 21	18 3	2 33	7 39	1 11	21 30	0 59	21 44	0 52	15 40	2 30	21 40	0 28	19 37	0 27	17 32	5 52	20 55	21 15	0 56	4 14	5 41
T 14	9 26	21 33	0n53	18 29	2 40	7 26	1 4	21 24	1 1	21 44	0 52	15 39	2 30	21 40	0 28	19 36	0 27	17 32	5 52	20 55	21 14	0 54	4 13	5 41
W15	9 48	21 21	2 2	18 52	2 46	7 12	0 57	21 17	1 3	21 44	0 52	15 37	2 30	21 40	0 28	19 36	0 27	17 32	5 52	20 55	21 13	0 51	4 12	5 42
T 16	10 9	20 0	3 3	19 13	2 50	6 57	0 50	21 11	1 4	21 43	0 52	15 36	2 30	21 40	0 28	19 36	0 27	17 33	5 52	20 56	21 13	0 49	4 10	5 42
F 17	10 30	17 43	3 53	19 30	2 54	6 43	0 43	21 5	1 6	21 43	0 52	15 35	2 30	21 40	0 28	19 36	0 27	17 33	5 52	20 56	21 12	0 46	4 9	5 42
S 18	10 52	14 41	4 32	19 44	2 57	6 27	0 37	20 58	1 7	21 42	0 52	15 34	2 30	21 40	0 28	19 36	0 27	17 33	5 51	20 56	21 12	0 44	4 8	5 42
S 19	11 12	11 5	4 58	19 55	2 58	6 12	0 30	20 51	1 9	21 42	0 52	15 33	2 31	21 40	0 28	19 36	0 27	17 33	5 51	20 55	21 11	0 41	4 7	5 43
M20	11 33	7 6	5 10	20 3	2 58	5 55	0 24	20 44	1 11	21 42	0 52	15 32	2 31	21 40	0 28	19 36	0 27	17 33	5 51	20 55	21 11	0 39	4 5	5 43
T 21	11 53	2 52	5 9	20 8	2 57	5 39	0 17	20 38	1 12	21 41	0 52	15 31	2 31	21 40	0 28	19 36	0 27	17 33	5 51	20 54	21 10	0 37	4 4	5 43
W22	12 14	1n29	4 55	20 10	2 54	5 22	0 11	20 30	1 14	21 41	0 52	15 30	2 31	21 39	0 28	19 36	0 27	17 34	5 51	20 53	21 9	0 34	4 3	5 43
T 23	12 34	5 48	4 29	20 9	2 51	5 5	0 5	20 23	1 16	21 40	0 52	15 29	2 31	21 39	0 28	19 36	0 27	17 34	5 51	20 52	21 9	0 32	4 2	5 43
F 24	12 54	9 55	3 50	20 6	2 46	4 47	0s 1	20 16	1 18	21 40	0 52	15 27	2 31	21 39	0 28	19 35	0 27	17 34	5 51	20 51	21 8	0 29	4 1	5 44
S 25	13 13	13 42	3 0	19 59	2 39	4 29	0 7	20 9	1 19	21 39	0 52	15 26	2 31	21 39	0 28	19 35	0 27	17 34	5 50	20 50	21 8	0 27	3 59	5 44
S 26	13 33	16 57	2 1	19 49	2 31	4 11	0 12	20 1	1 21	21 39	0 52	15 25	2 31	21 39	0 28	19 35	0 27	17 34	5 50	20 50	21 7	0 25	3 58	5 44
M27	13 52	19 27	0 56	19 37	2 22	3 53	0 18	19 54	1 23	21 38	0 52	15 24	2 31	21 39	0 28	19 35	0 27	17 34	5 50	20 49	21 7	0 22	3 57	5 44
T 28	14 11	21 3	0s13	19 22	2 12	3 34	0 23	19 46	1 25	21 38	0 52	15 23	2 31	21 39	0 28	19 35	0 27	17 34	5 50	20 49	21 6	0 20	3 56	5 45
W29	14 30	21 33	1 23	19 4	2 0	3 15	0 28	19 38	1 27	21 37	0 52	15 22	2 31	21 40	0 28	19 35	0 27	17 35	5 50	20 49	21 5	0 17	3 55	5 45
T 30	14n48	20n54	2s30	18n44	1n47	2s55	0s34	19s31	1s28	21s37	0n52	15s20	2n31	21s40	0s28	19s35	0n27	17n35	5s50	20s50	21s 5	0s15	3s54	5n45

Julian Day Number = 2510439.5, Delta T = 129.71 sec
Ecliptic obliquity = 23°25'03, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°59'37, Lahiri = 26°06'37

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2161
geocentric

MAY 2161 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 36 58	10♉58'46	15♋ 8	16°R57	24♓58	9♒15	14°R 0	20°R 5	24°R32	0♒28	1♋53	3♐29	4♐47	17♓47	6♓11	F 1
S 2	14 40 55	11°57'05	28°44	16♉24	26° 0	9°51	13♐55	20♏ 1	24♑32	0°R28	1°54	3°30	4°44	17°53	6°13	S 2
S 3	14 44 51	12°55'22	12♌36	15°49	27° 2	10°28	13°49	19°56	24°32	0°28	1°55	3°R30	4°40	18° 0	6°15	S 3
M 4	14 48 48	13°53'37	26°45	15°12	28° 4	11° 4	13°44	19°52	24°31	0°28	1°56	3°30	4°37	18° 7	6°17	M 4
T 5	14 52 45	14°51'50	11♍ 7	14°34	29° 6	11°40	13°38	19°47	24°31	0°28	1°57	3°29	4°34	18°14	6°19	T 5
W 6	14 56 41	15°50'01	25°41	13°55	0♈ 9	12°16	13°32	19°43	24°31	0°28	1°58	3°27	4°31	18°20	6°21	W 6
T 7	15 0 38	16°48'09	10♎21	13°17	1°12	12°53	13°26	19°38	24°30	0°27	1°59	3°25	4°28	18°27	6°23	T 7
F 8	15 4 34	17°46'16	25° 1	12°40	2°15	13°29	13°20	19°34	24°30	0°27	2° 0	3°23	4°25	18°34	6°25	F 8
S 9	15 8 31	18°44'22	9♏35	12° 5	3°19	14° 5	13°14	19°29	24°29	0°27	2° 2	3°21	4°21	18°40	6°27	S 9
S 10	15 12 27	19°42'25	23°55	11°31	4°23	14°40	13° 7	19°25	24°29	0°27	2° 3	3°20	4°18	18°47	6°29	S 10
M11	15 16 24	20°40'27	7♐58	11° 1	5°27	15°16	13° 1	19°20	24°28	0°27	2° 4	3°D20	4°15	18°54	6°31	M11
T 12	15 20 20	21°38'28	21°39	10°34	6°31	15°52	12°54	19°16	24°28	0°26	2° 5	3°21	4°12	19° 1	6°33	T 12
W13	15 24 17	22°36'27	4♑57	10°10	7°35	16°27	12°48	19°11	24°27	0°26	2° 6	3°21	4° 9	19° 7	6°34	W13
T 14	15 28 14	23°34'24	17°52	9°51	8°40	17° 3	12°41	19° 7	24°26	0°26	2° 7	3°22	4° 5	19°14	6°36	T 14
F 15	15 32 10	24°32'21	0♒27	9°35	9°45	17°38	12°34	19° 2	24°25	0°25	2° 8	3°23	4° 2	19°21	6°38	F 15
S 16	15 36 7	25°30'16	12°45	9°24	10°50	18°13	12°27	18°58	24°25	0°25	2°10	3°24	3°59	19°27	6°39	S 16
S 17	15 40 3	26°28'09	24°51	9°18	11°55	18°48	12°20	18°53	24°24	0°24	2°11	3°R24	3°56	19°34	6°40	S 17
M18	15 44 0	27°26'02	6♓47	9°D16	13° 0	19°23	12°13	18°49	24°23	0°24	2°12	3°24	3°53	19°41	6°42	M18
T 19	15 47 56	28°23'53	18°40	9°18	14° 6	19°58	12° 6	18°44	24°22	0°23	2°13	3°24	3°50	19°48	6°43	T 19
W20	15 51 53	29°21'43	0♈33	9°26	15°11	20°33	11°59	18°40	24°21	0°23	2°14	3°23	3°46	19°54	6°44	W20
T 21	15 55 49	0♊19'32	12°31	9°37	16°17	21° 7	11°51	18°36	24°20	0°22	2°16	3°23	3°43	20° 1	6°46	T 21
F 22	15 59 46	1°17'19	24°37	9°54	17°23	21°41	11°44	18°31	24°19	0°22	2°17	3°22	3°40	20° 8	6°47	F 22
S 23	16 3 43	2°15'06	6♉54	10°14	18°29	22°16	11°36	18°27	24°17	0°21	2°18	3°22	3°37	20°14	6°48	S 23
S 24	16 7 39	3°12'51	19°24	10°39	19°36	22°50	11°29	18°23	24°16	0°20	2°20	3°D22	3°34	20°21	6°49	S 24
M25	16 11 36	4°10'35	2♊ 9	11° 8	20°42	23°24	11°21	18°18	24°15	0°20	2°21	3°R22	3°31	20°28	6°50	M25
T 26	16 15 32	5° 8'18	15° 9	11°42	21°49	23°57	11°14	18°14	24°14	0°19	2°22	3°22	3°27	20°35	6°51	T 26
W27	16 19 29	6° 6'00	28°24	12°19	22°55	24°31	11° 6	18°10	24°12	0°18	2°23	3°22	3°24	20°41	6°52	W27
T 28	16 23 25	7° 3'40	11♋53	13° 0	24° 2	25° 4	10°59	18° 6	24°11	0°17	2°25	3°22	3°21	20°48	6°53	T 28
F 29	16 27 22	8° 1'18	25°35	13°45	25° 9	25°38	10°51	18° 2	24°10	0°16	2°26	3°21	3°18	20°55	6°53	F 29
S 30	16 31 18	8°58'56	9♌28	14°33	26°16	26°11	10°44	17°58	24° 8	0°16	2°27	3°21	3°15	21° 2	6°54	S 30
S 31	16 35 15	9♊56'32	23♌30	15♉26	27♈23	26♒44	10♐36	17♏54	24♑ 7	0♒15	2♋29	3♐20	3♐11	21♓ 8	6♓55	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	15n 6	19n 5	3s30	18n22	1n33	2s35	0s39	19s23	1s30	21s36	0n52	15s19	2n31	21s40	0s28	19s35	0n27	17n35	5s49	20s50	21s 4	0s12	3s53	5n45
S 2	15 24	16 10	4 19	17 59	1 18	2 15	0 43	19 15	1 32	21 35	0 52	15 18	2 31	21 40	0 28	19 35	0 27	17 35	5 49	20 50	21 4	0 10	3 52	5 46
S 3	15 42	12 18	4 55	17 33	1 2	1 55	0 48	19 7	1 34	21 35	0 52	15 17	2 31	21 40	0 28	19 35	0 27	17 35	5 49	20 50	21 3	0 8	3 51	5 46
M 4	16 0	7 41	5 13	17 7	0 46	1 35	0 53	18 59	1 36	21 34	0 52	15 16	2 31	21 40	0 28	19 35	0 27	17 35	5 49	20 50	21 3	0 5	3 50	5 46
T 5	16 17	2 34	5 12	16 39	0 29	1 14	0 57	18 50	1 38	21 33	0 52	15 15	2 31	21 40	0 28	19 35	0 27	17 35	5 49	20 50	21 2	0 3	3 49	5 47
W 6	16 34	2s45	4 52	16 12	0 12	0 53	1 1	18 42	1 40	21 33	0 52	15 13	2 31	21 40	0 28	19 35	0 27	17 36	5 49	20 49	21 1	0 0	3 48	5 47
T 7	16 50	7 58	4 12	15 44	0s 5	0 32	1 6	18 34	1 42	21 32	0 52	15 12	2 31	21 40	0 29	19 35	0 27	17 36	5 49	20 49	21 1	0n 2	3 47	5 47
F 8	17 7	12 43	3 16	15 16	0 23	0 10	1 10	18 25	1 44	21 31	0 52	15 11	2 31	21 40	0 29	19 35	0 27	17 36	5 48	20 49	21 0	0 4	3 46	5 47
S 9	17 23	16 41	2 8	14 49	0 40	0n11	1 14	18 17	1 46	21 30	0 52	15 10	2 31	21 40	0 29	19 35	0 27	17 36	5 48	20 48	21 0	0 7	3 45	5 48
S 10	17 39	19 34	0 52	14 22	0 57	0 33	1 17	18 8	1 48	21 30	0 52	15 9	2 31	21 40	0 29	19 35	0 27	17 36	5 48	20 48	20 59	0 9	3 44	5 48
M11	17 54	21 12	0n26	13 57	1 13	0 55	1 21	18 0	1 50	21 29	0 52	15 7	2 31	21 41	0 29	19 35	0 27	17 36	5 48	20 48	20 58	0 12	3 43	5 48
T 12	18 9	21 30	1 40	13 34	1 29	1 17	1 25	17 51	1 52	21 28	0 52	15 6	2 31	21 41	0 29	19 35	0 27	17 36	5 48	20 48	20 58	0 14	3 42	5 49
W13	18 24	20 33	2 46	13 12	1 44	1 40	1 28	17 42	1 54	21 27	0 52	15 5	2 31	21 41	0 29	19 36	0 27	17 36	5 48	20 48	20 57	0 17	3 41	5 49
T 14	18 39	18 33	3 42	12 52	1 59	2 2	1 31	17 34	1 56	21 27	0 52	15 4	2 31	21 41	0 29	19 36	0 27	17 36	5 48	20 49	20 57	0 19	3 40	5 49
F 15	18 53	15 42	4 26	12 35	2 12	2 24	1 34	17 25	1 59	21 26	0 52	15 3	2 31	21 41	0 29	19 36	0 27	17 37	5 47	20 49	20 56	0 21	3 39	5 49
S 16	19 7	12 13	4 57	12 19	2 25	2 47	1 37	17 16	2 1	21 25	0 52	15 2	2 31	21 41	0 29	19 36	0 27	17 37	5 47	20 49	20 56	0 24	3 38	5 50
S 17	19 21	8 18	5 13	12 6	2 36	3 10	1 40	17 7	2 3	21 24	0 52	15 0	2 31	21 42	0 29	19 36	0 27	17 37	5 47	20 49	20 55	0 26	3 38	5 50
M18	19 34	4 7	5 16	11 56	2 47	3 33	1 43	16 58	2 5	21 23	0 51	14 59	2 31	21 42	0 29	19 36	0 27	17 37	5 47	20 49	20 54	0 29	3 37	5 50
T 19	19 47	0n13	5 6	11 47	2 56	3 56	1 46	16 50	2 7	21 22	0 51	14 58	2 30	21 42	0 29	19 36	0 27	17 37	5 47	20 49	20 54	0 31	3 36	5 51
W20	20 0	4 32	4 42	11 42	3 5	4 19	1 48	16 41	2 10	21 21	0 51	14 57	2 30	21 42	0 29	19 36	0 27	17 37	5 47	20 49	20 53	0 33	3 35	5 51
T 21	20 12	8 43	4 6	11 38	3 13	4 42	1 51	16 32	2 12	21 20	0 51	14 56	2 30	21 42	0 29	19 36	0 27	17 37	5 47	20 49	20 53	0 36	3 35	5 51
F 22	20 24	12 36	3 19	11 37	3 19	5 5	1 53	16 23	2 14	21 20	0 51	14 55	2 30	21 43	0 29	19 36	0 27	17 37	5 47	20 49	20 52	0 38	3 34	5 52
S 23	20 36	16 2	2 22	11 38	3 25	5 28	1 55	16 14	2 16	21 19	0 51	14 54	2 30	21 43	0 29	19 37	0 28	17 37	5 46	20 49	20 51	0 40	3 33	5 52
S 24	20 47	18 48	1 17	11 42	3 29	5 51	1 57	16 5	2 19	21 18	0 51	14 53	2 30	21 43	0 29	19 37	0 28	17 38	5 46	20 49	20 51	0 43	3 33	5 52
M25	20 58	20 41	0 7	11 47	3 33	6 14	1 59	15 56	2 21	21 17	0 51	14 52	2 30	21 43	0 29	19 37	0 28	17 38	5 46	20 49	20 50	0 45	3 32	5 52
T 26	21 8	21 31	1s 5	11 55	3 35	6 37	2 1	15 47	2 24	21 16	0 51	14 51	2 30	21 44	0 29	19 37	0 28	17 38	5 46	20 49	20 50	0 48	3 31	5 53
W27	21 18	21 10	2 14	12 4	3 37	7 0	2 3	15 38	2 26	21 15	0 51	14 50	2 30	21 44	0 29	19 37	0 28	17 38	5 46	20 49	20 49	0 50	3 31	5 53
T 28	21 28	19 36	3 18	12 16	3 38	7 23	2 4	15 29	2 28	21 14	0 51	14 49	2 29	21 44	0 29	19 37	0 28	17 38	5 46	20 48	20 48	0 52	3 30	5 53
F 29	21 38	16 54	4 11	12 29	3 38	7 47	2 6	15 20	2 31	21 13	0 51	14 48	2 29	21 44	0 29	19 38	0 28	17 38	5 46	20 48	20 48	0 55	3 30	5 54
S 30	21 47	13 12	4 50	12 44	3 37	8 10	2 7	15 11	2 33	21 12	0 50	14 47	2 29	21 45	0 29	19 38	0 28	17 38	5 46	20 48	20 47	0 57	3 29	5 54
S 31	21n55	8n45	5s12	13n 0	3s36	8n32	2s 8	15s 2	2s36	21s11	0n50	14s46	2n29	21s45	0s29	19s38	0n28	17n38	5s46	20s48	20s47	1n 0	3s28	5n54

Julian Day Number = 2510469.5, Delta T = 129.77 sec
Ecliptic obliquity = 23°25'02, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°59'41, Lahiri = 26°06'41

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2161
geocentric

JUNE 2161 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 39 12	10♊54'06	7♍40	16♉21	28♈31	27♒16	10°R28	17°R50	24°R 5	0°R14	2♋30	3°D20	3♐ 8	21♓15	6♓55	M 1
T 2	16 43 8	11°51'39	21°54	17°20	29°38	27°49	10♐21	17♏46	24♑ 4	0♒13	2°31	3♐20	3° 5	21°22	6°56	T 2
W 3	16 47 5	12°49'10	6♎11	18°22	0♉46	28°21	10°13	17°42	24° 2	0°12	2°33	3°21	3° 2	21°28	6°56	W 3
T 4	16 51 1	13°46'40	20°27	19°27	1°53	28°53	10° 5	17°38	24° 1	0°11	2°34	3°21	2°59	21°35	6°56	T 4
F 5	16 54 58	14°44'09	4♏39	20°36	3° 1	29°25	9°58	17°34	23°59	0°10	2°36	3°22	2°56	21°42	6°57	F 5
S 6	16 58 54	15°41'37	18°45	21°47	4° 9	29°57	9°50	17°30	23°57	0° 9	2°37	3°23	2°52	21°49	6°57	S 6
S 7	17 2 51	16°39'04	2♐40	23° 2	5°17	0♓28	9°43	17°27	23°55	0° 8	2°38	3°R23	2°49	21°55	6°57	S 7
M 8	17 6 47	17°36'29	16°22	24°19	6°25	0°59	9°35	17°23	23°54	0° 7	2°40	3°23	2°46	22° 2	6°57	M 8
T 9	17 10 44	18°33'54	29°49	25°40	7°33	1°30	9°28	17°20	23°52	0° 6	2°41	3°22	2°43	22° 9	6°58	T 9
W10	17 14 41	19°31'18	12♑57	27° 3	8°42	2° 1	9°20	17°16	23°50	0° 5	2°43	3°20	2°40	22°15	6°R58	W10
T 11	17 18 37	20°28'41	25°48	28°29	9°50	2°32	9°13	17°13	23°48	0° 4	2°44	3°18	2°37	22°22	6°58	T 11
F 12	17 22 34	21°26'04	8♒22	29°58	10°59	3° 2	9° 5	17° 9	23°46	0° 2	2°45	3°15	2°33	22°29	6°57	F 12
S 13	17 26 30	22°23'25	20°40	1♊30	12° 7	3°32	8°58	17° 6	23°44	0° 1	2°47	3°13	2°30	22°36	6°57	S 13
S 14	17 30 27	23°20'47	2♓46	3° 5	13°16	4° 2	8°51	17° 3	23°42	0° 0	2°48	3°11	2°27	22°42	6°57	S 14
M15	17 34 23	24°18'07	14°43	4°42	14°25	4°32	8°44	17° 0	23°40	29♑59	2°50	3° 9	2°24	22°49	6°57	M15
T 16	17 38 20	25°15'27	26°37	6°22	15°33	5° 1	8°37	16°57	23°38	29°58	2°51	3°D 9	2°21	22°56	6°56	T 16
W17	17 42 16	26°12'47	8♈30	8° 5	16°42	5°30	8°30	16°54	23°36	29°56	2°53	3°10	2°17	23° 2	6°56	W17
T 18	17 46 13	27°10'07	20°29	9°51	17°51	5°58	8°23	16°51	23°34	29°55	2°54	3°11	2°14	23° 9	6°56	T 18
F 19	17 50 10	28° 7'26	2♉37	11°39	19° 0	6°27	8°16	16°48	23°32	29°54	2°55	3°13	2°11	23°16	6°55	F 19
S 20	17 54 6	29° 4'45	14°59	13°30	20°10	6°55	8° 9	16°45	23°30	29°52	2°57	3°14	2° 8	23°23	6°54	S 20
S 21	17 58 3	0♋ 2'03	27°39	15°23	21°19	7°22	8° 2	16°43	23°28	29°51	2°58	3°R15	2° 5	23°29	6°54	S 21
M22	18 1 59	0°59'21	10♊37	17°19	22°28	7°50	7°56	16°40	23°26	29°50	3° 0	3°15	2° 2	23°36	6°53	M22
T 23	18 5 56	1°56'39	23°56	19°18	23°38	8°17	7°49	16°37	23°24	29°48	3° 1	3°14	1°58	23°43	6°52	T 23
W24	18 9 52	2°53'56	7♋35	21°18	24°47	8°43	7°43	16°35	23°22	29°47	3° 3	3°11	1°55	23°49	6°52	W24
T 25	18 13 49	3°51'13	21°31	23°21	25°57	9°10	7°37	16°33	23°19	29°46	3° 4	3° 7	1°52	23°56	6°51	T 25
F 26	18 17 46	4°48'30	5♌40	25°25	27° 6	9°36	7°31	16°30	23°17	29°44	3° 6	3° 2	1°49	24° 3	6°50	F 26
S 27	18 21 42	5°45'45	19°58	27°31	28°16	10° 1	7°25	16°28	23°15	29°43	3° 7	2°58	1°46	24°10	6°49	S 27
S 28	18 25 39	6°43'00	4♍20	29°39	29°26	10°26	7°19	16°26	23°13	29°41	3° 8	2°54	1°43	24°16	6°48	S 28
M29	18 29 35	7°40'15	18°41	1♋48	0♊36	10°51	7°13	16°24	23°10	29°40	3°10	2°51	1°39	24°23	6°47	M29
T 30	18 33 32	8♋37'29	2♎58	3♋58	1♊46	11♓15	7♐ 7	16♏22	23♑ 8	29♑38	3♋11	2°D50	1♐36	24♓30	6♓46	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n 3	3n48	5s16	13n18	3s33	8n55	2s 9	14s53	2s38	21s10	0n50	14s45	2n29	21s45	0s29	19s38	0n28	17n38	5s45	20s48	20s46	1n 2	3s28	5n55
T 2	22 11	1s23	5 0	13 38	3 30	9 18	2 10	14 44	2 41	21 9	0 50	14 44	2 29	21 45	0 29	19 38	0 28	17 38	5 45	20 48	20 45	1 4	3 28	5 55
W 3	22 19	6 32	4 26	13 58	3 27	9 41	2 11	14 35	2 43	21 8	0 50	14 43	2 29	21 46	0 29	19 38	0 28	17 38	5 45	20 48	20 45	1 7	3 27	5 55
T 4	22 26	11 19	3 36	14 20	3 22	10 3	2 12	14 27	2 46	21 7	0 50	14 42	2 29	21 46	0 29	19 39	0 28	17 38	5 45	20 48	20 44	1 9	3 27	5 56
F 5	22 33	15 27	2 32	14 43	3 17	10 26	2 13	14 18	2 49	21 6	0 50	14 41	2 28	21 46	0 29	19 39	0 28	17 38	5 45	20 49	20 43	1 11	3 26	5 56
S 6	22 39	18 40	1 20	15 7	3 11	10 48	2 13	14 9	2 51	21 5	0 50	14 40	2 28	21 47	0 29	19 39	0 28	17 39	5 45	20 49	20 43	1 14	3 26	5 56
S 7	22 45	20 44	0 4	15 32	3 5	11 10	2 14	14 0	2 54	21 4	0 50	14 39	2 28	21 47	0 29	19 39	0 28	17 39	5 45	20 49	20 42	1 16	3 25	5 57
M 8	22 50	21 32	1n11	15 57	2 58	11 32	2 14	13 52	2 56	21 3	0 49	14 38	2 28	21 47	0 29	19 40	0 28	17 39	5 45	20 49	20 42	1 19	3 25	5 57
T 9	22 56	21 4	2 21	16 23	2 51	11 54	2 14	13 43	2 59	21 2	0 49	14 38	2 28	21 48	0 29	19 40	0 28	17 39	5 45	20 49	20 41	1 21	3 25	5 57
W10	23 0	19 27	3 21	16 50	2 43	12 16	2 14	13 34	3 2	21 1	0 49	14 37	2 28	21 48	0 29	19 40	0 28	17 39	5 45	20 48	20 40	1 23	3 25	5 57
T 11	23 5	16 52	4 10	17 17	2 35	12 37	2 14	13 26	3 5	21 0	0 49	14 36	2 27	21 48	0 29	19 40	0 28	17 39	5 45	20 48	20 40	1 26	3 24	5 58
F 12	23 8	13 33	4 46	17 45	2 26	12 59	2 14	13 18	3 7	20 59	0 49	14 35	2 27	21 49	0 30	19 40	0 28	17 39	5 45	20 47	20 39	1 28	3 24	5 58
S 13	23 12	9 44	5 7	18 13	2 16	13 20	2 14	13 9	3 10	20 58	0 49	14 35	2 27	21 49	0 30	19 41	0 28	17 39	5 44	20 47	20 39	1 30	3 24	5 58
S 14	23 15	5 35	5 15	18 41	2 7	13 41	2 14	13 1	3 13	20 57	0 49	14 34	2 27	21 49	0 30	19 41	0 28	17 39	5 44	20 46	20 38	1 33	3 24	5 59
M15	23 18	1 16	5 9	19 9	1 57	14 1	2 13	12 53	3 16	20 56	0 48	14 33	2 27	21 50	0 30	19 41	0 28	17 39	5 44	20 46	20 37	1 35	3 23	5 59
T 16	23 20	3n 4	4 49	19 36	1 46	14 22	2 13	12 45	3 19	20 55	0 48	14 32	2 26	21 50	0 30	19 42	0 28	17 39	5 44	20 46	20 37	1 37	3 23	5 59
W17	23 22	7 18	4 17	20 4	1 36	14 42	2 12	12 37	3 21	20 55	0 48	14 32	2 26	21 51	0 30	19 42	0 28	17 39	5 44	20 46	20 36	1 40	3 23	6 0
T 18	23 23	11 18	3 34	20 31	1 25	15 2	2 12	12 29	3 24	20 54	0 48	14 31	2 26	21 51	0 30	19 42	0 28	17 39	5 44	20 46	20 35	1 42	3 23	6 0
F 19	23 24	14 53	2 40	20 57	1 14	15 21	2 11	12 21	3 27	20 53	0 48	14 31	2 26	21 51	0 30	19 42	0 28	17 39	5 44	20 47	20 35	1 44	3 23	6 0
S 20	23 25	17 53	1 39	21 22	1 2	15 40	2 10	12 13	3 30	20 52	0 48	14 30	2 26	21 52	0 30	19 43	0 28	17 39	5 44	20 47	20 34	1 47	3 23	6 1
S 21	23 25	20 7	0 31	21 46	0 51	15 59	2 9	12 5	3 33	20 51	0 47	14 29	2 25	21 52	0 30	19 43	0 28	17 39	5 44	20 47	20 33	1 49	3 23	6 1
M22	23 25	21 21	0s40	22 10	0 39	16 18	2 8	11 58	3 36	20 50	0 47	14 29	2 25	21 52	0 30	19 43	0 27	17 39	5 44	20 47	20 33	1 51	3 23	6 1
T 23	23 24	21 26	1 51	22 31	0 28	16 36	2 7	11 51	3 39	20 49	0 47	14 28	2 25	21 53	0 30	19 43	0 27	17 39	5 44	20 47	20 32	1 54	3 23	6 1
W24	23 23	20 15	2 57	22 51	0 17	16 54	2 6	11 43	3 42	20 48	0 47	14 28	2 25	21 53	0 30	19 44	0 27	17 39	5 44	20 46	20 32	1 56	3 23	6 2
T 25	23 22	17 51	3 54	23 10	0 5	17 12	2 5	11 36	3 45	20 48	0 47	14 28	2 24	21 54	0 30	19 44	0 27	17 39	5 44	20 46	20 31	1 59	3 23	6 2
F 26	23 20	14 21	4 37	23 26	0n 6	17 29	2 4	11 29	3 48	20 47	0 46	14 27	2 24	21 54	0 30	19 44	0 27	17 39	5 44	20 45	20 30	2 1	3 23	6 2
S 27	23 17	10 0	5 4	23 40	0 17	17 46	2 2	11 22	3 51	20 46	0 46	14 27	2 24	21 54	0 30	19 45	0 27	17 39	5 44	20 44	20 30	2 3	3 23	6 3
S 28	23 15	5 4	5 11	23 52	0 27	18 3	2 1	11 16	3 54	20 45	0 46	14 26	2 24	21 55	0 30	19 45	0 27	17 39	5 44	20 43	20 29	2 6	3 23	6 3
M29	23 12	0s 8	5 0	24 1	0 37	18 19	1 59	11 9	3 57	20 44	0 46	14 26	2 24	21 55	0 30	19 45	0 27	17 39	5 44	20 43	20 28	2 8	3 23	6 3
T 30	23n 8	5s18	4s30	24n 8	0n47	18n34	1s58	11s 3	4s 1	20s44	0n46	14s26	2n23	21s56	0s30	19s46	0n27	17n39	5s44	20s42	20s28	2n10	3s23	6n 3

Julian Day Number = 2510500.5, Delta T = 129.84 sec
Ecliptic obliquity = 23°25'01, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°59'45, Lahiri = 26°06'45

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2161
geocentric

JULY 2161 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 37 28	9♋34'42	17♎ 7	6♋ 8	2♊56	11♓39	7°R 2	16°R20	23°R 6	29°R37	3♋13	2♐50	1♐33	24♓36	6°R44	W 1
T 2	18 41 25	10°31'55	1♏ 8	8°19	4° 6	12° 3	6♐57	16♏19	23♑ 3	29♑35	3°14	2°51	1°30	24°43	6♓43	T 2
F 3	18 45 21	11°29'08	14°59	10°30	5°16	12°26	6°51	16°17	23° 1	29°34	3°16	2°52	1°27	24°50	6°42	F 3
S 4	18 49 18	12°26'20	28°39	12°41	6°26	12°49	6°46	16°16	22°59	29°32	3°17	2°R53	1°23	24°57	6°40	S 4
S 5	18 53 15	13°23'32	12♐ 9	14°51	7°36	13°11	6°42	16°14	22°56	29°31	3°19	2°53	1°20	25° 3	6°39	S 5
M 6	18 57 11	14°20'44	25°27	17° 1	8°46	13°33	6°37	16°13	22°54	29°29	3°20	2°51	1°17	25°10	6°38	M 6
T 7	19 1 8	15°17'55	8♑32	19°10	9°57	13°54	6°32	16°11	22°52	29°28	3°21	2°47	1°14	25°17	6°36	T 7
W 8	19 5 4	16°15'07	21°25	21°17	11° 7	14°15	6°28	16°10	22°49	29°26	3°23	2°41	1°11	25°23	6°34	W 8
T 9	19 9 1	17°12'18	4♒ 4	23°24	12°18	14°35	6°23	16° 9	22°47	29°25	3°24	2°33	1° 8	25°30	6°33	T 9
F 10	19 12 57	18° 9'29	16°30	25°29	13°28	14°55	6°19	16° 8	22°44	29°23	3°26	2°25	1° 4	25°37	6°31	F 10
S 11	19 16 54	19° 6'41	28°44	27°32	14°39	15°14	6°15	16° 7	22°42	29°21	3°27	2°17	1° 1	25°44	6°29	S 11
S 12	19 20 50	20° 3'53	10♓47	29°34	15°49	15°33	6°12	16° 6	22°40	29°20	3°28	2°10	0°58	25°50	6°28	S 12
M13	19 24 47	21° 1'05	22°43	1♌34	17° 0	15°51	6° 8	16° 6	22°37	29°18	3°30	2° 5	0°55	25°57	6°26	M13
T 14	19 28 44	21°58'18	4♈35	3°33	18°11	16° 8	6° 4	16° 5	22°35	29°17	3°31	2° 1	0°52	26° 4	6°24	T 14
W15	19 32 40	22°55'31	16°27	5°29	19°22	16°25	6° 1	16° 5	22°32	29°15	3°33	1°59	0°49	26°10	6°22	W15
T 16	19 36 37	23°52'45	28°25	7°24	20°33	16°42	5°58	16° 4	22°30	29°13	3°34	1°D59	0°45	26°17	6°20	T 16
F 17	19 40 33	24°49'59	10♉32	9°17	21°44	16°57	5°55	16° 4	22°27	29°12	3°35	2° 0	0°42	26°24	6°18	F 17
S 18	19 44 30	25°47'14	22°55	11° 8	22°55	17°13	5°52	16° 4	22°25	29°10	3°37	2° 1	0°39	26°30	6°16	S 18
S 19	19 48 26	26°44'29	5♊37	12°57	24° 6	17°27	5°50	16° 4	22°23	29° 8	3°38	2°R 1	0°36	26°37	6°14	S 19
M20	19 52 23	27°41'46	18°43	14°45	25°17	17°41	5°47	16°D 4	22°20	29° 7	3°39	2° 0	0°33	26°44	6°12	M20
T 21	19 56 19	28°39'02	2♋14	16°30	26°28	17°54	5°45	16° 4	22°18	29° 5	3°41	1°56	0°29	26°51	6°10	T 21
W22	20 0 16	29°36'19	16°10	18°14	27°39	18° 7	5°43	16° 4	22°15	29° 4	3°42	1°51	0°26	26°57	6° 7	W22
T 23	20 4 13	0♌33'37	0♌29	19°56	28°51	18°19	5°41	16° 4	22°13	29° 2	3°43	1°43	0°23	27° 4	6° 5	T 23
F 24	20 8 9	1°30'55	15° 4	21°35	0♋ 2	18°30	5°39	16° 4	22°11	29° 0	3°45	1°34	0°20	27°11	6° 3	F 24
S 25	20 12 6	2°28'14	29°49	23°14	1°14	18°40	5°38	16° 5	22° 8	28°59	3°46	1°25	0°17	27°17	6° 1	S 25
S 26	20 16 2	3°25'33	14♍35	24°50	2°25	18°50	5°36	16° 5	22° 6	28°57	3°47	1°17	0°14	27°24	5°58	S 26
M27	20 19 59	4°22'52	29°16	26°24	3°37	18°59	5°35	16° 6	22° 4	28°55	3°49	1°11	0°10	27°31	5°56	M27
T 28	20 23 55	5°20'12	13♎44	27°57	4°48	19° 7	5°34	16° 7	22° 1	28°54	3°50	1° 7	0° 7	27°38	5°53	T 28
W29	20 27 52	6°17'32	27°57	29°27	6° 0	19°14	5°33	16° 8	21°59	28°52	3°51	1° 5	0° 4	27°44	5°51	W29
T 30	20 31 48	7°14'52	11♏54	0♍56	7°12	19°21	5°33	16° 9	21°57	28°51	3°52	1°D 5	0° 1	27°51	5°48	T 30
F 31	20 35 45	8♌12'13	25♏33	2♍23	8♋23	19♓27	5♐32	16♏10	21♑54	28♑49	3♋54	1°R 5	29♏58	27♓58	5♓46	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23n 4	10s 9	3s43	24n12	0n56	18n50	1s56	10s56	4s 4	20s43	0n46	14s25	2n23	21s56	0s30	19s46	0n27	17n39	5s43	20s42	20s27	2n13	3s24	6n 4
T 2	23 0	14 25	2 44	24 13	1 4	19 4	1 54	10 50	4 7	20 42	0 45	14 25	2 23	21 56	0 30	19 46	0 27	17 39	5 43	20 43	20 26	2 15	3 24	6 4
F 3	22 55	17 51	1 36	24 12	1 12	19 19	1 52	10 44	4 10	20 42	0 45	14 25	2 23	21 57	0 30	19 47	0 27	17 39	5 43	20 43	20 26	2 17	3 24	6 4
S 4	22 50	20 13	0 23	24 8	1 19	19 33	1 51	10 38	4 13	20 41	0 45	14 25	2 22	21 57	0 30	19 47	0 27	17 39	5 43	20 43	20 25	2 20	3 24	6 4
S 5	22 45	21 24	0n50	24 1	1 26	19 46	1 49	10 33	4 16	20 40	0 45	14 25	2 22	21 58	0 30	19 47	0 27	17 39	5 43	20 43	20 25	2 22	3 24	6 5
M 6	22 39	21 21	1 59	23 51	1 31	19 59	1 47	10 27	4 20	20 40	0 45	14 24	2 22	21 58	0 30	19 48	0 27	17 39	5 43	20 43	20 24	2 24	3 25	6 5
T 7	22 32	20 8	3 1	23 38	1 36	20 12	1 45	10 22	4 23	20 39	0 44	14 24	2 22	21 58	0 30	19 48	0 27	17 39	5 43	20 42	20 23	2 26	3 25	6 5
W 8	22 26	17 54	3 52	23 23	1 41	20 24	1 43	10 17	4 26	20 39	0 44	14 24	2 21	21 59	0 30	19 48	0 27	17 39	5 43	20 41	20 23	2 29	3 25	6 6
T 9	22 19	14 50	4 31	23 6	1 44	20 35	1 40	10 12	4 29	20 38	0 44	14 24	2 21	21 59	0 30	19 49	0 27	17 39	5 43	20 39	20 22	2 31	3 26	6 6
F 10	22 11	11 10	4 56	22 46	1 47	20 46	1 38	10 8	4 33	20 38	0 44	14 24	2 21	22 0	0 30	19 49	0 27	17 39	5 43	20 38	20 21	2 33	3 26	6 6
S 11	22 3	7 6	5 7	22 25	1 49	20 57	1 36	10 3	4 36	20 37	0 43	14 24	2 21	22 0	0 30	19 49	0 27	17 39	5 43	20 36	20 21	2 36	3 27	6 6
S 12	21 55	2 49	5 4	22 1	1 50	21 7	1 34	9 59	4 39	20 37	0 43	14 24	2 20	22 0	0 30	19 50	0 27	17 39	5 43	20 35	20 20	2 38	3 27	6 6
M13	21 47	1n31	4 48	21 35	1 50	21 16	1 31	9 55	4 42	20 36	0 43	14 24	2 20	22 1	0 30	19 50	0 27	17 39	5 43	20 33	20 19	2 40	3 27	6 7
T 14	21 38	5 47	4 20	21 8	1 50	21 25	1 29	9 51	4 46	20 36	0 43	14 24	2 20	22 1	0 30	19 50	0 27	17 39	5 43	20 33	20 19	2 43	3 28	6 7
W15	21 28	9 51	3 40	20 39	1 50	21 33	1 26	9 47	4 49	20 35	0 43	14 24	2 20	22 2	0 30	19 51	0 27	17 39	5 43	20 32	20 18	2 45	3 28	6 7
T 16	21 19	13 33	2 51	20 9	1 48	21 41	1 24	9 44	4 52	20 35	0 42	14 24	2 19	22 2	0 30	19 51	0 27	17 39	5 43	20 32	20 17	2 47	3 29	6 7
F 17	21 8	16 45	1 53	19 37	1 46	21 48	1 21	9 41	4 56	20 35	0 42	14 25	2 19	22 2	0 30	19 51	0 27	17 39	5 43	20 33	20 17	2 50	3 29	6 8
S 18	20 58	19 16	0 49	19 4	1 43	21 55	1 19	9 38	4 59	20 35	0 42	14 25	2 19	22 3	0 30	19 52	0 27	17 39	5 43	20 33	20 16	2 52	3 30	6 8
S 19	20 47	20 54	0s19	18 30	1 40	22 1	1 16	9 35	5 2	20 34	0 42	14 25	2 18	22 3	0 30	19 52	0 27	17 39	5 43	20 33	20 15	2 54	3 31	6 8
M20	20 36	21 28	1 28	17 56	1 36	22 6	1 14	9 33	5 5	20 34	0 42	14 25	2 18	22 4	0 30	19 52	0 27	17 39	5 43	20 33	20 15	2 57	3 31	6 8
T 21	20 25	20 49	2 34	17 20	1 32	22 11	1 11	9 31	5 9	20 34	0 41	14 26	2 18	22 4	0 30	19 53	0 27	17 39	5 43	20 32	20 14	2 59	3 32	6 8
W22	20 13	18 54	3 33	16 44	1 27	22 16	1 8	9 29	5 12	20 34	0 41	14 26	2 18	22 4	0 30	19 53	0 27	17 39	5 43	20 31	20 13	3 1	3 32	6 9
T 23	20 1	15 47	4 20	16 7	1 22	22 19	1 6	9 27	5 15	20 34	0 41	14 26	2 17	22 5	0 30	19 53	0 27	17 39	5 43	20 29	20 13	3 3	3 33	6 9
F 24	19 48	11 39	4 52	15 29	1 16	22 22	1 3	9 26	5 18	20 34	0 41	14 27	2 17	22 5	0 30	19 54	0 27	17 39	5 43	20 27	20 12	3 6	3 34	6 9
S 25	19 35	6 47	5 4	14 51	1 9	22 25	1 0	9 24	5 22	20 34	0 40	14 27	2 17	22 6	0 30	19 54	0 27	17 39	5 43	20 26	20 11	3 8	3 34	6 9
S 26	19 22	1 31	4 56	14 13	1 3	22 26	0 57	9 24	5 25	20 34	0 40	14 27	2 17	22 6	0 30	19 54	0 27	17 39	5 43	20 24	20 11	3 10	3 35	6 9
M27	19 9	3s49	4 29	13 35	0 56	22 28	0 54	9 23	5 28	20 34	0 40	14 28	2 16	22 6	0 30	19 55	0 27	17 39	5 43	20 23	20 10	3 13	3 36	6 9
T 28	18 55	8 52	3 44	12 56	0 48	22 28	0 52	9 23	5 31	20 34	0 40	14 28	2 16	22 7	0 30	19 55	0 27	17 39	5 43	20 22	20 9	3 15	3 37	6 9
W29	18 41	13 20	2 47	12 17	0 41	22 28	0 49	9 22	5 34	20 34	0 40	14 29	2 16	22 7	0 30	19 55	0 27	17 39	5 43	20 21	20 9	3 17	3 37	6 10
T 30	18 27	16 59	1 40	11 38	0 32	22 27	0 46	9 23	5 37	20 34	0 39	14 29	2 16	22 8	0 30	19 56	0 27	17 38	5 43	20 21	20 8	3 19	3 38	6 10
F 31	18n12	19s36	0s29	10n59	0n24	22n26	0s43	9s23	5s40	20s34	0n39	14s30	2n15	22s 8	0s30	19s56	0n27	17n38	5s43	20s21	20s 7	3n22	3s39	6n10

Julian Day Number = 2510530.5, Delta T = 129.90 sec
Ecliptic obliquity = 23°25'01, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°59'49, Lahiri = 26°06'50

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2161
geocentric

AUGUST 2161 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 39 42	9♌ 9'35	8♐56	3♍48	9♋35	19♓32	5°R32	16♏11	21°R52	28°R47	3♋55	1°R 5	29♏55	28♓ 4	5°R43	S 1
S 2	20 43 38	10° 6'57	22° 6	5°11	10°47	19°37	5°D32	16°12	21♑50	28♑46	3°56	1♐ 3	29°51	28°11	5♓41	S 2
M 3	20 47 35	11° 4'19	5♑ 2	6°32	11°59	19°40	5♐32	16°14	21°48	28°44	3°57	0°59	29°48	28°18	5°38	M 3
T 4	20 51 31	12° 1'42	17°48	7°51	13°11	19°43	5°32	16°15	21°45	28°43	3°58	0°52	29°45	28°24	5°35	T 4
W 5	20 55 28	12°59'06	0♒23	9° 8	14°23	19°45	5°33	16°16	21°43	28°41	4° 0	0°43	29°42	28°31	5°33	W 5
T 6	20 59 24	13°56'31	12°47	10°23	15°35	19°47	5°34	16°18	21°41	28°40	4° 1	0°31	29°39	28°38	5°30	T 6
F 7	21 3 21	14°53'56	25° 3	11°35	16°47	19°R47	5°34	16°20	21°39	28°38	4° 2	0°18	29°35	28°45	5°27	F 7
S 8	21 7 17	15°51'23	7♓ 9	12°45	17°59	19°47	5°35	16°22	21°37	28°37	4° 3	0° 5	29°32	28°51	5°24	S 8
S 9	21 11 14	16°48'50	19° 8	13°53	19°11	19°46	5°37	16°24	21°35	28°35	4° 4	29♏54	29°29	28°58	5°22	S 9
M10	21 15 11	17°46'19	1♈ 0	14°59	20°24	19°44	5°38	16°26	21°32	28°33	4° 5	29°44	29°26	29° 5	5°19	M10
T 11	21 19 7	18°43'49	12°50	16° 2	21°36	19°41	5°40	16°28	21°30	28°32	4° 6	29°37	29°23	29°11	5°16	T 11
W12	21 23 4	19°41'20	24°41	17° 3	22°48	19°38	5°41	16°30	21°28	28°30	4° 7	29°32	29°20	29°18	5°13	W12
T 13	21 27 0	20°38'53	6♉36	18° 0	24° 1	19°33	5°43	16°32	21°26	28°29	4° 9	29°30	29°16	29°25	5°10	T 13
F 14	21 30 57	21°36'27	18°42	18°55	25°13	19°28	5°45	16°34	21°24	28°28	4°10	29°D29	29°13	29°32	5° 7	F 14
S 15	21 34 53	22°34'02	1♊ 2	19°47	26°26	19°22	5°48	16°37	21°22	28°26	4°11	29°R29	29°10	29°38	5° 4	S 15
S 16	21 38 50	23°31'39	13°42	20°36	27°39	19°16	5°50	16°40	21°20	28°25	4°12	29°29	29° 7	29°45	5° 1	S 16
M17	21 42 46	24°29'17	26°48	21°21	28°51	19° 8	5°53	16°42	21°19	28°23	4°13	29°27	29° 4	29°52	4°58	M17
T 18	21 46 43	25°26'57	10♋21	22° 3	0♌ 4	19° 0	5°56	16°45	21°17	28°22	4°14	29°22	29° 0	29°58	4°56	T 18
W19	21 50 40	26°24'38	24°24	22°41	1°17	18°51	5°59	16°48	21°15	28°20	4°15	29°15	28°57	0♈ 5	4°53	W19
T 20	21 54 36	27°22'21	8♌53	23°15	2°30	18°41	6° 2	16°51	21°13	28°19	4°16	29° 6	28°54	0°12	4°50	T 20
F 21	21 58 33	28°20'05	23°45	23°45	3°42	18°31	6° 5	16°54	21°11	28°18	4°16	28°55	28°51	0°18	4°47	F 21
S 22	22 2 29	29°17'50	8♍50	24°11	4°55	18°20	6° 9	16°57	21°10	28°16	4°17	28°44	28°48	0°25	4°44	S 22
S 23	22 6 26	0♍15'37	23°58	24°32	6° 8	18° 9	6°12	17° 0	21° 8	28°15	4°18	28°34	28°45	0°32	4°41	S 23
M24	22 10 22	1°13'25	8♎59	24°49	7°21	17°57	6°16	17° 3	21° 6	28°14	4°19	28°26	28°41	0°39	4°38	M24
T 25	22 14 19	2°11'14	23°45	25° 0	8°34	17°44	6°20	17° 6	21° 5	28°12	4°20	28°20	28°38	0°45	4°35	T 25
W26	22 18 15	3° 9'04	8♏10	25° 5	9°47	17°31	6°24	17°10	21° 3	28°11	4°21	28°17	28°35	0°52	4°32	W26
T 27	22 22 12	4° 6'55	22°11	25°R 6	11° 1	17°17	6°29	17°13	21° 1	28°10	4°22	28°17	28°32	0°59	4°29	T 27
F 28	22 26 9	5° 4'48	5♐50	25° 0	12°14	17° 3	6°33	17°17	21° 0	28° 9	4°22	28°17	28°29	1° 5	4°26	F 28
S 29	22 30 5	6° 2'42	19° 7	24°49	13°27	16°48	6°38	17°21	20°58	28° 8	4°23	28°16	28°26	1°12	4°23	S 29
S 30	22 34 2	7° 0'37	2♑ 6	24°31	14°40	16°34	6°43	17°24	20°57	28° 6	4°24	28°14	28°22	1°19	4°20	S 30
M31	22 37 58	7♍58'33	14♑49	24♍ 8	15♌54	16♓18	6♐48	17♏28	20♑56	28♑ 5	4♋25	28♏10	28♏19	1♈25	4♓17	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n57	21s 5	0n42	10n21	0n15	22n24	0s40	9s24	5s43	20s34	0n39	14s30	2n15	22s 8	0s30	19s56	0n27	17n38	5s43	20s21	20s 7	3n24	3s40	6n10
S 2	17 42	21 22	1 49	9 42	0 6	22 22	0 37	9 25	5 46	20 34	0 39	14 31	2 15	22 9	0 30	19 57	0 27	17 38	5 43	20 21	20 6	3 26	3 41	6 10
M 3	17 26	20 30	2 50	9 3	0s 3	22 18	0 34	9 26	5 49	20 35	0 38	14 32	2 15	22 9	0 30	19 57	0 27	17 38	5 43	20 20	20 5	3 29	3 41	6 10
T 4	17 10	18 35	3 41	8 25	0 13	22 15	0 31	9 27	5 52	20 35	0 38	14 32	2 14	22 9	0 30	19 57	0 27	17 38	5 43	20 19	20 5	3 31	3 42	6 10
W 5	16 54	15 49	4 20	7 47	0 23	22 10	0 29	9 29	5 54	20 35	0 38	14 33	2 14	22 10	0 30	19 58	0 27	17 38	5 43	20 17	20 4	3 33	3 43	6 10
T 6	16 38	12 22	4 47	7 10	0 33	22 5	0 26	9 31	5 57	20 35	0 38	14 34	2 14	22 10	0 30	19 58	0 27	17 38	5 43	20 14	20 3	3 35	3 44	6 11
F 7	16 21	8 27	5 0	6 33	0 43	21 59	0 23	9 33	6 0	20 36	0 38	14 34	2 13	22 10	0 30	19 58	0 27	17 38	5 44	20 12	20 3	3 38	3 45	6 11
S 8	16 4	4 15	4 59	5 57	0 53	21 53	0 20	9 35	6 2	20 36	0 37	14 35	2 13	22 11	0 30	19 59	0 27	17 38	5 44	20 9	20 2	3 40	3 46	6 11
S 9	15 47	0n 4	4 44	5 21	1 4	21 46	0 17	9 38	6 4	20 37	0 37	14 36	2 13	22 11	0 30	19 59	0 27	17 38	5 44	20 7	20 1	3 42	3 47	6 11
M10	15 30	4 21	4 18	4 46	1 14	21 38	0 14	9 41	6 7	20 37	0 37	14 37	2 13	22 11	0 30	19 59	0 27	17 38	5 44	20 4	20 1	3 44	3 48	6 11
T 11	15 12	8 27	3 40	4 12	1 25	21 30	0 11	9 44	6 9	20 38	0 37	14 38	2 12	22 12	0 30	20 0	0 27	17 38	5 44	20 3	20 0	3 47	3 49	6 11
W12	14 54	12 14	2 53	3 38	1 36	21 21	0 8	9 47	6 11	20 38	0 37	14 38	2 12	22 12	0 30	20 0	0 27	17 38	5 44	20 2	19 59	3 49	3 50	6 11
T 13	14 36	15 34	1 58	3 6	1 47	21 12	0 6	9 51	6 13	20 39	0 36	14 39	2 12	22 12	0 30	20 0	0 27	17 38	5 44	20 1	19 59	3 51	3 51	6 11
F 14	14 17	18 17	0 57	2 34	1 58	21 2	0 3	9 55	6 15	20 39	0 36	14 40	2 12	22 13	0 30	20 1	0 27	17 37	5 44	20 1	19 58	3 53	3 52	6 11
S 15	13 59	20 13	0s 8	2 4	2 9	20 51	0n 0	9 59	6 17	20 40	0 36	14 41	2 11	22 13	0 30	20 1	0 27	17 37	5 44	20 1	19 57	3 56	3 53	6 11
S 16	13 40	21 11	1 15	1 34	2 20	20 40	0 3	10 3	6 19	20 40	0 36	14 42	2 11	22 13	0 30	20 1	0 27	17 37	5 44	20 1	19 56	3 58	3 54	6 11
M17	13 21	21 4	2 19	1 7	2 31	20 28	0 6	10 7	6 20	20 41	0 35	14 43	2 11	22 13	0 30	20 2	0 27	17 37	5 44	20 1	19 56	4 0	3 55	6 11
T 18	13 2	19 43	3 18	0 40	2 42	20 15	0 8	10 12	6 22	20 42	0 35	14 44	2 11	22 14	0 30	20 2	0 27	17 37	5 44	20 0	19 55	4 2	3 56	6 11
W19	12 42	17 10	4 7	0 15	2 53	20 2	0 11	10 16	6 23	20 43	0 35	14 45	2 10	22 14	0 30	20 2	0 27	17 37	5 44	19 58	19 54	4 5	3 57	6 11
T 20	12 22	13 29	4 42	0s 8	3 3	19 49	0 14	10 21	6 24	20 43	0 35	14 46	2 10	22 14	0 30	20 2	0 27	17 37	5 44	19 56	19 54	4 7	3 58	6 11
F 21	12 3	8 53	4 59	0 29	3 14	19 34	0 16	10 26	6 25	20 44	0 35	14 47	2 10	22 15	0 30	20 3	0 27	17 37	5 44	19 54	19 53	4 9	3 59	6 11
S 22	11 42	3 41	4 56	0 49	3 24	19 20	0 19	10 31	6 26	20 45	0 34	14 48	2 10	22 15	0 30	20 3	0 27	17 37	5 44	19 52	19 52	4 11	4 0	6 11
S 23	11 22	1s46	4 32	1 6	3 34	19 4	0 22	10 36	6 26	20 46	0 34	14 50	2 9	22 15	0 30	20 3	0 27	17 37	5 44	19 49	19 52	4 14	4 1	6 11
M24	11 2	7 4	3 49	1 21	3 43	18 48	0 24	10 42	6 27	20 47	0 34	14 51	2 9	22 15	0 30	20 4	0 27	17 37	5 44	19 47	19 51	4 16	4 2	6 11
T 25	10 41	11 52	2 52	1 33	3 52	18 32	0 27	10 47	6 27	20 47	0 34	14 52	2 9	22 16	0 30	20 4	0 27	17 37	5 44	19 46	19 50	4 18	4 4	6 11
W26	10 20	15 51	1 44	1 43	4 0	18 15	0 29	10 52	6 27	20 48	0 34	14 53	2 9	22 16	0 30	20 4	0 27	17 36	5 44	19 46	19 50	4 20	4 5	6 11
T 27	9 59	18 49	0 32	1 50	4 7	17 58	0 32	10 57	6 27	20 49	0 33	14 54	2 9	22 16	0 30	20 4	0 27	17 36	5 45	19 45	19 49	4 23	4 6	6 11
F 28	9 38	20 36	0n40	1 54	4 14	17 40	0 34	11 3	6 27	20 50	0 33	14 55	2 8	22 16	0 30	20 5	0 27	17 36	5 45	19 45	19 48	4 25	4 7	6 11
S 29	9 17	21 11	1 48	1 55	4 20	17 21	0 37	11 8	6 27	20 51	0 33	14 57	2 8	22 16	0 30	20 5	0 27	17 36	5 45	19 45	19 47	4 27	4 8	6 11
S 30	8 56	20 35	2 49	1 52	4 24	17 2	0 39	11 13	6 26	20 52	0 33	14 58	2 8	22 17	0 30	20 5	0 27	17 36	5 45	19 45	19 47	4 29	4 9	6 11
M31	8n34	18s57	3n40	1s46	4s28	16n43	0n41	11s19	6s25	20s53	0n33	14s59	2n 8	22s17	0s30	20s 5	0n27	17n36	5s45	19s44	19s46	4n31	4s10	6n11

Julian Day Number = 2510561.5, Delta T = 129.96 sec
Ecliptic obliquity = 23°25'01, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°59'53, Lahiri = 26°06'54

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2161
geocentric

SEPTEMBER 2161 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 41 55	8♍56'31	27♉20	23°R39	17♌ 7	16°R 3	6♐53	17♏32	20°R54	28°R 4	4♋26	28°R 3	28♏16	1♈32	4°R14	T 1
W 2	22 45 51	9°54'30	9♒40	23♍ 3	18°20	15♓47	6°58	17°36	20♉53	28♉ 3	4°26	27♏53	28°13	1°39	4♓11	W 2
T 3	22 49 48	10°52'31	21°52	22°23	19°34	15°31	7° 4	17°40	20°52	28° 2	4°27	27°41	28°10	1°46	4° 8	T 3
F 4	22 53 44	11°50'33	3♓56	21°37	20°47	15°15	7° 9	17°44	20°50	28° 1	4°28	27°27	28° 6	1°52	4° 5	F 4
S 5	22 57 41	12°48'36	15°55	20°47	22° 1	14°59	7°15	17°49	20°49	28° 0	4°28	27°14	28° 3	1°59	4° 2	S 5
S 6	23 1 37	13°46'41	27°49	19°53	23°14	14°43	7°21	17°53	20°48	27°59	4°29	27° 2	28° 0	2° 6	3°59	S 6
M 7	23 5 34	14°44'48	9♈39	18°56	24°28	14°27	7°27	17°57	20°47	27°58	4°30	26°52	27°57	2°12	3°56	M 7
T 8	23 9 31	15°42'57	21°29	17°58	25°42	14°11	7°33	18° 2	20°46	27°57	4°30	26°44	27°54	2°19	3°53	T 8
W 9	23 13 27	16°41'08	3♉20	16°59	26°55	13°55	7°40	18° 6	20°45	27°56	4°31	26°39	27°51	2°26	3°50	W 9
T 10	23 17 24	17°39'20	15°16	16° 1	28° 9	13°39	7°46	18°11	20°44	27°55	4°31	26°36	27°47	2°32	3°47	T 10
F 11	23 21 20	18°37'35	27°21	15° 5	29°23	13°23	7°53	18°15	20°43	27°54	4°32	26°D36	27°44	2°39	3°44	F 11
S 12	23 25 17	19°35'52	9♊39	14°12	0♍37	13° 8	8° 0	18°20	20°42	27°53	4°32	26°36	27°41	2°46	3°41	S 12
S 13	23 29 13	20°34'10	22°17	13°25	1°51	12°52	8° 7	18°25	20°41	27°52	4°33	26°R36	27°38	2°53	3°38	S 13
M14	23 33 10	21°32'31	5♋18	12°43	3° 5	12°37	8°14	18°30	20°40	27°52	4°33	26°36	27°35	2°59	3°36	M14
T 15	23 37 6	22°30'54	18°46	12° 8	4°19	12°23	8°21	18°35	20°40	27°51	4°34	26°33	27°32	3° 6	3°33	T 15
W16	23 41 3	23°29'19	2♌44	11°41	5°33	12° 9	8°29	18°40	20°39	27°50	4°34	26°28	27°28	3°13	3°30	W16
T 17	23 45 0	24°27'46	17°11	11°22	6°47	11°55	8°36	18°45	20°38	27°49	4°35	26°20	27°25	3°19	3°27	T 17
F 18	23 48 56	25°26'16	2♍ 3	11°13	8° 1	11°42	8°44	18°50	20°38	27°49	4°35	26°12	27°22	3°26	3°25	F 18
S 19	23 52 53	26°24'47	17°13	11°D13	9°15	11°29	8°52	18°55	20°37	27°48	4°35	26° 3	27°19	3°33	3°22	S 19
S 20	23 56 49	27°23'20	2♎30	11°22	10°29	11°17	8°59	19° 0	20°37	27°47	4°36	25°54	27°16	3°39	3°19	S 20
M21	0 0 46	28°21'55	17°45	11°41	11°44	11° 5	9° 7	19° 6	20°36	27°47	4°36	25°47	27°12	3°46	3°17	M21
T 22	0 4 42	29°20'31	2♏45	12° 9	12°58	10°54	9°16	19°11	20°36	27°46	4°36	25°43	27° 9	3°53	3°14	T 22
W23	0 8 39	0♎19'10	17°24	12°47	14°12	10°43	9°24	19°17	20°35	27°46	4°36	25°41	27° 6	3°59	3°11	W23
T 24	0 12 35	1°17'50	1♐37	13°32	15°26	10°34	9°32	19°22	20°35	27°45	4°37	25°D41	27° 3	4° 6	3° 9	T 24
F 25	0 16 32	2°16'32	15°24	14°26	16°41	10°25	9°41	19°28	20°35	27°45	4°37	25°42	27° 0	4°13	3° 6	F 25
S 26	0 20 29	3°15'16	28°45	15°28	17°55	10°16	9°50	19°33	20°35	27°44	4°37	25°R43	26°57	4°20	3° 4	S 26
S 27	0 24 25	4°14'01	11♑42	16°36	19°10	10° 9	9°58	19°39	20°35	27°44	4°37	25°42	26°53	4°26	3° 1	S 27
M28	0 28 22	5°12'48	24°21	17°51	20°24	10° 2	10° 7	19°45	20°34	27°43	4°37	25°40	26°50	4°33	2°59	M28
T 29	0 32 18	6°11'37	6♒44	19°11	21°38	9°56	10°16	19°51	20°34	27°43	4°38	25°36	26°47	4°40	2°57	T 29
W30	0 36 15	7♎10'27	18♒56	20♍37	22♍53	9♓51	10♐25	19♏56	20°D34	27♉43	4♋38	25♏30	26♏44	4♈46	2♓54	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n13	16s26	4n19	1s36	4s30	16n23	0n44	11s24	6s24	20s54	0n32	15s 1	2n 7	22s17	0s30	20s 6	0n27	17n36	5s45	19s42	19s45	4n34	4s11	6n11
W 2	7 51	13 13	4 46	1 23	4 30	16 3	0 46	11 29	6 23	20 55	0 32	15 2	2 7	22 17	0 30	20 6	0 27	17 36	5 45	19 40	19 45	4 36	4 13	6 10
T 3	7 29	9 29	4 59	1 6	4 29	15 42	0 48	11 34	6 22	20 57	0 32	15 3	2 7	22 17	0 30	20 6	0 27	17 36	5 45	19 37	19 44	4 38	4 14	6 10
F 4	7 7	5 25	4 59	0 45	4 26	15 21	0 50	11 38	6 20	20 58	0 32	15 5	2 7	22 18	0 30	20 6	0 27	17 36	5 45	19 34	19 43	4 40	4 15	6 10
S 5	6 45	1 10	4 45	0 21	4 22	14 59	0 52	11 43	6 18	20 59	0 32	15 6	2 6	22 18	0 30	20 7	0 27	17 36	5 45	19 31	19 43	4 42	4 16	6 10
S 6	6 22	3n 6	4 19	0n 6	4 15	14 37	0 54	11 48	6 16	21 0	0 31	15 7	2 6	22 18	0 30	20 7	0 27	17 35	5 45	19 29	19 42	4 45	4 17	6 10
M 7	6 0	7 13	3 42	0 36	4 6	14 14	0 56	11 52	6 14	21 1	0 31	15 9	2 6	22 18	0 30	20 7	0 26	17 35	5 45	19 26	19 41	4 47	4 18	6 10
T 8	5 38	11 4	2 55	1 8	3 56	13 51	0 58	11 56	6 12	21 2	0 31	15 10	2 6	22 18	0 30	20 7	0 26	17 35	5 45	19 24	19 40	4 49	4 20	6 10
W 9	5 15	14 30	2 0	1 42	3 44	13 28	1 0	12 0	6 10	21 4	0 31	15 12	2 6	22 18	0 30	20 7	0 26	17 35	5 45	19 23	19 40	4 51	4 21	6 10
T 10	4 52	17 21	1 0	2 17	3 30	13 4	1 2	12 4	6 7	21 5	0 31	15 13	2 5	22 19	0 30	20 8	0 26	17 35	5 45	19 23	19 39	4 54	4 22	6 9
F 11	4 30	19 29	0s 4	2 53	3 14	12 40	1 4	12 7	6 4	21 6	0 31	15 15	2 5	22 19	0 30	20 8	0 26	17 35	5 46	19 23	19 38	4 56	4 23	6 9
S 12	4 7	20 44	1 9	3 29	2 57	12 16	1 5	12 11	6 1	21 7	0 30	15 16	2 5	22 19	0 30	20 8	0 26	17 35	5 46	19 23	19 38	4 58	4 24	6 9
S 13	3 44	20 59	2 12	4 4	2 39	11 51	1 7	12 14	5 58	21 9	0 30	15 18	2 5	22 19	0 30	20 8	0 26	17 35	5 46	19 23	19 37	5 0	4 25	6 9
M14	3 21	20 8	3 11	4 37	2 20	11 26	1 9	12 17	5 55	21 10	0 30	15 19	2 5	22 19	0 30	20 8	0 26	17 35	5 46	19 23	19 36	5 2	4 27	6 9
T 15	2 58	18 7	4 1	5 9	2 1	11 1	1 10	12 19	5 52	21 11	0 30	15 21	2 4	22 19	0 30	20 9	0 26	17 35	5 46	19 22	19 35	5 4	4 28	6 9
W16	2 35	15 0	4 39	5 37	1 41	10 35	1 12	12 21	5 48	21 13	0 30	15 22	2 4	22 19	0 30	20 9	0 26	17 35	5 46	19 21	19 35	5 7	4 29	6 8
T 17	2 12	10 54	5 1	6 2	1 21	10 9	1 13	12 23	5 44	21 14	0 29	15 24	2 4	22 19	0 30	20 9	0 26	17 34	5 46	19 19	19 34	5 9	4 30	6 8
F 18	1 49	6 1	5 3	6 24	1 2	9 42	1 14	12 25	5 40	21 15	0 29	15 25	2 4	22 19	0 30	20 9	0 26	17 34	5 46	19 17	19 33	5 11	4 31	6 8
S 19	1 25	0 41	4 44	6 41	0 43	9 16	1 16	12 26	5 36	21 17	0 29	15 27	2 4	22 19	0 30	20 9	0 26	17 34	5 46	19 15	19 32	5 13	4 32	6 8
S 20	1 2	4s45	4 5	6 55	0 25	8 49	1 17	12 27	5 32	21 18	0 29	15 29	2 3	22 19	0 30	20 9	0 26	17 34	5 46	19 13	19 32	5 15	4 34	6 8
M21	0 39	9 52	3 9	7 4	0 7	8 22	1 18	12 28	5 28	21 19	0 29	15 30	2 3	22 20	0 30	20 10	0 26	17 34	5 46	19 11	19 31	5 18	4 35	6 7
T 22	0 16	14 17	2 0	7 8	0n 9	7 54	1 19	12 28	5 24	21 21	0 29	15 32	2 3	22 20	0 30	20 10	0 26	17 34	5 46	19 10	19 30	5 20	4 36	6 7
W23	0s 8	17 43	0 44	7 8	0 24	7 27	1 20	12 28	5 20	21 22	0 28	15 33	2 3	22 20	0 30	20 10	0 26	17 34	5 47	19 10	19 30	5 22	4 37	6 7
T 24	0 31	19 57	0n32	7 4	0 39	6 59	1 21	12 27	5 15	21 24	0 28	15 35	2 3	22 20	0 29	20 10	0 26	17 34	5 47	19 10	19 29	5 24	4 38	6 7
F 25	0 54	20 54	1 44	6 55	0 52	6 31	1 22	12 27	5 11	21 25	0 28	15 37	2 3	22 20	0 29	20 10	0 26	17 34	5 47	19 10	19 28	5 26	4 39	6 6
S 26	1 18	20 37	2 48	6 42	1 3	6 3	1 23	12 26	5 6	21 27	0 28	15 38	2 2	22 20	0 29	20 10	0 26	17 34	5 47	19 10	19 27	5 28	4 40	6 6
S 27	1 41	19 13	3 42	6 25	1 14	5 34	1 24	12 24	5 1	21 28	0 28	15 40	2 2	22 20	0 29	20 10	0 26	17 34	5 47	19 10	19 27	5 31	4 41	6 6
M28	2 4	16 55	4 23	6 4	1 23	5 6	1 25	12 22	4 57	21 30	0 28	15 42	2 2	22 20	0 29	20 10	0 26	17 33	5 47	19 10	19 26	5 33	4 43	6 6
T 29	2 27	13 52	4 51	5 40	1 31	4 37	1 25	12 20	4 52	21 31	0 27	15 44	2 2	22 20	0 29	20 10	0 26	17 33	5 47	19 9	19 25	5 35	4 44	6 5
W30	2s51	10s17	5n 5	5n13	1n37	4n 8	1n26	12s18	4s47	21s32	0n27	15s45	2n 2	22s20	0s29	20s11	0n26	17n33	5s47	19s 7	19s24	5n37	4s45	6n 5

Julian Day Number = 2510592.5, Delta T = 130.03 sec
Ecliptic obliquity = 23°25'01, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°59'58, Lahiri = 26°06'58

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2161
geocentric

OCTOBER 2161 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 40 11	8♎ 9'19	0♓59	22♍ 6	24♍ 7	9°R46	10♐35	20♏ 2	20♑34	27°R42	4♋38	25°R22	26♏41	4♈53	2°R52	T 1
F 2	0 44 8	9° 8'13	12°56	23°39	25°22	9♓43	10°44	20° 8	20°35	27♑42	4°38	25♏14	26°37	5° 0	2♓50	F 2
S 3	0 48 4	10° 7'09	24°49	25°16	26°37	9°40	10°54	20°14	20°35	27°42	4°38	25° 5	26°34	5° 6	2°48	S 3
S 4	0 52 1	11° 6'07	6♈40	26°55	27°51	9°38	11° 3	20°20	20°35	27°42	4°R38	24°57	26°31	5°13	2°45	S 4
M 5	0 55 57	12° 5'06	18°31	28°35	29° 6	9°36	11°13	20°26	20°35	27°42	4°38	24°50	26°28	5°20	2°43	M 5
T 6	0 59 54	13° 4'08	0♉23	0♎18	0♎21	9°D36	11°23	20°32	20°35	27°41	4°38	24°45	26°25	5°27	2°41	T 6
W 7	1 3 51	14° 3'12	12°19	2° 2	1°35	9°36	11°33	20°39	20°36	27°41	4°38	24°42	26°22	5°33	2°39	W 7
T 8	1 7 47	15° 2'18	24°21	3°47	2°50	9°37	11°43	20°45	20°36	27°41	4°38	24°D41	26°18	5°40	2°37	T 8
F 9	1 11 44	16° 1'27	6♊31	5°32	4° 5	9°39	11°53	20°51	20°37	27°D41	4°38	24°42	26°15	5°47	2°35	F 9
S 10	1 15 40	17° 0'37	18°54	7°18	5°20	9°41	12° 3	20°57	20°37	27°41	4°38	24°43	26°12	5°53	2°33	S 10
S 11	1 19 37	17°59'50	1♋33	9° 4	6°34	9°45	12°13	21° 4	20°38	27°41	4°37	24°45	26° 9	6° 0	2°32	S 11
M12	1 23 33	18°59'06	14°32	10°50	7°49	9°49	12°24	21°10	20°38	27°41	4°37	24°R46	26° 6	6° 7	2°30	M12
T 13	1 27 30	19°58'23	27°54	12°36	9° 4	9°54	12°34	21°17	20°39	27°41	4°37	24°46	26° 3	6°13	2°28	T 13
W14	1 31 26	20°57'43	11♌42	14°22	10°19	9°59	12°45	21°23	20°40	27°42	4°37	24°44	25°59	6°20	2°26	W14
T 15	1 35 23	21°57'05	25°56	16° 7	11°34	10° 6	12°55	21°30	20°41	27°42	4°37	24°41	25°56	6°27	2°25	T 15
F 16	1 39 20	22°56'30	10♍35	17°52	12°49	10°13	13° 6	21°36	20°41	27°42	4°36	24°37	25°53	6°33	2°23	F 16
S 17	1 43 16	23°55'57	25°33	19°37	14° 4	10°21	13°17	21°43	20°42	27°42	4°36	24°32	25°50	6°40	2°22	S 17
S 18	1 47 13	24°55'25	10♎43	21°21	15°19	10°30	13°28	21°49	20°43	27°42	4°36	24°28	25°47	6°47	2°20	S 18
M19	1 51 9	25°54'57	25°54	23° 4	16°34	10°39	13°39	21°56	20°44	27°43	4°36	24°25	25°43	6°53	2°19	M19
T 20	1 55 6	26°54'30	10♏58	24°47	17°49	10°49	13°50	22° 3	20°45	27°43	4°35	24°23	25°40	7° 0	2°17	T 20
W21	1 59 2	27°54'05	25°44	26°29	19° 4	11° 0	14° 1	22° 9	20°46	27°43	4°35	24°D22	25°37	7° 7	2°16	W21
T 22	2 2 59	28°53'42	10♐ 7	28°11	20°19	11°11	14°13	22°16	20°47	27°44	4°34	24°23	25°34	7°14	2°15	T 22
F 23	2 6 55	29°53'20	24° 3	29°52	21°34	11°23	14°24	22°23	20°48	27°44	4°34	24°24	25°31	7°20	2°14	F 23
S 24	2 10 52	0♏53'01	7♑33	1♏32	22°49	11°36	14°35	22°30	20°50	27°45	4°34	24°26	25°28	7°27	2°12	S 24
S 25	2 14 49	1°52'43	20°36	3°12	24° 4	11°50	14°47	22°37	20°51	27°45	4°33	24°27	25°24	7°34	2°11	S 25
M26	2 18 45	2°52'27	3♒18	4°51	25°19	12° 4	14°59	22°43	20°52	27°46	4°33	24°R28	25°21	7°40	2°10	M26
T 27	2 22 42	3°52'13	15°41	6°30	26°34	12°19	15°10	22°50	20°54	27°46	4°32	24°27	25°18	7°47	2° 9	T 27
W28	2 26 38	4°52'00	27°50	8° 8	27°50	12°34	15°22	22°57	20°55	27°47	4°32	24°26	25°15	7°54	2° 8	W28
T 29	2 30 35	5°51'49	9♓49	9°45	29° 5	12°50	15°34	23° 4	20°56	27°48	4°31	24°23	25°12	8° 0	2° 8	T 29
F 30	2 34 31	6°51'39	21°42	11°22	0♏20	13° 7	15°46	23°11	20°58	27°48	4°31	24°21	25° 9	8° 7	2° 7	F 30
S 31	2 38 28	7♏51'32	3♈32	12♏59	1♏35	13♓24	15♐58	23♏18	20♑59	27♑49	4♋30	24♏18	25♏ 5	8♈14	2♓ 6	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3s14	6s21	5n 6	4n42	1n43	3n39	1n26	12s15	4s42	21s34	0n27	15s47	2n 2	22s20	0s29	20s11	0n26	17n33	5s47	19s 5	19s24	5n39	4s46	6n 5
F 2	3 37	2 11	4 53	4 9	1 47	3 10	1 27	12 12	4 38	21 35	0 27	15 49	2 1	22 20	0 29	20 11	0 26	17 33	5 47	19 3	19 23	5 41	4 47	6 4
S 3	4 0	2n 2	4 28	3 34	1 51	2 41	1 27	12 9	4 33	21 37	0 27	15 50	2 1	22 20	0 29	20 11	0 26	17 33	5 47	19 1	19 22	5 44	4 48	6 4
S 4	4 23	6 10	3 50	2 57	1 53	2 11	1 27	12 5	4 28	21 38	0 27	15 52	2 1	22 20	0 29	20 11	0 26	17 33	5 47	18 59	19 21	5 46	4 49	6 4
M 5	4 46	10 4	3 3	2 18	1 54	1 42	1 28	12 1	4 23	21 40	0 26	15 54	2 1	22 19	0 29	20 11	0 26	17 33	5 47	18 57	19 21	5 48	4 50	6 4
T 6	5 9	13 36	2 8	1 38	1 55	1 12	1 28	11 57	4 18	21 41	0 26	15 56	2 1	22 19	0 29	20 11	0 26	17 33	5 48	18 56	19 20	5 50	4 51	6 3
W 7	5 32	16 35	1 7	0 56	1 54	0 43	1 28	11 52	4 13	21 43	0 26	15 57	2 1	22 19	0 29	20 11	0 26	17 33	5 48	18 56	19 19	5 52	4 52	6 3
T 8	5 55	18 52	0 2	0 14	1 53	0 13	1 28	11 47	4 8	21 44	0 26	15 59	2 0	22 19	0 29	20 11	0 26	17 33	5 48	18 55	19 19	5 54	4 53	6 3
F 9	6 18	20 20	1s 4	0s29	1 52	0s16	1 28	11 42	4 4	21 46	0 26	16 1	2 0	22 19	0 29	20 11	0 26	17 33	5 48	18 56	19 18	5 56	4 54	6 2
S 10	6 41	20 49	2 8	1 13	1 49	0 46	1 28	11 37	3 59	21 47	0 26	16 3	2 0	22 19	0 29	20 11	0 26	17 32	5 48	18 56	19 17	5 59	4 55	6 2
S 11	7 3	20 17	3 8	1 58	1 46	1 16	1 28	11 31	3 54	21 49	0 26	16 5	2 0	22 19	0 29	20 11	0 26	17 32	5 48	18 56	19 16	6 1	4 56	6 2
M12	7 26	18 40	3 59	2 42	1 43	1 46	1 27	11 25	3 49	21 50	0 25	16 6	2 0	22 19	0 29	20 11	0 26	17 32	5 48	18 57	19 16	6 3	4 57	6 1
T 13	7 48	16 0	4 39	3 27	1 39	2 15	1 27	11 19	3 44	21 52	0 25	16 8	2 0	22 19	0 29	20 11	0 26	17 32	5 48	18 56	19 15	6 5	4 58	6 1
W14	8 10	12 23	5 5	4 12	1 35	2 45	1 27	11 12	3 40	21 53	0 25	16 10	2 0	22 19	0 29	20 11	0 26	17 32	5 48	18 56	19 14	6 7	4 59	6 1
T 15	8 33	7 57	5 12	4 57	1 30	3 15	1 26	11 5	3 35	21 55	0 25	16 12	2 0	22 18	0 29	20 11	0 26	17 32	5 48	18 55	19 13	6 9	5 0	6 0
F 16	8 55	2 57	5 1	5 41	1 25	3 44	1 26	10 58	3 30	21 56	0 25	16 14	1 59	22 18	0 29	20 11	0 26	17 32	5 48	18 54	19 13	6 11	5 1	6 0
S 17	9 17	2s20	4 28	6 26	1 20	4 14	1 25	10 51	3 26	21 58	0 25	16 15	1 59	22 18	0 29	20 11	0 26	17 32	5 48	18 53	19 12	6 13	5 1	6 0
S 18	9 38	7 34	3 37	7 10	1 15	4 43	1 25	10 43	3 21	21 59	0 25	16 17	1 59	22 18	0 29	20 11	0 25	17 32	5 49	18 52	19 11	6 16	5 2	5 59
M19	10 0	12 20	2 30	7 54	1 9	5 13	1 24	10 36	3 16	22 1	0 24	16 19	1 59	22 18	0 29	20 11	0 25	17 32	5 49	18 51	19 10	6 18	5 3	5 59
T 20	10 22	16 15	1 13	8 37	1 3	5 42	1 23	10 28	3 12	22 2	0 24	16 21	1 59	22 18	0 29	20 11	0 25	17 32	5 49	18 51	19 10	6 20	5 4	5 58
W21	10 43	19 3	0n 7	9 20	0 57	6 11	1 22	10 19	3 7	22 4	0 24	16 23	1 59	22 18	0 29	20 11	0 25	17 32	5 49	18 51	19 9	6 22	5 5	5 58
T 22	11 4	20 32	1 26	10 2	0 51	6 40	1 22	10 11	3 3	22 5	0 24	16 24	1 59	22 17	0 29	20 11	0 25	17 32	5 49	18 51	19 8	6 24	5 6	5 58
F 23	11 25	20 41	2 36	10 43	0 44	7 9	1 21	10 2	2 59	22 7	0 24	16 26	1 59	22 17	0 29	20 11	0 25	17 32	5 49	18 51	19 7	6 26	5 6	5 57
S 24	11 46	19 37	3 36	11 24	0 38	7 38	1 20	9 53	2 54	22 8	0 24	16 28	1 59	22 17	0 29	20 11	0 25	17 32	5 49	18 52	19 7	6 28	5 7	5 57
S 25	12 7	17 31	4 22	12 5	0 31	8 7	1 19	9 44	2 50	22 10	0 24	16 30	1 58	22 17	0 29	20 11	0 25	17 31	5 49	18 52	19 6	6 30	5 8	5 57
M26	12 27	14 38	4 54	12 45	0 25	8 35	1 17	9 35	2 46	22 11	0 23	16 32	1 58	22 16	0 29	20 11	0 25	17 31	5 49	18 52	19 5	6 32	5 9	5 56
T 27	12 48	11 9	5 12	13 24	0 18	9 3	1 16	9 25	2 41	22 12	0 23	16 33	1 58	22 16	0 29	20 10	0 25	17 31	5 49	18 52	19 4	6 35	5 9	5 56
W28	13 8	7 17	5 15	14 2	0 11	9 31	1 15	9 16	2 37	22 14	0 23	16 35	1 58	22 16	0 29	20 10	0 25	17 31	5 49	18 52	19 3	6 37	5 10	5 55
T 29	13 28	3 11	5 4	14 39	0 4	9 59	1 14	9 6	2 33	22 15	0 23	16 37	1 58	22 16	0 29	20 10	0 25	17 31	5 49	18 51	19 3	6 39	5 11	5 55
F 30	13 48	1n 0	4 40	15 16	0s 2	10 27	1 12	8 56	2 29	22 17	0 23	16 39	1 58	22 16	0 29	20 10	0 25	17 31	5 49	18 50	19 2	6 41	5 11	5 55
S 31	14s 7	5n 9	4n 5	15s52	0s 9	10s54	1n11	8s45	2s25	22s18	0n23	16s41	1n58	22s15	0s29	20s10	0n25	17n31	5s49	18s50	19s 1	6n43	5s12	5n54

Julian Day Number = 2510622.5, Delta T = 130.09 sec
Ecliptic obliquity = 23°25'01, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°00'02, Lahiri = 26°07'02

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2161
geocentric

NOVEMBER 2161 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 42 24	8♏51'26	15♈23	14♏35	2♏50	13♓42	16♐10	23♏25	21♑ 1	27♑50	4°R29	24°R15	25♏ 2	8♈20	2°R 5	S 1
M 2	2 46 21	9°51'22	27°17	16°10	4° 5	14° 0	16°22	23°32	21° 3	27°51	4♋29	24♏13	24°59	8°27	2♓ 5	M 2
T 3	2 50 18	10°51'20	9♉15	17°45	5°21	14°19	16°34	23°39	21° 4	27°51	4°28	24°12	24°56	8°34	2° 4	T 3
W 4	2 54 14	11°51'19	21°21	19°19	6°36	14°38	16°46	23°46	21° 6	27°52	4°28	24°D12	24°53	8°40	2° 4	W 4
T 5	2 58 11	12°51'21	3♊35	20°53	7°51	14°58	16°59	23°53	21° 8	27°53	4°27	24°12	24°49	8°47	2° 3	T 5
F 6	3 2 7	13°51'25	15°59	22°27	9° 6	15°18	17°11	24° 0	21°10	27°54	4°26	24°12	24°46	8°54	2° 3	F 6
S 7	3 6 4	14°51'30	28°35	24° 0	10°22	15°39	17°23	24° 7	21°12	27°55	4°26	24°13	24°43	9° 1	2° 3	S 7
S 8	3 10 0	15°51'38	11♋25	25°33	11°37	16° 1	17°36	24°15	21°14	27°56	4°25	24°14	24°40	9° 7	2° 2	S 8
M 9	3 13 57	16°51'48	24°31	27° 6	12°52	16°22	17°48	24°22	21°16	27°57	4°24	24°15	24°37	9°14	2° 2	M 9
T 10	3 17 53	17°52'00	7♌54	28°38	14° 8	16°45	18° 1	24°29	21°18	27°58	4°23	24°15	24°34	9°21	2° 2	T 10
W11	3 21 50	18°52'13	21°36	0♐ 9	15°23	17° 7	18°13	24°36	21°20	27°59	4°23	24°R15	24°30	9°27	2° 2	W11
T 12	3 25 47	19°52'29	5♍38	1°41	16°38	17°30	18°26	24°43	21°22	28° 0	4°22	24°15	24°27	9°34	2°D 2	T 12
F 13	3 29 43	20°52'47	19°58	3°12	17°53	17°54	18°39	24°50	21°24	28° 1	4°21	24°15	24°24	9°41	2° 2	F 13
S 14	3 33 40	21°53'07	4♎34	4°42	19° 9	18°18	18°52	24°57	21°26	28° 2	4°20	24°15	24°21	9°47	2° 2	S 14
S 15	3 37 36	22°53'28	19°21	6°12	20°24	18°42	19° 5	25° 5	21°28	28° 3	4°19	24°14	24°18	9°54	2° 2	S 15
M16	3 41 33	23°53'52	4♏12	7°42	21°40	19° 7	19°17	25°12	21°30	28° 5	4°18	24°D14	24°14	10° 1	2° 3	M16
T 17	3 45 29	24°54'17	19° 1	9°12	22°55	19°32	19°30	25°19	21°33	28° 6	4°18	24°R14	24°11	10° 7	2° 3	T 17
W18	3 49 26	25°54'45	3♐40	10°41	24°10	19°57	19°43	25°26	21°35	28° 7	4°17	24°14	24° 8	10°14	2° 3	W18
T 19	3 53 22	26°55'13	18° 1	12°10	25°26	20°23	19°56	25°33	21°37	28° 9	4°16	24°14	24° 5	10°21	2° 4	T 19
F 20	3 57 19	27°55'44	2♑ 1	13°38	26°41	20°49	20° 9	25°40	21°40	28°10	4°15	24°14	24° 2	10°27	2° 4	F 20
S 21	4 1 16	28°56'15	15°36	15° 6	27°57	21°16	20°22	25°47	21°42	28°11	4°14	24°13	23°59	10°34	2° 5	S 21
S 22	4 5 12	29°56'48	28°46	16°33	29°12	21°43	20°36	25°55	21°45	28°13	4°13	24°13	23°55	10°41	2° 5	S 22
M23	4 9 9	0♐57'22	11♒33	18° 0	0♐27	22°10	20°49	26° 2	21°47	28°14	4°12	24°12	23°52	10°47	2° 6	M23
T 24	4 13 5	1°57'58	24° 0	19°26	1°43	22°38	21° 2	26° 9	21°50	28°15	4°11	24°12	23°49	10°54	2° 7	T 24
W25	4 17 2	2°58'34	6♓11	20°51	2°58	23° 6	21°15	26°16	21°52	28°17	4°10	24°D12	23°46	11° 1	2° 8	W25
T 26	4 20 58	3°59'12	18°10	22°16	4°14	23°34	21°29	26°23	21°55	28°18	4° 9	24°12	23°43	11° 8	2° 9	T 26
F 27	4 24 55	4°59'50	0♈ 2	23°40	5°29	24° 2	21°42	26°30	21°58	28°20	4° 8	24°13	23°40	11°14	2° 9	F 27
S 28	4 28 51	6° 0'30	11°51	25° 3	6°44	24°31	21°55	26°37	22° 1	28°21	4° 7	24°14	23°36	11°21	2°10	S 28
S 29	4 32 48	7° 1'11	23°43	26°24	8° 0	25° 0	22° 9	26°44	22° 3	28°23	4° 6	24°15	23°33	11°28	2°12	S 29
M30	4 36 45	8♐ 1'54	5♉40	27♐45	9♐15	25♓29	22♐22	26♏52	22♑ 6	28♑25	4♋ 5	24♏16	23♏30	11♈34	2♓13	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s26	9n 6	3n19	16s27	0s16	11s21	1n10	8s35	2s21	22s19	0n23	16s43	1n58	22s15	0s29	20s10	0n25	17n31	5s49	18s49	19s 0	6n45	5s12	5n54
M 2	14 45	12 44	2 24	17 1	0 23	11 48	1 8	8 24	2 17	22 21	0 23	16 44	1 58	22 15	0 29	20 10	0 25	17 31	5 50	18 49	19 0	6 47	5 13	5 53
T 3	15 4	15 52	1 22	17 35	0 29	12 15	1 7	8 13	2 14	22 22	0 22	16 46	1 58	22 14	0 29	20 10	0 25	17 31	5 50	18 48	18 59	6 49	5 14	5 53
W 4	15 23	18 20	0 16	18 7	0 36	12 41	1 5	8 2	2 10	22 23	0 22	16 48	1 58	22 14	0 29	20 10	0 25	17 31	5 50	18 48	18 58	6 51	5 14	5 53
T 5	15 41	20 0	0s52	18 39	0 43	13 7	1 3	7 51	2 6	22 25	0 22	16 50	1 57	22 14	0 29	20 9	0 25	17 31	5 50	18 48	18 57	6 53	5 15	5 52
F 6	15 59	20 43	1 58	19 9	0 49	13 33	1 2	7 40	2 3	22 26	0 22	16 52	1 57	22 14	0 29	20 9	0 25	17 31	5 50	18 48	18 57	6 55	5 15	5 52
S 7	16 17	20 25	3 0	19 39	0 55	13 58	1 0	7 29	1 59	22 27	0 22	16 53	1 57	22 13	0 29	20 9	0 25	17 31	5 50	18 49	18 56	6 57	5 16	5 51
S 8	16 34	19 3	3 53	20 8	1 2	14 23	0 58	7 17	1 55	22 29	0 22	16 55	1 57	22 13	0 29	20 9	0 25	17 31	5 50	18 49	18 55	6 59	5 16	5 51
M 9	16 51	16 40	4 36	20 36	1 8	14 48	0 56	7 6	1 52	22 30	0 22	16 57	1 57	22 13	0 29	20 9	0 25	17 31	5 50	18 49	18 54	7 2	5 17	5 51
T 10	17 8	13 22	5 5	21 2	1 14	15 12	0 54	6 54	1 49	22 31	0 22	16 59	1 57	22 12	0 29	20 9	0 25	17 31	5 50	18 49	18 54	7 4	5 17	5 50
W11	17 25	9 17	5 17	21 28	1 20	15 36	0 53	6 42	1 45	22 32	0 21	17 0	1 57	22 12	0 29	20 8	0 25	17 31	5 50	18 49	18 53	7 6	5 17	5 50
T 12	17 41	4 36	5 11	21 53	1 26	15 59	0 51	6 30	1 42	22 34	0 21	17 2	1 57	22 12	0 29	20 8	0 25	17 31	5 50	18 49	18 52	7 8	5 18	5 49
F 13	17 58	0s25	4 46	22 16	1 31	16 22	0 49	6 18	1 39	22 35	0 21	17 4	1 57	22 11	0 29	20 8	0 25	17 31	5 50	18 49	18 51	7 10	5 18	5 49
S 14	18 13	5 31	4 2	22 39	1 37	16 45	0 47	6 5	1 35	22 36	0 21	17 6	1 57	22 11	0 29	20 8	0 25	17 31	5 50	18 49	18 50	7 12	5 19	5 49
S 15	18 29	10 22	3 2	23 0	1 42	17 7	0 45	5 53	1 32	22 37	0 21	17 7	1 57	22 11	0 29	20 8	0 25	17 31	5 50	18 49	18 50	7 14	5 19	5 48
M16	18 44	14 37	1 49	23 20	1 47	17 29	0 43	5 40	1 29	22 38	0 21	17 9	1 57	22 10	0 29	20 7	0 25	17 31	5 50	18 49	18 49	7 16	5 19	5 48
T 17	18 59	17 55	0 29	23 39	1 52	17 50	0 40	5 28	1 26	22 39	0 21	17 11	1 57	22 10	0 29	20 7	0 25	17 31	5 50	18 49	18 48	7 18	5 19	5 47
W18	19 13	20 1	0n52	23 57	1 57	18 11	0 38	5 15	1 23	22 41	0 21	17 13	1 57	22 9	0 29	20 7	0 25	17 31	5 50	18 49	18 47	7 20	5 20	5 47
T 19	19 27	20 45	2 8	24 14	2 1	18 31	0 36	5 2	1 20	22 42	0 21	17 14	1 57	22 9	0 29	20 7	0 25	17 31	5 50	18 49	18 46	7 22	5 20	5 46
F 20	19 41	20 9	3 15	24 29	2 5	18 51	0 34	4 49	1 17	22 43	0 20	17 16	1 57	22 9	0 29	20 6	0 25	17 31	5 50	18 49	18 46	7 24	5 20	5 46
S 21	19 54	18 24	4 8	24 43	2 9	19 10	0 32	4 36	1 14	22 44	0 20	17 18	1 57	22 8	0 29	20 6	0 25	17 31	5 50	18 49	18 45	7 26	5 20	5 46
S 22	20 7	15 42	4 47	24 56	2 12	19 29	0 29	4 23	1 11	22 45	0 20	17 19	1 57	22 8	0 29	20 6	0 25	17 31	5 50	18 48	18 44	7 28	5 20	5 45
M23	20 20	12 20	5 10	25 8	2 16	19 47	0 27	4 9	1 9	22 46	0 20	17 21	1 57	22 7	0 29	20 6	0 25	17 31	5 50	18 48	18 43	7 30	5 21	5 45
T 24	20 32	8 31	5 17	25 18	2 19	20 5	0 25	3 56	1 6	22 47	0 20	17 23	1 57	22 7	0 28	20 5	0 25	17 31	5 50	18 48	18 43	7 32	5 21	5 44
W25	20 44	4 25	5 11	25 27	2 21	20 22	0 23	3 42	1 3	22 48	0 20	17 24	1 57	22 7	0 28	20 5	0 25	17 31	5 50	18 48	18 42	7 34	5 21	5 44
T 26	20 56	0 13	4 50	25 35	2 23	20 38	0 20	3 29	1 0	22 49	0 20	17 26	1 57	22 6	0 28	20 5	0 25	17 31	5 51	18 48	18 41	7 36	5 21	5 44
F 27	21 7	3n57	4 18	25 41	2 25	20 54	0 18	3 15	0 58	22 50	0 20	17 28	1 57	22 6	0 28	20 5	0 25	17 31	5 51	18 48	18 40	7 38	5 21	5 43
S 28	21 17	7 58	3 34	25 46	2 26	21 9	0 16	3 1	0 55	22 51	0 20	17 29	1 57	22 5	0 28	20 4	0 25	17 31	5 51	18 49	18 39	7 40	5 21	5 43
S 29	21 28	11 42	2 41	25 49	2 27	21 24	0 13	2 47	0 53	22 52	0 20	17 31	1 57	22 5	0 28	20 4	0 24	17 31	5 51	18 49	18 39	7 42	5 21	5 42
M30	21s38	15n 0	1n41	25s51	2s28	21s38	0n11	2s34	0s50	22s52	0n19	17s33	1n57	22s 4	0s28	20s 4	0n24	17n31	5s51	18s49	18s38	7n44	5s21	5n42

Julian Day Number = 2510653.5, Delta T = 130.15 sec
Ecliptic obliquity = 23°25'01, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°00'06, Lahiri = 26°07'07

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2161
geocentric

DECEMBER 2161 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 40 41	9♐ 2'37	17♉47	29♐ 4	10♐31	25♓59	22♐35	26♏59	22♑ 9	28♑26	4°R 4	24♏17	23♏27	11♈41	2♓14	T 1
W 2	4 44 38	10° 3'22	0♊ 4	0♑21	11°46	26°29	22°49	27° 6	22°12	28°28	4♋ 3	24°R17	23°24	11°48	2°15	W 2
T 3	4 48 34	11° 4'07	12°34	1°36	13° 1	26°59	23° 2	27°13	22°15	28°30	4° 2	24°16	23°20	11°54	2°16	T 3
F 4	4 52 31	12° 4'54	25°18	2°50	14°17	27°29	23°16	27°20	22°17	28°31	4° 1	24°14	23°17	12° 1	2°18	F 4
S 5	4 56 27	13° 5'43	8♋15	4° 0	15°32	28° 0	23°29	27°27	22°20	28°33	3°59	24°12	23°14	12° 8	2°19	S 5
S 6	5 0 24	14° 6'32	21°27	5° 8	16°48	28°31	23°43	27°34	22°23	28°35	3°58	24° 9	23°11	12°14	2°21	S 6
M 7	5 4 20	15° 7'23	4♌51	6°12	18° 3	29° 2	23°56	27°41	22°26	28°36	3°57	24° 6	23° 8	12°21	2°22	M 7
T 8	5 8 17	16° 8'15	18°27	7°13	19°19	29°33	24°10	27°48	22°29	28°38	3°56	24° 3	23° 5	12°28	2°24	T 8
W 9	5 12 14	17° 9'09	2♍15	8° 9	20°34	0♈ 4	24°23	27°54	22°32	28°40	3°55	24° 1	23° 1	12°34	2°25	W 9
T 10	5 16 10	18°10'03	16°14	9° 0	21°49	0°36	24°37	28° 1	22°35	28°42	3°54	24°D 1	22°58	12°41	2°27	T 10
F 11	5 20 7	19°10'59	0♎21	9°45	23° 5	1° 8	24°51	28° 8	22°39	28°44	3°53	24° 1	22°55	12°48	2°29	F 11
S 12	5 24 3	20°11'56	14°36	10°24	24°20	1°40	25° 4	28°15	22°42	28°46	3°51	24° 2	22°52	12°54	2°31	S 12
S 13	5 28 0	21°12'55	28°57	10°56	25°36	2°12	25°18	28°22	22°45	28°47	3°50	24° 4	22°49	13° 1	2°33	S 13
M14	5 31 56	22°13'54	13♏20	11°19	26°51	2°44	25°32	28°29	22°48	28°49	3°49	24° 5	22°46	13° 8	2°34	M14
T 15	5 35 53	23°14'55	27°42	11°33	28° 7	3°17	25°45	28°35	22°51	28°51	3°48	24°R 5	22°42	13°14	2°36	T 15
W16	5 39 49	24°15'57	11♐58	11°R38	29°22	3°50	25°59	28°42	22°54	28°53	3°47	24° 4	22°39	13°21	2°38	W16
T 17	5 43 46	25°17'00	26° 3	11°31	0♑38	4°23	26°13	28°49	22°58	28°55	3°46	24° 1	22°36	13°28	2°41	T 17
F 18	5 47 43	26°18'03	9♑53	11°14	1°53	4°56	26°26	28°55	23° 1	28°57	3°44	23°57	22°33	13°34	2°43	F 18
S 19	5 51 39	27°19'07	23°24	10°45	3° 9	5°29	26°40	29° 2	23° 4	28°59	3°43	23°51	22°30	13°41	2°45	S 19
S 20	5 55 36	28°20'11	6♒33	10° 4	4°24	6° 3	26°54	29° 9	23° 7	29° 1	3°42	23°45	22°26	13°48	2°47	S 20
M21	5 59 32	29°21'16	19°22	9°12	5°40	6°36	27° 7	29°15	23°11	29° 3	3°41	23°40	22°23	13°54	2°49	M21
T 22	6 3 29	0♑22'21	1♓52	8°10	6°55	7°10	27°21	29°22	23°14	29° 5	3°40	23°35	22°20	14° 1	2°52	T 22
W23	6 7 25	1°23'27	14° 4	6°59	8°10	7°44	27°35	29°28	23°17	29° 7	3°38	23°31	22°17	14° 8	2°54	W23
T 24	6 11 22	2°24'33	26° 4	5°42	9°26	8°18	27°48	29°35	23°21	29° 9	3°37	23°30	22°14	14°15	2°57	T 24
F 25	6 15 18	3°25'39	7♈56	4°21	10°41	8°52	28° 2	29°41	23°24	29°11	3°36	23°D29	22°11	14°21	2°59	F 25
S 26	6 19 15	4°26'45	19°46	2°58	11°57	9°27	28°15	29°47	23°28	29°14	3°35	23°31	22° 7	14°28	3° 2	S 26
S 27	6 23 12	5°27'51	1♉37	1°37	13°12	10° 1	28°29	29°54	23°31	29°16	3°34	23°32	22° 4	14°35	3° 4	S 27
M28	6 27 8	6°28'58	13°36	0°20	14°28	10°36	28°43	29°59	23°34	29°18	3°32	23°34	22° 1	14°41	3° 7	M28
T 29	6 31 5	7°30'05	25°47	29♐ 9	15°43	11°10	28°56	0♐ 6	23°38	29°20	3°31	23°R34	21°58	14°48	3°10	T 29
W30	6 35 1	8°31'12	8♊14	28° 6	16°58	11°45	29°10	0°12	23°41	29°22	3°30	23°33	21°55	14°55	3°12	W30
T 31	6 38 58	9♑32'19	20♊58	27♐12	18♑14	12♈20	29♐24	0♐18	23♑45	29♑24	3♋29	23♏30	21♏52	15♈ 1	3♓15	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s47	17n41	0n36	25s52	2s27	21s52	0n 8	2s20	0s48	22s53	0n19	17s34	1n57	22s 4	0s28	20s 3	0n24	17n31	5s51	18s49	18s37	7n46	5s21	5n42
W 2	21 56	19 37	0s32	25 51	2 26	22 5	0 6	2 6	0 45	22 54	0 19	17 36	1 57	22 3	0 28	20 3	0 24	17 31	5 51	18 49	18 36	7 48	5 21	5 41
T 3	22 5	20 38	1 39	25 49	2 25	22 17	0 4	1 51	0 43	22 55	0 19	17 37	1 57	22 3	0 28	20 3	0 24	17 31	5 51	18 49	18 35	7 50	5 21	5 41
F 4	22 13	20 37	2 43	25 46	2 23	22 28	0 1	1 37	0 41	22 56	0 19	17 39	1 57	22 2	0 28	20 2	0 24	17 31	5 51	18 49	18 35	7 52	5 21	5 40
S 5	22 21	19 30	3 40	25 41	2 20	22 39	0s 1	1 23	0 38	22 56	0 19	17 41	1 57	22 2	0 28	20 2	0 24	17 31	5 51	18 48	18 34	7 54	5 21	5 40
S 6	22 28	17 20	4 25	25 35	2 16	22 49	0 3	1 9	0 36	22 57	0 19	17 42	1 57	22 2	0 28	20 2	0 24	17 31	5 51	18 47	18 33	7 56	5 20	5 40
M 7	22 35	14 13	4 57	25 28	2 12	22 59	0 6	0 54	0 34	22 58	0 19	17 44	1 57	22 1	0 28	20 1	0 24	17 31	5 51	18 47	18 32	7 58	5 20	5 39
T 8	22 42	10 18	5 13	25 19	2 6	23 7	0 8	0 40	0 32	22 59	0 19	17 45	1 57	22 1	0 28	20 1	0 24	17 31	5 51	18 46	18 31	8 0	5 20	5 39
W 9	22 48	5 48	5 12	25 9	2 0	23 16	0 11	0 26	0 30	22 59	0 19	17 47	1 57	22 0	0 28	20 1	0 24	17 31	5 51	18 46	18 31	8 2	5 20	5 38
T 10	22 53	0 57	4 52	24 59	1 52	23 23	0 13	0 11	0 28	23 0	0 18	17 48	1 57	22 0	0 28	20 0	0 24	17 31	5 51	18 45	18 30	8 4	5 20	5 38
F 11	22 59	4s 1	4 14	24 47	1 44	23 30	0 15	0n 3	0 26	23 1	0 18	17 50	1 57	21 59	0 28	20 0	0 24	17 31	5 51	18 45	18 29	8 6	5 19	5 38
S 12	23 3	8 50	3 20	24 34	1 34	23 36	0 18	0 18	0 24	23 1	0 18	17 51	1 57	21 58	0 28	20 0	0 24	17 31	5 51	18 46	18 28	8 8	5 19	5 37
S 13	23 8	13 11	2 14	24 20	1 23	23 41	0 20	0 33	0 22	23 2	0 18	17 53	1 57	21 58	0 28	19 59	0 24	17 31	5 50	18 46	18 27	8 10	5 19	5 37
M14	23 11	16 46	0 59	24 6	1 10	23 45	0 23	0 47	0 20	23 2	0 18	17 54	1 57	21 57	0 28	19 59	0 24	17 31	5 50	18 46	18 27	8 12	5 18	5 37
T 15	23 15	19 18	0n20	23 51	0 56	23 49	0 25	1 2	0 18	23 3	0 18	17 55	1 57	21 57	0 28	19 59	0 24	17 31	5 50	18 47	18 26	8 14	5 18	5 36
W16	23 18	20 37	1 37	23 36	0 41	23 52	0 27	1 17	0 16	23 3	0 18	17 57	1 57	21 56	0 28	19 58	0 24	17 31	5 50	18 46	18 25	8 16	5 18	5 36
T 17	23 20	20 35	2 46	23 20	0 25	23 54	0 29	1 32	0 14	23 4	0 18	17 58	1 57	21 56	0 28	19 58	0 24	17 32	5 50	18 46	18 24	8 18	5 17	5 35
F 18	23 22	19 19	3 45	23 4	0 7	23 56	0 32	1 46	0 12	23 4	0 18	18 0	1 57	21 55	0 28	19 57	0 24	17 32	5 50	18 45	18 23	8 20	5 17	5 35
S 19	23 23	16 58	4 29	22 48	0n11	23 57	0 34	2 1	0 10	23 5	0 18	18 1	1 57	21 55	0 28	19 57	0 24	17 32	5 50	18 43	18 23	8 22	5 16	5 35
S 20	23 24	13 49	4 58	22 32	0 31	23 57	0 36	2 16	0 9	23 5	0 18	18 2	1 57	21 54	0 28	19 57	0 24	17 32	5 50	18 42	18 22	8 24	5 16	5 34
M21	23 25	10 5	5 11	22 16	0 50	23 56	0 38	2 31	0 7	23 6	0 17	18 4	1 57	21 54	0 28	19 56	0 24	17 32	5 50	18 40	18 21	8 26	5 15	5 34
T 22	23 25	6 0	5 8	22 0	1 10	23 55	0 41	2 46	0 5	23 6	0 17	18 5	1 57	21 53	0 28	19 56	0 24	17 32	5 50	18 39	18 20	8 28	5 15	5 34
W23	23 25	1 46	4 52	21 44	1 30	23 53	0 43	3 1	0 3	23 6	0 17	18 6	1 57	21 52	0 28	19 55	0 24	17 32	5 50	18 38	18 19	8 30	5 14	5 33
T 24	23 24	2n28	4 23	21 29	1 49	23 50	0 45	3 16	0 2	23 7	0 17	18 8	1 57	21 52	0 28	19 55	0 24	17 32	5 50	18 38	18 19	8 32	5 14	5 33
F 25	23 22	6 33	3 43	21 14	2 6	23 46	0 47	3 31	0 0	23 7	0 17	18 9	1 57	21 51	0 28	19 55	0 24	17 32	5 50	18 38	18 18	8 34	5 13	5 33
S 26	23 21	10 24	2 53	21 1	2 22	23 42	0 49	3 46	0n 1	23 7	0 17	18 10	1 58	21 51	0 28	19 54	0 24	17 32	5 50	18 38	18 17	8 36	5 13	5 32
S 27	23 18	13 51	1 56	20 49	2 36	23 37	0 51	4 1	0 3	23 8	0 17	18 12	1 58	21 50	0 28	19 54	0 24	17 32	5 50	18 38	18 16	8 38	5 12	5 32
M28	23 15	16 46	0 54	20 38	2 47	23 31	0 53	4 16	0 4	23 8	0 17	18 13	1 58	21 50	0 28	19 53	0 24	17 32	5 50	18 39	18 15	8 40	5 11	5 32
T 29	23 12	19 0	0s12	20 29	2 56	23 24	0 55	4 30	0 6	23 8	0 17	18 14	1 58	21 49	0 28	19 53	0 24	17 32	5 50	18 39	18 14	8 42	5 11	5 31
W30	23 9	20 22	1 19	20 22	3 2	23 17	0 57	4 45	0 7	23 8	0 17	18 15	1 58	21 48	0 28	19 52	0 24	17 33	5 50	18 39	18 14	8 44	5 10	5 31
T 31	23s 4	20n44	2s23	20s17	3n 6	23s 9	0s59	5n 0	0n 9	23s 8	0n17	18s16	1n58	21s48	0s28	19s52	0n24	17n33	5s50	18s38	18s13	8n46	5s 9	5n31

Julian Day Number = 2510683.5, Delta T = 130.21 sec
Ecliptic obliquity = 23°25'00, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°00'10, Lahiri = 26°07'11

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2162
geocentric

JANUARY 2162 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 42 54	10♑33'26	4♋ 2	26°R29	19♑29	12♈55	29♐37	0♐24	23♑48	29♑26	3°R28	23°R24	21♏48	15♈ 8	3♓18	F 1
S 2	6 46 51	11°34'33	17°24	25♐56	20°45	13°30	29°51	0°30	23°52	29°29	3♋26	23♏17	21°45	15°15	3°21	S 2
S 3	6 50 48	12°35'41	1♌ 2	25°34	22° 0	14° 6	0♑ 4	0°36	23°55	29°31	3°25	23° 8	21°42	15°21	3°24	S 3
M 4	6 54 44	13°36'48	14°54	25°22	23°15	14°41	0°18	0°42	23°59	29°33	3°24	22°59	21°39	15°28	3°27	M 4
T 5	6 58 41	14°37'56	28°56	25°D19	24°31	15°16	0°31	0°48	24° 2	29°35	3°23	22°51	21°36	15°35	3°30	T 5
W 6	7 2 37	15°39'04	13♍ 3	25°26	25°46	15°52	0°45	0°54	24° 6	29°37	3°22	22°45	21°32	15°41	3°33	W 6
T 7	7 6 34	16°40'12	27°12	25°41	27° 1	16°28	0°58	0°59	24° 9	29°40	3°21	22°41	21°29	15°48	3°36	T 7
F 8	7 10 30	17°41'21	11♎20	26° 3	28°17	17° 3	1°11	1° 5	24°13	29°42	3°19	22°39	21°26	15°55	3°39	F 8
S 9	7 14 27	18°42'30	25°27	26°32	29°32	17°39	1°25	1°11	24°16	29°44	3°18	22°D39	21°23	16° 1	3°42	S 9
S 10	7 18 23	19°43'39	9♏30	27° 8	0♒47	18°15	1°38	1°16	24°20	29°46	3°17	22°40	21°20	16° 8	3°45	S 10
M11	7 22 20	20°44'48	23°29	27°49	2° 3	18°51	1°52	1°22	24°24	29°49	3°16	22°R40	21°17	16°15	3°49	M11
T 12	7 26 17	21°45'58	7♐23	28°34	3°18	19°27	2° 5	1°27	24°27	29°51	3°15	22°39	21°13	16°21	3°52	T 12
W13	7 30 13	22°47'07	21°11	29°25	4°33	20° 3	2°18	1°32	24°31	29°53	3°14	22°36	21°10	16°28	3°55	W13
T 14	7 34 10	23°48'16	4♑50	0♑19	5°49	20°39	2°31	1°38	24°34	29°55	3°13	22°30	21° 7	16°35	3°58	T 14
F 15	7 38 6	24°49'26	18°18	1°17	7° 4	21°16	2°45	1°43	24°38	29°58	3°11	22°21	21° 4	16°41	4° 2	F 15
S 16	7 42 3	25°50'34	1♒33	2°18	8°19	21°52	2°58	1°48	24°41	29°59	3°10	22°10	21° 1	16°48	4° 5	S 16
S 17	7 45 59	26°51'43	14°32	3°22	9°35	22°29	3°11	1°53	24°45	0♒ 2	3° 9	21°58	20°58	16°55	4° 9	S 17
M18	7 49 56	27°52'50	27°14	4°29	10°50	23° 5	3°24	1°58	24°48	0° 5	3° 8	21°46	20°54	17° 1	4°12	M18
T 19	7 53 52	28°53'58	9♓40	5°37	12° 5	23°42	3°37	2° 3	24°52	0° 7	3° 7	21°35	20°51	17° 8	4°16	T 19
W20	7 57 49	29°55'04	21°52	6°48	13°21	24°18	3°50	2° 8	24°56	0° 9	3° 6	21°26	20°48	17°15	4°19	W20
T 21	8 1 46	0♒56'10	3♈51	8° 1	14°36	24°55	4° 3	2°13	24°59	0°11	3° 5	21°20	20°45	17°21	4°23	T 21
F 22	8 5 42	1°57'15	15°43	9°16	15°51	25°32	4°16	2°18	25° 3	0°14	3° 4	21°16	20°42	17°28	4°26	F 22
S 23	8 9 39	2°58'19	27°31	10°32	17° 6	26° 9	4°29	2°22	25° 6	0°16	3° 3	21°15	20°38	17°35	4°30	S 23
S 24	8 13 35	3°59'22	9♉21	11°49	18°21	26°46	4°42	2°27	25°10	0°18	3° 2	21°D15	20°35	17°41	4°34	S 24
M25	8 17 32	5° 0'24	21°19	13° 8	19°37	27°23	4°54	2°31	25°13	0°20	3° 1	21°R15	20°32	17°48	4°37	M25
T 26	8 21 28	6° 1'26	3♊30	14°28	20°52	28° 0	5° 7	2°36	25°17	0°23	3° 0	21°14	20°29	17°55	4°41	T 26
W27	8 25 25	7° 2'26	16° 0	15°50	22° 7	28°37	5°20	2°40	25°20	0°25	2°59	21°12	20°26	18° 1	4°45	W27
T 28	8 29 21	8° 3'26	28°51	17°12	23°22	29°14	5°32	2°45	25°24	0°27	2°58	21° 7	20°23	18° 8	4°49	T 28
F 29	8 33 18	9° 4'24	12♋ 6	18°35	24°37	29°51	5°45	2°49	25°27	0°30	2°57	20°59	20°19	18°15	4°52	F 29
S 30	8 37 15	10° 5'22	25°46	20° 0	25°52	0♉28	5°58	2°53	25°31	0°32	2°56	20°49	20°16	18°21	4°56	S 30
S 31	8 41 11	11♒ 6'18	9♌48	21♑25	27♒ 7	1♉ 5	6♑10	2♐57	25♑34	0♒34	2♋55	20♏37	20♏13	18♈28	5♓ 0	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s 0	20n 1	3s21	20s14	3n 8	23s 0	1s 1	5n15	0n10	23s 8	0n17	18s18	1n58	21s47	0s28	19s52	0n24	17n33	5s50	18s36	18s12	8n48	5s 9	5n30
S 2	22 55	18 10	4 9	20 13	3 8	22 51	1 2	5 30	0 12	23 9	0 16	18 19	1 58	21 47	0 28	19 51	0 24	17 33	5 50	18 34	18 11	8 50	5 8	5 30
S 3	22 49	15 17	4 44	20 15	3 6	22 41	1 4	5 45	0 13	23 9	0 16	18 20	1 58	21 46	0 28	19 51	0 24	17 33	5 50	18 32	18 10	8 51	5 7	5 30
M 4	22 43	11 30	5 4	20 18	3 3	22 30	1 6	6 0	0 14	23 9	0 16	18 21	1 58	21 45	0 28	19 50	0 24	17 33	5 49	18 30	18 10	8 53	5 7	5 29
T 5	22 37	7 4	5 5	20 22	2 58	22 18	1 8	6 15	0 16	23 9	0 16	18 22	1 58	21 45	0 28	19 50	0 24	17 33	5 49	18 28	18 9	8 55	5 6	5 29
W 6	22 30	2 13	4 48	20 28	2 52	22 6	1 9	6 30	0 17	23 9	0 16	18 23	1 58	21 44	0 28	19 49	0 24	17 33	5 49	18 26	18 8	8 57	5 5	5 29
T 7	22 23	2s45	4 13	20 35	2 45	21 53	1 11	6 45	0 18	23 9	0 16	18 24	1 58	21 43	0 28	19 49	0 24	17 33	5 49	18 25	18 7	8 59	5 4	5 29
F 8	22 15	7 36	3 23	20 44	2 38	21 40	1 12	7 0	0 20	23 9	0 16	18 25	1 59	21 43	0 28	19 48	0 24	17 33	5 49	18 25	18 6	9 1	5 3	5 28
S 9	22 7	12 1	2 21	20 52	2 30	21 26	1 14	7 15	0 21	23 9	0 16	18 26	1 59	21 42	0 28	19 48	0 24	17 34	5 49	18 25	18 5	9 3	5 2	5 28
S 10	21 58	15 45	1 10	21 2	2 21	21 11	1 15	7 29	0 22	23 9	0 16	18 27	1 59	21 42	0 28	19 48	0 24	17 34	5 49	18 25	18 5	9 5	5 2	5 28
M11	21 49	18 33	0n 4	21 11	2 13	20 56	1 17	7 44	0 23	23 8	0 16	18 28	1 59	21 41	0 28	19 47	0 24	17 34	5 49	18 25	18 4	9 7	5 1	5 27
T 12	21 40	20 14	1 18	21 21	2 4	20 40	1 18	7 59	0 24	23 8	0 16	18 29	1 59	21 40	0 28	19 47	0 24	17 34	5 49	18 25	18 3	9 9	5 0	5 27
W13	21 30	20 42	2 26	21 31	1 54	20 23	1 19	8 14	0 26	23 8	0 16	18 30	1 59	21 40	0 28	19 46	0 24	17 34	5 49	18 24	18 2	9 11	4 59	5 27
T 14	21 19	19 55	3 25	21 40	1 45	20 6	1 20	8 28	0 27	23 8	0 16	18 31	1 59	21 39	0 28	19 46	0 24	17 34	5 49	18 23	18 1	9 13	4 58	5 27
F 15	21 9	18 0	4 12	21 49	1 36	19 48	1 21	8 43	0 28	23 8	0 15	18 32	1 59	21 39	0 28	19 45	0 24	17 34	5 48	18 20	18 0	9 14	4 57	5 26
S 16	20 57	15 11	4 44	21 58	1 26	19 30	1 23	8 58	0 29	23 8	0 15	18 33	1 59	21 38	0 28	19 45	0 24	17 34	5 48	18 18	18 0	9 16	4 56	5 26
S 17	20 46	11 40	5 0	22 6	1 17	19 11	1 24	9 12	0 30	23 7	0 15	18 34	2 0	21 37	0 28	19 44	0 24	17 35	5 48	18 14	17 59	9 18	4 55	5 26
M18	20 34	7 42	5 1	22 13	1 7	18 51	1 25	9 27	0 31	23 7	0 15	18 35	2 0	21 37	0 28	19 44	0 24	17 35	5 48	18 11	17 58	9 20	4 54	5 26
T 19	20 22	3 29	4 48	22 20	0 58	18 31	1 25	9 41	0 32	23 7	0 15	18 36	2 0	21 36	0 28	19 43	0 24	17 35	5 48	18 8	17 57	9 22	4 53	5 25
W20	20 9	0n47	4 22	22 26	0 49	18 11	1 26	9 56	0 33	23 7	0 15	18 37	2 0	21 35	0 28	19 43	0 24	17 35	5 48	18 6	17 56	9 24	4 52	5 25
T 21	19 56	4 57	3 44	22 31	0 40	17 50	1 27	10 10	0 34	23 6	0 15	18 37	2 0	21 35	0 28	19 42	0 24	17 35	5 48	18 5	17 55	9 26	4 51	5 25
F 22	19 42	8 54	2 57	22 35	0 31	17 28	1 28	10 25	0 35	23 6	0 15	18 38	2 0	21 34	0 28	19 42	0 24	17 35	5 48	18 4	17 55	9 28	4 50	5 25
S 23	19 29	12 29	2 3	22 38	0 22	17 6	1 28	10 39	0 36	23 6	0 15	18 39	2 0	21 33	0 28	19 41	0 24	17 35	5 48	18 3	17 54	9 29	4 49	5 24
S 24	19 14	15 35	1 3	22 40	0 13	16 43	1 29	10 53	0 37	23 5	0 15	18 40	2 0	21 33	0 28	19 41	0 24	17 36	5 47	18 3	17 53	9 31	4 47	5 24
M25	19 0	18 4	0s 0	22 41	0 5	16 20	1 30	11 7	0 38	23 5	0 15	18 40	2 1	21 32	0 28	19 40	0 24	17 36	5 47	18 3	17 52	9 33	4 46	5 24
T 26	18 45	19 47	1 5	22 41	0s 3	15 57	1 30	11 21	0 39	23 4	0 15	18 41	2 1	21 32	0 28	19 40	0 24	17 36	5 47	18 3	17 51	9 35	4 45	5 24
W27	18 30	20 34	2 7	22 40	0 11	15 33	1 30	11 35	0 40	23 4	0 15	18 42	2 1	21 31	0 28	19 40	0 24	17 36	5 47	18 3	17 50	9 37	4 44	5 24
T 28	18 14	20 19	3 5	22 38	0 19	15 9	1 31	11 49	0 41	23 4	0 14	18 43	2 1	21 30	0 28	19 39	0 24	17 36	5 47	18 1	17 49	9 39	4 43	5 23
F 29	17 58	18 58	3 55	22 34	0 27	14 44	1 31	12 3	0 42	23 3	0 14	18 43	2 1	21 30	0 28	19 39	0 24	17 36	5 47	17 59	17 49	9 41	4 42	5 23
S 30	17 42	16 30	4 33	22 30	0 34	14 19	1 31	12 17	0 42	23 3	0 14	18 44	2 1	21 29	0 28	19 38	0 24	17 36	5 47	17 56	17 48	9 43	4 40	5 23
S 31	17s25	13n 2	4s55	22s24	0s41	13s53	1s31	12n31	0n43	23s 2	0n14	18s45	2n 1	21s28	0s28	19s38	0n24	17n37	5s47	17s53	17s47	9n44	4s39	5n23

Julian Day Number = 2510714.5, Delta T = 130.28 sec
Ecliptic obliquity = 23°24'59, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°00'14, Lahiri = 26°07'15

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2162
geocentric

FEBRUARY 2162 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 45 8	12♒ 7'14	24♌ 8	22♑51	28♒22	1♉43	6♑22	3♐ 1	25♑38	0♒36	2°R54	20°R24	20♏10	18♈35	5♓ 4	M 1
T 2	8 49 4	13° 8'08	8♍38	24°18	29°37	2°20	6°35	3° 5	25°41	0°38	2♋53	20♏13	20° 7	18°41	5° 8	T 2
W 3	8 53 1	14° 9'02	23°13	25°46	0♓52	2°57	6°47	3° 8	25°45	0°41	2°52	20° 3	20° 4	18°48	5°12	W 3
T 4	8 56 57	15° 9'55	7♎45	27°15	2° 7	3°35	6°59	3°12	25°48	0°43	2°52	19°57	20° 0	18°55	5°15	T 4
F 5	9 0 54	16°10'47	22° 9	28°44	3°22	4°12	7°11	3°16	25°51	0°45	2°51	19°53	19°57	19° 1	5°19	F 5
S 6	9 4 50	17°11'38	6♏22	0♒15	4°37	4°50	7°23	3°19	25°55	0°47	2°50	19°52	19°54	19° 8	5°23	S 6
S 7	9 8 47	18°12'29	20°23	1°46	5°52	5°27	7°35	3°23	25°58	0°50	2°49	19°51	19°51	19°15	5°27	S 7
M 8	9 12 44	19°13'19	4♐11	3°17	7° 7	6° 5	7°47	3°26	26° 1	0°52	2°48	19°51	19°48	19°21	5°31	M 8
T 9	9 16 40	20°14'08	17°48	4°50	8°22	6°42	7°59	3°29	26° 5	0°54	2°48	19°49	19°44	19°28	5°35	T 9
W10	9 20 37	21°14'56	1♑13	6°24	9°37	7°20	8°11	3°33	26° 8	0°56	2°47	19°45	19°41	19°35	5°39	W10
T 11	9 24 33	22°15'43	14°28	7°58	10°52	7°57	8°23	3°36	26°11	0°58	2°46	19°38	19°38	19°41	5°43	T 11
F 12	9 28 30	23°16'29	27°32	9°33	12° 7	8°35	8°34	3°39	26°15	1° 0	2°45	19°27	19°35	19°48	5°47	F 12
S 13	9 32 26	24°17'14	10♒24	11° 9	13°22	9°13	8°46	3°42	26°18	1° 3	2°45	19°14	19°32	19°55	5°51	S 13
S 14	9 36 23	25°17'57	23° 6	12°45	14°36	9°50	8°57	3°44	26°21	1° 5	2°44	19° 0	19°29	20° 1	5°55	S 14
M15	9 40 19	26°18'39	5♓34	14°23	15°51	10°28	9° 9	3°47	26°24	1° 7	2°43	18°46	19°25	20° 8	5°59	M15
T 16	9 44 16	27°19'20	17°51	16° 1	17° 6	11° 6	9°20	3°50	26°28	1° 9	2°43	18°33	19°22	20°15	6° 3	T 16
W17	9 48 13	28°19'59	29°56	17°40	18°21	11°44	9°31	3°52	26°31	1°11	2°42	18°22	19°19	20°21	6° 7	W17
T 18	9 52 9	29°20'37	11♈52	19°20	19°35	12°21	9°42	3°55	26°34	1°13	2°41	18°14	19°16	20°28	6°12	T 18
F 19	9 56 6	0♓21'13	23°42	21° 1	20°50	12°59	9°53	3°57	26°37	1°15	2°41	18° 9	19°13	20°35	6°16	F 19
S 20	10 0 2	1°21'47	5♉29	22°42	22° 5	13°37	10° 4	3°59	26°40	1°17	2°40	18° 7	19° 9	20°41	6°20	S 20
S 21	10 3 59	2°22'19	17°17	24°25	23°19	14°15	10°15	4° 1	26°43	1°19	2°40	18°D 6	19° 6	20°48	6°24	S 21
M22	10 7 55	3°22'50	29°13	26° 9	24°34	14°53	10°26	4° 3	26°46	1°21	2°39	18°R 6	19° 3	20°55	6°28	M22
T 23	10 11 52	4°23'19	11♊22	27°53	25°48	15°31	10°37	4° 5	26°49	1°23	2°39	18° 6	19° 0	21° 1	6°32	T 23
W24	10 15 48	5°23'46	23°49	29°38	27° 3	16° 9	10°47	4° 7	26°52	1°25	2°38	18° 4	18°57	21° 8	6°36	W24
T 25	10 19 45	6°24'12	6♋39	1♓25	28°17	16°47	10°58	4° 9	26°55	1°27	2°38	18° 1	18°54	21°15	6°40	T 25
F 26	10 23 41	7°24'35	19°55	3°12	29°32	17°25	11° 8	4°10	26°58	1°29	2°37	17°54	18°50	21°21	6°44	F 26
S 27	10 27 38	8°24'57	3♌40	5° 0	0♈46	18° 3	11°18	4°12	27° 1	1°31	2°37	17°46	18°47	21°28	6°48	S 27
S 28	10 31 35	9♓25'16	17♌53	6♓49	2♈ 0	18♉41	11♑29	4♐13	27♑ 4	1♒33	2♋37	17♏36	18♏44	21♈35	6♓52	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17s 9	8n45	5s 0	22s17	0s48	13s27	1s31	12n45	0n44	23s 2	0n14	18s45	2n 2	21s28	0s29	19s37	0n24	17n37	5s46	17s50	17s46	9n46	4s38	5n23
T 2	16 52	3 55	4 45	22 8	0 55	13 1	1 31	12 58	0 45	23 1	0 14	18 46	2 2	21 27	0 29	19 37	0 24	17 37	5 46	17 47	17 45	9 48	4 37	5 23
W 3	16 34	1s10	4 12	21 59	1 2	12 35	1 31	13 12	0 46	23 1	0 14	18 46	2 2	21 27	0 29	19 36	0 24	17 37	5 46	17 44	17 44	9 50	4 36	5 22
T 4	16 16	6 11	3 23	21 48	1 8	12 8	1 31	13 25	0 46	23 0	0 14	18 47	2 2	21 26	0 29	19 36	0 24	17 37	5 46	17 43	17 44	9 52	4 34	5 22
F 5	15 58	10 48	2 21	21 36	1 14	11 40	1 31	13 39	0 47	22 59	0 14	18 47	2 2	21 25	0 29	19 35	0 24	17 37	5 46	17 42	17 43	9 54	4 33	5 22
S 6	15 40	14 45	1 11	21 22	1 19	11 13	1 31	13 52	0 48	22 59	0 14	18 48	2 2	21 25	0 29	19 35	0 24	17 38	5 46	17 41	17 42	9 55	4 32	5 22
S 7	15 21	17 47	0n 3	21 8	1 25	10 45	1 30	14 5	0 49	22 58	0 14	18 48	2 2	21 24	0 29	19 34	0 24	17 38	5 46	17 41	17 41	9 57	4 30	5 22
M 8	15 3	19 44	1 15	20 52	1 30	10 17	1 30	14 19	0 49	22 58	0 14	18 49	2 3	21 24	0 29	19 34	0 23	17 38	5 45	17 41	17 40	9 59	4 29	5 22
T 9	14 44	20 30	2 22	20 34	1 35	9 48	1 30	14 32	0 50	22 57	0 14	18 49	2 3	21 23	0 29	19 33	0 23	17 38	5 45	17 41	17 39	10 1	4 28	5 21
W10	14 24	20 5	3 20	20 15	1 39	9 20	1 29	14 45	0 51	22 56	0 14	18 50	2 3	21 22	0 29	19 33	0 23	17 38	5 45	17 39	17 38	10 3	4 27	5 21
T 11	14 5	18 33	4 6	19 55	1 43	8 51	1 28	14 58	0 51	22 56	0 13	18 50	2 3	21 22	0 29	19 32	0 23	17 38	5 45	17 37	17 38	10 5	4 25	5 21
F 12	13 45	16 5	4 39	19 34	1 47	8 22	1 28	15 10	0 52	22 55	0 13	18 51	2 3	21 21	0 29	19 32	0 23	17 39	5 45	17 35	17 37	10 6	4 24	5 21
S 13	13 25	12 51	4 56	19 11	1 51	7 52	1 27	15 23	0 53	22 54	0 13	18 51	2 3	21 20	0 29	19 32	0 23	17 39	5 45	17 31	17 36	10 8	4 23	5 21
S 14	13 5	9 5	4 59	18 47	1 54	7 23	1 26	15 36	0 53	22 54	0 13	18 51	2 4	21 20	0 29	19 31	0 23	17 39	5 45	17 27	17 35	10 10	4 21	5 21
M15	12 44	5 0	4 47	18 22	1 57	6 53	1 25	15 48	0 54	22 53	0 13	18 52	2 4	21 19	0 29	19 31	0 23	17 39	5 44	17 23	17 34	10 12	4 20	5 21
T 16	12 23	0 46	4 22	17 55	2 0	6 23	1 24	16 1	0 55	22 52	0 13	18 52	2 4	21 19	0 29	19 30	0 23	17 39	5 44	17 20	17 33	10 14	4 18	5 21
W17	12 3	3n26	3 46	17 27	2 2	5 53	1 23	16 13	0 55	22 51	0 13	18 52	2 4	21 18	0 29	19 30	0 23	17 39	5 44	17 17	17 32	10 15	4 17	5 21
T 18	11 41	7 27	2 59	16 58	2 4	5 23	1 22	16 25	0 56	22 51	0 13	18 53	2 4	21 18	0 29	19 29	0 23	17 40	5 44	17 15	17 32	10 17	4 16	5 20
F 19	11 20	11 8	2 6	16 27	2 5	4 52	1 21	16 37	0 56	22 50	0 13	18 53	2 4	21 17	0 29	19 29	0 23	17 40	5 44	17 13	17 31	10 19	4 14	5 20
S 20	10 59	14 23	1 7	15 55	2 6	4 22	1 20	16 49	0 57	22 49	0 13	18 53	2 5	21 16	0 29	19 28	0 23	17 40	5 44	17 12	17 30	10 21	4 13	5 20
S 21	10 37	17 3	0 4	15 22	2 7	3 51	1 18	17 1	0 58	22 49	0 13	18 53	2 5	21 16	0 29	19 28	0 23	17 40	5 43	17 12	17 29	10 23	4 11	5 20
M22	10 15	19 0	0s59	14 47	2 7	3 20	1 17	17 13	0 58	22 48	0 13	18 54	2 5	21 15	0 29	19 27	0 23	17 40	5 43	17 12	17 28	10 24	4 10	5 20
T 23	9 54	20 8	2 0	14 11	2 7	2 49	1 16	17 24	0 59	22 47	0 13	18 54	2 5	21 15	0 29	19 27	0 23	17 40	5 43	17 12	17 27	10 26	4 9	5 20
W24	9 31	20 19	2 58	13 33	2 6	2 18	1 14	17 36	0 59	22 46	0 13	18 54	2 5	21 14	0 29	19 27	0 23	17 41	5 43	17 12	17 26	10 28	4 7	5 20
T 25	9 9	19 27	3 48	12 55	2 5	1 47	1 13	17 47	1 0	22 45	0 12	18 54	2 5	21 14	0 29	19 26	0 23	17 41	5 43	17 11	17 25	10 30	4 6	5 20
F 26	8 47	17 31	4 28	12 15	2 4	1 16	1 11	17 58	1 0	22 45	0 12	18 54	2 6	21 13	0 29	19 26	0 23	17 41	5 43	17 9	17 25	10 32	4 4	5 20
S 27	8 24	14 33	4 54	11 33	2 2	0 45	1 9	18 10	1 1	22 44	0 12	18 54	2 6	21 13	0 29	19 25	0 23	17 41	5 42	17 7	17 24	10 33	4 3	5 20
S 28	8s 2	10n39	5s 3	10s50	1s59	0s14	1s 8	18n21	1n 1	22s43	0n12	18s54	2n 6	21s12	0s29	19s25	0n23	17n41	5s42	17s 4	17s23	10n35	4s 1	5n20

Julian Day Number = 2510745.5, Delta T = 130.34 sec
Ecliptic obliquity = 23°25'00, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°00'19, Lahiri = 26°07'19

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2162
geocentric

MARCH 2162 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 35 31	10♓25'34	2♍29	8♓40	3♈15	19♉19	11♑39	4♐15	27♑ 7	1♒35	2°R36	17°R25	18♏41	21♈41	6♓57	M 1
T 2	10 39 28	11°25'50	17°21	10°31	4°29	19°56	11°49	4°16	27° 9	1°37	2♋36	17♏15	18°38	21°48	7° 1	T 2
W 3	10 43 24	12°26'05	2♎20	12°23	5°43	20°34	11°59	4°17	27°12	1°38	2°36	17° 6	18°35	21°55	7° 5	W 3
T 4	10 47 21	13°26'17	17°17	14°16	6°57	21°12	12° 8	4°18	27°15	1°40	2°35	17° 0	18°31	22° 1	7° 9	T 4
F 5	10 51 17	14°26'28	2♏ 5	16° 9	8°12	21°50	12°18	4°19	27°18	1°42	2°35	16°57	18°28	22° 8	7°13	F 5
S 6	10 55 14	15°26'38	16°36	18° 4	9°26	22°29	12°27	4°20	27°20	1°44	2°35	16°D56	18°25	22°15	7°17	S 6
S 7	10 59 10	16°26'46	0♐48	19°59	10°40	23° 7	12°37	4°21	27°23	1°46	2°35	16°57	18°22	22°21	7°21	S 7
M 8	11 3 7	17°26'53	14°41	21°55	11°54	23°45	12°46	4°21	27°26	1°47	2°34	16°R57	18°19	22°28	7°25	M 8
T 9	11 7 4	18°26'58	28°14	23°51	13° 8	24°23	12°55	4°22	27°28	1°49	2°34	16°57	18°15	22°35	7°29	T 9
W10	11 11 0	19°27'02	11♑29	25°48	14°22	25° 1	13° 4	4°22	27°31	1°51	2°34	16°55	18°12	22°41	7°33	W10
T 11	11 14 57	20°27'04	24°29	27°44	15°36	25°39	13°13	4°23	27°33	1°52	2°34	16°50	18° 9	22°48	7°37	T 11
F 12	11 18 53	21°27'04	7♒15	29°41	16°50	26°17	13°22	4°23	27°36	1°54	2°34	16°43	18° 6	22°54	7°41	F 12
S 13	11 22 50	22°27'02	19°49	1♈38	18° 3	26°55	13°31	4°23	27°38	1°56	2°34	16°34	18° 3	23° 1	7°45	S 13
S 14	11 26 46	23°26'59	2♓12	3°34	19°17	27°33	13°40	4°R23	27°40	1°57	2°33	16°24	18° 0	23° 8	7°49	S 14
M15	11 30 43	24°26'54	14°25	5°29	20°31	28°11	13°48	4°23	27°43	1°59	2°33	16°13	17°56	23°14	7°53	M15
T 16	11 34 39	25°26'47	26°30	7°23	21°45	28°49	13°56	4°23	27°45	2° 0	2°33	16° 4	17°53	23°21	7°57	T 16
W17	11 38 36	26°26'38	8♈27	9°15	22°58	29°27	14° 4	4°22	27°47	2° 2	2°D33	15°56	17°50	23°28	8° 1	W17
T 18	11 42 33	27°26'27	20°19	11° 5	24°12	0♊ 5	14°13	4°22	27°49	2° 3	2°33	15°50	17°47	23°34	8° 5	T 18
F 19	11 46 29	28°26'14	2♉ 6	12°53	25°26	0°43	14°20	4°22	27°52	2° 5	2°33	15°47	17°44	23°41	8° 9	F 19
S 20	11 50 26	29°25'59	13°53	14°38	26°39	1°22	14°28	4°21	27°54	2° 6	2°34	15°D46	17°41	23°48	8°12	S 20
S 21	11 54 22	0♈25'42	25°42	16°19	27°53	2° 0	14°36	4°20	27°56	2° 8	2°34	15°46	17°37	23°54	8°16	S 21
M22	11 58 19	1°25'23	7♊38	17°57	29° 6	2°38	14°43	4°20	27°58	2° 9	2°34	15°48	17°34	24° 1	8°20	M22
T 23	12 2 15	2°25'01	19°45	19°30	0♉19	3°16	14°51	4°19	28° 0	2°11	2°34	15°49	17°31	24° 8	8°24	T 23
W24	12 6 12	3°24'38	2♋ 9	20°59	1°33	3°54	14°58	4°18	28° 2	2°12	2°34	15°R50	17°28	24°14	8°28	W24
T 25	12 10 8	4°24'11	14°55	22°22	2°46	4°32	15° 5	4°17	28° 4	2°13	2°34	15°49	17°25	24°21	8°32	T 25
F 26	12 14 5	5°23'43	28° 6	23°40	3°59	5°10	15°12	4°15	28° 6	2°14	2°34	15°47	17°21	24°28	8°35	F 26
S 27	12 18 2	6°23'12	11♌46	24°52	5°12	5°48	15°19	4°14	28° 7	2°16	2°35	15°43	17°18	24°34	8°39	S 27
S 28	12 21 58	7°22'39	25°54	25°57	6°25	6°26	15°25	4°13	28° 9	2°17	2°35	15°38	17°15	24°41	8°43	S 28
M29	12 25 55	8°22'04	10♍30	26°56	7°39	7° 5	15°32	4°11	28°11	2°18	2°35	15°32	17°12	24°48	8°46	M29
T 30	12 29 51	9°21'26	25°27	27°48	8°52	7°43	15°38	4°10	28°13	2°19	2°35	15°27	17° 9	24°54	8°50	T 30
W31	12 33 48	10♈20'47	10♎37	28♈33	10♉ 4	8♊21	15♑44	4♐ 8	28♑14	2♒20	2♋36	15♏22	17♏ 6	25♈ 1	8♓54	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	7s39	6n 2	4s53	10s 6	1s56	0n17	1s 6	18n32	1n 2	22s42	0n12	18s55	2n 6	21s11	0s29	19s25	0n23	17n42	5s42	17s 1	17s22	10n37	4s 0	5n20
T 2	7 16	0 58	4 23	9 21	1 52	0 48	1 4	18 42	1 2	22 41	0 12	18 55	2 6	21 11	0 29	19 24	0 23	17 42	5 42	16 58	17 21	10 39	3 58	5 20
W 3	6 53	4s12	3 34	8 35	1 48	1 19	1 2	18 53	1 3	22 41	0 12	18 55	2 6	21 10	0 29	19 24	0 23	17 42	5 42	16 56	17 20	10 40	3 57	5 20
T 4	6 30	9 7	2 31	7 47	1 44	1 50	1 0	19 3	1 3	22 40	0 12	18 55	2 7	21 10	0 29	19 23	0 23	17 42	5 41	16 54	17 19	10 42	3 56	5 20
F 5	6 7	13 25	1 19	6 58	1 39	2 21	0 58	19 14	1 3	22 39	0 12	18 55	2 7	21 9	0 29	19 23	0 23	17 42	5 41	16 53	17 18	10 44	3 54	5 20
S 6	5 44	16 49	0 2	6 8	1 33	2 53	0 56	19 24	1 4	22 38	0 12	18 55	2 7	21 9	0 29	19 23	0 23	17 42	5 41	16 53	17 18	10 46	3 53	5 20
S 7	5 21	19 6	1n13	5 17	1 27	3 23	0 54	19 34	1 4	22 37	0 12	18 55	2 7	21 8	0 29	19 22	0 23	17 43	5 41	16 53	17 17	10 47	3 51	5 20
M 8	4 57	20 10	2 23	4 26	1 20	3 54	0 52	19 44	1 5	22 37	0 12	18 55	2 7	21 8	0 29	19 22	0 23	17 43	5 41	16 53	17 16	10 49	3 50	5 20
T 9	4 34	20 2	3 22	3 33	1 12	4 25	0 49	19 54	1 5	22 36	0 12	18 54	2 7	21 7	0 29	19 21	0 23	17 43	5 41	16 53	17 15	10 51	3 48	5 20
W10	4 10	18 47	4 10	2 39	1 4	4 56	0 47	20 4	1 5	22 35	0 12	18 54	2 8	21 7	0 29	19 21	0 23	17 43	5 40	16 52	17 14	10 53	3 47	5 20
T 11	3 47	16 34	4 43	1 45	0 56	5 27	0 45	20 13	1 6	22 34	0 11	18 54	2 8	21 7	0 29	19 21	0 23	17 43	5 40	16 51	17 13	10 54	3 45	5 20
F 12	3 23	13 35	5 1	0 50	0 46	5 57	0 42	20 22	1 6	22 33	0 11	18 54	2 8	21 6	0 29	19 20	0 23	17 44	5 40	16 49	17 12	10 56	3 44	5 20
S 13	3 0	10 2	5 5	0n 5	0 37	6 28	0 40	20 32	1 7	22 33	0 11	18 54	2 8	21 6	0 29	19 20	0 23	17 44	5 40	16 46	17 11	10 58	3 42	5 20
S 14	2 36	6 6	4 54	1 1	0 26	6 58	0 38	20 41	1 7	22 32	0 11	18 54	2 8	21 5	0 29	19 20	0 23	17 44	5 40	16 43	17 11	11 0	3 41	5 20
M15	2 12	1 58	4 30	1 56	0 16	7 28	0 35	20 50	1 7	22 31	0 11	18 54	2 8	21 5	0 29	19 19	0 23	17 44	5 40	16 40	17 10	11 1	3 39	5 20
T 16	1 48	2n11	3 54	2 51	0 4	7 58	0 32	20 59	1 8	22 30	0 11	18 53	2 9	21 4	0 29	19 19	0 23	17 44	5 39	16 38	17 9	11 3	3 38	5 20
W17	1 25	6 13	3 7	3 46	0n 7	8 28	0 30	21 7	1 8	22 29	0 11	18 53	2 9	21 4	0 29	19 19	0 23	17 44	5 39	16 36	17 8	11 5	3 36	5 20
T 18	1 1	9 59	2 13	4 41	0 19	8 57	0 27	21 16	1 8	22 29	0 11	18 53	2 9	21 4	0 29	19 18	0 23	17 45	5 39	16 34	17 7	11 7	3 35	5 20
F 19	0 37	13 20	1 13	5 34	0 32	9 27	0 25	21 24	1 9	22 28	0 11	18 53	2 9	21 3	0 29	19 18	0 23	17 45	5 39	16 33	17 6	11 8	3 33	5 20
S 20	0 14	16 9	0 10	6 26	0 44	9 56	0 22	21 32	1 9	22 27	0 11	18 52	2 9	21 3	0 30	19 18	0 23	17 45	5 39	16 33	17 5	11 10	3 32	5 20
S 21	0n10	18 18	0s54	7 17	0 57	10 25	0 19	21 40	1 9	22 26	0 11	18 52	2 9	21 2	0 30	19 17	0 23	17 45	5 38	16 33	17 4	11 12	3 30	5 20
M22	0 34	19 39	1 56	8 6	1 9	10 53	0 16	21 48	1 9	22 26	0 11	18 52	2 10	21 2	0 30	19 17	0 23	17 45	5 38	16 33	17 3	11 13	3 29	5 20
T 23	0 58	20 8	2 54	8 53	1 22	11 22	0 14	21 56	1 10	22 25	0 11	18 52	2 10	21 2	0 30	19 17	0 23	17 45	5 38	16 34	17 3	11 15	3 27	5 20
W24	1 21	19 39	3 45	9 38	1 34	11 50	0 11	22 3	1 10	22 24	0 11	18 51	2 10	21 1	0 30	19 16	0 23	17 46	5 38	16 34	17 2	11 17	3 26	5 20
T 25	1 45	18 9	4 27	10 21	1 47	12 18	0 8	22 11	1 10	22 23	0 10	18 51	2 10	21 1	0 30	19 16	0 23	17 46	5 38	16 34	17 1	11 19	3 24	5 20
F 26	2 8	15 41	4 56	11 1	1 59	12 46	0 5	22 18	1 11	22 23	0 10	18 51	2 10	21 0	0 30	19 16	0 23	17 46	5 38	16 33	17 0	11 20	3 23	5 21
S 27	2 32	12 16	5 10	11 38	2 10	13 13	0 2	22 25	1 11	22 22	0 10	18 50	2 10	21 0	0 30	19 15	0 23	17 46	5 37	16 32	16 59	11 22	3 22	5 21
S 28	2 55	8 4	5 6	12 12	2 21	13 40	0n 1	22 32	1 11	22 21	0 10	18 50	2 10	21 0	0 30	19 15	0 23	17 46	5 37	16 30	16 58	11 24	3 20	5 21
M29	3 19	3 16	4 42	12 43	2 31	14 6	0 4	22 39	1 11	22 21	0 10	18 49	2 11	21 0	0 30	19 15	0 23	17 47	5 37	16 29	16 57	11 25	3 19	5 21
T 30	3 42	1s51	3 59	13 11	2 40	14 33	0 7	22 45	1 12	22 20	0 10	18 49	2 11	20 59	0 30	19 15	0 23	17 47	5 37	16 27	16 56	11 27	3 17	5 21
W31	4n 6	6s56	2s58	13n35	2n49	14n59	0n10	22n51	1n12	22s19	0n10	18s48	2n11	20s59	0s30	19s14	0n23	17n47	5s37	16s26	16s55	11n29	3s16	5n21

Julian Day Number = 2510773.5, Delta T = 130.40 sec
Ecliptic obliquity = 23°25'00, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°00'23, Lahiri = 26°07'23

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2162
geocentric

APRIL 2162 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 37 44	11♈20'05	25♎50	29♈11	11♉17	8♊59	15♑50	4°R 6	28♑16	2♒22	2♋36	15°R19	17♏ 2	25♈ 8	8♓57	T 1
F 2	12 41 41	12°19'21	10♏56	29°41	12°30	9°37	15°56	4♐ 4	28°17	2°23	2°36	15°D18	16°59	25°14	9° 1	F 2
S 3	12 45 37	13°18'36	25°47	0♉ 4	13°43	10°15	16° 2	4° 2	28°19	2°24	2°37	15♏18	16°56	25°21	9° 4	S 3
S 4	12 49 34	14°17'49	10♐17	0°20	14°56	10°53	16° 8	4° 0	28°20	2°25	2°37	15°20	16°53	25°28	9° 8	S 4
M 5	12 53 30	15°17'00	24°23	0°28	16° 8	11°31	16°13	3°58	28°22	2°26	2°38	15°21	16°50	25°34	9°11	M 5
T 6	12 57 27	16°16'09	8♑ 3	0°R29	17°21	12° 9	16°18	3°56	28°23	2°27	2°38	15°22	16°46	25°41	9°15	T 6
W 7	13 1 24	17°15'17	21°21	0°23	18°33	12°47	16°23	3°54	28°25	2°28	2°39	15°R22	16°43	25°48	9°18	W 7
T 8	13 5 20	18°14'23	4♒17	0°11	19°46	13°25	16°28	3°51	28°26	2°28	2°39	15°21	16°40	25°54	9°22	T 8
F 9	13 9 17	19°13'27	16°54	29♈53	20°58	14° 3	16°33	3°49	28°27	2°29	2°40	15°19	16°37	26° 1	9°25	F 9
S 10	13 13 13	20°12'29	29°17	29°28	22°10	14°41	16°38	3°46	28°28	2°30	2°40	15°16	16°34	26° 7	9°28	S 10
S 11	13 17 10	21°11'29	11♓28	28°59	23°23	15°19	16°42	3°44	28°29	2°31	2°41	15°12	16°31	26°14	9°32	S 11
M12	13 21 6	22°10'28	23°30	28°25	24°35	15°57	16°46	3°41	28°30	2°32	2°41	15° 8	16°27	26°21	9°35	M12
T 13	13 25 3	23° 9'25	5♈25	27°47	25°47	16°35	16°50	3°38	28°31	2°32	2°42	15° 4	16°24	26°27	9°38	T 13
W14	13 28 59	24° 8'19	17°16	27° 6	26°59	17°14	16°54	3°35	28°32	2°33	2°42	15° 1	16°21	26°34	9°41	W14
T 15	13 32 56	25° 7'12	29° 4	26°23	28°11	17°52	16°58	3°33	28°33	2°34	2°43	14°59	16°18	26°41	9°44	T 15
F 16	13 36 53	26° 6'03	10♉51	25°39	29°23	18°30	17° 1	3°30	28°34	2°34	2°44	14°D58	16°15	26°47	9°47	F 16
S 17	13 40 49	27° 4'52	22°40	24°54	0♊35	19° 8	17° 5	3°26	28°35	2°35	2°44	14°59	16°12	26°54	9°51	S 17
S 18	13 44 46	28° 3'38	4♊34	24° 9	1°47	19°46	17° 8	3°23	28°36	2°36	2°45	14°59	16° 8	27° 1	9°54	S 18
M19	13 48 42	29° 2'23	16°35	23°26	2°58	20°24	17°11	3°20	28°37	2°36	2°46	15° 1	16° 5	27° 7	9°57	M19
T 20	13 52 39	0♉ 1'06	28°47	22°45	4°10	21° 2	17°14	3°17	28°37	2°37	2°47	15° 2	16° 2	27°14	9°59	T 20
W21	13 56 35	0°59'46	11♋13	22° 6	5°22	21°40	17°16	3°13	28°38	2°37	2°47	15° 3	15°59	27°21	10° 2	W21
T 22	14 0 32	1°58'24	23°58	21°30	6°33	22°18	17°19	3°10	28°38	2°37	2°48	15° 4	15°56	27°27	10° 5	T 22
F 23	14 4 28	2°57'00	7♌ 4	20°58	7°44	22°56	17°21	3° 6	28°39	2°38	2°49	15°R 4	15°52	27°34	10° 8	F 23
S 24	14 8 25	3°55'34	20°36	20°31	8°56	23°34	17°23	3° 3	28°39	2°38	2°50	15° 4	15°49	27°41	10°11	S 24
S 25	14 12 22	4°54'05	4♍34	20° 7	10° 7	24°12	17°25	2°59	28°40	2°39	2°51	15° 3	15°46	27°47	10°14	S 25
M26	14 16 18	5°52'34	18°57	19°48	11°18	24°50	17°27	2°55	28°40	2°39	2°51	15° 2	15°43	27°54	10°16	M26
T 27	14 20 15	6°51'01	3♎43	19°35	12°29	25°28	17°28	2°52	28°41	2°39	2°52	15° 1	15°40	28° 1	10°19	T 27
W28	14 24 11	7°49'26	18°46	19°26	13°40	26° 6	17°30	2°48	28°41	2°39	2°53	15° 0	15°37	28° 7	10°22	W28
T 29	14 28 8	8°47'49	3♏57	19°D22	14°51	26°43	17°31	2°44	28°41	2°40	2°54	15° 0	15°33	28°14	10°24	T 29
F 30	14 32 4	9♉46'11	19♏ 8	19♈23	16♊ 2	27♊21	17♑32	2♐40	28♑41	2♒40	2♋55	14°D59	15♏30	28♈21	10♓27	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n29	11s36	1s45	13n55	2n56	15n24	0n13	22n58	1n12	22s19	0n10	18s48	2n11	20s59	0s30	19s14	0n23	17n47	5s36	16s25	16s54	11n30	3s14	5n21
F 2	4 52	15 28	0 24	14 12	3 3	15 50	0 16	23 4	1 12	22 18	0 10	18 48	2 11	20 58	0 30	19 14	0 23	17 47	5 36	16 25	16 54	11 32	3 13	5 21
S 3	5 15	18 16	0n57	14 25	3 8	16 14	0 19	23 10	1 12	22 18	0 10	18 47	2 11	20 58	0 30	19 14	0 23	17 47	5 36	16 25	16 53	11 34	3 11	5 21
S 4	5 38	19 47	2 13	14 34	3 12	16 39	0 22	23 15	1 13	22 17	0 10	18 47	2 11	20 58	0 30	19 13	0 23	17 48	5 36	16 25	16 52	11 35	3 10	5 21
M 5	6 1	20 0	3 18	14 39	3 14	17 3	0 25	23 21	1 13	22 16	0 10	18 46	2 12	20 58	0 30	19 13	0 23	17 48	5 36	16 25	16 51	11 37	3 9	5 22
T 6	6 24	19 1	4 10	14 41	3 15	17 27	0 28	23 26	1 13	22 16	0 9	18 45	2 12	20 57	0 30	19 13	0 23	17 48	5 36	16 26	16 50	11 39	3 7	5 22
W 7	6 46	17 0	4 47	14 39	3 15	17 50	0 31	23 31	1 13	22 15	0 9	18 45	2 12	20 57	0 30	19 13	0 23	17 48	5 35	16 26	16 49	11 40	3 6	5 22
T 8	7 9	14 11	5 8	14 32	3 13	18 13	0 34	23 36	1 13	22 15	0 9	18 44	2 12	20 57	0 30	19 13	0 23	17 48	5 35	16 25	16 48	11 42	3 4	5 22
F 9	7 31	10 46	5 14	14 22	3 10	18 35	0 37	23 41	1 14	22 14	0 9	18 44	2 12	20 57	0 30	19 12	0 23	17 48	5 35	16 25	16 47	11 44	3 3	5 22
S 10	7 53	6 57	5 5	14 9	3 5	18 57	0 40	23 46	1 14	22 14	0 9	18 43	2 12	20 56	0 30	19 12	0 23	17 49	5 35	16 24	16 46	11 45	3 2	5 22
S 11	8 16	2 54	4 42	13 52	2 58	19 18	0 43	23 50	1 14	22 13	0 9	18 43	2 12	20 56	0 30	19 12	0 23	17 49	5 35	16 23	16 45	11 47	3 0	5 22
M12	8 38	1n12	4 7	13 32	2 50	19 39	0 46	23 54	1 14	22 13	0 9	18 42	2 12	20 56	0 30	19 12	0 23	17 49	5 35	16 22	16 45	11 49	2 59	5 23
T 13	8 59	5 14	3 21	13 10	2 40	19 59	0 49	23 58	1 14	22 13	0 9	18 41	2 13	20 56	0 30	19 12	0 23	17 49	5 34	16 20	16 44	11 50	2 58	5 23
W14	9 21	9 2	2 27	12 44	2 29	20 19	0 52	24 2	1 14	22 12	0 9	18 41	2 13	20 56	0 30	19 11	0 23	17 49	5 34	16 20	16 43	11 52	2 56	5 23
T 15	9 43	12 29	1 27	12 17	2 16	20 38	0 55	24 6	1 15	22 12	0 9	18 40	2 13	20 56	0 30	19 11	0 23	17 49	5 34	16 19	16 42	11 54	2 55	5 23
F 16	10 4	15 26	0 23	11 48	2 3	20 57	0 58	24 10	1 15	22 11	0 9	18 39	2 13	20 55	0 30	19 11	0 23	17 50	5 34	16 19	16 41	11 55	2 54	5 23
S 17	10 25	17 44	0s42	11 18	1 48	21 15	1 1	24 13	1 15	22 11	0 9	18 39	2 13	20 55	0 30	19 11	0 23	17 50	5 34	16 19	16 40	11 57	2 52	5 23
S 18	10 46	19 17	1 46	10 48	1 32	21 33	1 4	24 16	1 15	22 11	0 8	18 38	2 13	20 55	0 30	19 11	0 23	17 50	5 34	16 19	16 39	11 58	2 51	5 24
M19	11 7	19 59	2 46	10 17	1 16	21 50	1 7	24 19	1 15	22 11	0 8	18 37	2 13	20 55	0 30	19 11	0 23	17 50	5 33	16 19	16 38	12 0	2 50	5 24
T 20	11 28	19 45	3 40	9 46	1 0	22 7	1 10	24 22	1 15	22 10	0 8	18 37	2 13	20 55	0 30	19 11	0 23	17 50	5 33	16 20	16 37	12 2	2 49	5 24
W21	11 49	18 34	4 24	9 16	0 43	22 22	1 13	24 24	1 15	22 10	0 8	18 36	2 13	20 55	0 31	19 11	0 23	17 50	5 33	16 20	16 36	12 3	2 47	5 24
T 22	12 9	16 26	4 56	8 47	0 26	22 38	1 16	24 27	1 15	22 10	0 8	18 35	2 13	20 55	0 31	19 10	0 23	17 50	5 33	16 20	16 35	12 5	2 46	5 24
F 23	12 29	13 25	5 14	8 19	0 9	22 53	1 19	24 29	1 16	22 10	0 8	18 34	2 14	20 55	0 31	19 10	0 23	17 51	5 33	16 20	16 34	12 7	2 45	5 25
S 24	12 49	9 37	5 16	7 54	0s 7	23 7	1 22	24 31	1 16	22 9	0 8	18 34	2 14	20 55	0 31	19 10	0 23	17 51	5 33	16 20	16 34	12 8	2 44	5 25
S 25	13 9	5 11	4 59	7 30	0 23	23 20	1 24	24 33	1 16	22 9	0 8	18 33	2 14	20 54	0 31	19 10	0 23	17 51	5 32	16 20	16 33	12 10	2 42	5 25
M26	13 28	0 19	4 24	7 8	0 39	23 33	1 27	24 35	1 16	22 9	0 8	18 32	2 14	20 54	0 31	19 10	0 23	17 51	5 32	16 20	16 32	12 11	2 41	5 25
T 27	13 47	4s41	3 30	6 49	0 54	23 45	1 30	24 36	1 16	22 9	0 8	18 31	2 14	20 54	0 31	19 10	0 23	17 51	5 32	16 19	16 31	12 13	2 40	5 25
W28	14 6	9 31	2 21	6 32	1 9	23 57	1 32	24 38	1 16	22 9	0 8	18 31	2 14	20 54	0 31	19 10	0 23	17 51	5 32	16 19	16 30	12 15	2 39	5 26
T 29	14 25	13 47	1 1	6 18	1 23	24 8	1 35	24 39	1 16	22 9	0 7	18 30	2 14	20 54	0 31	19 10	0 23	17 51	5 32	16 19	16 29	12 16	2 38	5 26
F 30	14n44	17s 7	0n23	6n 6	1s36	24n18	1n38	24n40	1n16	22s 9	0n 7	18s29	2n14	20s54	0s31	19s10	0n23	17n52	5s32	16s19	16s28	12n18	2s37	5n26

Julian Day Number = 2510804.5, Delta T = 130.46 sec
Ecliptic obliquity = 23°25'00, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°00'27, Lahiri = 26°07'27

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2162
geocentric

MAY 2162 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 36 1	10♉44'30	4♐ 9	19♈29	17♊13	27♊59	17♑32	2°R36	28♑41	2♒40	2♋56	15♏ 0	15♏27	28♈27	10♓29	S 1
S 2	14 39 57	11°42'49	18°51	19°39	18°23	28°37	17°33	2♐32	28°41	2°40	2°57	15° 0	15°24	28°34	10°31	S 2
M 3	14 43 54	12°41'05	3♑10	19°55	19°34	29°15	17°33	2°28	28°R42	2°40	2°58	15° 0	15°21	28°40	10°34	M 3
T 4	14 47 51	13°39'20	17° 2	20°15	20°44	29°53	17°34	2°24	28°41	2°40	2°59	15° 0	15°18	28°47	10°36	T 4
W 5	14 51 47	14°37'33	0♒27	20°39	21°55	0♋31	17°R34	2°20	28°41	2°R40	3° 0	15° 0	15°14	28°54	10°38	W 5
T 6	14 55 44	15°35'45	13°27	21° 8	23° 5	1° 9	17°34	2°16	28°41	2°40	3° 1	15° 0	15°11	29° 0	10°41	T 6
F 7	14 59 40	16°33'55	26° 6	21°41	24°15	1°47	17°33	2°12	28°41	2°40	3° 2	15° 1	15° 8	29° 7	10°43	F 7
S 8	15 3 37	17°32'04	8♓25	22°18	25°25	2°25	17°33	2° 7	28°41	2°40	3° 3	15° 1	15° 5	29°14	10°45	S 8
S 9	15 7 33	18°30'12	20°31	22°58	26°35	3° 3	17°32	2° 3	28°41	2°40	3° 4	15° 1	15° 2	29°20	10°47	S 9
M10	15 11 30	19°28'18	2♈27	23°43	27°45	3°40	17°31	1°59	28°40	2°40	3° 5	15° 1	14°58	29°27	10°49	M10
T 11	15 15 26	20°26'22	14°17	24°31	28°55	4°18	17°30	1°55	28°40	2°39	3° 6	15° 2	14°55	29°34	10°51	T 11
W12	15 19 23	21°24'26	26° 4	25°22	0♋ 4	4°56	17°29	1°50	28°39	2°39	3° 7	15° 2	14°52	29°40	10°53	W12
T 13	15 23 20	22°22'27	7♉51	26°17	1°14	5°34	17°27	1°46	28°39	2°39	3° 9	15° 3	14°49	29°47	10°55	T 13
F 14	15 27 16	23°20'27	19°42	27°14	2°23	6°12	17°25	1°41	28°38	2°39	3°10	15°R 3	14°46	29°54	10°57	F 14
S 15	15 31 13	24°18'26	1♊37	28°15	3°33	6°50	17°24	1°37	28°38	2°38	3°11	15° 2	14°43	0♉ 0	10°58	S 15
S 16	15 35 9	25°16'23	13°40	29°19	4°42	7°28	17°22	1°33	28°37	2°38	3°12	15° 2	14°39	0° 7	11° 0	S 16
M17	15 39 6	26°14'19	25°52	0♉25	5°51	8° 5	17°19	1°28	28°37	2°38	3°13	15° 0	14°36	0°14	11° 2	M17
T 18	15 43 2	27°12'13	8♋15	1°35	7° 0	8°43	17°17	1°24	28°36	2°37	3°14	14°59	14°33	0°20	11° 3	T 18
W19	15 46 59	28°10'05	20°52	2°47	8° 9	9°21	17°14	1°19	28°35	2°37	3°16	14°57	14°30	0°27	11° 5	W19
T 20	15 50 55	29° 7'56	3♌44	4° 1	9°18	9°59	17°12	1°15	28°34	2°36	3°17	14°55	14°27	0°34	11° 6	T 20
F 21	15 54 52	0♊ 5'44	16°53	5°19	10°26	10°37	17° 9	1°10	28°34	2°36	3°18	14°54	14°24	0°40	11° 8	F 21
S 22	15 58 49	1° 3'32	0♍21	6°38	11°35	11°15	17° 6	1° 6	28°33	2°35	3°19	14°D54	14°20	0°47	11° 9	S 22
S 23	16 2 45	2° 1'17	14° 9	8° 1	12°43	11°52	17° 2	1° 1	28°32	2°35	3°21	14°54	14°17	0°53	11°11	S 23
M24	16 6 42	2°59'01	28°18	9°25	13°51	12°30	16°59	0°57	28°31	2°34	3°22	14°55	14°14	1° 0	11°12	M24
T 25	16 10 38	3°56'43	12♎47	10°52	14°59	13° 8	16°55	0°52	28°30	2°34	3°23	14°56	14°11	1° 7	11°13	T 25
W26	16 14 35	4°54'23	27°31	12°22	16° 7	13°46	16°51	0°48	28°29	2°33	3°24	14°57	14° 8	1°13	11°14	W26
T 27	16 18 31	5°52'03	12♏26	13°53	17°15	14°23	16°47	0°43	28°27	2°32	3°26	14°R58	14° 4	1°20	11°15	T 27
F 28	16 22 28	6°49'41	27°25	15°28	18°22	15° 1	16°43	0°39	28°26	2°31	3°27	14°58	14° 1	1°27	11°16	F 28
S 29	16 26 24	7°47'17	12♐19	17° 4	19°30	15°39	16°39	0°35	28°25	2°31	3°28	14°56	13°58	1°33	11°17	S 29
S 30	16 30 21	8°44'53	27° 0	18°43	20°37	16°17	16°34	0°30	28°24	2°30	3°30	14°54	13°55	1°40	11°18	S 30
M31	16 34 18	9♊42'27	11♑23	20♉24	21♋44	16♋55	16♑30	0♐26	28♑23	2♒29	3♋31	14♏50	13♏52	1♉47	11♓19	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15n 2	19s15	1n45	5n57	1s48	24n28	1n40	24n40	1n16	22s 9	0n 7	18s28	2n14	20s54	0s31	19s10	0n23	17n52	5s31	16s19	16s27	12n19	2s35	5n26
S 2	15 20	20 0	2 57	5 50	2 0	24 37	1 43	24 41	1 16	22 9	0 7	18 27	2 14	20 54	0 31	19 10	0 23	17 52	5 31	16 19	16 26	12 21	2 34	5 27
M 3	15 38	19 26	3 57	5 46	2 10	24 45	1 45	24 41	1 16	22 9	0 7	18 27	2 14	20 54	0 31	19 10	0 23	17 52	5 31	16 19	16 25	12 23	2 33	5 27
T 4	15 55	17 41	4 41	5 45	2 20	24 53	1 47	24 41	1 16	22 9	0 7	18 26	2 14	20 54	0 31	19 10	0 23	17 52	5 31	16 19	16 24	12 24	2 32	5 27
W 5	16 13	15 1	5 8	5 45	2 29	25 0	1 50	24 41	1 16	22 9	0 7	18 25	2 14	20 55	0 31	19 10	0 23	17 52	5 31	16 19	16 23	12 26	2 31	5 27
T 6	16 30	11 41	5 18	5 49	2 37	25 6	1 52	24 41	1 17	22 9	0 7	18 24	2 14	20 55	0 31	19 10	0 23	17 52	5 31	16 19	16 22	12 27	2 30	5 27
F 7	16 46	7 54	5 12	5 54	2 44	25 12	1 54	24 41	1 17	22 9	0 7	18 23	2 14	20 55	0 31	19 10	0 23	17 52	5 31	16 19	16 22	12 29	2 29	5 28
S 8	17 3	3 53	4 52	6 2	2 51	25 16	1 56	24 40	1 17	22 10	0 6	18 22	2 14	20 55	0 31	19 10	0 23	17 52	5 30	16 19	16 21	12 30	2 28	5 28
S 9	17 19	0n13	4 19	6 12	2 56	25 21	1 58	24 40	1 17	22 10	0 6	18 22	2 14	20 55	0 31	19 10	0 23	17 53	5 30	16 20	16 20	12 32	2 27	5 28
M10	17 35	4 16	3 35	6 23	3 1	25 24	2 0	24 39	1 17	22 10	0 6	18 21	2 14	20 55	0 31	19 10	0 23	17 53	5 30	16 20	16 19	12 34	2 26	5 28
T 11	17 50	8 8	2 43	6 37	3 5	25 27	2 2	24 37	1 17	22 10	0 6	18 20	2 14	20 55	0 31	19 10	0 23	17 53	5 30	16 20	16 18	12 35	2 25	5 29
W12	18 6	11 40	1 44	6 53	3 8	25 29	2 4	24 36	1 17	22 11	0 6	18 19	2 14	20 55	0 31	19 10	0 23	17 53	5 30	16 20	16 17	12 37	2 24	5 29
T 13	18 21	14 45	0 40	7 10	3 11	25 30	2 6	24 35	1 17	22 11	0 6	18 18	2 14	20 55	0 31	19 10	0 23	17 53	5 30	16 20	16 16	12 38	2 23	5 29
F 14	18 35	17 14	0s26	7 29	3 13	25 31	2 8	24 33	1 17	22 11	0 6	18 17	2 14	20 55	0 31	19 10	0 23	17 53	5 30	16 20	16 15	12 40	2 22	5 29
S 15	18 50	18 59	1 31	7 49	3 14	25 31	2 9	24 31	1 17	22 12	0 6	18 16	2 14	20 56	0 31	19 10	0 23	17 53	5 30	16 20	16 14	12 41	2 21	5 30
S 16	19 4	19 54	2 32	8 11	3 14	25 31	2 11	24 29	1 17	22 12	0 6	18 16	2 14	20 56	0 31	19 10	0 24	17 53	5 29	16 20	16 13	12 43	2 20	5 30
M17	19 18	19 54	3 28	8 35	3 14	25 29	2 12	24 27	1 17	22 12	0 6	18 15	2 14	20 56	0 31	19 10	0 24	17 53	5 29	16 19	16 12	12 44	2 20	5 30
T 18	19 31	18 56	4 14	9 0	3 13	25 27	2 14	24 24	1 17	22 13	0 5	18 14	2 14	20 56	0 31	19 10	0 24	17 54	5 29	16 19	16 11	12 46	2 19	5 30
W19	19 44	17 2	4 49	9 26	3 11	25 25	2 15	24 22	1 17	22 13	0 5	18 13	2 14	20 56	0 31	19 11	0 24	17 54	5 29	16 18	16 10	12 47	2 18	5 31
T 20	19 57	14 16	5 11	9 53	3 9	25 21	2 16	24 19	1 17	22 14	0 5	18 12	2 14	20 56	0 31	19 11	0 24	17 54	5 29	16 18	16 9	12 49	2 17	5 31
F 21	20 9	10 44	5 16	10 21	3 6	25 17	2 17	24 16	1 17	22 14	0 5	18 11	2 14	20 57	0 32	19 11	0 24	17 54	5 29	16 18	16 8	12 51	2 16	5 31
S 22	20 21	6 34	5 5	10 51	3 2	25 13	2 18	24 13	1 17	22 15	0 5	18 10	2 14	20 57	0 32	19 11	0 24	17 54	5 29	16 17	16 8	12 52	2 15	5 32
S 23	20 33	1 58	4 36	11 21	2 58	25 7	2 19	24 10	1 17	22 15	0 5	18 10	2 14	20 57	0 32	19 11	0 24	17 54	5 29	16 18	16 7	12 54	2 15	5 32
M24	20 44	2s51	3 50	11 52	2 54	25 1	2 20	24 6	1 17	22 16	0 5	18 9	2 14	20 57	0 32	19 11	0 24	17 54	5 28	16 18	16 6	12 55	2 14	5 32
T 25	20 55	7 38	2 49	12 24	2 48	24 55	2 21	24 2	1 17	22 16	0 5	18 8	2 14	20 58	0 32	19 11	0 24	17 54	5 28	16 18	16 5	12 57	2 13	5 32
W26	21 6	12 3	1 35	12 57	2 43	24 47	2 22	23 59	1 17	22 17	0 4	18 7	2 14	20 58	0 32	19 11	0 24	17 54	5 28	16 18	16 4	12 58	2 13	5 33
T 27	21 16	15 47	0 14	13 30	2 36	24 39	2 22	23 55	1 17	22 17	0 4	18 6	2 14	20 58	0 32	19 12	0 24	17 54	5 28	16 19	16 3	13 0	2 12	5 33
F 28	21 26	18 27	1n 8	14 4	2 29	24 31	2 23	23 50	1 17	22 18	0 4	18 5	2 14	20 58	0 32	19 12	0 24	17 54	5 28	16 19	16 2	13 1	2 11	5 33
S 29	21 35	19 51	2 25	14 39	2 22	24 22	2 23	23 46	1 17	22 19	0 4	18 4	2 14	20 59	0 32	19 12	0 24	17 54	5 28	16 18	16 1	13 3	2 11	5 33
S 30	21 44	19 52	3 31	15 13	2 14	24 12	2 23	23 41	1 17	22 19	0 4	18 4	2 13	20 59	0 32	19 12	0 24	17 55	5 28	16 17	16 0	13 4	2 10	5 34
M31	21n53	18s34	4n23	15n48	2s 6	24n 1	2n23	23n37	1n16	22s20	0n 4	18s 3	2n13	20s59	0s32	19s12	0n24	17n55	5s28	16s16	15s59	13n 6	2s 9	5n34

Julian Day Number = 2510834.5, Delta T = 130.52 sec
Ecliptic obliquity = 23°24'59, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°00'31, Lahiri = 26°07'31

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2162
geocentric

JUNE 2162 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 38 14	10♊40'00	25♑21	22♉ 8	22♋51	17♋32	16°R25	0°R21	28°R21	2°R28	3♋32	14°R47	13♏49	1♉53	11♓20	T 1
W 2	16 42 11	11°37'33	8♒52	23°54	23°58	18°10	16♑20	0♐17	28♑20	2♒28	3°34	14♏43	13°45	2° 0	11°21	W 2
T 3	16 46 7	12°35'04	21°58	25°42	25° 5	18°48	16°15	0°13	28°18	2°27	3°35	14°41	13°42	2° 7	11°21	T 3
F 4	16 50 4	13°32'35	4♓40	27°32	26°11	19°25	16°10	0° 8	28°17	2°26	3°36	14°39	13°39	2°13	11°22	F 4
S 5	16 54 0	14°30'05	17° 1	29°25	27°18	20° 3	16° 4	0° 4	28°16	2°25	3°38	14°D39	13°36	2°20	11°23	S 5
S 6	16 57 57	15°27'34	29° 6	1♊20	28°24	20°41	15°59	29♏59	28°14	2°24	3°39	14°40	13°33	2°27	11°23	S 6
M 7	17 1 53	16°25'02	11♈ 1	3°17	29°30	21°19	15°53	29°56	28°12	2°23	3°41	14°41	13°29	2°33	11°24	M 7
T 8	17 5 50	17°22'30	22°49	5°16	0♌35	21°56	15°47	29°51	28°11	2°22	3°42	14°43	13°26	2°40	11°24	T 8
W 9	17 9 47	18°19'57	4♉36	7°18	1°41	22°34	15°42	29°47	28° 9	2°21	3°43	14°44	13°23	2°47	11°24	W 9
T 10	17 13 43	19°17'24	16°26	9°21	2°46	23°12	15°35	29°43	28° 8	2°20	3°45	14°R45	13°20	2°53	11°25	T 10
F 11	17 17 40	20°14'49	28°22	11°26	3°51	23°50	15°29	29°39	28° 6	2°19	3°46	14°44	13°17	3° 0	11°25	F 11
S 12	17 21 36	21°12'14	10♊26	13°33	4°56	24°27	15°23	29°35	28° 4	2°18	3°48	14°41	13°14	3° 6	11°25	S 12
S 13	17 25 33	22° 9'38	22°42	15°41	6° 1	25° 5	15°17	29°31	28° 2	2°16	3°49	14°37	13°10	3°13	11°25	S 13
M14	17 29 29	23° 7'02	5♋10	17°50	7° 6	25°43	15°10	29°27	28° 1	2°15	3°51	14°31	13° 7	3°20	11°R25	M14
T 15	17 33 26	24° 4'25	17°50	20° 1	8°10	26°20	15° 3	29°23	27°59	2°14	3°52	14°24	13° 4	3°26	11°25	T 15
W16	17 37 22	25° 1'46	0♌45	22°12	9°14	26°58	14°57	29°20	27°57	2°13	3°53	14°18	13° 1	3°33	11°25	W16
T 17	17 41 19	25°59'07	13°52	24°24	10°18	27°36	14°50	29°16	27°55	2°12	3°55	14°11	12°58	3°40	11°25	T 17
F 18	17 45 16	26°56'27	27°13	26°36	11°21	28°14	14°43	29°12	27°53	2°11	3°56	14° 7	12°55	3°46	11°25	F 18
S 19	17 49 12	27°53'46	10♍47	28°48	12°25	28°51	14°36	29° 8	27°51	2° 9	3°58	14° 3	12°51	3°53	11°25	S 19
S 20	17 53 9	28°51'04	24°35	0♋59	13°28	29°29	14°29	29° 5	27°49	2° 8	3°59	14°D 2	12°48	4° 0	11°24	S 20
M21	17 57 5	29°48'22	8♎36	3°11	14°31	0♌ 7	14°22	29° 1	27°47	2° 7	4° 1	14° 2	12°45	4° 6	11°24	M21
T 22	18 1 2	0♋45'38	22°49	5°21	15°33	0°44	14°15	28°58	27°45	2° 5	4° 2	14° 3	12°42	4°13	11°24	T 22
W23	18 4 58	1°42'54	7♏13	7°30	16°35	1°22	14° 7	28°54	27°43	2° 4	4° 4	14°R 4	12°39	4°20	11°23	W23
T 24	18 8 55	2°40'09	21°45	9°38	17°37	2° 0	14° 0	28°51	27°41	2° 3	4° 5	14° 4	12°35	4°26	11°23	T 24
F 25	18 12 51	3°37'23	6♐21	11°44	18°39	2°38	13°53	28°48	27°39	2° 1	4° 6	14° 2	12°32	4°33	11°22	F 25
S 26	18 16 48	4°34'37	20°56	13°49	19°40	3°15	13°45	28°45	27°37	2° 0	4° 8	13°58	12°29	4°40	11°21	S 26
S 27	18 20 45	5°31'51	5♑22	15°52	20°41	3°53	13°38	28°42	27°34	1°59	4° 9	13°52	12°26	4°46	11°21	S 27
M28	18 24 41	6°29'04	19°34	17°54	21°42	4°31	13°30	28°38	27°32	1°57	4°11	13°44	12°23	4°53	11°20	M28
T 29	18 28 38	7°26'17	3♒27	19°53	22°42	5° 8	13°22	28°35	27°30	1°56	4°12	13°36	12°20	4°59	11°19	T 29
W30	18 32 34	8♋23'29	16♒57	21♋51	23♌42	5♌46	13♑15	28♏33	27♑28	1♒54	4♋14	13♏27	12♏16	5♉ 6	11♓18	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n 1	16s11	4n57	16n23	1s57	23n50	2n23	23n32	1n16	22s21	0n 4	18s 2	2n13	20s59	0s32	19s12	0n24	17n55	5s28	16s15	15s58	13n 7	2s 9	5n34
W 2	22 9	12 59	5 13	16 59	1 48	23 39	2 23	23 27	1 16	22 22	0 4	18 1	2 13	21 0	0 32	19 13	0 24	17 55	5 27	16 14	15 57	13 9	2 8	5 35
T 3	22 17	9 15	5 12	17 34	1 39	23 27	2 23	23 22	1 16	22 22	0 3	18 0	2 13	21 0	0 32	19 13	0 24	17 55	5 27	16 14	15 56	13 10	2 8	5 35
F 4	22 24	5 12	4 55	18 9	1 29	23 14	2 23	23 16	1 16	22 23	0 3	18 0	2 13	21 0	0 32	19 13	0 24	17 55	5 27	16 13	15 55	13 12	2 7	5 35
S 5	22 31	1 2	4 26	18 43	1 19	23 1	2 23	23 11	1 16	22 24	0 3	17 59	2 13	21 1	0 32	19 13	0 24	17 55	5 27	16 13	15 54	13 13	2 7	5 35
S 6	22 37	3n 5	3 45	19 17	1 9	22 47	2 22	23 5	1 16	22 25	0 3	17 58	2 13	21 1	0 32	19 13	0 24	17 55	5 27	16 13	15 53	13 15	2 6	5 36
M 7	22 43	7 2	2 55	19 50	0 58	22 32	2 21	22 59	1 16	22 25	0 3	17 57	2 13	21 1	0 32	19 14	0 24	17 55	5 27	16 14	15 52	13 16	2 6	5 36
T 8	22 49	10 41	1 57	20 23	0 47	22 18	2 21	22 53	1 16	22 26	0 3	17 57	2 12	21 2	0 32	19 14	0 24	17 55	5 27	16 14	15 51	13 17	2 6	5 36
W 9	22 54	13 55	0 55	20 54	0 37	22 2	2 20	22 47	1 16	22 27	0 3	17 56	2 12	21 2	0 32	19 14	0 24	17 55	5 27	16 15	15 51	13 19	2 5	5 37
T 10	22 59	16 35	0s 9	21 25	0 26	21 46	2 19	22 40	1 16	22 28	0 3	17 55	2 12	21 2	0 32	19 14	0 24	17 55	5 27	16 15	15 50	13 20	2 5	5 37
F 11	23 3	18 35	1 14	21 53	0 15	21 30	2 18	22 34	1 16	22 29	0 2	17 54	2 12	21 3	0 32	19 15	0 24	17 55	5 27	16 14	15 49	13 22	2 4	5 37
S 12	23 7	19 45	2 16	22 20	0 4	21 13	2 16	22 27	1 16	22 30	0 2	17 54	2 12	21 3	0 32	19 15	0 23	17 55	5 27	16 14	15 48	13 23	2 4	5 37
S 13	23 11	20 1	3 12	22 46	0n 7	20 56	2 15	22 20	1 16	22 30	0 2	17 53	2 12	21 4	0 32	19 15	0 23	17 55	5 27	16 12	15 47	13 25	2 4	5 38
M14	23 14	19 19	4 0	23 9	0 18	20 38	2 13	22 13	1 16	22 31	0 2	17 52	2 12	21 4	0 32	19 15	0 23	17 55	5 26	16 11	15 46	13 26	2 4	5 38
T 15	23 17	17 39	4 37	23 30	0 28	20 20	2 12	22 6	1 15	22 32	0 2	17 52	2 12	21 4	0 32	19 16	0 23	17 55	5 26	16 9	15 45	13 28	2 3	5 38
W16	23 19	15 4	5 1	23 49	0 38	20 1	2 10	21 59	1 15	22 33	0 2	17 51	2 11	21 5	0 32	19 16	0 23	17 55	5 26	16 7	15 44	13 29	2 3	5 39
T 17	23 21	11 42	5 10	24 5	0 47	19 42	2 8	21 51	1 15	22 34	0 2	17 50	2 11	21 5	0 32	19 16	0 23	17 55	5 26	16 5	15 43	13 31	2 3	5 39
F 18	23 23	7 42	5 2	24 19	0 57	19 22	2 6	21 43	1 15	22 35	0 1	17 50	2 11	21 6	0 32	19 16	0 23	17 55	5 26	16 3	15 42	13 32	2 3	5 39
S 19	23 24	3 14	4 37	24 30	1 5	19 3	2 4	21 36	1 15	22 36	0 1	17 49	2 11	21 6	0 32	19 17	0 23	17 55	5 26	16 3	15 41	13 33	2 2	5 39
S 20	23 25	1s28	3 56	24 38	1 13	18 42	2 2	21 28	1 15	22 37	0 1	17 48	2 11	21 6	0 32	19 17	0 23	17 55	5 26	16 2	15 40	13 35	2 2	5 40
M21	23 25	6 10	3 0	24 43	1 21	18 22	1 59	21 20	1 15	22 37	0 1	17 48	2 11	21 7	0 32	19 17	0 23	17 55	5 26	16 2	15 39	13 36	2 2	5 40
T 22	23 25	10 36	1 52	24 46	1 27	18 1	1 56	21 11	1 15	22 38	0 1	17 47	2 10	21 7	0 32	19 18	0 23	17 55	5 26	16 3	15 38	13 38	2 2	5 40
W23	23 24	14 29	0 37	24 45	1 33	17 39	1 54	21 3	1 15	22 39	0 1	17 47	2 10	21 8	0 32	19 18	0 23	17 55	5 26	16 3	15 37	13 39	2 2	5 41
T 24	23 23	17 31	0n41	24 42	1 39	17 18	1 51	20 54	1 15	22 40	0 1	17 46	2 10	21 8	0 32	19 18	0 23	17 55	5 26	16 3	15 36	13 41	2 2	5 41
F 25	23 22	19 25	1 57	24 37	1 43	16 56	1 48	20 46	1 14	22 41	0 1	17 46	2 10	21 8	0 32	19 19	0 23	17 56	5 26	16 2	15 35	13 42	2 2	5 41
S 26	23 20	20 2	3 5	24 28	1 47	16 34	1 45	20 37	1 14	22 42	0 0	17 45	2 10	21 9	0 32	19 19	0 23	17 56	5 26	16 1	15 34	13 43	2 2	5 41
S 27	23 18	19 18	4 1	24 18	1 50	16 11	1 41	20 28	1 14	22 43	0 0	17 45	2 9	21 9	0 32	19 19	0 23	17 56	5 26	15 59	15 33	13 45	2 2	5 42
M28	23 15	17 22	4 40	24 5	1 52	15 48	1 38	20 19	1 14	22 44	0 0	17 44	2 9	21 10	0 32	19 19	0 23	17 56	5 26	15 57	15 32	13 46	2 2	5 42
T 29	23 12	14 28	5 2	23 49	1 54	15 25	1 34	20 10	1 14	22 45	0s 0	17 44	2 9	21 10	0 32	19 20	0 23	17 56	5 26	15 54	15 31	13 48	2 2	5 42
W30	23n 9	10s53	5n 6	23n32	1n55	15n 2	1n30	20n 0	1n14	22s46	0s 0	17s43	2n 9	21s11	0s32	19s20	0n23	17n56	5s26	15s52	15s30	13n49	2s 2	5n42

Julian Day Number = 2510865.5, Delta T = 130.59 sec
Ecliptic obliquity = 23°24'58, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°00'35, Lahiri = 26°07'36

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2162
geocentric

JULY 2162 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 36 31	9♋20'42	0♓ 3	23♋46	24♌42	6♌24	13°R 7	28°R30	27°R26	1°R53	4♋15	13°R20	12♏13	5♉13	11°R17	T 1
F 2	18 40 27	10°17'54	12°46	25°40	25°41	7° 1	13♑ 0	28♏27	27♑23	1♒51	4°17	13♏15	12°10	5°19	11♓16	F 2
S 3	18 44 24	11°15'07	25° 9	27°31	26°40	7°39	12°52	28°24	27°21	1°50	4°18	13°11	12° 7	5°26	11°15	S 3
S 4	18 48 20	12°12'20	7♈15	29°20	27°38	8°17	12°44	28°22	27°19	1°48	4°19	13°D10	12° 4	5°33	11°14	S 4
M 5	18 52 17	13° 9'32	19°10	1♌ 7	28°36	8°55	12°36	28°19	27°17	1°47	4°21	13°10	12° 1	5°39	11°13	M 5
T 6	18 56 14	14° 6'45	0♉59	2°52	29°34	9°32	12°29	28°17	27°14	1°45	4°22	13°11	11°57	5°46	11°12	T 6
W 7	19 0 10	15° 3'58	12°47	4°35	0♍31	10°10	12°21	28°14	27°12	1°44	4°24	13°R11	11°54	5°53	11°11	W 7
T 8	19 4 7	16° 1'12	24°40	6°16	1°28	10°48	12°13	28°12	27°10	1°42	4°25	13°10	11°51	5°59	11° 9	T 8
F 9	19 8 3	16°58'26	6♊41	7°55	2°24	11°25	12° 6	28°10	27° 7	1°41	4°27	13° 8	11°48	6° 6	11° 8	F 9
S 10	19 12 0	17°55'39	18°55	9°32	3°20	12° 3	11°58	28° 8	27° 5	1°39	4°28	13° 3	11°45	6°13	11° 7	S 10
S 11	19 15 56	18°52'54	1♋23	11° 6	4°15	12°41	11°50	28° 6	27° 2	1°38	4°29	12°55	11°41	6°19	11° 5	S 11
M12	19 19 53	19°50'08	14° 8	12°39	5°10	13°19	11°43	28° 4	27° 0	1°36	4°31	12°46	11°38	6°26	11° 4	M12
T 13	19 23 49	20°47'22	27°10	14° 9	6° 5	13°56	11°35	28° 2	26°58	1°34	4°32	12°35	11°35	6°32	11° 2	T 13
W14	19 27 46	21°44'37	10♌27	15°37	6°58	14°34	11°28	28° 0	26°55	1°33	4°34	12°23	11°32	6°39	11° 1	W14
T 15	19 31 43	22°41'52	23°57	17° 3	7°51	15°12	11°20	27°58	26°53	1°31	4°35	12°13	11°29	6°46	10°59	T 15
F 16	19 35 39	23°39'06	7♍38	18°26	8°44	15°50	11°13	27°57	26°50	1°30	4°36	12° 4	11°26	6°52	10°57	F 16
S 17	19 39 36	24°36'21	21°28	19°48	9°36	16°27	11° 6	27°55	26°48	1°28	4°38	11°58	11°22	6°59	10°55	S 17
S 18	19 43 32	25°33'36	5♎25	21° 7	10°27	17° 5	10°58	27°54	26°46	1°26	4°39	11°55	11°19	7° 6	10°54	S 18
M19	19 47 29	26°30'50	19°28	22°23	11°18	17°43	10°51	27°53	26°43	1°25	4°41	11°53	11°16	7°12	10°52	M19
T 20	19 51 25	27°28'05	3♏35	23°38	12° 8	18°21	10°44	27°51	26°41	1°23	4°42	11°D53	11°13	7°19	10°50	T 20
W21	19 55 22	28°25'20	17°45	24°50	12°58	18°58	10°37	27°50	26°38	1°22	4°43	11°R53	11°10	7°26	10°48	W21
T 22	19 59 18	29°22'35	1♐57	25°59	13°46	19°36	10°30	27°49	26°36	1°20	4°45	11°52	11° 7	7°32	10°46	T 22
F 23	20 3 15	0♑19'51	16° 9	27° 6	14°34	20°14	10°23	27°48	26°34	1°18	4°46	11°49	11° 3	7°39	10°44	F 23
S 24	20 7 12	1°17'06	0♑19	28°10	15°21	20°52	10°17	27°47	26°31	1°17	4°47	11°43	11° 0	7°46	10°42	S 24
S 25	20 11 8	2°14'22	14°21	29°11	16° 7	21°30	10°10	27°47	26°29	1°15	4°49	11°34	10°57	7°52	10°40	S 25
M26	20 15 5	3°11'39	28°13	0♍10	16°53	22° 7	10° 3	27°46	26°26	1°13	4°50	11°23	10°54	7°59	10°38	M26
T 27	20 19 1	4° 8'56	11♒49	1° 5	17°37	22°45	9°57	27°46	26°24	1°12	4°51	11°11	10°51	8° 6	10°36	T 27
W28	20 22 58	5° 6'13	25° 8	1°57	18°21	23°23	9°51	27°45	26°22	1°10	4°53	10°59	10°47	8°12	10°33	W28
T 29	20 26 54	6° 3'31	8♓ 6	2°46	19° 3	24° 1	9°44	27°45	26°19	1° 9	4°54	10°49	10°44	8°19	10°31	T 29
F 30	20 30 51	7° 0'50	20°45	3°32	19°45	24°39	9°38	27°44	26°17	1° 7	4°55	10°40	10°41	8°25	10°29	F 30
S 31	20 34 47	7♌58'10	3♈ 5	4♍14	20♍25	25♌16	9♑32	27♏44	26♑15	1♒ 5	4♋56	10♏34	10♏38	8♉32	10♓26	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	23n 5	6s51	4n54	23n13	1n55	14n38	1n26	19n51	1n14	22s47	0s 0	17s43	2n 9	21s11	0s33	19s20	0n23	17n56	5s26	15s50	15s29	13n50	2s 2	5n43	T 1
F 2	23 1	2 39	4 27	22 52	1 54	14 14	1 22	19 41	1 13	22 47	0 0	17 42	2 8	21 12	0 33	19 21	0 23	17 56	5 25	15 48	15 28	13 52	2 2	5 43	F 2
S 3	22 56	1n34	3 48	22 29	1 53	13 50	1 18	19 31	1 13	22 48	0 1	17 42	2 8	21 12	0 33	19 21	0 23	17 56	5 25	15 47	15 27	13 53	2 2	5 43	S 3
S 4	22 51	5 38	3 0	22 5	1 51	13 26	1 14	19 21	1 13	22 49	0 1	17 42	2 8	21 13	0 33	19 21	0 23	17 55	5 25	15 46	15 26	13 55	2 3	5 43	S 4
M 5	22 46	9 26	2 5	21 39	1 49	13 2	1 9	19 11	1 13	22 50	0 1	17 41	2 8	21 13	0 33	19 22	0 23	17 55	5 25	15 46	15 25	13 56	2 3	5 44	M 5
T 6	22 40	12 49	1 5	21 12	1 45	12 37	1 4	19 1	1 13	22 51	0 1	17 41	2 8	21 13	0 33	19 22	0 23	17 55	5 25	15 47	15 24	13 57	2 3	5 44	T 6
W 7	22 34	15 42	0 2	20 44	1 41	12 12	1 0	18 51	1 13	22 52	0 1	17 41	2 7	21 14	0 33	19 23	0 23	17 55	5 25	15 47	15 24	13 59	2 3	5 44	W 7
T 8	22 27	17 56	1s 1	20 15	1 37	11 48	0 55	18 40	1 13	22 53	0 1	17 40	2 7	21 14	0 33	19 23	0 23	17 55	5 25	15 47	15 23	14 0	2 4	5 44	T 8
F 9	22 20	19 24	2 2	19 45	1 32	11 23	0 49	18 30	1 12	22 53	0 1	17 40	2 7	21 15	0 33	19 23	0 23	17 55	5 25	15 46	15 22	14 1	2 4	5 45	F 9
S 10	22 13	19 59	2 59	19 14	1 27	10 57	0 44	18 19	1 12	22 54	0 2	17 40	2 7	21 15	0 33	19 24	0 23	17 55	5 25	15 44	15 21	14 3	2 4	5 45	S 10
S 11	22 5	19 37	3 48	18 43	1 21	10 32	0 38	18 8	1 12	22 55	0 2	17 40	2 7	21 16	0 33	19 24	0 23	17 55	5 25	15 42	15 20	14 4	2 5	5 45	S 11
M12	21 57	18 15	4 26	18 11	1 14	10 7	0 33	17 57	1 12	22 56	0 2	17 39	2 6	21 16	0 33	19 24	0 23	17 55	5 25	15 39	15 19	14 6	2 5	5 45	M12
T 13	21 49	15 56	4 52	17 38	1 7	9 41	0 27	17 46	1 12	22 57	0 2	17 39	2 6	21 17	0 33	19 25	0 23	17 55	5 25	15 36	15 18	14 7	2 5	5 45	T 13
W14	21 40	12 45	5 2	17 5	0 59	9 16	0 21	17 35	1 12	22 57	0 2	17 39	2 6	21 17	0 33	19 25	0 23	17 55	5 25	15 32	15 17	14 8	2 6	5 46	W14
T 15	21 30	8 52	4 56	16 32	0 51	8 50	0 15	17 24	1 11	22 58	0 2	17 39	2 6	21 18	0 33	19 25	0 23	17 55	5 25	15 29	15 16	14 10	2 6	5 46	T 15
F 16	21 21	4 28	4 33	15 58	0 43	8 25	0 8	17 13	1 11	22 59	0 2	17 39	2 5	21 18	0 33	19 26	0 23	17 55	5 25	15 27	15 15	14 11	2 7	5 46	F 16
S 17	21 11	0s13	3 54	15 24	0 34	7 59	0 2	17 1	1 11	23 0	0 3	17 39	2 5	21 19	0 33	19 26	0 23	17 55	5 25	15 25	15 14	14 12	2 7	5 46	S 17
S 18	21 1	4 55	3 1	14 51	0 25	7 34	0s 5	16 50	1 11	23 0	0 3	17 39	2 5	21 19	0 33	19 26	0 23	17 55	5 25	15 24	15 13	14 14	2 7	5 47	S 18
M19	20 50	9 24	1 56	14 17	0 15	7 8	0 12	16 38	1 11	23 1	0 3	17 39	2 5	21 20	0 33	19 27	0 23	17 55	5 25	15 23	15 12	14 15	2 8	5 47	M19
T 20	20 39	13 23	0 44	13 43	0 5	6 42	0 19	16 26	1 11	23 2	0 3	17 38	2 4	21 20	0 33	19 27	0 23	17 55	5 25	15 23	15 11	14 16	2 9	5 47	T 20
W21	20 27	16 37	0n31	13 9	0s 5	6 17	0 26	16 14	1 10	23 3	0 3	17 38	2 4	21 21	0 33	19 28	0 23	17 55	5 25	15 23	15 10	14 18	2 9	5 47	W21
T 22	20 16	18 50	1 44	12 36	0 15	5 51	0 34	16 2	1 10	23 3	0 3	17 38	2 4	21 21	0 33	19 28	0 23	17 55	5 25	15 23	15 9	14 19	2 10	5 47	T 22
F 23	20 4	19 52	2 51	12 3	0 26	5 26	0 41	15 50	1 10	23 4	0 3	17 39	2 4	21 21	0 33	19 28	0 23	17 55	5 25	15 22	15 8	14 20	2 10	5 47	F 23
S 24	19 51	19 38	3 47	11 31	0 38	5 1	0 49	15 38	1 10	23 5	0 3	17 39	2 3	21 22	0 33	19 29	0 23	17 55	5 25	15 20	15 7	14 22	2 11	5 48	S 24
S 25	19 39	18 12	4 28	10 59	0 49	4 35	0 57	15 26	1 10	23 5	0 4	17 39	2 3	21 22	0 33	19 29	0 23	17 55	5 25	15 17	15 6	14 23	2 11	5 48	S 25
M26	19 25	15 43	4 53	10 27	1 1	4 10	1 5	15 13	1 9	23 6	0 4	17 39	2 3	21 23	0 33	19 29	0 23	17 55	5 25	15 14	15 5	14 24	2 12	5 48	M26
T 27	19 12	12 24	5 1	9 57	1 13	3 45	1 14	15 1	1 9	23 6	0 4	17 39	2 3	21 23	0 33	19 30	0 23	17 55	5 25	15 10	15 4	14 26	2 13	5 48	T 27
W28	18 58	8 33	4 52	9 27	1 25	3 21	1 22	14 48	1 9	23 7	0 4	17 39	2 3	21 24	0 33	19 30	0 23	17 55	5 25	15 7	15 3	14 27	2 13	5 48	W28
T 29	18 44	4 23	4 28	8 58	1 37	2 56	1 31	14 35	1 9	23 8	0 4	17 39	2 2	21 24	0 33	19 30	0 23	17 55	5 25	15 3	15 2	14 28	2 14	5 48	T 29
F 30	18 30	0 7	3 51	8 30	1 50	2 32	1 40	14 22	1 9	23 8	0 4	17 39	2 2	21 25	0 33	19 31	0 23	17 55	5 25	15 1	15 1	14 29	2 15	5 49	F 30
S 31	18n15	4n 3	3n 4	8n 3	2s 2	2n 7	1s49	14n10	1n 8	23s 9	0s 4	17s40	2n 2	21s25	0s33	19s31	0n23	17n54	5s25	14s59	15s 0	14n31	2s16	5n49	S 31

Julian Day Number = 2510895.5, Delta T = 130.65 sec
Ecliptic obliquity = 23°24'58, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°00'39, Lahiri = 26°07'40

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2162
geocentric

AUGUST 2162 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 38 44	8♌55'31	15♈11	4♍52	21♍ 5	25♌54	9°R26	27°D44	26°R12	1°R 4	4♋58	10°R30	10♏35	8♉39	10°R24	S 1
M 2	20 42 41	9°52'53	27° 5	5°27	21°43	26°32	9♑21	27♏44	26♑10	1♒ 2	4°59	10♏29	10°32	8°45	10♓22	M 2
T 3	20 46 37	10°50'16	8♉54	5°57	22°21	27°10	9°15	27°44	26° 8	1° 1	5° 0	10°29	10°28	8°52	10°19	T 3
W 4	20 50 34	11°47'40	20°43	6°23	22°57	27°48	9°10	27°45	26° 5	0°59	5° 1	10°28	10°25	8°59	10°17	W 4
T 5	20 54 30	12°45'05	2♊38	6°45	23°32	28°26	9° 4	27°45	26° 3	0°57	5° 2	10°27	10°22	9° 5	10°14	T 5
F 6	20 58 27	13°42'31	14°42	7° 2	24° 5	29° 4	8°59	27°45	26° 1	0°56	5° 4	10°25	10°19	9°12	10°12	F 6
S 7	21 2 23	14°39'59	27° 2	7°15	24°38	29°42	8°54	27°46	25°59	0°54	5° 5	10°19	10°16	9°19	10° 9	S 7
S 8	21 6 20	15°37'27	9♋40	7°22	25° 9	0♍20	8°49	27°47	25°56	0°53	5° 6	10°12	10°13	9°25	10° 7	S 8
M 9	21 10 16	16°34'57	22°38	7°R24	25°38	0°57	8°45	27°47	25°54	0°51	5° 7	10° 1	10° 9	9°32	10° 4	M 9
T 10	21 14 13	17°32'28	5♌58	7°21	26° 6	1°35	8°40	27°48	25°52	0°50	5° 8	9°50	10° 6	9°39	10° 1	T 10
W11	21 18 10	18°30'00	19°36	7°13	26°32	2°13	8°36	27°49	25°50	0°48	5° 9	9°38	10° 3	9°45	9°59	W11
T 12	21 22 6	19°27'33	3♍31	6°59	26°57	2°51	8°32	27°50	25°48	0°47	5°10	9°26	10° 0	9°52	9°56	T 12
F 13	21 26 3	20°25'07	17°38	6°40	27°21	3°29	8°27	27°51	25°46	0°45	5°12	9°17	9°57	9°58	9°53	F 13
S 14	21 29 59	21°22'41	1♎52	6°16	27°42	4° 7	8°24	27°52	25°43	0°44	5°13	9°10	9°53	10° 5	9°50	S 14
S 15	21 33 56	22°20'17	16° 8	5°46	28° 2	4°45	8°20	27°54	25°41	0°42	5°14	9° 6	9°50	10°12	9°48	S 15
M16	21 37 52	23°17'54	0♏23	5°12	28°20	5°23	8°16	27°55	25°39	0°41	5°15	9° 5	9°47	10°18	9°45	M16
T 17	21 41 49	24°15'31	14°35	4°33	28°36	6° 1	8°13	27°56	25°37	0°39	5°16	9°D 5	9°44	10°25	9°42	T 17
W18	21 45 45	25°13'10	28°42	3°50	28°50	6°39	8°10	27°58	25°35	0°38	5°17	9°R 5	9°41	10°32	9°39	W18
T 19	21 49 42	26°10'49	12♐43	3° 4	29° 2	7°17	8° 7	28° 0	25°33	0°36	5°18	9° 4	9°38	10°38	9°36	T 19
F 20	21 53 39	27° 8'30	26°37	2°15	29°11	7°55	8° 4	28° 1	25°31	0°35	5°19	9° 1	9°34	10°45	9°33	F 20
S 21	21 57 35	28° 6'11	10♑24	1°24	29°19	8°34	8° 1	28° 3	25°29	0°33	5°20	8°55	9°31	10°52	9°31	S 21
S 22	22 1 32	29° 3'54	24° 2	0°32	29°25	9°12	7°59	28° 5	25°28	0°32	5°21	8°47	9°28	10°58	9°28	S 22
M23	22 5 28	0♍ 1'38	7♒29	29♌41	29°28	9°50	7°56	28° 7	25°26	0°31	5°22	8°37	9°25	11° 5	9°25	M23
T 24	22 9 25	0°59'23	20°43	28°50	29°R29	10°28	7°54	28° 9	25°24	0°29	5°22	8°26	9°22	11°12	9°22	T 24
W25	22 13 21	1°57'09	3♓42	28° 1	29°28	11° 6	7°52	28°12	25°22	0°28	5°23	8°15	9°19	11°18	9°19	W25
T 26	22 17 18	2°54'56	16°26	27°16	29°24	11°44	7°51	28°14	25°20	0°27	5°24	8° 5	9°15	11°25	9°16	T 26
F 27	22 21 14	3°52'45	28°54	26°34	29°18	12°22	7°49	28°16	25°19	0°25	5°25	7°56	9°12	11°31	9°13	F 27
S 28	22 25 11	4°50'36	11♈ 8	25°58	29° 9	13° 0	7°48	28°19	25°17	0°24	5°26	7°51	9° 9	11°38	9°10	S 28
S 29	22 29 8	5°48'28	23°10	25°28	28°59	13°38	7°47	28°21	25°15	0°23	5°27	7°47	9° 6	11°45	9° 7	S 29
M30	22 33 4	6°46'23	5♉ 2	25° 4	28°45	14°17	7°46	28°24	25°14	0°22	5°28	7°D46	9° 3	11°51	9° 4	M30
T 31	22 37 1	7♍44'18	16♉50	24♌48	28♍30	14♍55	7♑45	28♏27	25♑12	0♒20	5♋28	7♏46	8♏59	11♉58	9♓ 1	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18n 1	7n58	2n10	7n37	2s15	1n43	1s58	13n57	1n 8	23s 9	0s 5	17s40	2n 2	21s26	0s33	19s32	0n23	17n54	5s25	14s58	14s59	14n32	2s16	5n49
M 2	17 45	11 31	1 10	7 13	2 28	1 20	2 7	13 43	1 8	23 10	0 5	17 40	2 1	21 26	0 33	19 32	0 23	17 54	5 25	14 57	14 58	14 33	2 17	5 49
T 3	17 30	14 35	0 8	6 50	2 40	0 56	2 17	13 30	1 8	23 10	0 5	17 40	2 1	21 26	0 33	19 32	0 23	17 54	5 25	14 57	14 57	14 35	2 18	5 49
W 4	17 14	17 3	0s54	6 29	2 53	0 33	2 27	13 17	1 8	23 11	0 5	17 41	2 1	21 27	0 33	19 33	0 23	17 54	5 25	14 57	14 56	14 36	2 19	5 49
T 5	16 58	18 47	1 55	6 9	3 5	0 10	2 37	13 4	1 7	23 11	0 5	17 41	2 1	21 27	0 33	19 33	0 23	17 54	5 25	14 57	14 55	14 37	2 20	5 49
F 6	16 42	19 43	2 51	5 52	3 17	0s13	2 47	12 50	1 7	23 12	0 5	17 41	2 0	21 28	0 33	19 33	0 23	17 54	5 25	14 56	14 54	14 39	2 20	5 49
S 7	16 25	19 43	3 40	5 36	3 29	0 35	2 57	12 37	1 7	23 12	0 5	17 42	2 0	21 28	0 33	19 34	0 23	17 54	5 25	14 54	14 53	14 40	2 21	5 50
S 8	16 8	18 45	4 20	5 23	3 40	0 57	3 8	12 23	1 7	23 13	0 5	17 42	2 0	21 29	0 33	19 34	0 23	17 54	5 25	14 52	14 52	14 41	2 22	5 50
M 9	15 51	16 47	4 47	5 12	3 51	1 18	3 18	12 10	1 7	23 13	0 6	17 42	2 0	21 29	0 33	19 34	0 23	17 54	5 25	14 48	14 51	14 42	2 23	5 50
T 10	15 34	13 55	5 0	5 3	4 2	1 39	3 29	11 56	1 6	23 14	0 6	17 43	1 59	21 29	0 33	19 35	0 23	17 54	5 25	14 45	14 50	14 44	2 24	5 50
W11	15 16	10 14	4 56	4 58	4 11	1 59	3 40	11 42	1 6	23 14	0 6	17 43	1 59	21 30	0 33	19 35	0 23	17 54	5 25	14 41	14 49	14 45	2 25	5 50
T 12	14 58	5 55	4 35	4 54	4 20	2 19	3 51	11 28	1 6	23 14	0 6	17 44	1 59	21 30	0 33	19 35	0 23	17 54	5 25	14 37	14 48	14 46	2 26	5 50
F 13	14 40	1 15	3 57	4 54	4 28	2 39	4 2	11 14	1 6	23 15	0 6	17 44	1 59	21 31	0 33	19 36	0 23	17 54	5 26	14 34	14 47	14 47	2 27	5 50
S 14	14 22	3s33	3 4	4 56	4 35	2 58	4 13	11 0	1 5	23 15	0 6	17 45	1 58	21 31	0 33	19 36	0 23	17 53	5 26	14 32	14 46	14 49	2 28	5 50
S 15	14 3	8 10	1 59	5 2	4 40	3 16	4 25	10 46	1 5	23 16	0 6	17 45	1 58	21 31	0 33	19 36	0 23	17 53	5 26	14 31	14 45	14 50	2 29	5 50
M16	13 44	12 19	0 46	5 11	4 45	3 34	4 36	10 32	1 5	23 16	0 6	17 46	1 58	21 32	0 33	19 37	0 23	17 53	5 26	14 30	14 44	14 51	2 30	5 50
T 17	13 25	15 44	0n29	5 22	4 47	3 51	4 48	10 18	1 5	23 16	0 6	17 46	1 58	21 32	0 33	19 37	0 23	17 53	5 26	14 30	14 43	14 52	2 31	5 50
W18	13 6	18 11	1 42	5 37	4 48	4 7	5 0	10 3	1 4	23 16	0 7	17 47	1 57	21 32	0 33	19 37	0 23	17 53	5 26	14 30	14 42	14 54	2 32	5 50
T 19	12 47	19 31	2 49	5 54	4 48	4 22	5 11	9 49	1 4	23 17	0 7	17 48	1 57	21 33	0 33	19 38	0 23	17 53	5 26	14 30	14 41	14 55	2 33	5 50
F 20	12 27	19 38	3 44	6 13	4 45	4 37	5 23	9 35	1 4	23 17	0 7	17 48	1 57	21 33	0 33	19 38	0 23	17 53	5 26	14 29	14 40	14 56	2 34	5 50
S 21	12 7	18 35	4 26	6 36	4 40	4 51	5 35	9 20	1 4	23 17	0 7	17 49	1 57	21 33	0 33	19 38	0 23	17 53	5 26	14 27	14 39	14 57	2 35	5 50
S 22	11 47	16 28	4 53	7 0	4 34	5 4	5 47	9 6	1 3	23 18	0 7	17 49	1 56	21 34	0 33	19 39	0 23	17 53	5 26	14 25	14 38	14 59	2 36	5 50
M23	11 27	13 30	5 3	7 25	4 26	5 16	5 58	8 51	1 3	23 18	0 7	17 50	1 56	21 34	0 33	19 39	0 23	17 53	5 26	14 22	14 37	15 0	2 37	5 50
T 24	11 7	9 54	4 56	7 52	4 16	5 27	6 10	8 36	1 3	23 18	0 7	17 51	1 56	21 34	0 33	19 39	0 23	17 53	5 26	14 18	14 36	15 1	2 38	5 50
W25	10 46	5 53	4 34	8 20	4 4	5 37	6 22	8 22	1 3	23 18	0 7	17 52	1 56	21 35	0 33	19 40	0 23	17 53	5 26	14 14	14 35	15 2	2 39	5 50
T 26	10 25	1 41	3 58	8 48	3 51	5 46	6 33	8 7	1 2	23 19	0 7	17 52	1 55	21 35	0 33	19 40	0 23	17 52	5 26	14 11	14 34	15 3	2 40	5 50
F 27	10 5	2n30	3 12	9 15	3 36	5 54	6 44	7 52	1 2	23 19	0 8	17 53	1 55	21 35	0 33	19 40	0 23	17 52	5 26	14 9	14 33	15 5	2 41	5 50
S 28	9 44	6 31	2 17	9 43	3 20	6 1	6 55	7 37	1 2	23 19	0 8	17 54	1 55	21 36	0 33	19 41	0 23	17 52	5 26	14 7	14 32	15 6	2 42	5 50
S 29	9 22	10 11	1 17	10 9	3 3	6 6	7 6	7 22	1 2	23 19	0 8	17 55	1 55	21 36	0 33	19 41	0 23	17 52	5 26	14 6	14 31	15 7	2 44	5 50
M30	9 1	13 25	0 15	10 33	2 45	6 11	7 16	7 7	1 1	23 19	0 8	17 55	1 54	21 36	0 33	19 41	0 23	17 52	5 26	14 5	14 30	15 8	2 45	5 50
T 31	8n40	16n 5	0s49	10n56	2s27	6s14	7s27	6n52	1n 1	23s19	0s 8	17s56	1n54	21s36	0s33	19s41	0n23	17n52	5s26	14s 5	14s29	15n 9	2s46	5n50

Julian Day Number = 2510926.5, Delta T = 130.71 sec
Ecliptic obliquity = 23°24'58, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°00'44, Lahiri = 26°07'44

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2162
geocentric

SEPTEMBER 2162 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 40 57	8♍42'16	28♉39	24°R39	28°R12	15♍33	7°R44	28♏30	25°R11	0°R19	5♋29	7♏47	8♏56	12♉ 5	8°R58	W 1
T 2	22 44 54	9°40'15	10♊33	24°D38	27♍52	16°11	7♑44	28°33	25♑ 9	0♒18	5°30	7°R48	8°53	12°11	8♓55	T 2
F 3	22 48 50	10°38'17	22°37	24♌46	27°30	16°50	7°44	28°36	25° 8	0°17	5°31	7°47	8°50	12°18	8°52	F 3
S 4	22 52 47	11°36'20	4♋58	25° 2	27° 5	17°28	7°D44	28°39	25° 6	0°16	5°31	7°44	8°47	12°25	8°50	S 4
S 5	22 56 43	12°34'25	17°39	25°27	26°39	18° 6	7°44	28°42	25° 5	0°15	5°32	7°39	8°44	12°31	8°47	S 5
M 6	23 0 40	13°32'32	0♌44	25°59	26°10	18°45	7°44	28°45	25° 3	0°14	5°33	7°33	8°40	12°38	8°44	M 6
T 7	23 4 37	14°30'41	14°13	26°40	25°40	19°23	7°45	28°49	25° 2	0°13	5°33	7°24	8°37	12°45	8°41	T 7
W 8	23 8 33	15°28'52	28° 6	27°29	25° 9	20° 1	7°45	28°52	25° 1	0°11	5°34	7°16	8°34	12°51	8°38	W 8
T 9	23 12 30	16°27'04	12♍21	28°26	24°36	20°40	7°46	28°56	25° 0	0°10	5°35	7° 8	8°31	12°58	8°35	T 9
F 10	23 16 26	17°25'18	26°51	29°29	24° 2	21°18	7°47	28°59	24°59	0° 9	5°35	7° 1	8°28	13° 4	8°32	F 10
S 11	23 20 23	18°23'34	11♎29	0♍39	23°26	21°56	7°49	29° 3	24°57	0° 9	5°36	6°56	8°24	13°11	8°29	S 11
S 12	23 24 19	19°21'52	26°10	1°56	22°50	22°35	7°50	29° 7	24°56	0° 8	5°36	6°54	8°21	13°18	8°26	S 12
M13	23 28 16	20°20'11	10♏47	3°18	22°14	23°13	7°52	29°11	24°55	0° 7	5°37	6°D54	8°18	13°24	8°23	M13
T 14	23 32 12	21°18'32	25°14	4°46	21°37	23°52	7°54	29°15	24°54	0° 6	5°37	6°55	8°15	13°31	8°20	T 14
W15	23 36 9	22°16'54	9♐29	6°17	21° 0	24°30	7°56	29°19	24°53	0° 5	5°38	6°56	8°12	13°38	8°18	W15
T 16	23 40 5	23°15'18	23°30	7°53	20°23	25° 9	7°58	29°23	24°52	0° 4	5°38	6°R56	8° 9	13°44	8°15	T 16
F 17	23 44 2	24°13'43	7♑17	9°33	19°46	25°47	8° 0	29°27	24°52	0° 3	5°39	6°55	8° 5	13°51	8°12	F 17
S 18	23 47 59	25°12'10	20°50	11°15	19°10	26°26	8° 3	29°31	24°51	0° 3	5°39	6°53	8° 2	13°58	8° 9	S 18
S 19	23 51 55	26°10'39	4♒ 8	13° 0	18°35	27° 4	8° 6	29°36	24°50	0° 2	5°39	6°48	7°59	14° 4	8° 6	S 19
M20	23 55 52	27° 9'09	17°13	14°47	18° 1	27°43	8° 9	29°40	24°49	0° 1	5°40	6°43	7°56	14°11	8° 4	M20
T 21	23 59 48	28° 7'40	0♓ 5	16°35	17°28	28°21	8°12	29°44	24°49	0° 1	5°40	6°36	7°53	14°18	8° 1	T 21
W22	0 3 45	29° 6'14	12°44	18°25	16°57	29° 0	8°15	29°49	24°48	29♑59	5°40	6°29	7°50	14°24	7°58	W22
T 23	0 7 41	0♎ 4'49	25°11	20°15	16°27	29°39	8°19	29°54	24°47	29°59	5°41	6°23	7°46	14°31	7°56	T 23
F 24	0 11 38	1° 3'27	7♈25	22° 6	15°59	0♎17	8°22	29°58	24°47	29°59	5°41	6°19	7°43	14°38	7°53	F 24
S 25	0 15 34	2° 2'06	19°30	23°57	15°33	0°56	8°26	0♐ 3	24°46	29°58	5°41	6°16	7°40	14°44	7°50	S 25
S 26	0 19 31	3° 0'47	1♉26	25°48	15° 9	1°35	8°30	0° 8	24°46	29°58	5°41	6°D14	7°37	14°51	7°48	S 26
M27	0 23 28	3°59'30	13°15	27°39	14°48	2°13	8°34	0°13	24°46	29°57	5°42	6°14	7°34	14°57	7°45	M27
T 28	0 27 24	4°58'16	25° 2	29°30	14°28	2°52	8°39	0°18	24°45	29°57	5°42	6°16	7°30	15° 4	7°43	T 28
W29	0 31 21	5°57'04	6♊50	1♎20	14°11	3°31	8°43	0°23	24°45	29°56	5°42	6°17	7°27	15°11	7°40	W29
T 30	0 35 17	6♎55'54	18♊43	3♎10	13♍56	4♎10	8♑48	0♐28	24♑45	29♑56	5♋42	6♏19	7♏24	15♉17	7♓38	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	8n18	18n 3	1s50	11n16	2s 9	6s16	7s36	6n37	1n 1	23s20	0s 8	17s57	1n54	21s37	0s33	19s42	0n23	17n52	5s26	14s 6	14s28	15n11	2s47	5n50
T 2	7 56	19 15	2 47	11 34	1 50	6 16	7 45	6 22	1 0	23 20	0 8	17 58	1 54	21 37	0 33	19 42	0 23	17 52	5 27	14 6	14 27	15 12	2 48	5 50
F 3	7 34	19 36	3 37	11 49	1 31	6 15	7 54	6 7	1 0	23 20	0 8	17 59	1 53	21 37	0 33	19 42	0 23	17 52	5 27	14 5	14 26	15 13	2 49	5 50
S 4	7 12	19 1	4 18	12 1	1 13	6 13	8 2	5 52	1 0	23 20	0 8	18 0	1 53	21 38	0 33	19 42	0 23	17 52	5 27	14 5	14 25	15 14	2 50	5 50
S 5	6 50	17 29	4 48	12 10	0 55	6 10	8 10	5 37	1 0	23 20	0 9	18 1	1 53	21 38	0 33	19 43	0 23	17 52	5 27	14 3	14 24	15 15	2 52	5 50
M 6	6 28	15 1	5 5	12 15	0 38	6 5	8 17	5 22	0 59	23 20	0 9	18 2	1 53	21 38	0 32	19 43	0 23	17 52	5 27	14 1	14 23	15 16	2 53	5 50
T 7	6 6	11 41	5 5	12 17	0 21	5 59	8 23	5 6	0 59	23 20	0 9	18 3	1 53	21 38	0 32	19 43	0 23	17 51	5 27	13 58	14 22	15 18	2 54	5 50
W 8	5 43	7 38	4 47	12 15	0 5	5 51	8 28	4 51	0 59	23 20	0 9	18 4	1 52	21 38	0 32	19 43	0 22	17 51	5 27	13 55	14 21	15 19	2 55	5 49
T 9	5 21	3 3	4 11	12 10	0n10	5 42	8 33	4 36	0 58	23 20	0 9	18 5	1 52	21 39	0 32	19 44	0 22	17 51	5 27	13 53	14 20	15 20	2 56	5 49
F 10	4 58	1s47	3 19	12 1	0 24	5 32	8 37	4 20	0 58	23 20	0 9	18 6	1 52	21 39	0 32	19 44	0 22	17 51	5 27	13 51	14 19	15 21	2 58	5 49
S 11	4 35	6 35	2 13	11 49	0 37	5 21	8 39	4 5	0 58	23 20	0 9	18 7	1 52	21 39	0 32	19 44	0 22	17 51	5 27	13 49	14 18	15 22	2 59	5 49
S 12	4 12	10 59	0 58	11 33	0 49	5 9	8 41	3 49	0 57	23 20	0 9	18 8	1 51	21 39	0 32	19 44	0 22	17 51	5 27	13 48	14 17	15 23	3 0	5 49
M13	3 50	14 43	0n21	11 13	1 0	4 55	8 42	3 34	0 57	23 20	0 9	18 9	1 51	21 39	0 32	19 45	0 22	17 51	5 27	13 48	14 16	15 25	3 1	5 49
T 14	3 27	17 28	1 38	10 51	1 10	4 41	8 43	3 18	0 57	23 20	0 9	18 10	1 51	21 40	0 32	19 45	0 22	17 51	5 27	13 48	14 15	15 26	3 2	5 49
W15	3 4	19 6	2 47	10 25	1 19	4 26	8 42	3 3	0 57	23 20	0 9	18 11	1 51	21 40	0 32	19 45	0 22	17 51	5 27	13 49	14 14	15 27	3 3	5 49
T 16	2 41	19 30	3 46	9 56	1 26	4 10	8 40	2 47	0 56	23 20	0 10	18 12	1 51	21 40	0 32	19 45	0 22	17 51	5 27	13 49	14 13	15 28	3 5	5 48
F 17	2 17	18 43	4 30	9 25	1 33	3 53	8 37	2 32	0 56	23 20	0 10	18 13	1 50	21 40	0 32	19 45	0 22	17 51	5 28	13 49	14 11	15 29	3 6	5 48
S 18	1 54	16 53	4 58	8 51	1 38	3 36	8 34	2 16	0 56	23 20	0 10	18 14	1 50	21 40	0 32	19 46	0 22	17 50	5 28	13 48	14 10	15 30	3 7	5 48
S 19	1 31	14 11	5 10	8 15	1 42	3 18	8 29	2 1	0 55	23 20	0 10	18 15	1 50	21 40	0 32	19 46	0 22	17 50	5 28	13 46	14 9	15 31	3 8	5 48
M20	1 8	10 49	5 5	7 37	1 46	3 0	8 24	1 45	0 55	23 20	0 10	18 16	1 50	21 40	0 32	19 46	0 22	17 50	5 28	13 45	14 8	15 33	3 9	5 48
T 21	0 45	6 59	4 45	6 57	1 48	2 42	8 18	1 29	0 55	23 20	0 10	18 17	1 50	21 40	0 32	19 46	0 22	17 50	5 28	13 42	14 7	15 34	3 11	5 48
W22	0 21	2 55	4 11	6 16	1 50	2 23	8 11	1 14	0 54	23 20	0 10	18 19	1 49	21 41	0 32	19 46	0 22	17 50	5 28	13 40	14 6	15 35	3 12	5 47
T 23	0s 2	1n14	3 25	5 33	1 50	2 5	8 3	0 58	0 54	23 20	0 10	18 20	1 49	21 41	0 32	19 46	0 22	17 50	5 28	13 38	14 5	15 36	3 13	5 47
F 24	0 25	5 15	2 31	4 49	1 50	1 46	7 54	0 42	0 54	23 19	0 10	18 21	1 49	21 41	0 32	19 46	0 22	17 50	5 28	13 37	14 4	15 37	3 14	5 47
S 25	0 49	9 1	1 30	4 5	1 50	1 28	7 45	0 27	0 53	23 19	0 10	18 22	1 49	21 41	0 32	19 47	0 22	17 50	5 28	13 36	14 3	15 38	3 15	5 47
S 26	1 12	12 22	0 26	3 19	1 48	1 10	7 36	0 11	0 53	23 19	0 10	18 23	1 49	21 41	0 32	19 47	0 22	17 50	5 28	13 35	14 2	15 39	3 16	5 47
M27	1 35	15 11	0s38	2 33	1 46	0 53	7 26	0s 5	0 53	23 19	0 11	18 25	1 48	21 41	0 32	19 47	0 22	17 50	5 28	13 35	14 1	15 40	3 17	5 46
T 28	1 58	17 22	1 41	1 47	1 43	0 35	7 15	0 20	0 52	23 19	0 11	18 26	1 48	21 41	0 32	19 47	0 22	17 50	5 28	13 36	14 0	15 41	3 19	5 46
W29	2 22	18 48	2 40	1 0	1 40	0 19	7 4	0 36	0 52	23 18	0 11	18 27	1 48	21 41	0 32	19 47	0 22	17 49	5 28	13 36	13 59	15 43	3 20	5 46
T 30	2s45	19n24	3s33	0n13	1n37	0s 3	6s53	0s52	0n52	23s18	0s11	18s28	1n48	21s41	0s32	19s47	0n22	17n49	5s28	13s37	13s58	15n44	3s21	5n46

Julian Day Number = 2510957.5, Delta T = 130.78 sec
Ecliptic obliquity = 23°24'58, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°00'48, Lahiri = 26°07'48

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2162
geocentric

OCTOBER 2162 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 39 14	7♎54'46	0♋47	4♎59	13°R44	4♎48	8♑53	0♐33	24°R45	29°R55	5♋42	6♏20	7♏21	15♉24	7°R35	F 1
S 2	0 43 10	8°53'41	13° 6	6°48	13♍34	5°27	8°58	0°38	24♑44	29♑55	5°42	6°R20	7°18	15°31	7♓33	S 2
S 3	0 47 7	9°52'38	25°44	8°35	13°27	6° 6	9° 3	0°44	24°44	29°55	5°42	6°19	7°15	15°37	7°30	S 3
M 4	0 51 3	10°51'37	8♌46	10°22	13°22	6°45	9° 9	0°49	24°D44	29°54	5°43	6°17	7°11	15°44	7°28	M 4
T 5	0 55 0	11°50'38	22°15	12° 9	13°20	7°24	9°14	0°54	24°44	29°54	5°43	6°14	7° 8	15°51	7°26	T 5
W 6	0 58 57	12°49'42	6♍10	13°54	13°D20	8° 3	9°20	1° 0	24°44	29°54	5°R43	6°11	7° 5	15°57	7°24	W 6
T 7	1 2 53	13°48'47	20°31	15°39	13°22	8°42	9°26	1° 5	24°45	29°54	5°43	6° 8	7° 2	16° 4	7°21	T 7
F 8	1 6 50	14°47'55	5♎13	17°22	13°27	9°21	9°32	1°11	24°45	29°54	5°43	6° 5	6°59	16°11	7°19	F 8
S 9	1 10 46	15°47'05	20°10	19° 5	13°34	10° 0	9°38	1°17	24°45	29°54	5°42	6° 3	6°55	16°17	7°17	S 9
S 10	1 14 43	16°46'17	5♏12	20°47	13°43	10°39	9°45	1°22	24°45	29°54	5°42	6°D 3	6°52	16°24	7°15	S 10
M11	1 18 39	17°45'31	20°12	22°29	13°54	11°18	9°51	1°28	24°46	29°53	5°42	6° 3	6°49	16°30	7°13	M11
T 12	1 22 36	18°44'47	5♐ 1	24° 9	14° 7	11°57	9°58	1°34	24°46	29°D53	5°42	6° 4	6°46	16°37	7°11	T 12
W13	1 26 32	19°44'05	19°33	25°49	14°23	12°36	10° 5	1°40	24°46	29°53	5°42	6° 5	6°43	16°44	7° 9	W13
T 14	1 30 29	20°43'25	3♑46	27°28	14°40	13°15	10°12	1°46	24°47	29°54	5°42	6° 6	6°40	16°50	7° 7	T 14
F 15	1 34 25	21°42'46	17°36	29° 6	15° 0	13°54	10°19	1°52	24°47	29°54	5°42	6°R 7	6°36	16°57	7° 5	F 15
S 16	1 38 22	22°42'09	1♒ 5	0♏44	15°21	14°33	10°26	1°58	24°48	29°54	5°41	6° 7	6°33	17° 4	7° 4	S 16
S 17	1 42 19	23°41'34	14°14	2°21	15°44	15°13	10°33	2° 4	24°49	29°54	5°41	6° 6	6°30	17°10	7° 2	S 17
M18	1 46 15	24°41'00	27° 5	3°57	16° 9	15°52	10°41	2°10	24°49	29°54	5°41	6° 5	6°27	17°17	7° 0	M18
T 19	1 50 12	25°40'28	9♓40	5°32	16°36	16°31	10°49	2°16	24°50	29°54	5°41	6° 3	6°24	17°24	6°58	T 19
W20	1 54 8	26°39'58	22° 2	7° 7	17° 4	17°10	10°56	2°22	24°51	29°55	5°40	6° 2	6°21	17°30	6°57	W20
T 21	1 58 5	27°39'30	4♈13	8°41	17°34	17°50	11° 4	2°28	24°52	29°55	5°40	6° 1	6°17	17°37	6°55	T 21
F 22	2 2 1	28°39'04	16°15	10°15	18° 5	18°29	11°13	2°35	24°52	29°55	5°40	6° 0	6°14	17°44	6°54	F 22
S 23	2 5 58	29°38'39	28°11	11°48	18°38	19° 8	11°21	2°41	24°53	29°56	5°39	6° 0	6°11	17°50	6°52	S 23
S 24	2 9 54	0♏38'17	10♉ 1	13°20	19°12	19°47	11°29	2°47	24°54	29°56	5°39	5°D59	6° 8	17°57	6°51	S 24
M25	2 13 51	1°37'57	21°49	14°52	19°48	20°27	11°38	2°54	24°55	29°56	5°38	6° 0	6° 5	18° 4	6°50	M25
T 26	2 17 48	2°37'39	3♊37	16°23	20°25	21° 6	11°46	3° 0	24°57	29°57	5°38	6° 0	6° 1	18°10	6°48	T 26
W27	2 21 44	3°37'23	15°27	17°54	21° 3	21°46	11°55	3° 7	24°58	29°57	5°37	6° 0	5°58	18°17	6°47	W27
T 28	2 25 41	4°37'09	27°22	19°24	21°42	22°25	12° 4	3°13	24°59	29°58	5°37	6° 1	5°55	18°23	6°46	T 28
F 29	2 29 37	5°36'58	9♋27	20°53	22°23	23° 5	12°13	3°20	25° 0	29°58	5°37	6°R 1	5°52	18°30	6°45	F 29
S 30	2 33 34	6°36'48	21°45	22°22	23° 5	23°44	12°22	3°26	25° 1	29°59	5°36	6° 1	5°49	18°37	6°44	S 30
S 31	2 37 30	7♏36'41	4♌20	23♏50	23♍48	24♎24	12♑32	3♐33	25♑ 3	29♑59	5♋35	6°D 1	5♏46	18♉43	6♓43	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	3s 8	19n 8	4s16	0s34	1n33	0n12	6s41	1s 7	0n51	23s18	0s11	18s29	1n48	21s41	0s32	19s47	0n22	17n49	5s29	13s37	13s57	15n45	3s22	5n45
S 2	3 31	17 58	4 49	1 20	1 28	0 27	6 30	1 23	0 51	23 18	0 11	18 31	1 48	21 41	0 32	19 47	0 22	17 49	5 29	13 37	13 56	15 46	3 23	5 45
S 3	3 55	15 54	5 10	2 7	1 24	0 41	6 17	1 39	0 51	23 17	0 11	18 32	1 47	21 41	0 32	19 48	0 22	17 49	5 29	13 37	13 55	15 47	3 24	5 45
M 4	4 18	12 59	5 15	2 54	1 19	0 54	6 5	1 54	0 50	23 17	0 11	18 33	1 47	21 41	0 32	19 48	0 22	17 49	5 29	13 36	13 54	15 48	3 25	5 45
T 5	4 41	9 18	5 3	3 40	1 13	1 7	5 53	2 10	0 50	23 17	0 11	18 34	1 47	21 41	0 32	19 48	0 22	17 49	5 29	13 35	13 53	15 49	3 26	5 44
W 6	5 4	5 0	4 33	4 26	1 8	1 18	5 40	2 26	0 49	23 16	0 11	18 36	1 47	21 41	0 32	19 48	0 22	17 49	5 29	13 34	13 52	15 50	3 27	5 44
T 7	5 27	0 18	3 46	5 12	1 2	1 29	5 28	2 42	0 49	23 16	0 11	18 37	1 47	21 41	0 32	19 48	0 22	17 49	5 29	13 33	13 51	15 51	3 28	5 44
F 8	5 50	4s33	2 42	5 57	0 56	1 39	5 15	2 57	0 49	23 16	0 11	18 38	1 46	21 41	0 32	19 48	0 22	17 49	5 29	13 32	13 50	15 52	3 30	5 44
S 9	6 12	9 13	1 27	6 42	0 50	1 48	5 3	3 13	0 48	23 15	0 11	18 40	1 46	21 41	0 32	19 48	0 22	17 49	5 29	13 32	13 49	15 53	3 31	5 43
S 10	6 35	13 19	0 5	7 26	0 44	1 56	4 50	3 28	0 48	23 15	0 12	18 41	1 46	21 41	0 32	19 48	0 22	17 49	5 29	13 31	13 48	15 54	3 32	5 43
M11	6 58	16 32	1n18	8 10	0 37	2 3	4 38	3 44	0 48	23 15	0 12	18 42	1 46	21 41	0 32	19 48	0 22	17 49	5 29	13 32	13 47	15 55	3 33	5 43
T 12	7 20	18 36	2 34	8 53	0 31	2 9	4 26	4 0	0 47	23 14	0 12	18 44	1 46	21 40	0 32	19 48	0 22	17 49	5 29	13 32	13 46	15 57	3 34	5 42
W13	7 43	19 23	3 38	9 36	0 24	2 15	4 13	4 15	0 47	23 14	0 12	18 45	1 46	21 40	0 32	19 48	0 22	17 48	5 29	13 32	13 45	15 58	3 35	5 42
T 14	8 5	18 54	4 28	10 18	0 17	2 19	4 1	4 31	0 47	23 13	0 12	18 46	1 46	21 40	0 32	19 48	0 22	17 48	5 30	13 33	13 44	15 59	3 36	5 42
F 15	8 27	17 17	5 1	10 59	0 10	2 23	3 49	4 46	0 46	23 13	0 12	18 48	1 45	21 40	0 32	19 48	0 22	17 48	5 30	13 33	13 43	16 0	3 37	5 41
S 16	8 49	14 45	5 16	11 40	0 4	2 26	3 37	5 2	0 46	23 12	0 12	18 49	1 45	21 40	0 32	19 48	0 22	17 48	5 30	13 33	13 41	16 1	3 38	5 41
S 17	9 11	11 32	5 14	12 20	0s 3	2 28	3 26	5 17	0 45	23 12	0 12	18 50	1 45	21 40	0 32	19 48	0 22	17 48	5 30	13 32	13 40	16 2	3 38	5 41
M18	9 33	7 50	4 56	12 59	0 10	2 29	3 14	5 33	0 45	23 11	0 12	18 52	1 45	21 40	0 32	19 48	0 22	17 48	5 30	13 32	13 39	16 3	3 39	5 40
T 19	9 55	3 51	4 24	13 37	0 17	2 29	3 3	5 48	0 45	23 11	0 12	18 53	1 45	21 40	0 32	19 48	0 22	17 48	5 30	13 32	13 38	16 4	3 40	5 40
W20	10 16	0n14	3 41	14 15	0 24	2 28	2 51	6 3	0 44	23 10	0 12	18 54	1 45	21 39	0 32	19 48	0 22	17 48	5 30	13 31	13 37	16 5	3 41	5 40
T 21	10 38	4 14	2 48	14 52	0 31	2 27	2 40	6 19	0 44	23 10	0 12	18 56	1 45	21 39	0 32	19 48	0 22	17 48	5 30	13 31	13 36	16 6	3 42	5 40
F 22	10 59	8 2	1 48	15 28	0 38	2 25	2 30	6 34	0 43	23 9	0 12	18 57	1 44	21 39	0 32	19 48	0 22	17 48	5 30	13 30	13 35	16 7	3 43	5 39
S 23	11 20	11 29	0 43	16 4	0 45	2 22	2 19	6 49	0 43	23 8	0 13	18 58	1 44	21 39	0 32	19 48	0 21	17 48	5 30	13 30	13 34	16 8	3 44	5 39
S 24	11 41	14 27	0s22	16 38	0 51	2 18	2 8	7 5	0 43	23 8	0 13	19 0	1 44	21 39	0 32	19 48	0 21	17 48	5 30	13 30	13 33	16 9	3 45	5 38
M25	12 2	16 48	1 27	17 12	0 58	2 14	1 58	7 20	0 42	23 7	0 13	19 1	1 44	21 38	0 32	19 48	0 21	17 48	5 30	13 30	13 32	16 10	3 45	5 38
T 26	12 22	18 26	2 28	17 45	1 5	2 8	1 48	7 35	0 42	23 6	0 13	19 2	1 44	21 38	0 32	19 48	0 21	17 48	5 30	13 31	13 31	16 11	3 46	5 38
W27	12 43	19 16	3 22	18 17	1 11	2 3	1 38	7 50	0 41	23 6	0 13	19 4	1 44	21 38	0 32	19 47	0 21	17 48	5 30	13 31	13 30	16 12	3 47	5 37
T 28	13 3	19 15	4 9	18 48	1 17	1 56	1 28	8 5	0 41	23 5	0 13	19 5	1 44	21 38	0 31	19 47	0 21	17 48	5 30	13 31	13 29	16 13	3 48	5 37
F 29	13 23	18 21	4 45	19 18	1 24	1 49	1 19	8 20	0 40	23 4	0 13	19 6	1 43	21 38	0 31	19 47	0 21	17 48	5 31	13 31	13 28	16 14	3 48	5 37
S 30	13 43	16 35	5 8	19 47	1 30	1 41	1 10	8 35	0 40	23 3	0 13	19 8	1 43	21 37	0 31	19 47	0 21	17 48	5 31	13 31	13 27	16 15	3 49	5 36
S 31	14s 2	14n 0	5s18	20s16	1s36	1n32	1s 1	8s50	0n40	23s 3	0s13	19s 9	1n43	21s37	0s31	19s47	0n21	17n48	5s31	13s31	13s26	16n16	3s50	5n36

Julian Day Number = 2510987.5, Delta T = 130.84 sec
Ecliptic obliquity = 23°24'58, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°00'52, Lahiri = 26°07'53

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2162
geocentric

NOVEMBER 2162 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 41 27	8♏36'36	17♌16	25♏18	24♍32	25♎ 3	12♑41	3♐39	25♑ 4	0♒ 0	5°R35	6♏ 1	5♏42	18♉50	6°R42	M 1
T 2	2 45 23	9°36'33	0♍36	26°45	25°17	25°43	12°50	3°46	25° 6	0° 1	5♋34	6° 1	5°39	18°57	6♓41	T 2
W 3	2 49 20	10°36'32	14°22	28°11	26° 3	26°23	13° 0	3°53	25° 7	0° 2	5°34	6° 1	5°36	19° 3	6°40	W 3
T 4	2 53 17	11°36'34	28°36	29°37	26°50	27° 2	13°10	4° 0	25° 9	0° 2	5°33	6° 2	5°33	19°10	6°39	T 4
F 5	2 57 13	12°36'37	13♎14	1♐ 2	27°38	27°42	13°20	4° 6	25°10	0° 3	5°32	6° 2	5°30	19°17	6°38	F 5
S 6	3 1 10	13°36'43	28°12	2°27	28°26	28°22	13°30	4°13	25°12	0° 4	5°32	6° 3	5°27	19°23	6°38	S 6
S 7	3 5 6	14°36'51	13♏23	3°50	29°16	29° 1	13°40	4°20	25°13	0° 5	5°31	6°R 3	5°23	19°30	6°37	S 7
M 8	3 9 3	15°37'00	28°36	5°13	0♎ 6	29°41	13°50	4°27	25°15	0° 6	5°30	6° 2	5°20	19°37	6°37	M 8
T 9	3 12 59	16°37'11	13♐43	6°35	0°57	0♏21	14° 0	4°34	25°17	0° 7	5°30	6° 1	5°17	19°43	6°36	T 9
W10	3 16 56	17°37'24	28°34	7°56	1°49	1° 1	14°11	4°41	25°19	0° 8	5°29	6° 0	5°14	19°50	6°36	W10
T 11	3 20 52	18°37'39	13♑ 3	9°16	2°42	1°41	14°21	4°48	25°20	0° 9	5°28	5°58	5°11	19°57	6°35	T 11
F 12	3 24 49	19°37'55	27° 5	10°34	3°35	2°21	14°32	4°55	25°22	0°10	5°27	5°57	5° 7	20° 3	6°35	F 12
S 13	3 28 46	20°38'12	10♒41	11°52	4°29	3° 1	14°43	5° 2	25°24	0°11	5°27	5°56	5° 4	20°10	6°35	S 13
S 14	3 32 42	21°38'31	23°50	13° 8	5°24	3°41	14°53	5° 9	25°26	0°12	5°26	5°D56	5° 1	20°17	6°35	S 14
M15	3 36 39	22°38'51	6♓37	14°22	6°19	4°20	15° 4	5°16	25°28	0°13	5°25	5°56	4°58	20°23	6°34	M15
T 16	3 40 35	23°39'13	19° 4	15°34	7°15	5° 0	15°15	5°23	25°30	0°14	5°24	5°57	4°55	20°30	6°34	T 16
W17	3 44 32	24°39'35	1♈16	16°44	8°12	5°40	15°27	5°30	25°32	0°15	5°23	5°59	4°52	20°36	6°D34	W17
T 18	3 48 28	25°40'00	13°17	17°52	9° 9	6°21	15°38	5°37	25°35	0°16	5°22	6° 1	4°48	20°43	6°34	T 18
F 19	3 52 25	26°40'26	25°10	18°58	10° 6	7° 1	15°49	5°44	25°37	0°18	5°21	6° 2	4°45	20°50	6°34	F 19
S 20	3 56 21	27°40'53	6♉59	20° 0	11° 4	7°41	16° 0	5°51	25°39	0°19	5°21	6°R 2	4°42	20°56	6°35	S 20
S 21	4 0 18	28°41'22	18°47	20°59	12° 3	8°21	16°12	5°58	25°41	0°20	5°20	6° 2	4°39	21° 3	6°35	S 21
M22	4 4 15	29°41'52	0♊35	21°55	13° 2	9° 1	16°24	6° 5	25°44	0°22	5°19	6° 0	4°36	21°10	6°35	M22
T 23	4 8 11	0♐42'24	12°27	22°46	14° 2	9°41	16°35	6°12	25°46	0°23	5°18	5°56	4°32	21°16	6°36	T 23
W24	4 12 8	1°42'57	24°24	23°32	15° 2	10°21	16°47	6°19	25°48	0°24	5°17	5°52	4°29	21°23	6°36	W24
T 25	4 16 4	2°43'32	6♋27	24°12	16° 2	11° 2	16°59	6°26	25°51	0°26	5°16	5°48	4°26	21°30	6°36	T 25
F 26	4 20 1	3°44'09	18°39	24°47	17° 3	11°42	17°11	6°33	25°53	0°27	5°15	5°43	4°23	21°36	6°37	F 26
S 27	4 23 57	4°44'47	1♌ 2	25°14	18° 4	12°22	17°23	6°40	25°56	0°29	5°14	5°38	4°20	21°43	6°38	S 27
S 28	4 27 54	5°45'27	13°39	25°34	19° 6	13° 3	17°35	6°48	25°58	0°30	5°13	5°35	4°17	21°50	6°38	S 28
M29	4 31 50	6°46'08	26°33	25°46	20° 8	13°43	17°47	6°55	26° 1	0°31	5°12	5°33	4°13	21°56	6°39	M29
T 30	4 35 47	7♐46'51	9♍45	25°R48	21♎11	14♏24	17♑59	7♐ 2	26♑ 4	0♒33	5♋11	5°D33	4♏10	22♉ 3	6♓40	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14s22	10n41	5s12	20s43	1s42	1n23	0s52	9s 5	0n39	23s 2	0s13	19s11	1n43	21s37	0s31	19s47	0n21	17n47	5s31	13s31	13s25	16n17	3s51	5n36
T 2	14 41	6 44	4 49	21 9	1 47	1 13	0 43	9 20	0 39	23 1	0 13	19 12	1 43	21 37	0 31	19 47	0 21	17 47	5 31	13 31	13 24	16 18	3 51	5 35
W 3	14 59	2 18	4 10	21 34	1 53	1 2	0 35	9 34	0 38	23 0	0 13	19 13	1 43	21 36	0 31	19 47	0 21	17 47	5 31	13 31	13 23	16 19	3 52	5 35
T 4	15 18	2s24	3 14	21 58	1 58	0 51	0 26	9 49	0 38	22 59	0 13	19 15	1 43	21 36	0 31	19 47	0 21	17 47	5 31	13 31	13 22	16 20	3 53	5 35
F 5	15 36	7 7	2 4	22 21	2 3	0 40	0 18	10 4	0 37	22 58	0 13	19 16	1 43	21 36	0 31	19 46	0 21	17 47	5 31	13 31	13 20	16 21	3 53	5 34
S 6	15 55	11 30	0 43	22 43	2 8	0 28	0 11	10 18	0 37	22 57	0 14	19 17	1 43	21 35	0 31	19 46	0 21	17 47	5 31	13 31	13 19	16 22	3 54	5 34
S 7	16 12	15 12	0n41	23 4	2 12	0 15	0 3	10 33	0 37	22 56	0 14	19 19	1 42	21 35	0 31	19 46	0 21	17 47	5 31	13 31	13 18	16 23	3 54	5 33
M 8	16 30	17 51	2 2	23 23	2 17	0 2	0n 5	10 47	0 36	22 55	0 14	19 20	1 42	21 35	0 31	19 46	0 21	17 47	5 31	13 31	13 17	16 24	3 55	5 33
T 9	16 47	19 12	3 14	23 42	2 21	0s12	0 12	11 2	0 36	22 54	0 14	19 21	1 42	21 34	0 31	19 46	0 21	17 47	5 31	13 31	13 16	16 25	3 55	5 33
W10	17 4	19 12	4 12	23 59	2 24	0 26	0 19	11 16	0 35	22 53	0 14	19 23	1 42	21 34	0 31	19 46	0 21	17 47	5 31	13 30	13 15	16 26	3 56	5 32
T 11	17 21	17 56	4 52	24 15	2 28	0 41	0 26	11 30	0 35	22 52	0 14	19 24	1 42	21 34	0 31	19 45	0 21	17 47	5 31	13 30	13 14	16 26	3 56	5 32
F 12	17 37	15 36	5 13	24 30	2 31	0 56	0 32	11 44	0 34	22 51	0 14	19 25	1 42	21 33	0 31	19 45	0 21	17 47	5 31	13 29	13 13	16 27	3 57	5 32
S 13	17 54	12 28	5 16	24 43	2 33	1 11	0 39	11 58	0 34	22 50	0 14	19 27	1 42	21 33	0 31	19 45	0 21	17 47	5 31	13 29	13 12	16 28	3 57	5 31
S 14	18 9	8 48	5 2	24 55	2 35	1 27	0 45	12 12	0 33	22 49	0 14	19 28	1 42	21 33	0 31	19 45	0 21	17 47	5 31	13 29	13 11	16 29	3 58	5 31
M15	18 25	4 51	4 33	25 6	2 37	1 43	0 51	12 26	0 33	22 48	0 14	19 29	1 42	21 32	0 31	19 45	0 21	17 47	5 31	13 29	13 10	16 30	3 58	5 30
T 16	18 40	0 46	3 52	25 15	2 38	2 0	0 57	12 40	0 32	22 47	0 14	19 31	1 42	21 32	0 31	19 44	0 21	17 47	5 31	13 30	13 9	16 31	3 59	5 30
W17	18 55	3n16	3 1	25 23	2 39	2 17	1 3	12 54	0 32	22 46	0 14	19 32	1 42	21 31	0 31	19 44	0 21	17 47	5 31	13 30	13 8	16 32	3 59	5 30
T 18	19 9	7 7	2 3	25 30	2 39	2 34	1 8	13 8	0 31	22 44	0 14	19 33	1 42	21 31	0 31	19 44	0 21	17 47	5 31	13 31	13 7	16 33	3 59	5 29
F 19	19 24	10 39	1 0	25 35	2 38	2 52	1 14	13 21	0 31	22 43	0 14	19 34	1 41	21 30	0 31	19 44	0 21	17 47	5 31	13 31	13 6	16 34	4 0	5 29
S 20	19 37	13 45	0s 5	25 38	2 37	3 10	1 19	13 35	0 30	22 42	0 15	19 36	1 41	21 30	0 31	19 43	0 21	17 47	5 32	13 31	13 5	16 35	4 0	5 28
S 21	19 51	16 16	1 10	25 41	2 34	3 28	1 24	13 48	0 30	22 41	0 15	19 37	1 41	21 30	0 31	19 43	0 21	17 47	5 32	13 31	13 3	16 36	4 0	5 28
M22	20 4	18 7	2 11	25 41	2 31	3 47	1 29	14 1	0 29	22 39	0 15	19 38	1 41	21 29	0 31	19 43	0 21	17 47	5 32	13 30	13 2	16 37	4 0	5 28
T 23	20 17	19 10	3 7	25 40	2 28	4 6	1 33	14 15	0 29	22 38	0 15	19 40	1 41	21 29	0 31	19 43	0 21	17 47	5 32	13 29	13 1	16 38	4 1	5 27
W24	20 29	19 23	3 55	25 38	2 23	4 25	1 38	14 28	0 28	22 36	0 15	19 41	1 41	21 28	0 31	19 42	0 21	17 47	5 32	13 28	13 0	16 39	4 1	5 27
T 25	20 41	18 42	4 34	25 34	2 17	4 44	1 42	14 41	0 28	22 35	0 15	19 42	1 41	21 28	0 31	19 42	0 21	17 47	5 32	13 26	12 59	16 39	4 1	5 26
F 26	20 53	17 10	5 0	25 29	2 10	5 3	1 46	14 54	0 27	22 34	0 15	19 43	1 41	21 27	0 31	19 42	0 21	17 47	5 32	13 25	12 58	16 40	4 1	5 26
S 27	21 4	14 49	5 12	25 21	2 2	5 23	1 50	15 6	0 27	22 32	0 15	19 45	1 41	21 27	0 31	19 42	0 21	17 47	5 32	13 23	12 57	16 41	4 1	5 26
S 28	21 15	11 45	5 10	25 12	1 52	5 43	1 54	15 19	0 26	22 31	0 15	19 46	1 41	21 26	0 31	19 41	0 21	17 47	5 32	13 22	12 56	16 42	4 1	5 25
M29	21 25	8 4	4 53	25 2	1 41	6 3	1 57	15 32	0 26	22 29	0 15	19 47	1 41	21 26	0 31	19 41	0 21	17 47	5 32	13 22	12 55	16 43	4 2	5 25
T 30	21s35	3n54	4s19	24s50	1s29	6s23	2n 1	15s44	0n25	22s28	0s15	19s48	1n41	21s25	0s31	19s41	0n21	17n47	5s32	13s21	12s54	16n44	4s 2	5n25

Julian Day Number = 2511018.5, Delta T = 130.90 sec
Ecliptic obliquity = 23°24'58, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°00'56, Lahiri = 26°07'57

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2162
geocentric

DECEMBER 2162 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 39 44	8♐47'36	23♍20	25°R41	22♎14	15♏ 4	18♑11	7♐ 9	26♑ 6	0♒35	5°R10	5♏33	4♏ 7	22♉10	6♓41	W 1
T 2	4 43 40	9°48'22	7♎18	25♐22	23°17	15°44	18°24	7°16	26° 9	0°36	5♋ 9	5°35	4° 4	22°16	6°42	T 2
F 3	4 47 37	10°49'10	21°40	24°53	24°21	16°25	18°36	7°23	26°12	0°38	5° 8	5°36	4° 1	22°23	6°43	F 3
S 4	4 51 33	11°49'59	6♏24	24°13	25°25	17° 6	18°49	7°30	26°14	0°39	5° 6	5°R37	3°58	22°30	6°44	S 4
S 5	4 55 30	12°50'50	21°24	23°22	26°29	17°46	19° 1	7°37	26°17	0°41	5° 5	5°36	3°54	22°36	6°45	S 5
M 6	4 59 26	13°51'42	6♐33	22°21	27°34	18°27	19°14	7°44	26°20	0°43	5° 4	5°33	3°51	22°43	6°46	M 6
T 7	5 3 23	14°52'35	21°42	21°12	28°39	19° 7	19°26	7°52	26°23	0°44	5° 3	5°28	3°48	22°49	6°47	T 7
W 8	5 7 19	15°53'29	6♑41	19°55	29°44	19°48	19°39	7°59	26°26	0°46	5° 2	5°22	3°45	22°56	6°48	W 8
T 9	5 11 16	16°54'24	21°21	18°34	0♏49	20°29	19°52	8° 6	26°29	0°48	5° 1	5°16	3°42	23° 3	6°50	T 9
F 10	5 15 13	17°55'20	5♒36	17°11	1°55	21° 9	20° 5	8°13	26°32	0°50	5° 0	5° 9	3°38	23° 9	6°51	F 10
S 11	5 19 9	18°56'17	19°21	15°49	3° 1	21°50	20°18	8°20	26°34	0°51	4°59	5° 4	3°35	23°16	6°52	S 11
S 12	5 23 6	19°57'14	2♓38	14°31	4° 7	22°31	20°31	8°27	26°37	0°53	4°57	5° 0	3°32	23°23	6°54	S 12
M13	5 27 2	20°58'12	15°28	13°19	5°14	23°12	20°44	8°34	26°40	0°55	4°56	4°D59	3°29	23°29	6°55	M13
T 14	5 30 59	21°59'11	27°55	12°15	6°20	23°53	20°57	8°41	26°44	0°57	4°55	4°59	3°26	23°36	6°57	T 14
W15	5 34 55	23° 0'10	10♈ 4	11°20	7°27	24°33	21°10	8°48	26°47	0°59	4°54	5° 0	3°23	23°43	6°59	W15
T 16	5 38 52	24° 1'10	22° 1	10°37	8°34	25°14	21°23	8°55	26°50	1° 1	4°53	5° 1	3°19	23°49	7° 0	T 16
F 17	5 42 48	25° 2'10	3♉51	10° 4	9°42	25°55	21°37	9° 2	26°53	1° 3	4°52	5°R 2	3°16	23°56	7° 2	F 17
S 18	5 46 45	26° 3'11	15°37	9°43	10°49	26°36	21°50	9° 9	26°56	1° 5	4°50	5° 1	3°13	24° 3	7° 4	S 18
S 19	5 50 42	27° 4'12	27°25	9°33	11°57	27°17	22° 3	9°16	26°59	1° 7	4°49	4°58	3°10	24° 9	7° 6	S 19
M20	5 54 38	28° 5'14	9♊17	9°D33	13° 5	27°58	22°17	9°23	27° 2	1° 9	4°48	4°53	3° 7	24°16	7° 8	M20
T 21	5 58 35	29° 6'17	21°16	9°42	14°13	28°39	22°30	9°29	27° 6	1°11	4°47	4°45	3° 4	24°23	7°10	T 21
W22	6 2 31	0♑ 7'20	3♋22	10° 1	15°22	29°20	22°44	9°36	27° 9	1°13	4°46	4°36	3° 0	24°29	7°12	W22
T 23	6 6 28	1° 8'24	15°39	10°27	16°30	0♐ 1	22°57	9°43	27°12	1°15	4°44	4°25	2°57	24°36	7°14	T 23
F 24	6 10 24	2° 9'29	28° 6	11° 1	17°39	0°43	23°11	9°50	27°15	1°17	4°43	4°13	2°54	24°43	7°16	F 24
S 25	6 14 21	3°10'34	10♌43	11°41	18°48	1°24	23°24	9°57	27°19	1°19	4°42	4° 3	2°51	24°49	7°18	S 25
S 26	6 18 17	4°11'39	23°32	12°27	19°57	2° 5	23°38	10° 3	27°22	1°21	4°41	3°54	2°48	24°56	7°21	S 26
M27	6 22 14	5°12'45	6♍33	13°17	21° 6	2°46	23°51	10°10	27°25	1°23	4°40	3°48	2°44	25° 3	7°23	M27
T 28	6 26 11	6°13'52	19°48	14°13	22°16	3°28	24° 5	10°17	27°29	1°25	4°38	3°44	2°41	25° 9	7°25	T 28
W29	6 30 7	7°15'00	3♎18	15°12	23°25	4° 9	24°19	10°23	27°32	1°27	4°37	3°D43	2°38	25°16	7°28	W29
T 30	6 34 4	8°16'08	17° 5	16°15	24°35	4°50	24°33	10°30	27°35	1°29	4°36	3°43	2°35	25°23	7°30	T 30
F 31	6 38 0	9♑17'17	1♏ 9	17♐21	25♏45	5♐32	24♑46	10♐36	27♑39	1♒31	4♋35	3°R43	2♏32	25♉29	7♓32	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21s45	0s35	3s31	24s35	1s15	6s44	2n 4	15s57	0n25	22s26	0s15	19s50	1n41	21s25	0s31	19s40	0n21	17n47	5s32	13s22	12s53	16n45	4s 2	5n24
T 2	21 54	5 10	2 29	24 19	0 59	7 4	2 7	16 9	0 24	22 24	0 15	19 51	1 41	21 24	0 31	19 40	0 21	17 47	5 32	13 22	12 52	16 46	4 2	5 24
F 3	22 3	9 36	1 16	24 2	0 43	7 25	2 10	16 21	0 24	22 23	0 15	19 52	1 41	21 24	0 31	19 40	0 21	17 48	5 32	13 23	12 51	16 47	4 2	5 23
S 4	22 11	13 34	0n 4	23 42	0 25	7 45	2 13	16 33	0 23	22 21	0 16	19 53	1 41	21 23	0 31	19 39	0 21	17 48	5 32	13 23	12 50	16 47	4 2	5 23
S 5	22 19	16 43	1 25	23 21	0 6	8 6	2 15	16 45	0 23	22 20	0 16	19 54	1 41	21 23	0 31	19 39	0 21	17 48	5 32	13 23	12 48	16 48	4 2	5 23
M 6	22 26	18 45	2 41	22 57	0n14	8 27	2 18	16 57	0 22	22 18	0 16	19 55	1 41	21 22	0 31	19 39	0 21	17 48	5 32	13 22	12 47	16 49	4 2	5 22
T 7	22 34	19 25	3 45	22 33	0 35	8 48	2 20	17 8	0 22	22 16	0 16	19 57	1 41	21 22	0 31	19 38	0 21	17 48	5 32	13 20	12 46	16 50	4 1	5 22
W 8	22 40	18 43	4 32	22 7	0 55	9 9	2 22	17 20	0 21	22 14	0 16	19 58	1 41	21 21	0 31	19 38	0 21	17 48	5 32	13 18	12 45	16 51	4 1	5 22
T 9	22 46	16 46	5 1	21 41	1 15	9 29	2 24	17 31	0 21	22 13	0 16	19 59	1 41	21 21	0 31	19 38	0 20	17 48	5 32	13 16	12 44	16 52	4 1	5 21
F 10	22 52	13 50	5 10	21 15	1 34	9 50	2 26	17 43	0 20	22 11	0 16	20 0	1 41	21 20	0 31	19 37	0 20	17 48	5 32	13 14	12 43	16 53	4 1	5 21
S 11	22 57	10 14	5 0	20 49	1 51	10 11	2 28	17 54	0 19	22 9	0 16	20 1	1 40	21 19	0 31	19 37	0 20	17 48	5 32	13 12	12 42	16 53	4 1	5 20
S 12	23 2	6 15	4 35	20 26	2 6	10 32	2 30	18 5	0 19	22 7	0 16	20 2	1 40	21 19	0 31	19 36	0 20	17 48	5 32	13 11	12 41	16 54	4 1	5 20
M13	23 7	2 6	3 56	20 4	2 20	10 53	2 31	18 15	0 18	22 5	0 16	20 3	1 40	21 18	0 31	19 36	0 20	17 48	5 32	13 10	12 40	16 55	4 0	5 20
T 14	23 10	2n 2	3 7	19 45	2 31	11 13	2 32	18 26	0 18	22 3	0 16	20 4	1 40	21 18	0 31	19 36	0 20	17 48	5 32	13 10	12 39	16 56	4 0	5 19
W15	23 14	6 0	2 11	19 29	2 39	11 34	2 33	18 37	0 17	22 1	0 16	20 6	1 40	21 17	0 31	19 35	0 20	17 48	5 32	13 10	12 38	16 57	4 0	5 19
T 16	23 17	9 39	1 10	19 17	2 46	11 55	2 34	18 47	0 17	21 59	0 16	20 7	1 40	21 16	0 31	19 35	0 20	17 48	5 32	13 11	12 37	16 58	4 0	5 19
F 17	23 19	12 53	0 6	19 8	2 50	12 15	2 35	18 57	0 16	21 57	0 16	20 8	1 40	21 16	0 31	19 35	0 20	17 48	5 32	13 11	12 36	16 58	3 59	5 18
S 18	23 21	15 36	0s57	19 3	2 52	12 35	2 36	19 8	0 15	21 55	0 17	20 9	1 40	21 15	0 31	19 34	0 20	17 48	5 31	13 11	12 34	16 59	3 59	5 18
S 19	23 23	17 39	1 58	19 1	2 53	12 55	2 36	19 18	0 15	21 53	0 17	20 10	1 40	21 15	0 31	19 34	0 20	17 48	5 31	13 10	12 33	17 0	3 59	5 18
M20	23 24	18 58	2 54	19 2	2 52	13 15	2 37	19 27	0 14	21 51	0 17	20 11	1 40	21 14	0 31	19 33	0 20	17 49	5 31	13 8	12 32	17 1	3 58	5 17
T 21	23 25	19 26	3 42	19 6	2 49	13 35	2 37	19 37	0 14	21 49	0 17	20 12	1 40	21 13	0 31	19 33	0 20	17 49	5 31	13 6	12 31	17 2	3 58	5 17
W22	23 25	19 1	4 21	19 12	2 46	13 55	2 37	19 47	0 13	21 47	0 17	20 13	1 40	21 13	0 31	19 32	0 20	17 49	5 31	13 2	12 30	17 2	3 57	5 17
T 23	23 25	17 43	4 49	19 20	2 41	14 14	2 37	19 56	0 12	21 45	0 17	20 14	1 40	21 12	0 31	19 32	0 20	17 49	5 31	12 59	12 29	17 3	3 57	5 16
F 24	23 24	15 35	5 3	19 30	2 36	14 34	2 37	20 5	0 12	21 42	0 17	20 15	1 40	21 11	0 31	19 32	0 20	17 49	5 31	12 55	12 28	17 4	3 56	5 16
S 25	23 23	12 41	5 2	19 42	2 29	14 53	2 37	20 14	0 11	21 40	0 17	20 16	1 40	21 11	0 31	19 31	0 20	17 49	5 31	12 51	12 27	17 5	3 56	5 16
S 26	23 21	9 8	4 47	19 54	2 23	15 11	2 37	20 23	0 11	21 38	0 17	20 17	1 40	21 10	0 31	19 31	0 20	17 49	5 31	12 48	12 26	17 6	3 55	5 15
M27	23 19	5 7	4 17	20 8	2 15	15 30	2 37	20 32	0 10	21 36	0 17	20 18	1 40	21 9	0 31	19 30	0 20	17 49	5 31	12 46	12 25	17 6	3 55	5 15
T 28	23 16	0 47	3 32	20 22	2 8	15 48	2 36	20 40	0 9	21 33	0 17	20 19	1 41	21 9	0 31	19 30	0 20	17 49	5 31	12 45	12 24	17 7	3 54	5 15
W29	23 13	3s41	2 35	20 36	2 0	16 6	2 35	20 49	0 9	21 31	0 17	20 20	1 41	21 8	0 31	19 29	0 20	17 49	5 31	12 45	12 23	17 8	3 54	5 14
T 30	23 9	8 3	1 28	20 51	1 52	16 24	2 35	20 57	0 8	21 29	0 17	20 20	1 41	21 7	0 31	19 29	0 20	17 49	5 31	12 45	12 21	17 9	3 53	5 14
F 31	23s 5	12s 5	0s14	21s 6	1n44	16s41	2n34	21s 5	0n 8	21s26	0s18	20s21	1n41	21s 7	0s31	19s28	0n20	17n50	5s31	12s45	12s20	17n10	3s53	5n14

Julian Day Number = 2511048.5, Delta T = 130.96 sec
Ecliptic obliquity = 23°24'57, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°01'01, Lahiri = 26°08'01

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2163
geocentric

JANUARY 2163 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 41 57	10♑18'26	15♏32	18♐29	26♏55	6♐13	25♑ 0	10♐43	27♑42	1♒33	4°R34	3°R43	2♏29	25♉36	7♓35	S 1
S 2	6 45 53	11°19'36	0♐10	19°40	28° 5	6°54	25°14	10°49	27°46	1°36	4♋32	3♏40	2°25	25°43	7°38	S 2
M 3	6 49 50	12°20'46	14°58	20°54	29°15	7°36	25°28	10°56	27°49	1°38	4°31	3°35	2°22	25°49	7°40	M 3
T 4	6 53 47	13°21'57	29°51	22° 9	0♐26	8°17	25°42	11° 2	27°53	1°40	4°30	3°27	2°19	25°56	7°43	T 4
W 5	6 57 43	14°23'08	14♑39	23°25	1°36	8°59	25°56	11° 9	27°56	1°42	4°29	3°16	2°16	26° 3	7°46	W 5
T 6	7 1 40	15°24'18	29°14	24°44	2°47	9°40	26°10	11°15	28° 0	1°44	4°28	3° 5	2°13	26° 9	7°48	T 6
F 7	7 5 36	16°25'29	13♒29	26° 3	3°57	10°22	26°24	11°21	28° 3	1°47	4°26	2°53	2°10	26°16	7°51	F 7
S 8	7 9 33	17°26'40	27°18	27°24	5° 8	11° 4	26°38	11°28	28° 7	1°49	4°25	2°43	2° 6	26°22	7°54	S 8
S 9	7 13 29	18°27'50	10♓40	28°46	6°19	11°45	26°52	11°34	28°10	1°51	4°24	2°35	2° 3	26°29	7°57	S 9
M10	7 17 26	19°29'00	23°35	0♑ 9	7°30	12°27	27° 6	11°40	28°14	1°53	4°23	2°30	2° 0	26°36	8° 0	M10
T 11	7 21 22	20°30'09	6♈ 6	1°33	8°41	13° 9	27°20	11°46	28°17	1°55	4°22	2°27	1°57	26°42	8° 3	T 11
W12	7 25 19	21°31'18	18°18	2°58	9°52	13°50	27°34	11°52	28°21	1°58	4°21	2°D27	1°54	26°49	8° 6	W12
T 13	7 29 16	22°32'26	0♉16	4°23	11° 4	14°32	27°48	11°58	28°24	2° 0	4°20	2°R27	1°50	26°56	8° 9	T 13
F 14	7 33 12	23°33'34	12° 6	5°49	12°15	15°14	28° 2	12° 4	28°28	2° 2	4°18	2°26	1°47	27° 2	8°12	F 14
S 15	7 37 9	24°34'42	23°53	7°16	13°27	15°56	28°16	12°10	28°31	2° 4	4°17	2°25	1°44	27° 9	8°15	S 15
S 16	7 41 5	25°35'49	5♊42	8°44	14°38	16°38	28°30	12°16	28°35	2° 7	4°16	2°21	1°41	27°16	8°18	S 16
M17	7 45 2	26°36'55	17°37	10°12	15°50	17°20	28°44	12°21	28°38	2° 9	4°15	2°14	1°38	27°22	8°21	M17
T 18	7 48 58	27°38'01	29°43	11°41	17° 1	18° 1	28°58	12°27	28°42	2°11	4°14	2° 4	1°35	27°29	8°25	T 18
W19	7 52 55	28°39'06	12♋ 1	13°11	18°13	18°43	29°12	12°33	28°45	2°14	4°13	1°52	1°31	27°36	8°28	W19
T 20	7 56 51	29°40'11	24°32	14°41	19°25	19°25	29°26	12°38	28°49	2°16	4°12	1°38	1°28	27°42	8°31	T 20
F 21	8 0 48	0♒41'15	7♌17	16°11	20°37	20° 7	29°40	12°44	28°52	2°18	4°11	1°23	1°25	27°49	8°35	F 21
S 22	8 4 45	1°42'19	20°15	17°42	21°49	20°49	29°55	12°49	28°56	2°20	4°10	1°10	1°22	27°56	8°38	S 22
S 23	8 8 41	2°43'22	3♍25	19°14	23° 1	21°31	0♒ 9	12°55	29° 0	2°23	4° 9	0°59	1°19	28° 2	8°41	S 23
M24	8 12 38	3°44'25	16°45	20°47	24°13	22°14	0°23	13° 0	29° 3	2°25	4° 8	0°50	1°16	28° 9	8°45	M24
T 25	8 16 34	4°45'27	0♎15	22°20	25°25	22°56	0°37	13° 6	29° 7	2°27	4° 7	0°45	1°12	28°16	8°48	T 25
W26	8 20 31	5°46'28	13°54	23°53	26°38	23°38	0°51	13°11	29°10	2°29	4° 6	0°42	1° 9	28°22	8°52	W26
T 27	8 24 27	6°47'29	27°43	25°27	27°50	24°20	1° 5	13°16	29°14	2°32	4° 5	0°42	1° 6	28°29	8°55	T 27
F 28	8 28 24	7°48'30	11♏41	27° 2	29° 2	25° 2	1°19	13°21	29°17	2°34	4° 4	0°42	1° 3	28°36	8°59	F 28
S 29	8 32 20	8°49'31	25°49	28°38	0♑15	25°45	1°33	13°26	29°21	2°36	4° 3	0°41	1° 0	28°42	9° 2	S 29
S 30	8 36 17	9°50'31	10♐ 6	0♒14	1°27	26°27	1°47	13°31	29°24	2°39	4° 2	0°38	0°56	28°49	9° 6	S 30
M31	8 40 14	10♒51'30	24♐29	1♒50	2♑40	27♐ 9	2♒ 1	13♐36	29♑28	2♒41	4♋ 1	0♏33	0♏53	28♉56	9♓ 9	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s 1	15s29	1n 3	21s20	1n35	16s58	2n33	21s13	0n 7	21s24	0s18	20s22	1n41	21s 6	0s31	19s28	0n20	17n50	5s31	12s45	12s19	17n10	3s52	5n13
S 2	22 56	17 57	2 16	21 34	1 27	17 15	2 32	21 20	0 6	21 22	0 18	20 23	1 41	21 5	0 31	19 28	0 20	17 50	5 31	12 44	12 18	17 11	3 51	5 13
M 3	22 51	19 15	3 21	21 48	1 18	17 31	2 31	21 28	0 6	21 19	0 18	20 24	1 41	21 5	0 31	19 27	0 20	17 50	5 31	12 42	12 17	17 12	3 51	5 13
T 4	22 45	19 13	4 12	22 1	1 10	17 47	2 29	21 35	0 5	21 17	0 18	20 25	1 41	21 4	0 31	19 27	0 20	17 50	5 31	12 39	12 16	17 13	3 50	5 12
W 5	22 38	17 52	4 46	22 14	1 1	18 3	2 28	21 42	0 4	21 14	0 18	20 26	1 41	21 3	0 31	19 26	0 20	17 50	5 31	12 36	12 15	17 13	3 49	5 12
T 6	22 32	15 22	5 1	22 26	0 53	18 18	2 27	21 49	0 4	21 12	0 18	20 27	1 41	21 3	0 31	19 26	0 20	17 50	5 30	12 32	12 14	17 14	3 48	5 12
F 7	22 24	12 1	4 57	22 37	0 44	18 33	2 25	21 56	0 3	21 9	0 18	20 27	1 41	21 2	0 31	19 25	0 20	17 50	5 30	12 28	12 13	17 15	3 48	5 11
S 8	22 17	8 5	4 35	22 48	0 36	18 47	2 23	22 2	0 2	21 6	0 18	20 28	1 41	21 1	0 31	19 25	0 20	17 50	5 30	12 24	12 12	17 16	3 47	5 11
S 9	22 9	3 53	3 58	22 57	0 28	19 1	2 22	22 9	0 2	21 4	0 18	20 29	1 41	21 1	0 31	19 24	0 20	17 51	5 30	12 22	12 11	17 16	3 46	5 11
M10	22 0	0n22	3 11	23 5	0 20	19 14	2 20	22 15	0 1	21 1	0 18	20 30	1 41	21 0	0 31	19 24	0 20	17 51	5 30	12 20	12 9	17 17	3 45	5 11
T 11	21 51	4 29	2 15	23 13	0 12	19 27	2 18	22 21	0 0	20 59	0 18	20 30	1 41	20 59	0 31	19 23	0 20	17 51	5 30	12 19	12 8	17 18	3 44	5 10
W12	21 42	8 19	1 14	23 19	0 4	19 40	2 16	22 27	0s 0	20 56	0 19	20 31	1 41	20 58	0 31	19 23	0 20	17 51	5 30	12 19	12 7	17 19	3 44	5 10
T 13	21 32	11 44	0 12	23 25	0s 4	19 52	2 14	22 32	0 1	20 53	0 19	20 32	1 41	20 58	0 31	19 22	0 20	17 51	5 30	12 19	12 6	17 19	3 43	5 10
F 14	21 22	14 38	0s51	23 29	0 12	20 4	2 12	22 38	0 2	20 50	0 19	20 33	1 41	20 57	0 31	19 22	0 20	17 51	5 30	12 18	12 5	17 20	3 42	5 9
S 15	21 11	16 56	1 51	23 32	0 19	20 15	2 10	22 43	0 2	20 48	0 19	20 33	1 41	20 56	0 31	19 21	0 20	17 51	5 30	12 18	12 4	17 21	3 41	5 9
S 16	21 0	18 30	2 46	23 34	0 26	20 25	2 7	22 48	0 3	20 45	0 19	20 34	1 41	20 56	0 31	19 21	0 20	17 51	5 30	12 16	12 3	17 22	3 40	5 9
M17	20 49	19 16	3 35	23 35	0 33	20 35	2 5	22 53	0 4	20 42	0 19	20 35	1 41	20 55	0 31	19 20	0 20	17 52	5 29	12 14	12 2	17 22	3 39	5 9
T 18	20 37	19 11	4 14	23 34	0 40	20 45	2 3	22 57	0 5	20 39	0 19	20 35	1 41	20 54	0 31	19 20	0 20	17 52	5 29	12 11	12 1	17 23	3 38	5 8
W19	20 25	18 11	4 42	23 32	0 47	20 54	2 0	23 2	0 5	20 37	0 19	20 36	1 41	20 53	0 31	19 19	0 20	17 52	5 29	12 6	12 0	17 24	3 37	5 8
T 20	20 12	16 18	4 58	23 29	0 53	21 2	1 58	23 6	0 6	20 34	0 19	20 37	1 42	20 53	0 31	19 19	0 20	17 52	5 29	12 2	11 58	17 24	3 36	5 8
F 21	19 59	13 37	4 58	23 25	0 59	21 10	1 55	23 10	0 7	20 31	0 19	20 37	1 42	20 52	0 31	19 18	0 20	17 52	5 29	11 57	11 57	17 25	3 35	5 8
S 22	19 46	10 14	4 44	23 19	1 5	21 18	1 52	23 13	0 7	20 28	0 19	20 38	1 42	20 51	0 31	19 18	0 20	17 52	5 29	11 52	11 56	17 26	3 34	5 8
S 23	19 32	6 18	4 14	23 13	1 11	21 24	1 50	23 17	0 8	20 25	0 20	20 39	1 42	20 51	0 31	19 17	0 20	17 52	5 29	11 48	11 55	17 27	3 33	5 7
M24	19 18	2 0	3 30	23 4	1 17	21 31	1 47	23 20	0 9	20 22	0 20	20 39	1 42	20 50	0 31	19 17	0 20	17 53	5 29	11 45	11 54	17 27	3 32	5 7
T 25	19 3	2s27	2 33	22 55	1 22	21 36	1 44	23 23	0 10	20 19	0 20	20 40	1 42	20 49	0 31	19 16	0 20	17 53	5 29	11 43	11 53	17 28	3 31	5 7
W26	18 49	6 50	1 28	22 44	1 27	21 41	1 41	23 26	0 10	20 16	0 20	20 40	1 42	20 48	0 31	19 16	0 20	17 53	5 28	11 42	11 52	17 29	3 30	5 7
T 27	18 33	10 54	0 16	22 32	1 32	21 46	1 38	23 29	0 11	20 13	0 20	20 41	1 42	20 48	0 31	19 15	0 20	17 53	5 28	11 42	11 51	17 29	3 29	5 6
F 28	18 18	14 24	0n58	22 18	1 36	21 49	1 35	23 31	0 12	20 10	0 20	20 41	1 42	20 47	0 31	19 15	0 20	17 53	5 28	11 42	11 50	17 30	3 28	5 6
S 29	18 2	17 6	2 9	22 3	1 40	21 52	1 32	23 33	0 13	20 7	0 20	20 42	1 42	20 46	0 31	19 14	0 20	17 53	5 28	11 42	11 49	17 31	3 27	5 6
S 30	17 46	18 46	3 12	21 47	1 44	21 55	1 29	23 35	0 13	20 4	0 20	20 42	1 42	20 45	0 31	19 14	0 20	17 53	5 28	11 41	11 47	17 31	3 25	5 6
M31	17s29	19s14	4n 4	21s29	1s48	21s57	1n26	23s37	0s14	20s 1	0s20	20s43	1n42	20s45	0s31	19s13	0n20	17n54	5s28	11s39	11s46	17n32	3s24	5n 6

Julian Day Number = 2511079.5, Delta T = 131.03 sec
Ecliptic obliquity = 23°24'57, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°01'05, Lahiri = 26°08'05

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2163
geocentric

FEBRUARY 2163 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 44 10	11♒52'29	8♑54	3♒27	3♑53	27♐52	2♒15	13♐41	29♑31	2♒43	4°R 0	0°R24	0♏50	29♉ 2	9♓13	T 1
W 2	8 48 7	12°53'27	23°17	5° 5	5° 5	28°34	2°29	13°46	29°35	2°45	3♋59	0♏13	0°47	29° 9	9°17	W 2
T 3	8 52 3	13°54'23	7♒31	6°44	6°18	29°16	2°43	13°50	29°38	2°48	3°58	0° 1	0°44	29°16	9°20	T 3
F 4	8 56 0	14°55'19	21°30	8°23	7°31	29°59	2°57	13°55	29°42	2°50	3°57	29♎49	0°41	29°22	9°24	F 4
S 5	8 59 56	15°56'14	5♓ 9	10° 3	8°43	0♑41	3°11	13°59	29°45	2°52	3°56	29°38	0°37	29°29	9°28	S 5
S 6	9 3 53	16°57'08	18°26	11°44	9°56	1°24	3°25	14° 4	29°48	2°54	3°55	29°29	0°34	29°36	9°32	S 6
M 7	9 7 49	17°58'00	1♈19	13°26	11° 9	2° 6	3°39	14° 8	29°52	2°57	3°55	29°23	0°31	29°42	9°35	M 7
T 8	9 11 46	18°58'51	13°52	15° 8	12°22	2°49	3°53	14°13	29°55	2°59	3°54	29°20	0°28	29°49	9°39	T 8
W 9	9 15 43	19°59'41	26° 6	16°51	13°35	3°31	4° 7	14°17	29°59	3° 1	3°53	29°D19	0°25	29°56	9°43	W 9
T 10	9 19 39	21° 0'29	8♉ 6	18°35	14°48	4°14	4°21	14°21	0♒ 2	3° 3	3°52	29°19	0°22	0♊ 2	9°47	T 10
F 11	9 23 36	22° 1'16	19°57	20°19	16° 1	4°57	4°34	14°25	0° 5	3° 5	3°51	29°R19	0°18	0° 9	9°51	F 11
S 12	9 27 32	23° 2'01	1♊46	22° 5	17°14	5°39	4°48	14°29	0° 9	3° 7	3°51	29°19	0°15	0°16	9°55	S 12
S 13	9 31 29	24° 2'45	13°37	23°51	18°27	6°22	5° 2	14°33	0°12	3°10	3°50	29°17	0°12	0°22	9°58	S 13
M14	9 35 25	25° 3'27	25°35	25°38	19°40	7° 5	5°16	14°37	0°15	3°12	3°49	29°12	0° 9	0°29	10° 2	M14
T 15	9 39 22	26° 4'08	7♋45	27°25	20°53	7°47	5°29	14°40	0°19	3°14	3°49	29° 5	0° 6	0°36	10° 6	T 15
W16	9 43 18	27° 4'47	20°10	29°14	22° 6	8°30	5°43	14°44	0°22	3°16	3°48	28°56	0° 2	0°42	10°10	W16
T 17	9 47 15	28° 5'24	2♌52	1♓ 3	23°19	9°13	5°57	14°48	0°25	3°18	3°47	28°45	29♎59	0°49	10°14	T 17
F 18	9 51 12	29° 6'00	15°53	2°52	24°33	9°56	6°10	14°51	0°28	3°20	3°47	28°34	29°56	0°56	10°18	F 18
S 19	9 55 8	0♓ 6'35	29°11	4°43	25°46	10°39	6°24	14°54	0°32	3°22	3°46	28°24	29°53	1° 2	10°22	S 19
S 20	9 59 5	1° 7'07	12♍45	6°33	26°59	11°21	6°37	14°58	0°35	3°24	3°45	28°15	29°50	1° 9	10°26	S 20
M21	10 3 1	2° 7'39	26°31	8°25	28°12	12° 4	6°51	15° 1	0°38	3°27	3°45	28° 8	29°47	1°16	10°30	M21
T 22	10 6 58	3° 8'09	10♎26	10°16	29°26	12°47	7° 4	15° 4	0°41	3°29	3°44	28° 5	29°43	1°22	10°34	T 22
W23	10 10 54	4° 8'37	24°27	12° 8	0♒39	13°30	7°17	15° 7	0°44	3°31	3°44	28°D 3	29°40	1°29	10°38	W23
T 24	10 14 51	5° 9'05	8♏32	14° 0	1°52	14°13	7°31	15°10	0°47	3°33	3°43	28° 4	29°37	1°36	10°42	T 24
F 25	10 18 47	6° 9'31	22°39	15°52	3° 6	14°56	7°44	15°13	0°50	3°35	3°43	28° 5	29°34	1°42	10°46	F 25
S 26	10 22 44	7° 9'55	6♐47	17°43	4°19	15°39	7°57	15°16	0°53	3°37	3°42	28°R 5	29°31	1°49	10°50	S 26
S 27	10 26 40	8°10'19	20°54	19°34	5°33	16°22	8°10	15°18	0°56	3°39	3°42	28° 4	29°27	1°56	10°54	S 27
M28	10 30 37	9♓10'41	4♑59	21♓23	6♒46	17♑ 5	8♒24	15♐21	0♒59	3♒41	3♋41	28♎ 2	29♎24	2♊ 2	10♓58	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s13	18s27	4n40	21s10	1s51	21s58	1n23	23s39	0s15	19s58	0s20	20s43	1n42	20s44	0s31	19s13	0n20	17n54	5s28	11s36	11s45	17n33	3s23	5n 5
W 2	16 56	16 30	4 59	20 49	1 54	21 59	1 20	23 40	0 16	19 55	0 21	20 44	1 43	20 43	0 31	19 12	0 20	17 54	5 28	11 32	11 44	17 33	3 22	5 5
T 3	16 38	13 34	4 58	20 27	1 57	21 59	1 17	23 41	0 16	19 52	0 21	20 44	1 43	20 43	0 31	19 12	0 20	17 54	5 27	11 28	11 43	17 34	3 21	5 5
F 4	16 21	9 54	4 40	20 4	1 59	21 58	1 14	23 42	0 17	19 49	0 21	20 45	1 43	20 42	0 31	19 11	0 20	17 54	5 27	11 24	11 42	17 35	3 19	5 5
S 5	16 3	5 48	4 6	19 39	2 1	21 57	1 11	23 43	0 18	19 46	0 21	20 45	1 43	20 41	0 31	19 11	0 20	17 54	5 27	11 20	11 41	17 35	3 18	5 5
S 6	15 44	1 31	3 19	19 13	2 3	21 55	1 8	23 43	0 19	19 43	0 21	20 46	1 43	20 40	0 31	19 10	0 20	17 55	5 27	11 17	11 40	17 36	3 17	5 5
M 7	15 26	2n43	2 23	18 45	2 4	21 53	1 4	23 43	0 19	19 40	0 21	20 46	1 43	20 40	0 31	19 10	0 20	17 55	5 27	11 15	11 39	17 37	3 16	5 4
T 8	15 7	6 43	1 21	18 16	2 5	21 50	1 1	23 43	0 20	19 36	0 21	20 47	1 43	20 39	0 31	19 9	0 20	17 55	5 27	11 13	11 37	17 37	3 14	5 4
W 9	14 48	10 20	0 17	17 46	2 5	21 46	0 58	23 43	0 21	19 33	0 21	20 47	1 43	20 38	0 31	19 9	0 20	17 55	5 27	11 13	11 36	17 38	3 13	5 4
T 10	14 29	13 27	0s47	17 14	2 5	21 41	0 55	23 43	0 22	19 30	0 21	20 47	1 43	20 38	0 31	19 8	0 20	17 55	5 26	11 13	11 35	17 39	3 12	5 4
F 11	14 9	15 59	1 48	16 40	2 5	21 36	0 51	23 42	0 23	19 27	0 21	20 48	1 43	20 37	0 31	19 8	0 20	17 55	5 26	11 13	11 34	17 39	3 11	5 4
S 12	13 50	17 49	2 44	16 6	2 4	21 31	0 48	23 41	0 23	19 24	0 22	20 48	1 43	20 36	0 31	19 7	0 20	17 56	5 26	11 13	11 33	17 40	3 9	5 4
S 13	13 30	18 53	3 33	15 29	2 3	21 24	0 45	23 40	0 24	19 20	0 22	20 48	1 44	20 36	0 31	19 7	0 20	17 56	5 26	11 12	11 32	17 40	3 8	5 3
M14	13 9	19 7	4 14	14 52	2 1	21 17	0 42	23 39	0 25	19 17	0 22	20 49	1 44	20 35	0 31	19 6	0 20	17 56	5 26	11 11	11 31	17 41	3 7	5 3
T 15	12 49	18 28	4 43	14 13	1 59	21 10	0 38	23 37	0 26	19 14	0 22	20 49	1 44	20 34	0 31	19 6	0 20	17 56	5 26	11 8	11 30	17 42	3 5	5 3
W16	12 28	16 57	5 0	13 33	1 56	21 2	0 35	23 35	0 27	19 11	0 22	20 49	1 44	20 33	0 31	19 5	0 20	17 56	5 26	11 5	11 29	17 42	3 4	5 3
T 17	12 8	14 34	5 3	12 51	1 53	20 53	0 32	23 33	0 28	19 8	0 22	20 50	1 44	20 33	0 31	19 5	0 20	17 56	5 25	11 1	11 27	17 43	3 3	5 3
F 18	11 47	11 26	4 50	12 8	1 49	20 43	0 29	23 31	0 28	19 4	0 22	20 50	1 44	20 32	0 31	19 4	0 20	17 57	5 25	10 57	11 26	17 44	3 1	5 3
S 19	11 25	7 39	4 22	11 24	1 44	20 33	0 25	23 29	0 29	19 1	0 22	20 50	1 44	20 31	0 31	19 4	0 20	17 57	5 25	10 54	11 25	17 44	3 0	5 3
S 20	11 4	3 25	3 38	10 38	1 39	20 23	0 22	23 26	0 30	18 58	0 22	20 50	1 44	20 31	0 31	19 3	0 20	17 57	5 25	10 50	11 24	17 45	2 59	5 3
M21	10 42	1s 4	2 41	9 51	1 34	20 12	0 19	23 23	0 31	18 55	0 23	20 51	1 44	20 30	0 31	19 3	0 20	17 57	5 25	10 48	11 23	17 45	2 57	5 3
T 22	10 21	5 33	1 33	9 3	1 27	20 0	0 16	23 20	0 32	18 51	0 23	20 51	1 45	20 29	0 31	19 2	0 20	17 57	5 25	10 47	11 22	17 46	2 56	5 2
W23	9 59	9 46	0 19	8 15	1 21	19 47	0 12	23 16	0 33	18 48	0 23	20 51	1 45	20 29	0 31	19 2	0 20	17 57	5 24	10 46	11 21	17 47	2 54	5 2
T 24	9 37	13 27	0n56	7 25	1 13	19 34	0 9	23 13	0 33	18 45	0 23	20 51	1 45	20 28	0 31	19 2	0 20	17 58	5 24	10 46	11 20	17 47	2 53	5 2
F 25	9 15	16 21	2 8	6 34	1 5	19 21	0 6	23 9	0 34	18 41	0 23	20 52	1 45	20 28	0 31	19 1	0 20	17 58	5 24	10 47	11 18	17 48	2 52	5 2
S 26	8 52	18 15	3 13	5 43	0 56	19 7	0 3	23 5	0 35	18 38	0 23	20 52	1 45	20 27	0 31	19 1	0 20	17 58	5 24	10 47	11 17	17 48	2 50	5 2
S 27	8 30	19 1	4 6	4 51	0 47	18 52	0s 0	23 1	0 36	18 35	0 23	20 52	1 45	20 26	0 31	19 0	0 20	17 58	5 24	10 47	11 16	17 49	2 49	5 2
M28	8s 7	18s36	4n44	3s58	0s37	18s37	0s 3	22s56	0s37	18s32	0s23	20s52	1n45	20s26	0s31	19s 0	0n20	17n58	5s24	10s46	11s15	17n49	2s47	5n 2

Julian Day Number = 2511110.5, Delta T = 131.09 sec
Ecliptic obliquity = 23°24'57, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°01'09, Lahiri = 26°08'10

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2163
geocentric

MARCH 2163 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 34 34	10♓11'02	19♉ 0	23♓12	8♒ 0	17♉49	8♒37	15♐23	1♒ 2	3♒42	3°R41	27°R57	29♎21	2♊ 9	11♓ 2	T 1
W 2	10 38 30	11°11'21	2♒55	24°59	9°13	18°32	8°50	15°26	1° 5	3°44	3♋41	27♎50	29°18	2°16	11° 5	W 2
T 3	10 42 27	12°11'39	16°40	26°43	10°27	19°15	9° 3	15°28	1° 8	3°46	3°40	27°42	29°15	2°22	11° 9	T 3
F 4	10 46 23	13°11'55	0♓13	28°25	11°40	19°58	9°16	15°30	1°11	3°48	3°40	27°34	29°12	2°29	11°13	F 4
S 5	10 50 20	14°12'09	13°30	0♈ 4	12°54	20°41	9°28	15°32	1°14	3°50	3°40	27°27	29° 8	2°36	11°17	S 5
S 6	10 54 16	15°12'21	26°31	1°40	14° 7	21°25	9°41	15°34	1°17	3°52	3°39	27°21	29° 5	2°42	11°21	S 6
M 7	10 58 13	16°12'32	9♈14	3°11	15°21	22° 8	9°54	15°36	1°19	3°54	3°39	27°18	29° 2	2°49	11°25	M 7
T 8	11 2 9	17°12'40	21°41	4°37	16°34	22°51	10° 7	15°38	1°22	3°55	3°39	27°D16	28°59	2°56	11°29	T 8
W 9	11 6 6	18°12'47	3♉52	5°58	17°48	23°34	10°19	15°40	1°25	3°57	3°39	27°16	28°56	3° 2	11°33	W 9
T 10	11 10 3	19°12'52	15°52	7°13	19° 1	24°18	10°32	15°41	1°28	3°59	3°38	27°17	28°53	3° 9	11°37	T 10
F 11	11 13 59	20°12'54	27°44	8°21	20°15	25° 1	10°44	15°43	1°30	4° 1	3°38	27°19	28°49	3°16	11°41	F 11
S 12	11 17 56	21°12'55	9♊34	9°23	21°29	25°44	10°57	15°44	1°33	4° 2	3°38	27°20	28°46	3°22	11°45	S 12
S 13	11 21 52	22°12'53	21°25	10°17	22°42	26°28	11° 9	15°46	1°35	4° 4	3°38	27°R21	28°43	3°29	11°49	S 13
M14	11 25 49	23°12'49	3♋23	11° 3	23°56	27°11	11°21	15°47	1°38	4° 6	3°38	27°21	28°40	3°36	11°53	M14
T 15	11 29 45	24°12'43	15°34	11°42	25° 9	27°55	11°34	15°48	1°40	4° 7	3°38	27°18	28°37	3°42	11°57	T 15
W16	11 33 42	25°12'35	28° 0	12°11	26°23	28°38	11°46	15°49	1°43	4° 9	3°38	27°15	28°33	3°49	12° 1	W16
T 17	11 37 38	26°12'25	10♌47	12°33	27°37	29°22	11°58	15°50	1°45	4°11	3°38	27°11	28°30	3°56	12° 5	T 17
F 18	11 41 35	27°12'12	23°55	12°45	28°50	0♒ 5	12°10	15°51	1°48	4°12	3°D38	27° 6	28°27	4° 2	12° 9	F 18
S 19	11 45 32	28°11'57	7♍26	12°R49	0♓ 4	0°49	12°22	15°51	1°50	4°14	3°38	27° 1	28°24	4° 9	12°12	S 19
S 20	11 49 28	29°11'41	21°17	12°45	1°18	1°32	12°33	15°52	1°52	4°15	3°38	26°57	28°21	4°16	12°16	S 20
M21	11 53 25	0♈11'22	5♎26	12°33	2°31	2°16	12°45	15°52	1°54	4°17	3°38	26°54	28°18	4°22	12°20	M21
T 22	11 57 21	1°11'01	19°48	12°13	3°45	2°59	12°57	15°53	1°57	4°18	3°38	26°53	28°14	4°29	12°24	T 22
W23	12 1 18	2°10'38	4♏18	11°45	4°59	3°43	13° 8	15°53	1°59	4°20	3°38	26°D53	28°11	4°36	12°28	W23
T 24	12 5 14	3°10'14	18°49	11°11	6°12	4°26	13°20	15°53	2° 1	4°21	3°38	26°54	28° 8	4°42	12°32	T 24
F 25	12 9 11	4° 9'47	3♐17	10°32	7°26	5°10	13°31	15°53	2° 3	4°22	3°38	26°55	28° 5	4°49	12°35	F 25
S 26	12 13 7	5° 9'19	17°39	9°48	8°40	5°54	13°43	15°R53	2° 5	4°24	3°38	26°57	28° 2	4°56	12°39	S 26
S 27	12 17 4	6° 8'50	1♑51	9° 0	9°53	6°37	13°54	15°53	2° 7	4°25	3°39	26°R57	27°59	5° 2	12°43	S 27
M28	12 21 0	7° 8'18	15°51	8° 9	11° 7	7°21	14° 5	15°53	2° 9	4°26	3°39	26°57	27°55	5° 9	12°47	M28
T 29	12 24 57	8° 7'45	29°38	7°17	12°21	8° 5	14°16	15°53	2°11	4°28	3°39	26°56	27°52	5°16	12°50	T 29
W30	12 28 54	9° 7'10	13♒12	6°25	13°35	8°49	14°27	15°52	2°13	4°29	3°39	26°54	27°49	5°22	12°54	W30
T 31	12 32 50	10♈ 6'34	26♒33	5♈33	14♓48	9♒32	14♒38	15♐52	2♒15	4♒30	3♋40	26♎52	27♎46	5♊29	12♓58	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s45	17s 3	5n 4	3s 6	0s26	18s21	0s 6	22s51	0s38	18s28	0s24	20s52	1n45	20s25	0s31	18s59	0n20	17n59	5s23	10s44	11s14	17n50	2s46	5n 2
W 2	7 22	14 31	5 7	2 13	0 15	18 5	0 9	22 46	0 39	18 25	0 24	20 52	1 46	20 24	0 31	18 59	0 20	17 59	5 23	10 42	11 13	17 51	2 44	5 2
T 3	6 59	11 11	4 51	1 21	0 3	17 48	0 12	22 41	0 40	18 22	0 24	20 52	1 46	20 24	0 31	18 58	0 20	17 59	5 23	10 39	11 12	17 51	2 43	5 2
F 4	6 36	7 20	4 20	0 29	0n 9	17 31	0 15	22 36	0 40	18 18	0 24	20 53	1 46	20 23	0 31	18 58	0 20	17 59	5 23	10 36	11 11	17 52	2 42	5 2
S 5	6 13	3 10	3 35	0n22	0 22	17 13	0 18	22 30	0 41	18 15	0 24	20 53	1 46	20 23	0 31	18 58	0 20	17 59	5 23	10 33	11 9	17 52	2 40	5 2
S 6	5 49	1n 3	2 39	1 12	0 35	16 55	0 21	22 25	0 42	18 12	0 24	20 53	1 46	20 22	0 31	18 57	0 20	17 59	5 23	10 31	11 8	17 53	2 39	5 2
M 7	5 26	5 8	1 36	2 0	0 49	16 36	0 24	22 18	0 43	18 8	0 24	20 53	1 46	20 21	0 31	18 57	0 20	18 0	5 22	10 30	11 7	17 53	2 37	5 2
T 8	5 3	8 55	0 30	2 47	1 2	16 17	0 27	22 12	0 44	18 5	0 24	20 53	1 46	20 21	0 31	18 56	0 20	18 0	5 22	10 29	11 6	17 54	2 36	5 2
W 9	4 39	12 14	0s36	3 32	1 16	15 57	0 29	22 6	0 45	18 2	0 25	20 53	1 46	20 20	0 32	18 56	0 20	18 0	5 22	10 29	11 5	17 54	2 34	5 2
T 10	4 16	14 59	1 40	4 14	1 30	15 37	0 32	21 59	0 46	17 59	0 25	20 53	1 47	20 20	0 32	18 55	0 20	18 0	5 22	10 30	11 4	17 55	2 33	5 2
F 11	3 52	17 4	2 39	4 54	1 44	15 16	0 35	21 52	0 47	17 55	0 25	20 53	1 47	20 19	0 32	18 55	0 20	18 0	5 22	10 30	11 3	17 56	2 31	5 2
S 12	3 29	18 24	3 30	5 31	1 57	14 55	0 38	21 45	0 48	17 52	0 25	20 53	1 47	20 19	0 32	18 55	0 20	18 0	5 22	10 31	11 2	17 56	2 30	5 2
S 13	3 5	18 55	4 13	6 4	2 10	14 34	0 40	21 38	0 48	17 49	0 25	20 53	1 47	20 18	0 32	18 54	0 20	18 1	5 21	10 31	11 0	17 57	2 28	5 2
M14	2 42	18 37	4 46	6 34	2 23	14 12	0 43	21 31	0 49	17 46	0 25	20 53	1 47	20 17	0 32	18 54	0 20	18 1	5 21	10 31	10 59	17 57	2 27	5 2
T 15	2 18	17 26	5 6	7 0	2 35	13 50	0 45	21 23	0 50	17 42	0 25	20 53	1 47	20 17	0 32	18 53	0 20	18 1	5 21	10 30	10 58	17 58	2 25	5 2
W16	1 54	15 26	5 13	7 22	2 46	13 27	0 48	21 15	0 51	17 39	0 26	20 53	1 47	20 16	0 32	18 53	0 20	18 1	5 21	10 29	10 57	17 58	2 24	5 2
T 17	1 30	12 38	5 4	7 40	2 56	13 4	0 50	21 7	0 52	17 36	0 26	20 53	1 47	20 16	0 32	18 53	0 20	18 1	5 21	10 27	10 56	17 59	2 22	5 2
F 18	1 7	9 8	4 39	7 53	3 6	12 41	0 52	20 59	0 53	17 33	0 26	20 53	1 48	20 15	0 32	18 52	0 20	18 2	5 21	10 26	10 55	17 59	2 21	5 2
S 19	0 43	5 5	3 59	8 2	3 14	12 17	0 55	20 50	0 54	17 30	0 26	20 53	1 48	20 15	0 32	18 52	0 20	18 2	5 20	10 24	10 54	18 0	2 19	5 2
S 20	0 19	0 39	3 3	8 6	3 20	11 53	0 57	20 41	0 55	17 26	0 26	20 53	1 48	20 14	0 32	18 52	0 20	18 2	5 20	10 23	10 53	18 0	2 18	5 2
M21	0n 5	3s55	1 55	8 6	3 25	11 29	0 59	20 33	0 56	17 23	0 26	20 53	1 48	20 14	0 32	18 51	0 20	18 2	5 20	10 22	10 51	18 1	2 17	5 2
T 22	0 28	8 20	0 39	8 1	3 29	11 4	1 1	20 24	0 57	17 20	0 26	20 53	1 48	20 14	0 32	18 51	0 20	18 2	5 20	10 21	10 50	18 1	2 15	5 2
W23	0 52	12 18	0n41	7 52	3 30	10 39	1 3	20 14	0 58	17 17	0 27	20 53	1 48	20 13	0 32	18 51	0 20	18 2	5 20	10 21	10 49	18 2	2 14	5 2
T 24	1 16	15 31	1 58	7 39	3 30	10 14	1 5	20 5	0 59	17 14	0 27	20 52	1 48	20 13	0 32	18 50	0 20	18 3	5 20	10 21	10 48	18 2	2 12	5 2
F 25	1 39	17 44	3 7	7 21	3 28	9 48	1 7	19 55	1 0	17 11	0 27	20 52	1 48	20 12	0 32	18 50	0 20	18 3	5 19	10 22	10 47	18 3	2 11	5 2
S 26	2 3	18 47	4 4	7 0	3 24	9 23	1 9	19 45	1 0	17 8	0 27	20 52	1 48	20 12	0 32	18 50	0 20	18 3	5 19	10 22	10 46	18 3	2 9	5 2
S 27	2 26	18 38	4 46	6 36	3 19	8 57	1 11	19 35	1 1	17 4	0 27	20 52	1 49	20 11	0 32	18 49	0 20	18 3	5 19	10 23	10 45	18 4	2 8	5 2
M28	2 50	17 21	5 10	6 10	3 11	8 30	1 12	19 25	1 2	17 1	0 27	20 52	1 49	20 11	0 32	18 49	0 20	18 3	5 19	10 23	10 43	18 4	2 6	5 2
T 29	3 13	15 4	5 15	5 41	3 2	8 4	1 14	19 15	1 3	16 58	0 28	20 52	1 49	20 10	0 32	18 49	0 20	18 3	5 19	10 22	10 42	18 5	2 5	5 2
W30	3 37	11 59	5 3	5 10	2 51	7 37	1 15	19 4	1 4	16 55	0 28	20 52	1 49	20 10	0 32	18 48	0 20	18 4	5 18	10 22	10 41	18 5	2 3	5 2
T 31	4n 0	8s21	4n34	4n39	2n39	7s10	1s17	18s54	1s 5	16s52	0s28	20s52	1n49	20s10	0s32	18s48	0n19	18n 4	5s18	10s21	10s40	18n 6	2s 2	5n 2

Julian Day Number = 2511138.5, Delta T = 131.15 sec
Ecliptic obliquity = 23°24'57, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°01'13, Lahiri = 26°08'13

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2163
geocentric

APRIL 2163 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 36 47	11♈ 5'55	9♓40	4°R43	16♓ 2	10♒16	14♒49	15°R51	2♒17	4♒31	3♋40	26°R49	27♎43	5♊36	13♓ 1	F 1
S 2	12 40 43	12° 5'14	22°33	3♈55	17°16	11° 0	14°59	15♐51	2°18	4°32	3°40	26♎47	27°39	5°42	13° 5	S 2
S 3	12 44 40	13° 4'32	5♈13	3°11	18°29	11°44	15°10	15°50	2°20	4°33	3°41	26°46	27°36	5°49	13° 8	S 3
M 4	12 48 36	14° 3'47	17°40	2°30	19°43	12°27	15°20	15°49	2°22	4°34	3°41	26°45	27°33	5°56	13°12	M 4
T 5	12 52 33	15° 3'01	29°55	1°54	20°57	13°11	15°30	15°48	2°23	4°36	3°41	26°D45	27°30	6° 2	13°15	T 5
W 6	12 56 29	16° 2'12	11♉59	1°23	22°11	13°55	15°41	15°47	2°25	4°37	3°42	26°45	27°27	6° 9	13°19	W 6
T 7	13 0 26	17° 1'22	23°56	0°58	23°24	14°39	15°51	15°46	2°26	4°38	3°42	26°46	27°24	6°16	13°22	T 7
F 8	13 4 23	18° 0'29	5♊47	0°37	24°38	15°23	16° 1	15°44	2°28	4°39	3°43	26°47	27°20	6°22	13°26	F 8
S 9	13 8 19	18°59'34	17°36	0°23	25°52	16° 6	16°11	15°43	2°29	4°39	3°43	26°48	27°17	6°29	13°29	S 9
S 10	13 12 16	19°58'36	29°27	0°13	27° 5	16°50	16°21	15°42	2°31	4°40	3°44	26°49	27°14	6°36	13°33	S 10
M11	13 16 12	20°57'37	11♋25	0°D10	28°19	17°34	16°30	15°40	2°32	4°41	3°44	26°49	27°11	6°42	13°36	M11
T 12	13 20 9	21°56'35	23°34	0°11	29°33	18°18	16°40	15°38	2°33	4°42	3°45	26°R49	27° 8	6°49	13°39	T 12
W13	13 24 5	22°55'31	5♌58	0°18	0♈46	19° 2	16°49	15°37	2°35	4°43	3°45	26°49	27° 4	6°56	13°43	W13
T 14	13 28 2	23°54'24	18°42	0°30	2° 0	19°46	16°59	15°35	2°36	4°44	3°46	26°49	27° 1	7° 2	13°46	T 14
F 15	13 31 58	24°53'15	1♍49	0°47	3°14	20°30	17° 8	15°33	2°37	4°44	3°47	26°48	26°58	7° 9	13°49	F 15
S 16	13 35 55	25°52'04	15°21	1° 9	4°28	21°13	17°17	15°31	2°38	4°45	3°47	26°48	26°55	7°16	13°52	S 16
S 17	13 39 52	26°50'51	29°19	1°35	5°41	21°57	17°26	15°29	2°39	4°46	3°48	26°D48	26°52	7°23	13°55	S 17
M18	13 43 48	27°49'35	13♎40	2° 6	6°55	22°41	17°35	15°26	2°40	4°46	3°49	26°48	26°49	7°29	13°58	M18
T 19	13 47 45	28°48'18	28°20	2°41	8° 9	23°25	17°43	15°24	2°41	4°47	3°49	26°R48	26°45	7°36	14° 1	T 19
W20	13 51 41	29°46'59	13♏13	3°19	9°22	24° 9	17°52	15°22	2°42	4°48	3°50	26°48	26°42	7°43	14° 5	W20
T 21	13 55 38	0♉45'37	28°10	4° 2	10°36	24°53	18° 0	15°19	2°43	4°48	3°51	26°48	26°39	7°49	14° 8	T 21
F 22	13 59 34	1°44'14	13♐ 4	4°48	11°50	25°37	18° 9	15°17	2°44	4°49	3°51	26°48	26°36	7°56	14°11	F 22
S 23	14 3 31	2°42'50	27°47	5°37	13° 3	26°21	18°17	15°14	2°44	4°49	3°52	26°47	26°33	8° 3	14°13	S 23
S 24	14 7 27	3°41'24	12♑14	6°30	14°17	27° 5	18°25	15°12	2°45	4°50	3°53	26°46	26°30	8° 9	14°16	S 24
M25	14 11 24	4°39'56	26°22	7°26	15°31	27°49	18°33	15° 9	2°46	4°50	3°54	26°46	26°26	8°16	14°19	M25
T 26	14 15 21	5°38'26	10♒ 8	8°25	16°44	28°32	18°40	15° 6	2°46	4°50	3°55	26°D46	26°23	8°23	14°22	T 26
W27	14 19 17	6°36'55	23°33	9°27	17°58	29°16	18°48	15° 3	2°47	4°51	3°55	26°46	26°20	8°29	14°25	W27
T 28	14 23 14	7°35'22	6♓39	10°31	19°12	0♓ 0	18°56	15° 0	2°47	4°51	3°56	26°47	26°17	8°36	14°28	T 28
F 29	14 27 10	8°33'48	19°28	11°38	20°25	0°44	19° 3	14°57	2°48	4°51	3°57	26°48	26°14	8°43	14°30	F 29
S 30	14 31 7	9♉32'12	2♈ 2	12♈48	21♈39	1♓28	19♒10	14♐54	2♒48	4♒52	3♋58	26♎49	26♎10	8♊49	14♓33	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	4n23	4s21	3n52	4n 7	2n26	6s43	1s18	18s43	1s 6	16s49	0s28	20s51	1n49	20s 9	0s32	18s48	0n19	18n 4	5s18	10s20	10s39	18n 6	2s 0	5n 2
S 2	4 46	0 13	2 58	3 35	2 12	6 15	1 20	18 32	1 7	16 46	0 28	20 51	1 49	20 9	0 32	18 48	0 19	18 4	5 18	10 19	10 38	18 6	1 59	5 2
S 3	5 9	3n51	1 56	3 3	1 57	5 48	1 21	18 21	1 8	16 43	0 28	20 51	1 49	20 9	0 32	18 47	0 19	18 4	5 18	10 19	10 37	18 7	1 58	5 2
M 4	5 32	7 42	0 50	2 33	1 42	5 20	1 22	18 9	1 9	16 41	0 29	20 51	1 50	20 8	0 32	18 47	0 19	18 4	5 18	10 18	10 36	18 7	1 56	5 3
T 5	5 55	11 9	0s18	2 4	1 26	4 52	1 24	17 58	1 10	16 38	0 29	20 51	1 50	20 8	0 32	18 47	0 19	18 5	5 17	10 18	10 34	18 8	1 55	5 3
W 6	6 18	14 5	1 24	1 37	1 10	4 24	1 25	17 46	1 11	16 35	0 29	20 50	1 50	20 8	0 32	18 47	0 19	18 5	5 17	10 18	10 33	18 8	1 53	5 3
T 7	6 41	16 23	2 25	1 12	0 54	3 56	1 26	17 34	1 12	16 32	0 29	20 50	1 50	20 7	0 32	18 46	0 19	18 5	5 17	10 19	10 32	18 9	1 52	5 3
F 8	7 3	17 58	3 20	0 49	0 38	3 28	1 27	17 22	1 13	16 29	0 29	20 50	1 50	20 7	0 32	18 46	0 19	18 5	5 17	10 19	10 31	18 9	1 51	5 3
S 9	7 26	18 45	4 6	0 29	0 22	2 59	1 28	17 10	1 14	16 26	0 29	20 50	1 50	20 7	0 32	18 46	0 19	18 5	5 17	10 19	10 30	18 10	1 49	5 3
S 10	7 48	18 43	4 42	0 11	0 7	2 31	1 29	16 58	1 15	16 24	0 30	20 49	1 50	20 6	0 32	18 46	0 19	18 5	5 17	10 20	10 29	18 10	1 48	5 3
M11	8 10	17 50	5 6	0s 4	0s 8	2 2	1 29	16 45	1 16	16 21	0 30	20 49	1 50	20 6	0 32	18 45	0 19	18 5	5 16	10 20	10 28	18 10	1 46	5 3
T 12	8 32	16 9	5 17	0 16	0 23	1 33	1 30	16 33	1 17	16 18	0 30	20 49	1 50	20 6	0 33	18 45	0 19	18 6	5 16	10 20	10 26	18 11	1 45	5 3
W13	8 54	13 42	5 14	0 26	0 37	1 5	1 31	16 20	1 18	16 15	0 30	20 49	1 50	20 6	0 33	18 45	0 19	18 6	5 16	10 20	10 25	18 11	1 44	5 4
T 14	9 16	10 32	4 55	0 34	0 50	0 36	1 31	16 7	1 19	16 13	0 30	20 48	1 51	20 5	0 33	18 45	0 19	18 6	5 16	10 20	10 24	18 12	1 42	5 4
F 15	9 38	6 46	4 20	0 39	1 3	0 7	1 32	15 54	1 20	16 10	0 30	20 48	1 51	20 5	0 33	18 45	0 19	18 6	5 16	10 19	10 23	18 12	1 41	5 4
S 16	9 59	2 32	3 31	0 41	1 15	0n22	1 32	15 41	1 21	16 8	0 31	20 48	1 51	20 5	0 33	18 45	0 19	18 6	5 16	10 19	10 22	18 13	1 40	5 4
S 17	10 20	1s59	2 27	0 41	1 26	0 50	1 32	15 28	1 22	16 5	0 31	20 47	1 51	20 5	0 33	18 44	0 19	18 6	5 15	10 19	10 21	18 13	1 38	5 4
M18	10 41	6 30	1 12	0 39	1 36	1 19	1 33	15 14	1 22	16 3	0 31	20 47	1 51	20 5	0 33	18 44	0 19	18 7	5 15	10 19	10 20	18 13	1 37	5 4
T 19	11 2	10 44	0n 8	0 34	1 46	1 48	1 33	15 1	1 23	16 0	0 31	20 47	1 51	20 4	0 33	18 44	0 19	18 7	5 15	10 19	10 18	18 14	1 36	5 4
W20	11 23	14 22	1 30	0 27	1 56	2 17	1 33	14 47	1 24	15 58	0 31	20 46	1 51	20 4	0 33	18 44	0 19	18 7	5 15	10 19	10 17	18 14	1 34	5 5
T 21	11 44	17 2	2 46	0 18	2 4	2 46	1 33	14 33	1 25	15 55	0 32	20 46	1 51	20 4	0 33	18 44	0 19	18 7	5 15	10 19	10 16	18 15	1 33	5 5
F 22	12 4	18 33	3 50	0 7	2 12	3 15	1 33	14 19	1 26	15 53	0 32	20 46	1 51	20 4	0 33	18 44	0 19	18 7	5 15	10 19	10 15	18 15	1 32	5 5
S 23	12 24	18 46	4 38	0n 6	2 19	3 43	1 33	14 5	1 27	15 50	0 32	20 45	1 51	20 4	0 33	18 44	0 19	18 7	5 14	10 19	10 14	18 15	1 30	5 5
S 24	12 44	17 45	5 7	0 21	2 26	4 12	1 33	13 51	1 28	15 48	0 32	20 45	1 51	20 4	0 33	18 43	0 19	18 7	5 14	10 19	10 13	18 16	1 29	5 5
M25	13 4	15 40	5 17	0 38	2 31	4 40	1 33	13 37	1 29	15 46	0 32	20 45	1 52	20 3	0 33	18 43	0 19	18 7	5 14	10 19	10 12	18 16	1 28	5 5
T 26	13 23	12 43	5 9	0 56	2 36	5 9	1 32	13 23	1 30	15 44	0 32	20 44	1 52	20 3	0 33	18 43	0 19	18 8	5 14	10 19	10 10	18 17	1 27	5 5
W27	13 43	9 11	4 44	1 16	2 41	5 37	1 32	13 8	1 31	15 42	0 33	20 44	1 52	20 3	0 33	18 43	0 19	18 8	5 14	10 19	10 9	18 17	1 26	5 6
T 28	14 2	5 17	4 4	1 38	2 45	6 6	1 32	12 54	1 32	15 39	0 33	20 43	1 52	20 3	0 33	18 43	0 19	18 8	5 14	10 19	10 8	18 17	1 24	5 6
F 29	14 21	1 13	3 13	2 1	2 48	6 34	1 31	12 39	1 33	15 37	0 33	20 43	1 52	20 3	0 33	18 43	0 19	18 8	5 14	10 19	10 7	18 18	1 23	5 6
S 30	14n39	2n51	2n13	2n26	2s51	7n 2	1s31	12s24	1s34	15s35	0s33	20s43	1n52	20s 3	0s33	18s43	0n19	18n 8	5s13	10s20	10s 6	18n18	1s22	5n 6

Julian Day Number = 2511169.5, Delta T = 131.22 sec
Ecliptic obliquity = 23°24'57, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°01'17, Lahiri = 26°08'18

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2163
geocentric

MAY 2163 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 35 3	10♉30'34	14♈23	14♈ 0	22♈53	2♓12	19♒17	14°R51	2♒49	4♒52	3♋59	26♎50	26♎ 7	8♊56	14♓35	S 1
M 2	14 39 0	11°28'54	26°34	15°14	24° 6	2°56	19°24	14♐47	2°49	4°52	4° 0	26°R50	26° 4	9° 3	14°38	M 2
T 3	14 42 56	12°27'13	8♉37	16°31	25°20	3°40	19°31	14°44	2°49	4°52	4° 1	26°50	26° 1	9° 9	14°41	T 3
W 4	14 46 53	13°25'30	20°33	17°50	26°34	4°24	19°37	14°41	2°49	4°52	4° 2	26°49	25°58	9°16	14°43	W 4
T 5	14 50 49	14°23'46	2♊26	19°11	27°47	5° 7	19°44	14°37	2°49	4°52	4° 3	26°47	25°55	9°23	14°45	T 5
F 6	14 54 46	15°21'59	14°15	20°35	29° 1	5°51	19°50	14°34	2°50	4°52	4° 4	26°44	25°51	9°29	14°48	F 6
S 7	14 58 43	16°20'11	26° 5	22° 0	0♉15	6°35	19°56	14°30	2°R50	4°R53	4° 5	26°41	25°48	9°36	14°50	S 7
S 8	15 2 39	17°18'21	7♋58	23°28	1°28	7°19	20° 2	14°26	2°50	4°52	4° 6	26°38	25°45	9°43	14°52	S 8
M 9	15 6 36	18°16'29	19°56	24°57	2°42	8° 3	20° 8	14°23	2°49	4°52	4° 7	26°35	25°42	9°49	14°55	M 9
T 10	15 10 32	19°14'35	2♌ 5	26°29	3°55	8°46	20°14	14°19	2°49	4°52	4° 8	26°33	25°39	9°56	14°57	T 10
W11	15 14 29	20°12'39	14°26	28° 3	5° 9	9°30	20°19	14°15	2°49	4°52	4° 9	26°D32	25°36	10° 3	14°59	W11
T 12	15 18 25	21°10'41	27° 6	29°38	6°23	10°14	20°25	14°11	2°49	4°52	4°10	26°32	25°32	10°10	15° 1	T 12
F 13	15 22 22	22° 8'42	10♍ 7	1♉16	7°36	10°58	20°30	14° 7	2°49	4°52	4°11	26°33	25°29	10°16	15° 3	F 13
S 14	15 26 18	23° 6'40	23°33	2°56	8°50	11°41	20°35	14° 3	2°48	4°52	4°13	26°34	25°26	10°23	15° 5	S 14
S 15	15 30 15	24° 4'37	7♎26	4°37	10° 3	12°25	20°40	13°59	2°48	4°52	4°14	26°36	25°23	10°30	15° 7	S 15
M16	15 34 12	25° 2'31	21°45	6°21	11°17	13° 9	20°44	13°55	2°48	4°51	4°15	26°R36	25°20	10°36	15° 9	M16
T 17	15 38 8	26° 0'24	6♏29	8° 6	12°31	13°52	20°49	13°51	2°47	4°51	4°16	26°36	25°16	10°43	15°11	T 17
W18	15 42 5	26°58'16	21°32	9°54	13°44	14°36	20°53	13°47	2°47	4°51	4°17	26°35	25°13	10°50	15°13	W18
T 19	15 46 1	27°56'06	6♐44	11°44	14°58	15°19	20°57	13°43	2°46	4°50	4°18	26°32	25°10	10°56	15°14	T 19
F 20	15 49 58	28°53'55	21°57	13°35	16°11	16° 3	21° 1	13°39	2°46	4°50	4°20	26°27	25° 7	11° 3	15°16	F 20
S 21	15 53 54	29°51'42	7♑ 0	15°29	17°25	16°46	21° 5	13°34	2°45	4°49	4°21	26°23	25° 4	11°10	15°18	S 21
S 22	15 57 51	0♊49'28	21°45	17°25	18°39	17°30	21° 9	13°30	2°44	4°49	4°22	26°18	25° 1	11°16	15°19	S 22
M23	16 1 48	1°47'13	6♒ 5	19°22	19°52	18°13	21°12	13°26	2°44	4°48	4°23	26°15	24°57	11°23	15°21	M23
T 24	16 5 44	2°44'57	19°59	21°22	21° 6	18°57	21°15	13°21	2°43	4°48	4°25	26°13	24°54	11°30	15°22	T 24
W25	16 9 41	3°42'40	3♓25	23°23	22°19	19°40	21°18	13°17	2°42	4°47	4°26	26°D12	24°51	11°36	15°24	W25
T 26	16 13 37	4°40'22	16°27	25°26	23°33	20°24	21°21	13°13	2°41	4°47	4°27	26°12	24°48	11°43	15°25	T 26
F 27	16 17 34	5°38'03	29° 8	27°31	24°47	21° 7	21°24	13° 8	2°40	4°46	4°28	26°14	24°45	11°50	15°26	F 27
S 28	16 21 30	6°35'42	11♈31	29°37	26° 0	21°50	21°27	13° 4	2°39	4°46	4°30	26°15	24°41	11°56	15°28	S 28
S 29	16 25 27	7°33'21	23°40	1♊45	27°14	22°33	21°29	13° 0	2°38	4°45	4°31	26°R16	24°38	12° 3	15°29	S 29
M30	16 29 23	8°30'59	5♉41	3°54	28°27	23°17	21°31	12°55	2°37	4°44	4°32	26°16	24°35	12°10	15°30	M30
T 31	16 33 20	9♊28'35	17♉35	6♊ 4	29♉41	24♓ 0	21♒33	12♐51	2♒36	4♒44	4♋34	26♎13	24♎32	12♊17	15♓31	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14n58	6n43	1n 8	2n52	2s52	7n30	1s30	12s 9	1s35	15s33	0s33	20s42	1n52	20s 3	0s33	18s43	0n19	18n 8	5s13	10s20	10s 5	18n18	1s21	5n 6
M 2	15 16	10 16	0 1	3 19	2 54	7 57	1 29	11 55	1 36	15 31	0 34	20 42	1 52	20 3	0 33	18 43	0 19	18 8	5 13	10 20	10 3	18 19	1 20	5 7
T 3	15 34	13 20	1s 5	3 48	2 54	8 25	1 29	11 39	1 37	15 29	0 34	20 41	1 52	20 3	0 33	18 43	0 19	18 8	5 13	10 20	10 2	18 19	1 19	5 7
W 4	15 51	15 49	2 7	4 18	2 55	8 52	1 28	11 24	1 38	15 27	0 34	20 41	1 52	20 3	0 33	18 43	0 19	18 9	5 13	10 20	10 1	18 19	1 17	5 7
T 5	16 9	17 37	3 4	4 49	2 54	9 19	1 27	11 9	1 39	15 26	0 34	20 40	1 52	20 3	0 33	18 43	0 19	18 9	5 13	10 19	10 0	18 20	1 16	5 7
F 6	16 26	18 38	3 53	5 21	2 53	9 46	1 26	10 54	1 40	15 24	0 35	20 40	1 52	20 3	0 33	18 43	0 19	18 9	5 13	10 18	9 59	18 20	1 15	5 7
S 7	16 42	18 50	4 31	5 55	2 51	10 13	1 25	10 39	1 41	15 22	0 35	20 40	1 52	20 3	0 33	18 43	0 19	18 9	5 12	10 17	9 58	18 20	1 14	5 8
S 8	16 59	18 13	4 58	6 29	2 49	10 39	1 24	10 23	1 41	15 20	0 35	20 39	1 52	20 3	0 33	18 43	0 19	18 9	5 12	10 16	9 57	18 21	1 13	5 8
M 9	17 15	16 47	5 13	7 4	2 47	11 6	1 23	10 8	1 42	15 19	0 35	20 39	1 52	20 3	0 33	18 43	0 19	18 9	5 12	10 15	9 55	18 21	1 12	5 8
T 10	17 31	14 35	5 13	7 40	2 43	11 32	1 22	9 52	1 43	15 17	0 35	20 38	1 52	20 3	0 33	18 43	0 19	18 9	5 12	10 14	9 54	18 21	1 11	5 8
W11	17 47	11 42	5 0	8 17	2 39	11 57	1 21	9 36	1 44	15 16	0 36	20 38	1 52	20 3	0 34	18 43	0 19	18 9	5 12	10 13	9 53	18 22	1 10	5 8
T 12	18 2	8 13	4 31	8 55	2 35	12 23	1 19	9 21	1 45	15 14	0 36	20 37	1 52	20 3	0 34	18 43	0 19	18 9	5 12	10 13	9 52	18 22	1 9	5 9
F 13	18 17	4 14	3 48	9 33	2 30	12 48	1 18	9 5	1 46	15 13	0 36	20 37	1 52	20 3	0 34	18 43	0 19	18 10	5 12	10 14	9 51	18 22	1 8	5 9
S 14	18 32	0s 4	2 52	10 13	2 25	13 13	1 17	8 49	1 47	15 11	0 36	20 36	1 52	20 3	0 34	18 43	0 19	18 10	5 11	10 14	9 50	18 23	1 7	5 9
S 15	18 46	4 32	1 43	10 52	2 19	13 38	1 15	8 33	1 48	15 10	0 36	20 36	1 52	20 4	0 34	18 43	0 19	18 10	5 11	10 15	9 48	18 23	1 6	5 9
M16	19 0	8 53	0 27	11 33	2 12	14 2	1 14	8 18	1 49	15 9	0 37	20 35	1 52	20 4	0 34	18 43	0 19	18 10	5 11	10 15	9 47	18 23	1 5	5 9
T 17	19 14	12 49	0n54	12 13	2 5	14 26	1 12	8 2	1 50	15 8	0 37	20 35	1 52	20 4	0 34	18 43	0 19	18 10	5 11	10 15	9 46	18 24	1 4	5 10
W18	19 28	16 0	2 12	12 54	1 58	14 49	1 11	7 46	1 51	15 6	0 37	20 34	1 52	20 4	0 34	18 43	0 19	18 10	5 11	10 14	9 45	18 24	1 3	5 10
T 19	19 41	18 5	3 22	13 36	1 50	15 13	1 9	7 30	1 51	15 5	0 37	20 34	1 52	20 4	0 34	18 43	0 19	18 10	5 11	10 13	9 44	18 24	1 2	5 10
F 20	19 54	18 53	4 18	14 17	1 42	15 35	1 7	7 13	1 52	15 4	0 38	20 33	1 52	20 4	0 34	18 43	0 19	18 10	5 11	10 12	9 43	18 25	1 2	5 10
S 21	20 6	18 20	4 55	14 59	1 33	15 58	1 6	6 57	1 53	15 3	0 38	20 33	1 52	20 5	0 34	18 43	0 19	18 10	5 11	10 10	9 41	18 25	1 1	5 11
S 22	20 18	16 32	5 11	15 40	1 24	16 20	1 4	6 41	1 54	15 2	0 38	20 32	1 52	20 5	0 34	18 44	0 19	18 10	5 10	10 9	9 40	18 25	1 0	5 11
M23	20 30	13 46	5 7	16 21	1 15	16 41	1 2	6 25	1 55	15 1	0 38	20 32	1 52	20 5	0 34	18 44	0 19	18 10	5 10	10 7	9 39	18 26	0 59	5 11
T 24	20 41	10 17	4 46	17 2	1 5	17 3	1 0	6 9	1 56	15 1	0 39	20 31	1 52	20 5	0 34	18 44	0 19	18 10	5 10	10 6	9 38	18 26	0 58	5 11
W25	20 52	6 22	4 9	17 43	0 55	17 24	0 58	5 52	1 57	15 0	0 39	20 31	1 52	20 5	0 34	18 44	0 19	18 10	5 10	10 6	9 37	18 26	0 58	5 12
T 26	21 3	2 16	3 20	18 23	0 45	17 44	0 56	5 36	1 57	14 59	0 39	20 30	1 52	20 6	0 34	18 44	0 19	18 11	5 10	10 6	9 36	18 26	0 57	5 12
F 27	21 13	1n50	2 22	19 2	0 34	18 4	0 54	5 20	1 58	14 58	0 39	20 30	1 52	20 6	0 34	18 44	0 19	18 11	5 10	10 7	9 35	18 27	0 56	5 12
S 28	21 23	5 46	1 19	19 40	0 24	18 23	0 52	5 4	1 59	14 58	0 39	20 29	1 52	20 6	0 34	18 44	0 19	18 11	5 10	10 7	9 33	18 27	0 55	5 12
S 29	21 33	9 24	0 14	20 17	0 13	18 42	0 50	4 47	2 0	14 57	0 40	20 29	1 52	20 6	0 34	18 45	0 19	18 11	5 10	10 8	9 32	18 27	0 55	5 13
M30	21 42	12 36	0s51	20 52	0 2	19 1	0 48	4 31	2 1	14 57	0 40	20 28	1 52	20 7	0 34	18 45	0 19	18 11	5 10	10 8	9 31	18 27	0 54	5 13
T 31	21n51	15n15	1s53	21n26	0n 8	19n19	0s46	4s15	2s 2	14s56	0s40	20s28	1n52	20s 7	0s34	18s45	0n19	18n11	5s10	10s 7	9s30	18n28	0s53	5n13

Julian Day Number = 2511199.5, Delta T = 131.28 sec
Ecliptic obliquity = 23°24'57, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°01'21, Lahiri = 26°08'22

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2163
geocentric

JUNE 2163 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 37 16	10♊26'11	29♉25	8♊15	0♊55	24♓43	21♒35	12°R46	2°R35	4°R43	4♋35	26°R 9	24♎29	12♊23	15♓32	W 1
T 2	16 41 13	11°23'46	11♊15	10°27	2° 8	25°26	21°36	12♐42	2♒34	4♒42	4°36	26♎ 3	24°26	12°30	15°33	T 2
F 3	16 45 10	12°21'19	23° 5	12°39	3°22	26° 9	21°38	12°37	2°33	4°41	4°38	25°55	24°22	12°37	15°34	F 3
S 4	16 49 6	13°18'52	4♋57	14°51	4°35	26°52	21°39	12°33	2°31	4°40	4°39	25°46	24°19	12°43	15°35	S 4
S 5	16 53 3	14°16'23	16°54	17° 3	5°49	27°35	21°40	12°28	2°30	4°39	4°41	25°37	24°16	12°50	15°36	S 5
M 6	16 56 59	15°13'53	28°58	19°14	7° 3	28°18	21°41	12°24	2°29	4°39	4°42	25°29	24°13	12°57	15°37	M 6
T 7	17 0 56	16°11'22	11♌10	21°25	8°16	29° 0	21°41	12°20	2°27	4°38	4°43	25°22	24°10	13° 3	15°37	T 7
W 8	17 4 52	17° 8'50	23°33	23°35	9°30	29°43	21°42	12°15	2°26	4°37	4°45	25°17	24° 7	13°10	15°38	W 8
T 9	17 8 49	18° 6'16	6♍12	25°43	10°43	0♈26	21°42	12°11	2°24	4°36	4°46	25°14	24° 3	13°17	15°39	T 9
F 10	17 12 46	19° 3'41	19° 9	27°51	11°57	1° 8	21°R42	12° 6	2°23	4°35	4°48	25°D14	24° 0	13°23	15°39	F 10
S 11	17 16 42	20° 1'06	2♎27	29°56	13°11	1°51	21°42	12° 2	2°21	4°34	4°49	25°14	23°57	13°30	15°40	S 11
S 12	17 20 39	20°58'29	16°11	2♋ 0	14°24	2°33	21°42	11°58	2°20	4°33	4°50	25°15	23°54	13°37	15°40	S 12
M13	17 24 35	21°55'50	0♏20	4° 1	15°38	3°16	21°41	11°53	2°18	4°32	4°52	25°R15	23°51	13°44	15°40	M13
T 14	17 28 32	22°53'11	14°56	6° 1	16°51	3°58	21°41	11°49	2°16	4°31	4°53	25°14	23°47	13°50	15°41	T 14
W15	17 32 28	23°50'31	29°53	7°59	18° 5	4°40	21°40	11°45	2°15	4°29	4°55	25°10	23°44	13°57	15°41	W15
T 16	17 36 25	24°47'51	15♐ 4	9°54	19°19	5°23	21°39	11°40	2°13	4°28	4°56	25° 4	23°41	14° 4	15°41	T 16
F 17	17 40 21	25°45'09	0♑21	11°47	20°32	6° 5	21°37	11°36	2°11	4°27	4°58	24°56	23°38	14°10	15°41	F 17
S 18	17 44 18	26°42'27	15°32	13°38	21°46	6°47	21°36	11°32	2°10	4°26	4°59	24°47	23°35	14°17	15°41	S 18
S 19	17 48 15	27°39'44	0♒27	15°26	23° 0	7°29	21°34	11°28	2° 8	4°25	5° 0	24°38	23°32	14°24	15°R41	S 19
M20	17 52 11	28°37'01	14°58	17°12	24°13	8°11	21°32	11°23	2° 6	4°24	5° 2	24°31	23°28	14°30	15°41	M20
T 21	17 56 8	29°34'17	29° 0	18°56	25°27	8°53	21°30	11°19	2° 4	4°22	5° 3	24°25	23°25	14°37	15°41	T 21
W22	18 0 4	0♋31'33	12♓33	20°37	26°40	9°34	21°28	11°15	2° 2	4°21	5° 5	24°21	23°22	14°44	15°41	W22
T 23	18 4 1	1°28'49	25°37	22°15	27°54	10°16	21°26	11°11	2° 0	4°20	5° 6	24°20	23°19	14°50	15°41	T 23
F 24	18 7 57	2°26'05	8♈17	23°52	29° 8	10°57	21°23	11° 7	1°58	4°19	5° 8	24°D20	23°16	14°57	15°41	F 24
S 25	18 11 54	3°23'20	20°37	25°26	0♋21	11°39	21°21	11° 3	1°56	4°17	5° 9	24°R20	23°13	15° 4	15°40	S 25
S 26	18 15 50	4°20'36	2♉43	26°57	1°35	12°20	21°18	10°59	1°54	4°16	5°11	24°20	23° 9	15°11	15°40	S 26
M27	18 19 47	5°17'51	14°38	28°26	2°49	13° 2	21°14	10°55	1°52	4°14	5°12	24°18	23° 6	15°17	15°40	M27
T 28	18 23 44	6°15'06	26°28	29°52	4° 3	13°43	21°11	10°52	1°50	4°13	5°14	24°14	23° 3	15°24	15°39	T 28
W29	18 27 40	7°12'21	8♊17	1♌16	5°16	14°24	21° 8	10°48	1°48	4°12	5°15	24° 7	23° 0	15°31	15°38	W29
T 30	18 31 37	8♋ 9'36	20♊ 7	2♌37	6♋30	15♈ 5	21♒ 4	10♐44	1♒46	4♒10	5♋16	23♎58	22♎57	15♊37	15♓38	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21n59	17n15	2s50	21n58	0n19	19n36	0s44	3s58	2s 2	14s56	0s40	20s27	1n52	20s 7	0s34	18s45	0n19	18n11	5s 9	10s 5	9s29	18n28	0s53	5n13
T 2	22 8	18 29	3 39	22 28	0 29	19 53	0 42	3 42	2 3	14 56	0 41	20 27	1 52	20 7	0 34	18 45	0 19	18 11	5 9	10 3	9 28	18 28	0 52	5 14
F 3	22 15	18 56	4 19	22 56	0 39	20 9	0 40	3 26	2 4	14 56	0 41	20 26	1 52	20 8	0 34	18 45	0 19	18 11	5 9	10 0	9 26	18 28	0 51	5 14
S 4	22 22	18 32	4 47	23 22	0 49	20 25	0 38	3 9	2 5	14 55	0 41	20 26	1 52	20 8	0 34	18 46	0 19	18 11	5 9	9 57	9 25	18 29	0 51	5 14
S 5	22 29	17 20	5 3	23 45	0 58	20 40	0 35	2 53	2 6	14 55	0 41	20 25	1 52	20 8	0 34	18 46	0 19	18 11	5 9	9 54	9 24	18 29	0 50	5 14
M 6	22 36	15 21	5 6	24 5	1 7	20 55	0 33	2 37	2 6	14 55	0 42	20 25	1 52	20 9	0 34	18 46	0 19	18 11	5 9	9 51	9 23	18 29	0 50	5 15
T 7	22 42	12 40	4 56	24 23	1 15	21 9	0 31	2 20	2 7	14 55	0 42	20 24	1 52	20 9	0 34	18 46	0 19	18 11	5 9	9 48	9 22	18 29	0 49	5 15
W 8	22 48	9 23	4 31	24 38	1 23	21 23	0 29	2 4	2 8	14 55	0 42	20 24	1 51	20 9	0 34	18 47	0 19	18 11	5 9	9 46	9 21	18 30	0 49	5 15
T 9	22 53	5 38	3 52	24 51	1 30	21 36	0 26	1 48	2 9	14 56	0 42	20 23	1 51	20 10	0 34	18 47	0 19	18 11	5 9	9 45	9 19	18 30	0 48	5 15
F 10	22 58	1 31	3 1	25 0	1 36	21 48	0 24	1 32	2 9	14 56	0 43	20 23	1 51	20 10	0 34	18 47	0 19	18 11	5 9	9 45	9 18	18 30	0 48	5 16
S 11	23 2	2s48	1 59	25 7	1 42	22 0	0 22	1 15	2 10	14 56	0 43	20 22	1 51	20 11	0 35	18 47	0 19	18 11	5 9	9 45	9 17	18 30	0 48	5 16
S 12	23 7	7 6	0 49	25 11	1 47	22 11	0 19	0 59	2 11	14 56	0 43	20 22	1 51	20 11	0 35	18 48	0 19	18 11	5 8	9 46	9 16	18 31	0 47	5 16
M13	23 10	11 9	0n27	25 12	1 51	22 22	0 17	0 43	2 12	14 57	0 43	20 21	1 51	20 11	0 35	18 48	0 19	18 11	5 8	9 46	9 15	18 31	0 47	5 16
T 14	23 13	14 39	1 43	25 11	1 55	22 32	0 15	0 27	2 12	14 57	0 44	20 21	1 51	20 12	0 35	18 48	0 19	18 11	5 8	9 45	9 14	18 31	0 46	5 17
W15	23 16	17 16	2 54	25 8	1 57	22 41	0 12	0 11	2 13	14 58	0 44	20 20	1 51	20 12	0 35	18 48	0 19	18 11	5 8	9 44	9 12	18 31	0 46	5 17
T 16	23 19	18 42	3 54	25 2	1 59	22 49	0 10	0n 5	2 14	14 58	0 44	20 20	1 51	20 13	0 35	18 49	0 19	18 11	5 8	9 42	9 11	18 31	0 46	5 17
F 17	23 21	18 48	4 37	24 54	2 0	22 57	0 7	0 21	2 14	14 59	0 44	20 20	1 51	20 13	0 35	18 49	0 19	18 11	5 8	9 39	9 10	18 32	0 45	5 17
S 18	23 22	17 32	5 0	24 43	2 1	23 5	0 5	0 37	2 15	15 0	0 45	20 19	1 50	20 13	0 35	18 49	0 19	18 12	5 8	9 35	9 9	18 32	0 45	5 18
S 19	23 24	15 6	5 3	24 31	2 1	23 11	0 3	0 53	2 16	15 0	0 45	20 19	1 50	20 14	0 35	18 49	0 19	18 12	5 8	9 32	9 8	18 32	0 45	5 18
M20	23 25	11 47	4 45	24 17	2 0	23 17	0 0	1 9	2 16	15 1	0 45	20 18	1 50	20 14	0 35	18 50	0 19	18 12	5 8	9 29	9 6	18 32	0 45	5 18
T 21	23 25	7 53	4 11	24 2	1 58	23 22	0n 2	1 25	2 17	15 2	0 45	20 18	1 50	20 15	0 35	18 50	0 19	18 12	5 8	9 27	9 5	18 32	0 45	5 18
W22	23 25	3 43	3 23	23 44	1 55	23 27	0 5	1 41	2 18	15 3	0 46	20 17	1 50	20 15	0 35	18 50	0 19	18 12	5 8	9 26	9 4	18 33	0 44	5 19
T 23	23 24	0n30	2 27	23 26	1 52	23 31	0 7	1 56	2 18	15 4	0 46	20 17	1 50	20 16	0 35	18 51	0 19	18 12	5 8	9 25	9 3	18 33	0 44	5 19
F 24	23 24	4 35	1 25	23 6	1 49	23 34	0 9	2 12	2 19	15 5	0 46	20 17	1 50	20 16	0 35	18 51	0 19	18 12	5 8	9 25	9 2	18 33	0 44	5 19
S 25	23 22	8 21	0 20	22 44	1 44	23 37	0 12	2 28	2 20	15 6	0 46	20 16	1 50	20 17	0 35	18 51	0 19	18 12	5 8	9 26	9 1	18 33	0 44	5 19
S 26	23 21	11 42	0s44	22 22	1 39	23 38	0 14	2 43	2 20	15 7	0 46	20 16	1 49	20 17	0 35	18 52	0 19	18 12	5 8	9 26	8 59	18 33	0 44	5 20
M27	23 19	14 32	1 46	21 59	1 33	23 40	0 16	2 59	2 21	15 9	0 47	20 15	1 49	20 17	0 35	18 52	0 19	18 12	5 7	9 25	8 58	18 34	0 44	5 20
T 28	23 16	16 43	2 42	21 34	1 27	23 40	0 19	3 14	2 21	15 10	0 47	20 15	1 49	20 18	0 35	18 52	0 19	18 12	5 7	9 23	8 57	18 34	0 44	5 20
W29	23 13	18 12	3 31	21 9	1 20	23 40	0 21	3 29	2 22	15 11	0 47	20 15	1 49	20 18	0 35	18 53	0 19	18 12	5 7	9 21	8 56	18 34	0 44	5 20
T 30	23n10	18n53	4s11	20n44	1n12	23n39	0n23	3n45	2s22	15s13	0s47	20s14	1n49	20s19	0s35	18s53	0n19	18n12	5s 7	9s17	8s55	18n34	0s44	5n21

Julian Day Number = 2511230.5, Delta T = 131.34 sec
Ecliptic obliquity = 23°24'56, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°01'26, Lahiri = 26°08'26

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2163
geocentric

JULY 2163 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 35 33	9♋ 6'51	2♋ 0	3♌56	7♋44	15♈46	21°R 0	10°R41	1°R44	4°R 9	5♋18	23°R46	22♎53	15♊44	15°R37	F 1
S 2	18 39 30	10° 4'05	13°59	5°12	8°57	16°26	20♒56	10♐37	1♒42	4♒ 7	5°19	23♎33	22°50	15°51	15♓36	S 2
S 3	18 43 26	11° 1'19	26° 4	6°25	10°11	17° 7	20°52	10°33	1°39	4° 6	5°21	23°20	22°47	15°57	15°36	S 3
M 4	18 47 23	11°58'33	8♌17	7°35	11°25	17°48	20°48	10°30	1°37	4° 5	5°22	23° 7	22°44	16° 4	15°35	M 4
T 5	18 51 19	12°55'47	20°39	8°43	12°39	18°28	20°43	10°27	1°35	4° 3	5°24	22°57	22°41	16°11	15°34	T 5
W 6	18 55 16	13°53'01	3♍11	9°48	13°52	19° 8	20°38	10°23	1°33	4° 2	5°25	22°49	22°38	16°17	15°33	W 6
T 7	18 59 13	14°50'14	15°55	10°49	15° 6	19°48	20°34	10°20	1°30	4° 0	5°27	22°44	22°34	16°24	15°32	T 7
F 8	19 3 9	15°47'27	28°55	11°48	16°20	20°28	20°29	10°17	1°28	3°59	5°28	22°42	22°31	16°31	15°31	F 8
S 9	19 7 6	16°44'39	12♎12	12°43	17°34	21° 8	20°23	10°14	1°26	3°57	5°29	22°41	22°28	16°38	15°30	S 9
S 10	19 11 2	17°41'52	25°49	13°36	18°47	21°48	20°18	10°10	1°24	3°56	5°31	22°41	22°25	16°44	15°29	S 10
M11	19 14 59	18°39'04	9♏48	14°24	20° 1	22°28	20°13	10° 7	1°21	3°54	5°32	22°40	22°22	16°51	15°28	M11
T 12	19 18 55	19°36'16	24° 9	15° 9	21°15	23° 7	20° 7	10° 5	1°19	3°52	5°34	22°38	22°19	16°58	15°26	T 12
W13	19 22 52	20°33'28	8♐51	15°51	22°29	23°46	20° 1	10° 2	1°17	3°51	5°35	22°33	22°15	17° 4	15°25	W13
T 14	19 26 48	21°30'40	23°48	16°28	23°43	24°26	19°56	9°59	1°14	3°49	5°37	22°26	22°12	17°11	15°24	T 14
F 15	19 30 45	22°27'52	8♑53	17° 2	24°56	25° 5	19°50	9°56	1°12	3°48	5°38	22°16	22° 9	17°18	15°22	F 15
S 16	19 34 42	23°25'04	23°56	17°32	26°10	25°44	19°44	9°54	1°10	3°46	5°39	22° 6	22° 6	17°24	15°21	S 16
S 17	19 38 38	24°22'16	8♒47	17°57	27°24	26°22	19°37	9°51	1° 7	3°45	5°41	21°55	22° 3	17°31	15°19	S 17
M18	19 42 35	25°19'28	23°18	18°18	28°38	27° 1	19°31	9°49	1° 5	3°43	5°42	21°45	21°59	17°38	15°18	M18
T 19	19 46 31	26°16'42	7♓23	18°34	29°52	27°39	19°24	9°46	1° 2	3°41	5°44	21°38	21°56	17°45	15°16	T 19
W20	19 50 28	27°13'55	20°59	18°46	1♌ 6	28°18	19°18	9°44	1° 0	3°40	5°45	21°33	21°53	17°51	15°15	W20
T 21	19 54 24	28°11'09	4♈ 7	18°53	2°19	28°56	19°11	9°42	0°58	3°38	5°46	21°30	21°50	17°58	15°13	T 21
F 22	19 58 21	29° 8'24	16°49	18°R55	3°33	29°34	19° 4	9°40	0°55	3°36	5°48	21°29	21°47	18° 5	15°11	F 22
S 23	20 2 17	0♌ 5'40	29°11	18°53	4°47	0♉11	18°57	9°38	0°53	3°35	5°49	21°29	21°44	18°11	15° 9	S 23
S 24	20 6 14	1° 2'56	11♉17	18°45	6° 1	0°49	18°50	9°36	0°50	3°33	5°50	21°29	21°40	18°18	15° 8	S 24
M25	20 10 11	2° 0'13	23°13	18°32	7°15	1°26	18°43	9°34	0°48	3°32	5°52	21°27	21°37	18°25	15° 6	M25
T 26	20 14 7	2°57'31	5♊ 3	18°15	8°29	2° 3	18°36	9°32	0°46	3°30	5°53	21°23	21°34	18°31	15° 4	T 26
W27	20 18 4	3°54'50	16°53	17°53	9°43	2°40	18°29	9°30	0°43	3°28	5°54	21°17	21°31	18°38	15° 2	W27
T 28	20 22 0	4°52'10	28°45	17°27	10°57	3°17	18°22	9°29	0°41	3°27	5°56	21° 8	21°28	18°45	15° 0	T 28
F 29	20 25 57	5°49'30	10♋44	16°56	12°11	3°54	18°14	9°27	0°38	3°25	5°57	20°57	21°25	18°52	14°58	F 29
S 30	20 29 53	6°46'51	22°51	16°22	13°25	4°30	18° 7	9°26	0°36	3°23	5°58	20°44	21°21	18°58	14°56	S 30
S 31	20 33 50	7♌44'13	5♌ 7	15♌44	14♌38	5♉ 6	17♒59	9♐24	0♒34	3♒22	6♋ 0	20♎32	21♎18	19♊ 5	14♓54	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n 6	18n44	4s40	20n18	1n 4	23n37	0n26	4n 0	2s23	15s14	0s48	20s14	1n49	20s19	0s35	18s53	0n19	18n12	5s 7	9s13	8s54	18n34	0s44	5n21
S 2	23 2	17 46	4 56	19 51	0 56	23 35	0 28	4 15	2 24	15 16	0 48	20 14	1 49	20 20	0 35	18 54	0 19	18 12	5 7	9 8	8 52	18 34	0 44	5 21
S 3	22 58	16 0	5 0	19 24	0 46	23 32	0 30	4 30	2 24	15 17	0 48	20 13	1 48	20 20	0 35	18 54	0 19	18 12	5 7	9 3	8 51	18 35	0 44	5 21
M 4	22 53	13 30	4 50	18 57	0 37	23 28	0 32	4 45	2 25	15 19	0 48	20 13	1 48	20 21	0 35	18 54	0 19	18 11	5 7	8 59	8 50	18 35	0 44	5 22
T 5	22 47	10 23	4 27	18 29	0 27	23 23	0 34	5 0	2 25	15 20	0 49	20 13	1 48	20 21	0 35	18 55	0 19	18 11	5 7	8 55	8 49	18 35	0 44	5 22
W 6	22 42	6 45	3 50	18 2	0 16	23 18	0 37	5 14	2 25	15 22	0 49	20 12	1 48	20 22	0 35	18 55	0 19	18 11	5 7	8 52	8 48	18 35	0 44	5 22
T 7	22 35	2 46	3 1	17 35	0 5	23 12	0 39	5 29	2 26	15 24	0 49	20 12	1 48	20 22	0 35	18 55	0 19	18 11	5 7	8 50	8 46	18 35	0 45	5 22
F 8	22 29	1s26	2 2	17 7	0s 7	23 6	0 41	5 44	2 26	15 26	0 49	20 12	1 48	20 23	0 35	18 56	0 19	18 11	5 7	8 49	8 45	18 35	0 45	5 22
S 9	22 22	5 40	0 55	16 40	0 19	22 58	0 43	5 58	2 27	15 28	0 50	20 11	1 47	20 24	0 35	18 56	0 19	18 11	5 7	8 49	8 44	18 35	0 45	5 23
S 10	22 15	9 42	0n17	16 14	0 31	22 51	0 45	6 12	2 27	15 29	0 50	20 11	1 47	20 24	0 35	18 56	0 19	18 11	5 7	8 49	8 43	18 36	0 45	5 23
M11	22 7	13 19	1 29	15 47	0 44	22 42	0 47	6 27	2 28	15 31	0 50	20 11	1 47	20 25	0 35	18 57	0 19	18 11	5 7	8 49	8 42	18 36	0 45	5 23
T 12	21 59	16 14	2 38	15 22	0 57	22 33	0 49	6 41	2 28	15 33	0 50	20 11	1 47	20 25	0 35	18 57	0 19	18 11	5 7	8 48	8 41	18 36	0 46	5 23
W13	21 51	18 10	3 38	14 57	1 11	22 23	0 51	6 55	2 28	15 35	0 50	20 10	1 47	20 26	0 35	18 58	0 19	18 11	5 7	8 46	8 39	18 36	0 46	5 23
T 14	21 42	18 52	4 24	14 33	1 24	22 12	0 53	7 9	2 29	15 37	0 51	20 10	1 46	20 26	0 35	18 58	0 19	18 11	5 7	8 43	8 38	18 36	0 46	5 24
F 15	21 33	18 15	4 52	14 9	1 38	22 1	0 55	7 23	2 29	15 39	0 51	20 10	1 46	20 27	0 35	18 58	0 19	18 11	5 7	8 40	8 37	18 36	0 47	5 24
S 16	21 23	16 22	5 0	13 47	1 52	21 49	0 57	7 37	2 30	15 42	0 51	20 10	1 46	20 27	0 35	18 59	0 19	18 11	5 7	8 36	8 36	18 36	0 47	5 24
S 17	21 13	13 25	4 48	13 26	2 6	21 37	0 58	7 50	2 30	15 44	0 51	20 10	1 46	20 28	0 35	18 59	0 19	18 11	5 7	8 32	8 35	18 36	0 47	5 24
M18	21 3	9 42	4 17	13 6	2 21	21 24	1 0	8 4	2 30	15 46	0 51	20 9	1 46	20 28	0 35	18 59	0 19	18 11	5 7	8 28	8 33	18 36	0 48	5 24
T 19	20 52	5 32	3 31	12 47	2 35	21 10	1 2	8 17	2 31	15 48	0 52	20 9	1 45	20 29	0 35	19 0	0 19	18 11	5 7	8 25	8 32	18 37	0 48	5 25
W20	20 42	1 13	2 34	12 30	2 49	20 56	1 3	8 30	2 31	15 50	0 52	20 9	1 45	20 29	0 35	19 0	0 19	18 11	5 7	8 23	8 31	18 37	0 49	5 25
T 21	20 30	3n 1	1 31	12 15	3 3	20 41	1 5	8 44	2 31	15 53	0 52	20 9	1 45	20 30	0 35	19 1	0 19	18 11	5 7	8 22	8 30	18 37	0 49	5 25
F 22	20 19	6 59	0 25	12 1	3 17	20 25	1 7	8 57	2 31	15 55	0 52	20 9	1 45	20 30	0 35	19 1	0 19	18 11	5 7	8 22	8 29	18 37	0 50	5 25
S 23	20 7	10 32	0s41	11 49	3 31	20 9	1 8	9 10	2 32	15 57	0 52	20 9	1 45	20 31	0 35	19 1	0 19	18 11	5 7	8 22	8 28	18 37	0 50	5 25
S 24	19 54	13 34	1 43	11 39	3 44	19 52	1 9	9 22	2 32	16 0	0 53	20 9	1 44	20 31	0 35	19 2	0 19	18 11	5 7	8 22	8 26	18 37	0 51	5 26
M25	19 42	15 59	2 40	11 31	3 56	19 35	1 11	9 35	2 32	16 2	0 53	20 9	1 44	20 32	0 35	19 2	0 19	18 11	5 7	8 21	8 25	18 37	0 51	5 26
T 26	19 29	17 42	3 29	11 25	4 8	19 17	1 12	9 48	2 32	16 4	0 53	20 9	1 44	20 33	0 35	19 3	0 19	18 11	5 7	8 20	8 24	18 37	0 52	5 26
W27	19 15	18 38	4 9	11 21	4 18	18 59	1 13	10 0	2 32	16 7	0 53	20 9	1 44	20 33	0 35	19 3	0 19	18 11	5 7	8 18	8 23	18 37	0 53	5 26
T 28	19 2	18 46	4 39	11 20	4 28	18 40	1 15	10 12	2 33	16 9	0 53	20 9	1 44	20 34	0 35	19 3	0 19	18 11	5 7	8 14	8 22	18 37	0 53	5 26
F 29	18 48	18 3	4 56	11 20	4 37	18 21	1 16	10 24	2 33	16 12	0 53	20 9	1 43	20 34	0 35	19 4	0 19	18 10	5 7	8 10	8 20	18 37	0 54	5 26
S 30	18 34	16 32	5 1	11 24	4 44	18 1	1 17	10 36	2 33	16 14	0 54	20 9	1 43	20 35	0 35	19 4	0 19	18 10	5 7	8 5	8 19	18 37	0 54	5 27
S 31	18n19	14n15	4s52	11n29	4s50	17n40	1n18	10n48	2s33	16s17	0s54	20s 9	1n43	20s35	0s35	19s 4	0n19	18n10	5s 7	8s 1	8s18	18n38	0s55	5n27

Julian Day Number = 2511260.5, Delta T = 131.40 sec
Ecliptic obliquity = 23°24'56, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°01'30, Lahiri = 26°08'30

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2163
geocentric

AUGUST 2163 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 37 46	8♌41'36	17♌33	15°R 4	15♌52	5♉42	17°R52	9°R23	0°R31	3°R20	6♋ 1	20°R20	21♎15	19♊12	14°R51	M 1
T 2	20 41 43	9°38'59	0♍11	14♌21	17° 6	6°18	17♒44	9♐22	0♒29	3♒19	6° 2	20♎ 9	21°12	19°18	14♓49	T 2
W 3	20 45 40	10°36'23	12°58	13°37	18°20	6°53	17°36	9°21	0°26	3°17	6° 3	20° 2	21° 9	19°25	14°47	W 3
T 4	20 49 36	11°33'48	25°58	12°52	19°34	7°28	17°28	9°20	0°24	3°15	6° 5	19°57	21° 5	19°32	14°45	T 4
F 5	20 53 33	12°31'13	9♎ 9	12° 7	20°48	8° 3	17°21	9°19	0°22	3°14	6° 6	19°55	21° 2	19°38	14°42	F 5
S 6	20 57 29	13°28'39	22°34	11°23	22° 2	8°38	17°13	9°18	0°19	3°12	6° 7	19°D54	20°59	19°45	14°40	S 6
S 7	21 1 26	14°26'05	6♏13	10°40	23°16	9°13	17° 5	9°18	0°17	3°11	6° 8	19°55	20°56	19°52	14°38	S 7
M 8	21 5 22	15°23'32	20° 7	10° 0	24°30	9°47	16°57	9°17	0°15	3° 9	6° 9	19°R55	20°53	19°59	14°35	M 8
T 9	21 9 19	16°21'00	4♐18	9°24	25°44	10°21	16°50	9°17	0°13	3° 7	6°11	19°54	20°50	20° 5	14°33	T 9
W10	21 13 15	17°18'29	18°43	8°51	26°58	10°55	16°42	9°16	0°10	3° 6	6°12	19°50	20°46	20°12	14°30	W10
T 11	21 17 12	18°15'58	3♑19	8°24	28°12	11°28	16°34	9°16	0° 8	3° 4	6°13	19°44	20°43	20°19	14°28	T 11
F 12	21 21 9	19°13'29	18° 2	8° 1	29°26	12° 1	16°26	9°16	0° 6	3° 3	6°14	19°37	20°40	20°25	14°25	F 12
S 13	21 25 5	20°11'00	2♒43	7°44	0♍40	12°34	16°18	9°D16	0° 4	3° 1	6°15	19°28	20°37	20°32	14°23	S 13
S 14	21 29 2	21° 8'32	17°16	7°34	1°54	13° 7	16°11	9°16	0° 1	3° 0	6°16	19°19	20°34	20°39	14°20	S 14
M15	21 32 58	22° 6'05	1♓33	7°D30	3° 8	13°39	16° 3	9°16	29♑59	2°58	6°17	19°11	20°31	20°46	14°17	M15
T 16	21 36 55	23° 3'39	15°30	7°33	4°22	14°11	15°55	9°16	29°57	2°57	6°18	19° 5	20°27	20°52	14°15	T 16
W17	21 40 51	24° 1'15	29° 2	7°44	5°36	14°42	15°47	9°16	29°55	2°55	6°19	19° 1	20°24	20°59	14°12	W17
T 18	21 44 48	24°58'52	12♈ 9	8° 1	6°50	15°14	15°40	9°17	29°53	2°54	6°20	18°59	20°21	21° 6	14° 9	T 18
F 19	21 48 44	25°56'30	24°53	8°26	8° 4	15°45	15°32	9°17	29°51	2°52	6°21	18°D59	20°18	21°12	14° 7	F 19
S 20	21 52 41	26°54'10	7♉16	8°58	9°18	16°16	15°25	9°18	29°49	2°51	6°22	19° 0	20°15	21°19	14° 4	S 20
S 21	21 56 38	27°51'51	19°25	9°37	10°32	16°46	15°17	9°18	29°47	2°49	6°23	19° 1	20°11	21°26	14° 1	S 21
M22	22 0 34	28°49'35	1♊22	10°23	11°46	17°16	15°10	9°19	29°45	2°48	6°24	19°R 1	20° 8	21°32	13°58	M22
T 23	22 4 31	29°47'19	13°14	11°16	13° 0	17°46	15° 2	9°20	29°43	2°47	6°25	19° 0	20° 5	21°39	13°56	T 23
W24	22 8 27	0♍45'06	25° 6	12°16	14°14	18°15	14°55	9°21	29°41	2°45	6°26	18°57	20° 2	21°46	13°53	W24
T 25	22 12 24	1°42'54	7♋ 1	13°22	15°28	18°44	14°48	9°22	29°39	2°44	6°27	18°52	19°59	21°53	13°50	T 25
F 26	22 16 20	2°40'43	19° 5	14°35	16°42	19°12	14°41	9°23	29°37	2°42	6°28	18°45	19°56	21°59	13°47	F 26
S 27	22 20 17	3°38'34	1♌19	15°53	17°56	19°41	14°34	9°25	29°35	2°41	6°29	18°38	19°52	22° 6	13°44	S 27
S 28	22 24 13	4°36'27	13°46	17°17	19°10	20° 8	14°27	9°26	29°33	2°40	6°30	18°30	19°49	22°13	13°42	S 28
M29	22 28 10	5°34'22	26°26	18°46	20°24	20°36	14°20	9°27	29°31	2°38	6°31	18°22	19°46	22°19	13°39	M29
T 30	22 32 6	6°32'17	9♍21	20°20	21°38	21° 3	14°13	9°29	29°30	2°37	6°32	18°16	19°43	22°26	13°36	T 30
W31	22 36 3	7♍30'15	22♍30	21♌58	22♍52	21♉29	14♒ 7	9♐31	29♑28	2♒36	6♋32	18♎11	19♎40	22♊33	13♓33	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	18n 4	11n18	4s28	11n36	4s55	17n19	1n19	11n 0	2s33	16s19	0s54	20s 9	1n43	20s36	0s35	19s 5	0n19	18n10	5s 7	7s56	8s17	18n38	0s56	5n27
T 2	17 49	7 47	3 52	11 46	4 57	16 58	1 20	11 12	2 33	16 22	0 54	20 9	1 43	20 36	0 35	19 5	0 19	18 10	5 7	7 52	8 16	18 38	0 57	5 27
W 3	17 34	3 52	3 3	11 57	4 58	16 36	1 21	11 23	2 33	16 24	0 54	20 9	1 42	20 37	0 35	19 6	0 19	18 10	5 7	7 49	8 14	18 38	0 57	5 27
T 4	17 18	0s17	2 4	12 10	4 58	16 14	1 22	11 34	2 33	16 27	0 54	20 9	1 42	20 37	0 35	19 6	0 19	18 10	5 7	7 48	8 13	18 38	0 58	5 27
F 5	17 2	4 30	0 57	12 25	4 55	15 51	1 23	11 46	2 33	16 29	0 55	20 9	1 42	20 38	0 35	19 6	0 19	18 10	5 7	7 47	8 12	18 38	0 59	5 27
S 6	16 46	8 33	0n14	12 41	4 51	15 28	1 23	11 57	2 33	16 32	0 55	20 9	1 42	20 38	0 35	19 7	0 19	18 10	5 7	7 47	8 11	18 38	1 0	5 27
S 7	16 29	12 14	1 26	12 59	4 45	15 4	1 24	12 8	2 33	16 34	0 55	20 9	1 41	20 39	0 35	19 7	0 19	18 10	5 7	7 47	8 10	18 38	1 0	5 28
M 8	16 12	15 17	2 34	13 17	4 37	14 40	1 25	12 18	2 33	16 37	0 55	20 9	1 41	20 39	0 35	19 8	0 19	18 10	5 7	7 47	8 9	18 38	1 1	5 28
T 9	15 55	17 29	3 34	13 35	4 27	14 16	1 25	12 29	2 33	16 39	0 55	20 9	1 41	20 40	0 35	19 8	0 19	18 10	5 7	7 46	8 7	18 38	1 2	5 28
W10	15 38	18 36	4 21	13 54	4 16	13 51	1 26	12 39	2 33	16 42	0 55	20 10	1 41	20 40	0 35	19 8	0 19	18 10	5 7	7 45	8 6	18 38	1 3	5 28
T 11	15 20	18 31	4 52	14 13	4 4	13 26	1 26	12 50	2 33	16 44	0 55	20 10	1 41	20 41	0 35	19 9	0 19	18 10	5 7	7 43	8 5	18 38	1 4	5 28
F 12	15 3	17 11	5 4	14 32	3 50	13 0	1 26	13 0	2 33	16 47	0 55	20 10	1 40	20 41	0 35	19 9	0 19	18 9	5 7	7 40	8 4	18 38	1 5	5 28
S 13	14 45	14 43	4 56	14 50	3 36	12 34	1 27	13 10	2 33	16 49	0 55	20 10	1 40	20 42	0 35	19 9	0 19	18 9	5 7	7 37	8 3	18 38	1 6	5 28
S 14	14 26	11 22	4 29	15 8	3 20	12 8	1 27	13 20	2 33	16 51	0 56	20 10	1 40	20 42	0 35	19 10	0 19	18 9	5 7	7 33	8 1	18 38	1 7	5 28
M15	14 8	7 24	3 46	15 24	3 4	11 42	1 27	13 29	2 33	16 54	0 56	20 11	1 40	20 42	0 35	19 10	0 19	18 9	5 7	7 30	8 0	18 38	1 7	5 28
T 16	13 49	3 6	2 49	15 40	2 48	11 15	1 27	13 39	2 32	16 56	0 56	20 11	1 39	20 43	0 35	19 10	0 19	18 9	5 7	7 28	7 59	18 38	1 8	5 28
W17	13 30	1n13	1 45	15 53	2 31	10 48	1 27	13 48	2 32	16 59	0 56	20 11	1 39	20 43	0 35	19 11	0 19	18 9	5 7	7 26	7 58	18 38	1 9	5 28
T 18	13 11	5 21	0 37	16 6	2 13	10 20	1 27	13 58	2 32	17 1	0 56	20 11	1 39	20 44	0 35	19 11	0 19	18 9	5 7	7 26	7 57	18 38	1 10	5 28
F 19	12 52	9 8	0s32	16 16	1 56	9 53	1 27	14 7	2 32	17 3	0 56	20 12	1 39	20 44	0 35	19 12	0 19	18 9	5 7	7 26	7 55	18 38	1 11	5 28
S 20	12 32	12 24	1 37	16 25	1 39	9 25	1 27	14 16	2 32	17 6	0 56	20 12	1 39	20 45	0 35	19 12	0 19	18 9	5 7	7 26	7 54	18 38	1 12	5 29
S 21	12 12	15 3	2 36	16 31	1 22	8 56	1 26	14 25	2 31	17 8	0 56	20 12	1 38	20 45	0 35	19 12	0 19	18 9	5 7	7 26	7 53	18 38	1 13	5 29
M22	11 52	17 1	3 28	16 35	1 5	8 28	1 26	14 33	2 31	17 10	0 56	20 13	1 38	20 45	0 35	19 13	0 19	18 9	5 7	7 26	7 52	18 38	1 14	5 29
T 23	11 32	18 13	4 10	16 36	0 48	7 59	1 26	14 42	2 31	17 12	0 56	20 13	1 38	20 46	0 35	19 13	0 19	18 9	5 7	7 26	7 51	18 38	1 15	5 29
W24	11 12	18 38	4 42	16 35	0 33	7 30	1 25	14 50	2 30	17 15	0 56	20 13	1 38	20 46	0 35	19 13	0 19	18 8	5 7	7 25	7 49	18 38	1 16	5 29
T 25	10 51	18 13	5 1	16 31	0 17	7 1	1 25	14 59	2 30	17 17	0 56	20 14	1 37	20 47	0 35	19 14	0 19	18 8	5 7	7 23	7 48	18 38	1 18	5 29
F 26	10 31	16 59	5 8	16 24	0 3	6 32	1 24	15 7	2 30	17 19	0 56	20 14	1 37	20 47	0 35	19 14	0 19	18 8	5 8	7 20	7 47	18 38	1 19	5 29
S 27	10 10	14 57	5 1	16 14	0n11	6 2	1 23	15 15	2 29	17 21	0 57	20 15	1 37	20 47	0 35	19 14	0 19	18 8	5 8	7 18	7 46	18 38	1 20	5 29
S 28	9 49	12 13	4 39	16 1	0 24	5 33	1 23	15 22	2 29	17 23	0 57	20 15	1 37	20 48	0 35	19 15	0 19	18 8	5 8	7 15	7 45	18 38	1 21	5 29
M29	9 28	8 52	4 3	15 45	0 36	5 3	1 22	15 30	2 28	17 25	0 57	20 15	1 37	20 48	0 35	19 15	0 19	18 8	5 8	7 12	7 43	18 38	1 22	5 29
T 30	9 6	5 3	3 15	15 27	0 47	4 33	1 21	15 37	2 28	17 27	0 57	20 16	1 36	20 49	0 35	19 15	0 19	18 8	5 8	7 9	7 42	18 38	1 23	5 29
W31	8n45	0n55	2s15	15n 5	0n58	4n 3	1n20	15n45	2s27	17s29	0s57	20s16	1n36	20s49	0s35	19s15	0n19	18n 8	5s 8	7s 8	7s41	18n38	1s24	5n29

Julian Day Number = 2511291.5, Delta T = 131.47 sec
Ecliptic obliquity = 23°24'56, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°01'34, Lahiri = 26°08'34

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2163
geocentric

SEPTEMBER 2163 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 40 0	8♍28'14	5♎51	23♌40	24♍ 7	21♉55	14°R 0	9♐32	29°R26	2°R35	6♋33	18°R 9	19♎36	22♊39	13°R30	T 1
F 2	22 43 56	9°26'14	19°24	25°25	25°21	22°21	13♒54	9°34	29♑25	2♒33	6°34	18°D 8	19°33	22°46	13♓27	F 2
S 3	22 47 53	10°24'15	3♏ 7	27°13	26°35	22°46	13°48	9°36	29°23	2°32	6°35	18♎ 9	19°30	22°53	13°24	S 3
S 4	22 51 49	11°22'19	16°59	29° 3	27°49	23°10	13°42	9°38	29°21	2°31	6°35	18°10	19°27	23° 0	13°21	S 4
M 5	22 55 46	12°20'23	1♐ 0	0♍55	29° 3	23°34	13°36	9°40	29°20	2°30	6°36	18°12	19°24	23° 6	13°18	M 5
T 6	22 59 42	13°18'29	15° 9	2°48	0♎17	23°58	13°30	9°43	29°18	2°29	6°37	18°R12	19°21	23°13	13°15	T 6
W 7	23 3 39	14°16'36	29°23	4°43	1°31	24°21	13°24	9°45	29°17	2°28	6°37	18°11	19°17	23°20	13°13	W 7
T 8	23 7 35	15°14'45	13♑41	6°39	2°45	24°44	13°18	9°47	29°15	2°26	6°38	18° 9	19°14	23°26	13°10	T 8
F 9	23 11 32	16°12'55	27°59	8°34	3°59	25° 6	13°13	9°50	29°14	2°25	6°39	18° 5	19°11	23°33	13° 7	F 9
S 10	23 15 29	17°11'06	12♒13	10°31	5°13	25°28	13° 8	9°52	29°13	2°24	6°39	18° 1	19° 8	23°40	13° 4	S 10
S 11	23 19 25	18° 9'19	26°19	12°27	6°27	25°49	13° 3	9°55	29°11	2°23	6°40	17°56	19° 5	23°47	13° 1	S 11
M12	23 23 22	19° 7'34	10♓12	14°22	7°41	26° 9	12°58	9°58	29°10	2°22	6°41	17°52	19° 2	23°53	12°58	M12
T 13	23 27 18	20° 5'50	23°49	16°18	8°55	26°29	12°53	10° 1	29° 9	2°21	6°41	17°49	18°58	24° 0	12°55	T 13
W14	23 31 15	21° 4'08	7♈ 7	18°12	10° 9	26°49	12°48	10° 3	29° 8	2°20	6°42	17°47	18°55	24° 7	12°52	W14
T 15	23 35 11	22° 2'28	20° 6	20° 6	11°23	27° 8	12°44	10° 6	29° 6	2°20	6°42	17°D47	18°52	24°13	12°50	T 15
F 16	23 39 8	23° 0'50	2♉46	22° 0	12°37	27°26	12°40	10°10	29° 5	2°19	6°43	17°48	18°49	24°20	12°47	F 16
S 17	23 43 4	23°59'14	15° 8	23°52	13°50	27°43	12°35	10°13	29° 4	2°18	6°43	17°49	18°46	24°27	12°44	S 17
S 18	23 47 1	24°57'40	27°17	25°43	15° 4	28° 0	12°31	10°16	29° 3	2°17	6°44	17°51	18°42	24°34	12°41	S 18
M19	23 50 58	25°56'08	9♊16	27°34	16°18	28°17	12°28	10°19	29° 2	2°16	6°44	17°52	18°39	24°40	12°38	M19
T 20	23 54 54	26°54'39	21° 9	29°24	17°32	28°32	12°24	10°23	29° 1	2°15	6°44	17°53	18°36	24°47	12°35	T 20
W21	23 58 51	27°53'11	3♋ 2	1♎12	18°46	28°47	12°21	10°26	29° 0	2°15	6°45	17°R53	18°33	24°54	12°33	W21
T 22	0 2 47	28°51'46	14°58	3° 0	20° 0	29° 2	12°17	10°30	29° 0	2°14	6°45	17°52	18°30	25° 0	12°30	T 22
F 23	0 6 44	29°50'23	27° 3	4°46	21°14	29°15	12°14	10°34	28°59	2°13	6°45	17°51	18°27	25° 7	12°27	F 23
S 24	0 10 40	0♎49'02	9♌20	6°32	22°28	29°28	12°11	10°37	28°58	2°13	6°46	17°48	18°23	25°14	12°24	S 24
S 25	0 14 37	1°47'43	21°54	8°16	23°42	29°40	12° 9	10°41	28°57	2°12	6°46	17°46	18°20	25°21	12°22	S 25
M26	0 18 33	2°46'26	4♍45	10° 0	24°56	29°52	12° 6	10°45	28°57	2°11	6°46	17°44	18°17	25°27	12°19	M26
T 27	0 22 30	3°45'12	17°55	11°42	26°10	0♊ 2	12° 4	10°49	28°56	2°11	6°47	17°42	18°14	25°34	12°16	T 27
W28	0 26 26	4°43'59	1♎23	13°24	27°24	0°12	12° 2	10°53	28°56	2°10	6°47	17°41	18°11	25°41	12°14	W28
T 29	0 30 23	5°42'48	15° 9	15° 4	28°38	0°21	12° 0	10°57	28°55	2°10	6°47	17°D40	18° 7	25°47	12°11	T 29
F 30	0 34 20	6♎41'40	29♎ 8	16♎44	29♎52	0♊30	11♒58	11♐ 2	28♑55	2♒ 9	6♋47	17♎40	18♎ 4	25♊54	12♓ 9	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n23	3s20	1s 6	14n40	1n 7	3n33	1n19	15n52	2s27	17s31	0s57	20s17	1n36	20s49	0s35	19s16	0n19	18n 8	5s 8	7s 7	7s40	18n38	1s25	5n29
F 2	8 1	7 29	0n 7	14 13	1 15	3 3	1 18	15 59	2 26	17 33	0 57	20 17	1 36	20 50	0 35	19 16	0 19	18 8	5 8	7 6	7 39	18 38	1 26	5 28
S 3	7 40	11 17	1 21	13 43	1 23	2 32	1 17	16 6	2 25	17 35	0 57	20 18	1 35	20 50	0 35	19 16	0 19	18 8	5 8	7 7	7 37	18 38	1 27	5 28
S 4	7 18	14 29	2 31	13 11	1 29	2 2	1 16	16 13	2 25	17 36	0 57	20 18	1 35	20 50	0 35	19 17	0 19	18 7	5 8	7 7	7 36	18 38	1 29	5 28
M 5	6 55	16 52	3 32	12 36	1 34	1 31	1 14	16 19	2 24	17 38	0 57	20 19	1 35	20 51	0 35	19 17	0 19	18 7	5 8	7 8	7 35	18 38	1 30	5 28
T 6	6 33	18 15	4 22	12 0	1 39	1 0	1 13	16 26	2 23	17 40	0 57	20 19	1 35	20 51	0 35	19 17	0 19	18 7	5 8	7 8	7 34	18 38	1 31	5 28
W 7	6 11	18 29	4 55	11 21	1 42	0 30	1 12	16 32	2 23	17 41	0 57	20 20	1 35	20 51	0 35	19 17	0 18	18 7	5 8	7 7	7 33	18 37	1 32	5 28
T 8	5 49	17 33	5 11	10 41	1 45	0s 1	1 10	16 38	2 22	17 43	0 57	20 20	1 34	20 51	0 35	19 18	0 18	18 7	5 8	7 7	7 31	18 37	1 33	5 28
F 9	5 26	15 31	5 7	9 59	1 46	0 32	1 9	16 44	2 21	17 45	0 57	20 21	1 34	20 52	0 35	19 18	0 18	18 7	5 8	7 5	7 30	18 37	1 34	5 28
S 10	5 3	12 33	4 45	9 16	1 47	1 2	1 7	16 50	2 20	17 46	0 57	20 22	1 34	20 52	0 35	19 18	0 18	18 7	5 8	7 3	7 29	18 37	1 36	5 28
S 11	4 41	8 53	4 5	8 32	1 48	1 33	1 6	16 56	2 19	17 47	0 57	20 22	1 34	20 52	0 35	19 19	0 18	18 7	5 8	7 2	7 28	18 37	1 37	5 28
M12	4 18	4 47	3 11	7 47	1 47	2 4	1 4	17 2	2 19	17 49	0 57	20 23	1 33	20 52	0 35	19 19	0 18	18 7	5 8	7 0	7 27	18 37	1 38	5 28
T 13	3 55	0 30	2 8	7 2	1 46	2 34	1 2	17 7	2 18	17 50	0 57	20 23	1 33	20 53	0 35	19 19	0 18	18 7	5 9	6 59	7 25	18 37	1 39	5 28
W14	3 32	3n43	0 58	6 15	1 44	3 5	1 1	17 12	2 17	17 52	0 57	20 24	1 33	20 53	0 35	19 19	0 18	18 7	5 9	6 58	7 24	18 37	1 40	5 28
T 15	3 9	7 39	0s13	5 29	1 42	3 36	0 59	17 18	2 16	17 53	0 57	20 25	1 33	20 53	0 35	19 19	0 18	18 7	5 9	6 58	7 23	18 37	1 42	5 27
F 16	2 46	11 8	1 21	4 41	1 39	4 6	0 57	17 23	2 15	17 54	0 57	20 25	1 33	20 53	0 35	19 20	0 18	18 6	5 9	6 59	7 22	18 37	1 43	5 27
S 17	2 23	14 3	2 25	3 54	1 36	4 37	0 55	17 28	2 14	17 55	0 57	20 26	1 32	20 54	0 35	19 20	0 18	18 6	5 9	6 59	7 21	18 37	1 44	5 27
S 18	2 0	16 17	3 21	3 6	1 32	5 7	0 53	17 33	2 13	17 56	0 57	20 27	1 32	20 54	0 35	19 20	0 18	18 6	5 9	7 0	7 19	18 37	1 45	5 27
M19	1 37	17 45	4 7	2 18	1 28	5 37	0 51	17 37	2 11	17 57	0 57	20 27	1 32	20 54	0 35	19 20	0 18	18 6	5 9	7 0	7 18	18 37	1 46	5 27
T 20	1 14	18 26	4 42	1 31	1 23	6 8	0 49	17 42	2 10	17 58	0 57	20 28	1 32	20 54	0 35	19 20	0 18	18 6	5 9	7 1	7 17	18 36	1 48	5 27
W21	0 50	18 18	5 5	0 43	1 18	6 38	0 47	17 46	2 9	17 59	0 57	20 29	1 32	20 54	0 35	19 21	0 18	18 6	5 9	7 1	7 16	18 36	1 49	5 27
T 22	0 27	17 21	5 15	0s 4	1 13	7 8	0 44	17 51	2 8	18 0	0 57	20 29	1 31	20 54	0 35	19 21	0 18	18 6	5 9	7 0	7 15	18 36	1 50	5 26
F 23	0 4	15 38	5 11	0 52	1 8	7 37	0 42	17 55	2 7	18 1	0 56	20 30	1 31	20 55	0 35	19 21	0 18	18 6	5 9	7 0	7 13	18 36	1 51	5 26
S 24	0s19	13 11	4 54	1 39	1 2	8 7	0 40	17 59	2 5	18 2	0 56	20 31	1 31	20 55	0 35	19 21	0 18	18 6	5 9	6 59	7 12	18 36	1 52	5 26
S 25	0 43	10 4	4 21	2 25	0 56	8 36	0 38	18 3	2 4	18 2	0 56	20 32	1 31	20 55	0 35	19 21	0 18	18 6	5 9	6 58	7 11	18 36	1 53	5 26
M26	1 6	6 25	3 36	3 12	0 50	9 6	0 35	18 6	2 2	18 3	0 56	20 32	1 31	20 55	0 35	19 22	0 18	18 6	5 9	6 57	7 10	18 36	1 55	5 26
T 27	1 29	2 21	2 37	3 57	0 43	9 35	0 33	18 10	2 1	18 4	0 56	20 33	1 30	20 55	0 35	19 22	0 18	18 6	5 9	6 56	7 9	18 36	1 56	5 26
W28	1 53	1s55	1 29	4 43	0 37	10 4	0 31	18 14	1 59	18 4	0 56	20 34	1 30	20 55	0 35	19 22	0 18	18 5	5 10	6 56	7 7	18 36	1 57	5 25
T 29	2 16	6 11	0 14	5 28	0 30	10 32	0 28	18 17	1 58	18 5	0 56	20 35	1 30	20 55	0 35	19 22	0 18	18 5	5 10	6 56	7 6	18 35	1 58	5 25
F 30	2s39	10s10	1n 3	6s12	0n24	11s 1	0n26	18n20	1s56	18s 5	0s56	20s35	1n30	20s55	0s35	19s22	0n18	18n 5	5s10	6s56	7s 5	18n35	1s59	5n25

Julian Day Number = 2511322.5, Delta T = 131.53 sec
Ecliptic obliquity = 23°24'57, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°01'38, Lahiri = 26°08'39

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2163
geocentric

OCTOBER 2163 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 38 16	7♎40'33	13♏18	18♎23	1♏ 5	0♊37	11°R57	11♐ 6	28°R54	2°R 9	6♋47	17♎41	18♎ 1	26♊ 1	12°R 6	S 1
S 2	0 42 13	8°39'28	27°34	20° 1	2°19	0°44	11♒55	11°10	28♑54	2♒ 8	6°47	17°42	17°58	26° 7	12♓ 4	S 2
M 3	0 46 9	9°38'25	11♐53	21°38	3°33	0°50	11°54	11°15	28°53	2° 8	6°47	17°43	17°55	26°14	12° 1	M 3
T 4	0 50 6	10°37'23	26°11	23°14	4°47	0°55	11°53	11°19	28°53	2° 8	6°48	17°43	17°52	26°21	11°59	T 4
W 5	0 54 2	11°36'24	10♑26	24°49	6° 1	0°59	11°53	11°24	28°53	2° 7	6°48	17°R43	17°48	26°28	11°56	W 5
T 6	0 57 59	12°35'26	24°34	26°23	7°15	1° 2	11°52	11°29	28°53	2° 7	6°48	17°43	17°45	26°34	11°54	T 6
F 7	1 1 55	13°34'29	8♒33	27°57	8°29	1° 5	11°52	11°33	28°53	2° 7	6°R48	17°43	17°42	26°41	11°51	F 7
S 8	1 5 52	14°33'35	22°23	29°30	9°42	1° 6	11°D52	11°38	28°53	2° 6	6°48	17°43	17°39	26°48	11°49	S 8
S 9	1 9 49	15°32'42	6♓ 1	1♏ 2	10°56	1°R 7	11°52	11°43	28°D53	2° 6	6°48	17°42	17°36	26°54	11°47	S 9
M10	1 13 45	16°31'51	19°27	2°33	12°10	1° 7	11°52	11°48	28°53	2° 6	6°48	17°42	17°33	27° 1	11°45	M10
T 11	1 17 42	17°31'02	2♈39	4° 3	13°24	1° 6	11°52	11°53	28°53	2° 6	6°48	17°D42	17°29	27° 8	11°42	T 11
W12	1 21 38	18°30'15	15°37	5°33	14°38	1° 4	11°53	11°58	28°53	2° 6	6°47	17°R42	17°26	27°15	11°40	W12
T 13	1 25 35	19°29'30	28°21	7° 2	15°51	1° 1	11°54	12° 3	28°53	2° 6	6°47	17°42	17°23	27°21	11°38	T 13
F 14	1 29 31	20°28'47	10♉51	8°29	17° 5	0°58	11°55	12° 8	28°53	2°D 6	6°47	17°42	17°20	27°28	11°36	F 14
S 15	1 33 28	21°28'06	23° 7	9°57	18°19	0°53	11°56	12°14	28°54	2° 6	6°47	17°41	17°17	27°35	11°34	S 15
S 16	1 37 24	22°27'27	5♊14	11°23	19°32	0°47	11°58	12°19	28°54	2° 6	6°47	17°41	17°13	27°41	11°32	S 16
M17	1 41 21	23°26'51	17°11	12°49	20°46	0°41	11°59	12°24	28°54	2° 6	6°47	17°40	17°10	27°48	11°30	M17
T 18	1 45 18	24°26'17	29° 4	14°13	22° 0	0°34	12° 1	12°30	28°55	2° 6	6°46	17°39	17° 7	27°55	11°28	T 18
W19	1 49 14	25°25'45	10♋56	15°37	23°14	0°26	12° 3	12°35	28°55	2° 6	6°46	17°39	17° 4	28° 2	11°26	W19
T 20	1 53 11	26°25'15	22°51	17° 0	24°27	0°17	12° 5	12°41	28°56	2° 6	6°46	17°D39	17° 1	28° 8	11°25	T 20
F 21	1 57 7	27°24'48	4♌55	18°22	25°41	0° 7	12° 8	12°47	28°57	2° 7	6°46	17°39	16°58	28°15	11°23	F 21
S 22	2 1 4	28°24'23	17°11	19°43	26°55	29♉56	12°10	12°52	28°57	2° 7	6°45	17°39	16°54	28°22	11°21	S 22
S 23	2 5 0	29°24'00	29°43	21° 2	28° 8	29°45	12°13	12°58	28°58	2° 7	6°45	17°40	16°51	28°28	11°19	S 23
M24	2 8 57	0♏23'39	12♍36	22°21	29°22	29°32	12°16	13° 4	28°59	2° 7	6°44	17°41	16°48	28°35	11°18	M24
T 25	2 12 53	1°23'21	25°53	23°39	0♐36	29°19	12°19	13°10	29° 0	2° 8	6°44	17°42	16°45	28°42	11°16	T 25
W26	2 16 50	2°23'05	9♎33	24°55	1°49	29° 5	12°23	13°16	29° 0	2° 8	6°44	17°43	16°42	28°49	11°15	W26
T 27	2 20 47	3°22'50	23°37	26° 9	3° 3	28°50	12°26	13°21	29° 1	2° 9	6°43	17°R43	16°39	28°55	11°13	T 27
F 28	2 24 43	4°22'38	8♏ 0	27°23	4°16	28°35	12°30	13°27	29° 2	2° 9	6°43	17°42	16°35	29° 2	11°12	F 28
S 29	2 28 40	5°22'28	22°38	28°34	5°30	28°18	12°34	13°34	29° 3	2° 9	6°42	17°41	16°32	29° 9	11°10	S 29
S 30	2 32 36	6°22'20	7♐23	29°44	6°44	28° 1	12°38	13°40	29° 4	2°10	6°42	17°38	16°29	29°15	11° 9	S 30
M31	2 36 33	7♏22'14	22♐ 8	0♑51	7♑57	27♉44	12♒42	13♑46	29♑ 5	2♒11	6♋41	17♎36	16♎26	29♊22	11♓ 8	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3s 3	13s38	2n17	6s56	0n17	11s29	0n23	18n24	1s55	18s 5	0s56	20s36	1n30	20s55	0s35	19s22	0n18	18n 5	5s10	6s56	7s 4	18n35	2s 0	5n25
S 2	3 26	16 18	3 24	7 40	0 10	11 57	0 20	18 27	1 53	18 6	0 56	20 37	1 30	20 55	0 35	19 22	0 18	18 5	5 10	6 56	7 2	18 35	2 2	5 25
M 3	3 49	17 56	4 17	8 23	0 3	12 24	0 18	18 29	1 51	18 6	0 56	20 38	1 29	20 55	0 35	19 22	0 18	18 5	5 10	6 57	7 1	18 35	2 3	5 24
T 4	4 12	18 27	4 55	9 5	0s 4	12 52	0 15	18 32	1 49	18 6	0 56	20 39	1 29	20 55	0 34	19 22	0 18	18 5	5 10	6 57	7 0	18 35	2 4	5 24
W 5	4 35	17 47	5 15	9 47	0 11	13 19	0 13	18 35	1 47	18 6	0 56	20 39	1 29	20 56	0 34	19 23	0 18	18 5	5 10	6 57	6 59	18 35	2 5	5 24
T 6	4 58	16 1	5 15	10 28	0 19	13 46	0 10	18 38	1 45	18 6	0 56	20 40	1 29	20 56	0 34	19 23	0 18	18 5	5 10	6 57	6 58	18 34	2 6	5 24
F 7	5 21	13 20	4 56	11 8	0 26	14 12	0 7	18 40	1 44	18 6	0 56	20 41	1 29	20 56	0 34	19 23	0 18	18 5	5 10	6 57	6 56	18 34	2 7	5 23
S 8	5 44	9 55	4 21	11 48	0 33	14 38	0 5	18 42	1 42	18 6	0 56	20 42	1 28	20 56	0 34	19 23	0 18	18 5	5 10	6 57	6 55	18 34	2 8	5 23
S 9	6 7	6 1	3 31	12 27	0 40	15 4	0 2	18 44	1 39	18 6	0 56	20 43	1 28	20 55	0 34	19 23	0 18	18 5	5 10	6 56	6 54	18 34	2 9	5 23
M10	6 30	1 52	2 30	13 5	0 47	15 29	0s 1	18 46	1 37	18 6	0 55	20 43	1 28	20 55	0 34	19 23	0 18	18 5	5 10	6 56	6 53	18 34	2 10	5 23
T 11	6 52	2n19	1 23	13 43	0 54	15 54	0 4	18 48	1 35	18 6	0 55	20 44	1 28	20 55	0 34	19 23	0 18	18 5	5 10	6 56	6 52	18 34	2 11	5 22
W12	7 15	6 19	0 12	14 19	1 1	16 19	0 7	18 50	1 33	18 6	0 55	20 45	1 28	20 55	0 34	19 23	0 18	18 4	5 10	6 56	6 50	18 33	2 13	5 22
T 13	7 37	9 58	0s59	14 55	1 8	16 43	0 9	18 52	1 31	18 5	0 55	20 46	1 28	20 55	0 34	19 23	0 18	18 4	5 11	6 56	6 49	18 33	2 14	5 22
F 14	8 0	13 5	2 5	15 30	1 15	17 7	0 12	18 53	1 28	18 5	0 55	20 47	1 27	20 55	0 34	19 23	0 18	18 4	5 11	6 56	6 48	18 33	2 15	5 22
S 15	8 22	15 34	3 4	16 5	1 22	17 30	0 15	18 55	1 26	18 5	0 55	20 48	1 27	20 55	0 34	19 23	0 18	18 4	5 11	6 56	6 47	18 33	2 16	5 21
S 16	8 44	17 19	3 54	16 38	1 29	17 53	0 18	18 56	1 23	18 4	0 55	20 49	1 27	20 55	0 34	19 23	0 18	18 4	5 11	6 56	6 45	18 33	2 17	5 21
M17	9 6	18 16	4 33	17 11	1 35	18 16	0 21	18 57	1 21	18 4	0 55	20 49	1 27	20 55	0 34	19 23	0 18	18 4	5 11	6 56	6 44	18 33	2 18	5 21
T 18	9 28	18 24	5 0	17 43	1 42	18 38	0 24	18 58	1 18	18 3	0 55	20 50	1 27	20 55	0 34	19 23	0 18	18 4	5 11	6 55	6 43	18 32	2 19	5 21
W19	9 50	17 44	5 15	18 13	1 48	18 59	0 26	18 59	1 16	18 2	0 55	20 51	1 27	20 55	0 34	19 23	0 18	18 4	5 11	6 55	6 42	18 32	2 20	5 20
T 20	10 11	16 18	5 16	18 43	1 54	19 20	0 29	19 0	1 13	18 2	0 55	20 52	1 26	20 55	0 34	19 23	0 18	18 4	5 11	6 55	6 41	18 32	2 21	5 20
F 21	10 33	14 7	5 3	19 12	2 0	19 41	0 32	19 1	1 10	18 1	0 55	20 53	1 26	20 54	0 34	19 23	0 18	18 4	5 11	6 55	6 39	18 32	2 21	5 20
S 22	10 54	11 17	4 36	19 40	2 6	20 1	0 35	19 1	1 7	18 0	0 55	20 54	1 26	20 54	0 34	19 23	0 18	18 4	5 11	6 55	6 38	18 32	2 22	5 19
S 23	11 15	7 53	3 56	20 7	2 11	20 20	0 38	19 1	1 5	17 59	0 54	20 55	1 26	20 54	0 34	19 23	0 18	18 4	5 11	6 56	6 37	18 31	2 23	5 19
M24	11 36	4 1	3 2	20 33	2 17	20 39	0 41	19 2	1 2	17 58	0 54	20 55	1 26	20 54	0 34	19 23	0 18	18 4	5 11	6 56	6 36	18 31	2 24	5 19
T 25	11 57	0s10	1 58	20 57	2 22	20 58	0 43	19 2	0 59	17 57	0 54	20 56	1 26	20 54	0 34	19 23	0 18	18 4	5 11	6 56	6 35	18 31	2 25	5 18
W26	12 17	4 28	0 45	21 21	2 27	21 16	0 46	19 2	0 56	17 56	0 54	20 57	1 26	20 54	0 34	19 23	0 18	18 4	5 11	6 57	6 33	18 31	2 26	5 18
T 27	12 38	8 39	0n33	21 43	2 31	21 33	0 49	19 1	0 53	17 55	0 54	20 58	1 25	20 53	0 34	19 23	0 17	18 4	5 11	6 57	6 32	18 31	2 27	5 18
F 28	12 58	12 26	1 50	22 5	2 35	21 49	0 52	19 1	0 50	17 54	0 54	20 59	1 25	20 53	0 34	19 23	0 17	18 4	5 11	6 56	6 31	18 30	2 28	5 17
S 29	13 18	15 29	3 1	22 25	2 39	22 6	0 54	19 0	0 46	17 53	0 54	21 0	1 25	20 53	0 34	19 23	0 17	18 4	5 11	6 56	6 30	18 30	2 28	5 17
S 30	13 38	17 34	4 1	22 43	2 43	22 21	0 57	19 0	0 43	17 52	0 54	21 1	1 25	20 53	0 34	19 22	0 17	18 4	5 12	6 55	6 28	18 30	2 29	5 17
M31	13s57	18s27	4n45	23s 1	2s46	22s36	1s 0	18n59	0s40	17s50	0s54	21s 1	1n25	20s52	0s34	19s22	0n17	18n 4	5s12	6s54	6s27	18n30	2s30	5n17

Julian Day Number = 2511352.5, Delta T = 131.60 sec
Ecliptic obliquity = 23°24'56, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°01'42, Lahiri = 26°08'43

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2163
geocentric

NOVEMBER 2163 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 40 29	8♏22'09	6♑47	1♐57	9♐11	27°R26	12♒47	13♐52	29♑ 7	2♒11	6°R41	17°R33	16♎23	29♊29	11°R 7	T 1
W 2	2 44 26	9°22'06	21°13	3° 0	10°24	27♉ 7	12°52	13°58	29° 8	2°12	6♋40	17♎31	16°19	29°36	11♓ 5	W 2
T 3	2 48 22	10°22'04	5♒24	4° 0	11°38	26°48	12°56	14° 4	29° 9	2°12	6°40	17°D30	16°16	29°42	11° 4	T 3
F 4	2 52 19	11°22'04	19°17	4°57	12°51	26°28	13° 1	14°11	29°10	2°13	6°39	17°31	16°13	29°49	11° 3	F 4
S 5	2 56 16	12°22'06	2♓52	5°51	14° 5	26° 8	13° 7	14°17	29°12	2°14	6°38	17°32	16°10	29°56	11° 2	S 5
S 6	3 0 12	13°22'09	16°10	6°41	15°18	25°48	13°12	14°23	29°13	2°14	6°38	17°33	16° 7	0♋ 3	11° 1	S 6
M 7	3 4 9	14°22'14	29°13	7°26	16°32	25°27	13°18	14°30	29°15	2°15	6°37	17°35	16° 4	0° 9	11° 0	M 7
T 8	3 8 5	15°22'20	12♈ 2	8° 7	17°45	25° 6	13°23	14°36	29°16	2°16	6°36	17°R36	16° 0	0°16	11° 0	T 8
W 9	3 12 2	16°22'28	24°39	8°43	18°58	24°45	13°29	14°43	29°18	2°17	6°36	17°36	15°57	0°23	10°59	W 9
T 10	3 15 58	17°22'38	7♉ 5	9°12	20°12	24°24	13°35	14°49	29°19	2°18	6°35	17°34	15°54	0°29	10°58	T 10
F 11	3 19 55	18°22'49	19°22	9°35	21°25	24° 2	13°41	14°56	29°21	2°19	6°34	17°31	15°51	0°36	10°58	F 11
S 12	3 23 51	19°23'03	1♊30	9°51	22°38	23°41	13°48	15° 3	29°23	2°20	6°34	17°26	15°48	0°43	10°57	S 12
S 13	3 27 48	20°23'18	13°30	9°R59	23°52	23°19	13°54	15° 9	29°24	2°21	6°33	17°20	15°44	0°50	10°56	S 13
M14	3 31 44	21°23'35	25°26	9°58	25° 5	22°57	14° 1	15°16	29°26	2°22	6°32	17°14	15°41	0°56	10°56	M14
T 15	3 35 41	22°23'53	7♋18	9°49	26°18	22°36	14° 8	15°23	29°28	2°23	6°31	17° 8	15°38	1° 3	10°56	T 15
W16	3 39 38	23°24'14	19° 9	9°29	27°31	22°14	14°15	15°29	29°30	2°24	6°30	17° 2	15°35	1°10	10°55	W16
T 17	3 43 34	24°24'37	1♌ 3	8°59	28°45	21°53	14°22	15°36	29°32	2°25	6°29	16°58	15°32	1°16	10°55	T 17
F 18	3 47 31	25°25'01	13° 3	8°19	29°58	21°32	14°30	15°43	29°34	2°26	6°29	16°55	15°29	1°23	10°55	F 18
S 19	3 51 27	26°25'27	25°15	7°29	1♑11	21°11	14°37	15°50	29°36	2°27	6°28	16°D54	15°25	1°30	10°54	S 19
S 20	3 55 24	27°25'55	7♍42	6°30	2°24	20°51	14°45	15°57	29°38	2°28	6°27	16°54	15°22	1°37	10°54	S 20
M21	3 59 20	28°26'25	20°30	5°22	3°37	20°31	14°52	16° 3	29°40	2°29	6°26	16°56	15°19	1°43	10°D54	M21
T 22	4 3 17	29°26'57	3♎42	4° 7	4°50	20°11	15° 0	16°10	29°42	2°31	6°25	16°57	15°16	1°50	10°54	T 22
W23	4 7 13	0♐27'30	17°22	2°48	6° 3	19°52	15° 8	16°17	29°44	2°32	6°24	16°R58	15°13	1°57	10°54	W23
T 24	4 11 10	1°28'06	1♏30	1°27	7°16	19°33	15°17	16°24	29°46	2°33	6°23	16°57	15°10	2° 3	10°54	T 24
F 25	4 15 7	2°28'43	16° 4	0° 6	8°29	19°14	15°25	16°31	29°49	2°35	6°22	16°54	15° 6	2°10	10°55	F 25
S 26	4 19 3	3°29'21	1♐ 0	28♏48	9°42	18°57	15°34	16°38	29°51	2°36	6°21	16°49	15° 3	2°17	10°55	S 26
S 27	4 23 0	4°30'01	16° 8	27°36	10°55	18°40	15°42	16°45	29°53	2°37	6°20	16°42	15° 0	2°24	10°55	S 27
M28	4 26 56	5°30'43	1♑19	26°32	12° 8	18°23	15°51	16°52	29°56	2°39	6°19	16°34	14°57	2°30	10°56	M28
T 29	4 30 53	6°31'25	16°22	25°37	13°21	18° 7	16° 0	16°59	29°58	2°40	6°18	16°26	14°54	2°37	10°56	T 29
W30	4 34 49	7♐32'09	1♒ 8	24♏53	14♑34	17♉52	16♒ 9	17♐ 6	0♒ 0	2♒42	6♋17	16♎20	14♎50	2♋44	10♓56	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s17	18s 6	5n 9	23s17	2s48	22s50	1s 3	18n58	0s37	17s49	0s54	21s 2	1n25	20s52	0s34	19s22	0n17	18n 4	5s12	6s53	6s26	18n29	2s31	5n16
W 2	14 36	16 34	5 14	23 31	2 50	23 4	1 5	18 57	0 34	17 48	0 54	21 3	1 25	20 52	0 34	19 22	0 17	18 4	5 12	6 52	6 25	18 29	2 31	5 16
T 3	14 55	14 3	5 0	23 44	2 52	23 17	1 8	18 56	0 30	17 46	0 54	21 4	1 24	20 52	0 34	19 22	0 17	18 4	5 12	6 52	6 24	18 29	2 32	5 16
F 4	15 14	10 47	4 28	23 56	2 53	23 29	1 11	18 55	0 27	17 45	0 53	21 5	1 24	20 51	0 34	19 22	0 17	18 4	5 12	6 52	6 22	18 29	2 33	5 15
S 5	15 32	7 0	3 42	24 6	2 53	23 41	1 13	18 53	0 24	17 43	0 53	21 6	1 24	20 51	0 34	19 22	0 17	18 3	5 12	6 52	6 21	18 28	2 34	5 15
S 6	15 50	2 56	2 44	24 14	2 52	23 52	1 16	18 52	0 20	17 41	0 53	21 7	1 24	20 51	0 34	19 22	0 17	18 3	5 12	6 53	6 20	18 28	2 34	5 14
M 7	16 8	1n12	1 39	24 20	2 51	24 2	1 18	18 50	0 17	17 40	0 53	21 8	1 24	20 50	0 34	19 21	0 17	18 3	5 12	6 54	6 19	18 28	2 35	5 14
T 8	16 26	5 13	0 30	24 25	2 49	24 11	1 21	18 48	0 14	17 38	0 53	21 8	1 24	20 50	0 34	19 21	0 17	18 3	5 12	6 54	6 17	18 28	2 36	5 14
W 9	16 43	8 57	0s39	24 27	2 46	24 20	1 23	18 46	0 10	17 36	0 53	21 9	1 24	20 50	0 34	19 21	0 17	18 3	5 12	6 54	6 16	18 27	2 36	5 13
T 10	17 0	12 13	1 45	24 28	2 41	24 28	1 25	18 44	0 7	17 35	0 53	21 10	1 24	20 49	0 34	19 21	0 17	18 3	5 12	6 53	6 15	18 27	2 37	5 13
F 11	17 17	14 54	2 45	24 26	2 36	24 36	1 28	18 42	0 4	17 33	0 53	21 11	1 24	20 49	0 34	19 21	0 17	18 3	5 12	6 52	6 14	18 27	2 37	5 13
S 12	17 33	16 54	3 37	24 22	2 29	24 43	1 30	18 40	0 0	17 31	0 53	21 12	1 23	20 49	0 34	19 21	0 17	18 3	5 12	6 50	6 13	18 27	2 38	5 12
S 13	17 50	18 7	4 19	24 15	2 21	24 49	1 32	18 38	0n 3	17 29	0 53	21 13	1 23	20 48	0 34	19 20	0 17	18 3	5 12	6 48	6 11	18 26	2 38	5 12
M14	18 6	18 32	4 49	24 6	2 12	24 54	1 35	18 36	0 6	17 27	0 53	21 13	1 23	20 48	0 34	19 20	0 17	18 3	5 12	6 46	6 10	18 26	2 39	5 12
T 15	18 21	18 7	5 6	23 54	2 1	24 58	1 37	18 33	0 10	17 25	0 53	21 14	1 23	20 47	0 34	19 20	0 17	18 3	5 12	6 43	6 9	18 26	2 39	5 11
W16	18 36	16 56	5 10	23 38	1 49	25 2	1 39	18 31	0 13	17 23	0 53	21 15	1 23	20 47	0 34	19 20	0 17	18 3	5 12	6 41	6 8	18 26	2 40	5 11
T 17	18 51	15 0	5 1	23 20	1 34	25 5	1 41	18 29	0 16	17 20	0 52	21 16	1 23	20 47	0 34	19 19	0 17	18 3	5 12	6 39	6 6	18 25	2 40	5 11
F 18	19 6	12 25	4 39	22 58	1 19	25 8	1 43	18 26	0 19	17 18	0 52	21 17	1 23	20 46	0 33	19 19	0 17	18 3	5 12	6 38	6 5	18 25	2 41	5 10
S 19	19 20	9 15	4 4	22 33	1 2	25 9	1 45	18 24	0 23	17 16	0 52	21 18	1 23	20 46	0 33	19 19	0 17	18 3	5 12	6 38	6 4	18 25	2 41	5 10
S 20	19 34	5 38	3 17	22 5	0 43	25 10	1 47	18 22	0 26	17 14	0 52	21 18	1 23	20 45	0 33	19 19	0 17	18 3	5 12	6 38	6 3	18 24	2 41	5 10
M21	19 48	1 38	2 19	21 34	0 24	25 10	1 48	18 19	0 29	17 11	0 52	21 19	1 22	20 45	0 33	19 19	0 17	18 4	5 12	6 39	6 2	18 24	2 42	5 9
T 22	20 1	2s34	1 11	21 0	0 3	25 10	1 50	18 17	0 32	17 9	0 52	21 20	1 22	20 44	0 33	19 18	0 17	18 4	5 12	6 39	6 0	18 24	2 42	5 9
W23	20 14	6 47	0n 2	20 25	0n17	25 8	1 52	18 15	0 35	17 6	0 52	21 21	1 22	20 44	0 33	19 18	0 17	18 4	5 12	6 40	5 59	18 24	2 42	5 8
T 24	20 26	10 46	1 18	19 49	0 38	25 6	1 53	18 13	0 38	17 4	0 52	21 22	1 22	20 43	0 33	19 18	0 17	18 4	5 12	6 39	5 58	18 23	2 43	5 8
F 25	20 38	14 14	2 31	19 13	0 57	25 3	1 55	18 10	0 41	17 1	0 52	21 22	1 22	20 43	0 33	19 17	0 17	18 4	5 12	6 38	5 57	18 23	2 43	5 8
S 26	20 50	16 50	3 35	18 38	1 16	25 0	1 56	18 8	0 44	16 59	0 52	21 23	1 22	20 42	0 33	19 17	0 17	18 4	5 13	6 36	5 55	18 23	2 43	5 7
S 27	21 1	18 18	4 25	18 5	1 33	24 55	1 58	18 6	0 46	16 56	0 52	21 24	1 22	20 42	0 33	19 17	0 17	18 4	5 13	6 33	5 54	18 22	2 44	5 7
M28	21 12	18 28	4 56	17 36	1 48	24 50	1 59	18 4	0 49	16 54	0 52	21 25	1 22	20 41	0 33	19 17	0 17	18 4	5 13	6 30	5 53	18 22	2 44	5 7
T 29	21 23	17 20	5 7	17 10	2 2	24 44	2 0	18 2	0 52	16 51	0 52	21 25	1 22	20 41	0 33	19 16	0 17	18 4	5 13	6 27	5 52	18 22	2 44	5 6
W30	21s33	15s 3	4n57	16s49	2n13	24s38	2s 1	18n 1	0n54	16s48	0s52	21s26	1n22	20s40	0s33	19s16	0n17	18n 4	5s13	6s25	5s51	18n21	2s44	5n 6

Julian Day Number = 2511383.5, Delta T = 131.66 sec
Ecliptic obliquity = 23°24'56, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°01'47, Lahiri = 26°08'47

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2163
geocentric

DECEMBER 2163 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 38 46	8♐32'54	15♒33	24°R21	15♑47	17°R38	16♒18	17♐13	0♒ 3	2♒43	6°R16	16°R16	14♎47	2♋50	10♓57	T 1
F 2	4 42 43	9°33'39	29°31	24♏ 0	16°59	17♑24	16°28	17°20	0° 5	2°45	6♋15	16♎13	14°44	2°57	10°58	F 2
S 3	4 46 39	10°34'26	13♓ 5	23°D51	18°12	17°11	16°37	17°27	0° 8	2°46	6°14	16°D13	14°41	3° 4	10°58	S 3
S 4	4 50 36	11°35'13	26°15	23°52	19°25	16°59	16°47	17°34	0°11	2°48	6°13	16°13	14°38	3°11	10°59	S 4
M 5	4 54 32	12°36'02	9♈ 5	24° 4	20°37	16°48	16°56	17°41	0°13	2°49	6°12	16°14	14°35	3°17	11° 0	M 5
T 6	4 58 29	13°36'51	21°39	24°25	21°50	16°37	17° 6	17°48	0°16	2°51	6°11	16°R14	14°31	3°24	11° 1	T 6
W 7	5 2 25	14°37'41	4♉ 0	24°54	23° 3	16°28	17°16	17°56	0°19	2°53	6°10	16°13	14°28	3°31	11° 2	W 7
T 8	5 6 22	15°38'32	16°12	25°32	24°15	16°19	17°26	18° 3	0°21	2°54	6° 9	16° 8	14°25	3°38	11° 2	T 8
F 9	5 10 18	16°39'25	28°16	26°16	25°27	16°11	17°36	18°10	0°24	2°56	6° 7	16° 1	14°22	3°44	11° 4	F 9
S 10	5 14 15	17°40'18	10♊15	27° 6	26°40	16° 4	17°47	18°17	0°27	2°58	6° 6	15°52	14°19	3°51	11° 5	S 10
S 11	5 18 12	18°41'12	22°11	28° 1	27°52	15°57	17°57	18°24	0°30	2°59	6° 5	15°40	14°16	3°58	11° 6	S 11
M12	5 22 8	19°42'07	4♋ 4	29° 1	29° 4	15°52	18° 8	18°31	0°33	3° 1	6° 4	15°27	14°12	4° 4	11° 7	M12
T 13	5 26 5	20°43'03	15°56	0♐ 5	0♒16	15°47	18°18	18°38	0°35	3° 3	6° 3	15°14	14° 9	4°11	11° 8	T 13
W14	5 30 1	21°44'00	27°49	1°13	1°29	15°43	18°29	18°45	0°38	3° 5	6° 2	15° 2	14° 6	4°18	11° 9	W14
T 15	5 33 58	22°44'58	9♌44	2°24	2°41	15°40	18°40	18°52	0°41	3° 7	6° 1	14°52	14° 3	4°25	11°11	T 15
F 16	5 37 54	23°45'57	21°45	3°37	3°53	15°37	18°51	18°59	0°44	3° 9	5°59	14°45	14° 0	4°31	11°12	F 16
S 17	5 41 51	24°46'58	3♍55	4°53	5° 4	15°36	19° 2	19° 6	0°47	3°10	5°58	14°40	13°56	4°38	11°14	S 17
S 18	5 45 47	25°47'59	16°18	6°10	6°16	15°D35	19°13	19°14	0°50	3°12	5°57	14°38	13°53	4°45	11°15	S 18
M19	5 49 44	26°49'01	29° 0	7°30	7°28	15°35	19°24	19°21	0°53	3°14	5°56	14°D38	13°50	4°51	11°17	M19
T 20	5 53 41	27°50'04	12♎ 3	8°51	8°40	15°36	19°36	19°28	0°56	3°16	5°55	14°R38	13°47	4°58	11°18	T 20
W21	5 57 37	28°51'08	25°33	10°13	9°51	15°37	19°47	19°35	1° 0	3°18	5°53	14°38	13°44	5° 5	11°20	W21
T 22	6 1 34	29°52'13	9♏33	11°36	11° 3	15°40	19°59	19°42	1° 3	3°20	5°52	14°35	13°41	5°12	11°22	T 22
F 23	6 5 30	0♑53'19	24° 1	13° 1	12°14	15°43	20°10	19°49	1° 6	3°22	5°51	14°31	13°37	5°18	11°24	F 23
S 24	6 9 27	1°54'25	8♐56	14°26	13°26	15°47	20°22	19°56	1° 9	3°24	5°50	14°23	13°34	5°25	11°26	S 24
S 25	6 13 23	2°55'33	24° 9	15°52	14°37	15°51	20°34	20° 3	1°12	3°26	5°49	14°13	13°31	5°32	11°27	S 25
M26	6 17 20	3°56'41	9♑31	17°19	15°48	15°57	20°46	20°10	1°15	3°28	5°47	14° 2	13°28	5°39	11°29	M26
T 27	6 21 16	4°57'49	24°50	18°46	16°59	16° 3	20°58	20°17	1°19	3°30	5°46	13°50	13°25	5°45	11°31	T 27
W28	6 25 13	5°58'58	9♒54	20°14	18°11	16°10	21°10	20°24	1°22	3°32	5°45	13°40	13°22	5°52	11°33	W28
T 29	6 29 10	7° 0'06	24°35	21°43	19°21	16°17	21°22	20°31	1°25	3°34	5°44	13°32	13°18	5°59	11°36	T 29
F 30	6 33 6	8° 1'15	8♓47	23°12	20°32	16°25	21°34	20°37	1°29	3°36	5°43	13°27	13°15	6° 5	11°38	F 30
S 31	6 37 3	9♑ 2'24	22♓29	24♐42	21♒43	16♑34	21♒47	20♐44	1♒32	3♒38	5♋41	13♎25	13♎12	6♋12	11♓40	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21 s42	11 s53	4n28	16 s33	2n22	24 s31	2 s 3	17n59	0n57	16 s45	0 s52	21 s27	1n22	20 s40	0 s33	19 s16	0n17	18n 4	5 s13	6 s23	5 s49	18n21	2 s44	5n 6
F 2	21 52	8 8	3 44	16 21	2 29	24 23	2 4	17 58	0 59	16 42	0 51	21 28	1 22	20 39	0 33	19 15	0 17	18 4	5 13	6 22	5 48	18 21	2 44	5 5
S 3	22 1	4 3	2 48	16 14	2 33	24 14	2 4	17 56	1 2	16 39	0 51	21 28	1 22	20 39	0 33	19 15	0 17	18 4	5 13	6 22	5 47	18 20	2 44	5 5
S 4	22 9	0n 7	1 45	16 12	2 37	24 5	2 5	17 55	1 4	16 36	0 51	21 29	1 21	20 38	0 33	19 15	0 17	18 4	5 13	6 22	5 46	18 20	2 44	5 4
M 5	22 17	4 11	0 38	16 13	2 38	23 55	2 6	17 54	1 7	16 33	0 51	21 30	1 21	20 37	0 33	19 14	0 17	18 4	5 13	6 23	5 44	18 20	2 44	5 4
T 6	22 25	7 59	0 s29	16 18	2 38	23 44	2 7	17 53	1 9	16 30	0 51	21 30	1 21	20 37	0 33	19 14	0 17	18 4	5 13	6 23	5 43	18 19	2 44	5 4
W 7	22 32	11 22	1 34	16 26	2 37	23 32	2 7	17 53	1 11	16 27	0 51	21 31	1 21	20 36	0 33	19 14	0 17	18 4	5 13	6 22	5 42	18 19	2 44	5 3
T 8	22 39	14 13	2 33	16 38	2 34	23 20	2 8	17 52	1 13	16 24	0 51	21 32	1 21	20 36	0 33	19 13	0 17	18 4	5 13	6 21	5 41	18 19	2 44	5 3
F 9	22 45	16 26	3 25	16 51	2 31	23 8	2 8	17 52	1 15	16 21	0 51	21 33	1 21	20 35	0 33	19 13	0 17	18 4	5 13	6 18	5 39	18 18	2 44	5 3
S 10	22 51	17 54	4 7	17 7	2 27	22 54	2 8	17 51	1 17	16 18	0 51	21 33	1 21	20 34	0 33	19 12	0 17	18 4	5 13	6 14	5 38	18 18	2 44	5 2
S 11	22 56	18 34	4 38	17 24	2 22	22 40	2 9	17 51	1 19	16 15	0 51	21 34	1 21	20 34	0 33	19 12	0 17	18 4	5 12	6 10	5 37	18 18	2 44	5 2
M12	23 1	18 25	4 56	17 42	2 16	22 25	2 9	17 51	1 21	16 11	0 51	21 35	1 21	20 33	0 33	19 12	0 17	18 4	5 12	6 5	5 36	18 17	2 44	5 2
T 13	23 5	17 28	5 2	18 2	2 10	22 10	2 9	17 52	1 22	16 8	0 51	21 35	1 21	20 33	0 33	19 11	0 17	18 4	5 12	6 0	5 35	18 17	2 44	5 1
W14	23 9	15 46	4 55	18 22	2 4	21 54	2 9	17 52	1 24	16 5	0 51	21 36	1 21	20 32	0 33	19 11	0 17	18 5	5 12	5 55	5 33	18 17	2 44	5 1
T 15	23 13	13 23	4 35	18 43	1 57	21 38	2 9	17 53	1 26	16 1	0 51	21 36	1 21	20 31	0 33	19 10	0 17	18 5	5 12	5 51	5 32	18 16	2 44	5 1
F 16	23 16	10 25	4 2	19 3	1 50	21 20	2 8	17 54	1 27	15 58	0 51	21 37	1 21	20 31	0 33	19 10	0 17	18 5	5 12	5 48	5 31	18 16	2 43	5 0
S 17	23 19	6 59	3 18	19 24	1 42	21 3	2 8	17 55	1 29	15 54	0 51	21 38	1 21	20 30	0 33	19 10	0 17	18 5	5 12	5 47	5 30	18 16	2 43	5 0
S 18	23 21	3 11	2 24	19 45	1 35	20 45	2 7	17 56	1 30	15 51	0 51	21 38	1 21	20 29	0 33	19 9	0 17	18 5	5 12	5 46	5 28	18 15	2 43	5 0
M19	23 23	0 s51	1 22	20 6	1 27	20 26	2 7	17 57	1 32	15 47	0 51	21 39	1 21	20 29	0 33	19 9	0 16	18 5	5 12	5 46	5 27	18 15	2 43	4 59
T 20	23 24	4 58	0 14	20 26	1 20	20 6	2 6	17 59	1 33	15 44	0 51	21 40	1 21	20 28	0 33	19 8	0 16	18 5	5 12	5 46	5 26	18 14	2 42	4 59
W21	23 25	8 59	0n58	20 46	1 12	19 46	2 5	18 1	1 35	15 40	0 51	21 40	1 21	20 27	0 33	19 8	0 16	18 5	5 12	5 46	5 25	18 14	2 42	4 59
T 22	23 25	12 38	2 8	21 6	1 4	19 26	2 4	18 2	1 36	15 36	0 50	21 41	1 20	20 27	0 33	19 7	0 16	18 5	5 12	5 45	5 23	18 14	2 42	4 58
F 23	23 25	15 39	3 12	21 24	0 56	19 5	2 3	18 5	1 37	15 33	0 50	21 41	1 20	20 26	0 33	19 7	0 16	18 5	5 12	5 43	5 22	18 13	2 41	4 58
S 24	23 24	17 43	4 6	21 42	0 48	18 44	2 2	18 7	1 38	15 29	0 50	21 42	1 20	20 25	0 33	19 7	0 16	18 5	5 12	5 40	5 21	18 13	2 41	4 58
S 25	23 23	18 35	4 43	22 0	0 41	18 22	2 1	18 9	1 39	15 25	0 50	21 42	1 20	20 24	0 33	19 6	0 16	18 5	5 12	5 36	5 20	18 13	2 40	4 57
M26	23 21	18 6	5 0	22 16	0 33	17 59	2 0	18 12	1 40	15 21	0 50	21 43	1 20	20 24	0 33	19 6	0 16	18 6	5 12	5 32	5 19	18 12	2 40	4 57
T 27	23 19	16 18	4 55	22 31	0 25	17 36	1 58	18 15	1 41	15 17	0 50	21 43	1 20	20 23	0 33	19 5	0 16	18 6	5 12	5 27	5 17	18 12	2 40	4 57
W28	23 17	13 25	4 30	22 46	0 18	17 13	1 57	18 17	1 42	15 13	0 50	21 44	1 20	20 22	0 33	19 5	0 16	18 6	5 12	5 23	5 16	18 11	2 39	4 56
T 29	23 14	9 44	3 47	22 59	0 10	16 49	1 55	18 20	1 43	15 9	0 50	21 44	1 20	20 22	0 33	19 4	0 16	18 6	5 12	5 20	5 15	18 11	2 39	4 56
F 30	23 10	5 37	2 52	23 12	0 3	16 25	1 53	18 24	1 44	15 6	0 50	21 45	1 20	20 21	0 33	19 4	0 16	18 6	5 12	5 18	5 14	18 11	2 38	4 56
S 31	23 s 6	1 s19	1n48	23 s23	0 s 5	16 s 1	1 s51	18n27	1n45	15 s 1	0 s50	21 s45	1n20	20 s20	0 s33	19 s 3	0n16	18n 6	5 s12	5 s17	5 s12	18n10	2 s38	4n55

Julian Day Number = 2511413.5, Delta T = 131.72 sec
Ecliptic obliquity = 23°24'55, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°01'51, Lahiri = 26°08'51

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2164
geocentric

JANUARY 2164 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 40 59	10♑ 3'33	5♈43	26♐11	22♒54	16♉43	21♒59	20♐51	1♒35	3♒41	5°R40	13°R24	13♎ 9	6♋19	11♓42	S 1
M 2	6 44 56	11° 4'41	18°32	27°42	24° 4	16°54	22°12	20°58	1°39	3°43	5♋39	13♎24	13° 6	6°26	11°44	M 2
T 3	6 48 52	12° 5'50	1♉ 2	29°12	25°14	17° 4	22°24	21° 5	1°42	3°45	5°38	13°23	13° 2	6°32	11°47	T 3
W 4	6 52 49	13° 6'58	13°16	0♑43	26°25	17°16	22°37	21°12	1°45	3°47	5°37	13°21	12°59	6°39	11°49	W 4
T 5	6 56 45	14° 8'06	25°19	2°15	27°35	17°28	22°50	21°18	1°49	3°49	5°35	13°15	12°56	6°46	11°52	T 5
F 6	7 0 42	15° 9'15	7♊16	3°47	28°45	17°40	23° 2	21°25	1°52	3°51	5°34	13° 7	12°53	6°53	11°54	F 6
S 7	7 4 39	16°10'23	19° 9	5°19	29°55	17°53	23°15	21°32	1°56	3°54	5°33	12°56	12°50	6°59	11°57	S 7
S 8	7 8 35	17°11'31	1♋ 2	6°51	1♓ 4	18° 7	23°28	21°38	1°59	3°56	5°32	12°42	12°47	7° 6	11°59	S 8
M 9	7 12 32	18°12'38	12°54	8°24	2°14	18°21	23°41	21°45	2° 2	3°58	5°31	12°27	12°43	7°13	12° 2	M 9
T 10	7 16 28	19°13'46	24°49	9°58	3°23	18°36	23°54	21°52	2° 6	4° 0	5°29	12°12	12°40	7°19	12° 5	T 10
W11	7 20 25	20°14'54	6♌46	11°31	4°33	18°51	24° 7	21°58	2° 9	4° 2	5°28	11°58	12°37	7°26	12° 7	W11
T 12	7 24 21	21°16'01	18°48	13° 5	5°42	19° 7	24°21	22° 5	2°13	4° 5	5°27	11°46	12°34	7°33	12°10	T 12
F 13	7 28 18	22°17'08	0♍56	14°40	6°51	19°23	24°34	22°11	2°16	4° 7	5°26	11°37	12°31	7°40	12°13	F 13
S 14	7 32 14	23°18'16	13°12	16°15	8° 0	19°40	24°47	22°18	2°20	4° 9	5°25	11°31	12°28	7°46	12°16	S 14
S 15	7 36 11	24°19'23	25°39	17°50	9° 8	19°57	25° 0	22°24	2°23	4°11	5°24	11°28	12°24	7°53	12°19	S 15
M16	7 40 8	25°20'30	8♎20	19°26	10°17	20°15	25°14	22°30	2°27	4°14	5°23	11°D27	12°21	8° 0	12°21	M16
T 17	7 44 4	26°21'37	21°20	21° 2	11°25	20°33	25°27	22°37	2°30	4°16	5°21	11°R27	12°18	8° 6	12°24	T 17
W18	7 48 1	27°22'44	4♏41	22°39	12°33	20°52	25°41	22°43	2°34	4°18	5°20	11°27	12°15	8°13	12°27	W18
T 19	7 51 57	28°23'51	18°28	24°16	13°41	21°11	25°54	22°49	2°37	4°20	5°19	11°26	12°12	8°20	12°30	T 19
F 20	7 55 54	29°24'58	2♐42	25°54	14°48	21°30	26° 8	22°55	2°41	4°23	5°18	11°22	12° 8	8°27	12°33	F 20
S 21	7 59 50	0♒26'04	17°21	27°32	15°56	21°50	26°22	23° 2	2°44	4°25	5°17	11°15	12° 5	8°33	12°37	S 21
S 22	8 3 47	1°27'10	2♑20	29°11	17° 3	22°10	26°35	23° 8	2°48	4°27	5°16	11° 6	12° 2	8°40	12°40	S 22
M23	8 7 43	2°28'16	17°33	0♒51	18°10	22°31	26°49	23°14	2°52	4°29	5°15	10°56	11°59	8°47	12°43	M23
T 24	8 11 40	3°29'22	2♒47	2°31	19°17	22°52	27° 3	23°20	2°55	4°32	5°14	10°45	11°56	8°54	12°46	T 24
W25	8 15 37	4°30'26	17°53	4°11	20°24	23°13	27°17	23°26	2°59	4°34	5°13	10°36	11°53	9° 0	12°49	W25
T 26	8 19 33	5°31'30	2♓40	5°52	21°30	23°35	27°31	23°32	3° 2	4°36	5°12	10°28	11°49	9° 7	12°53	T 26
F 27	8 23 30	6°32'33	17° 1	7°34	22°36	23°57	27°44	23°37	3° 6	4°39	5°11	10°23	11°46	9°14	12°56	F 27
S 28	8 27 26	7°33'35	0♈53	9°16	23°42	24°20	27°58	23°43	3° 9	4°41	5°10	10°21	11°43	9°20	12°59	S 28
S 29	8 31 23	8°34'36	14°16	10°59	24°48	24°42	28°12	23°49	3°13	4°43	5° 9	10°D21	11°40	9°27	13° 3	S 29
M30	8 35 19	9°35'36	27°13	12°43	25°53	25° 6	28°26	23°55	3°16	4°45	5° 8	10°21	11°37	9°34	13° 6	M30
T 31	8 39 16	10♒36'34	9♉46	14♒27	26♓58	25♉29	28♒41	24♐ 0	3♒20	4♒48	5♋ 7	10°R22	11♎34	9♋41	13♓ 9	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s 2	2n53	0n41	23s34	0s12	15s36	1s49	18n31	1n46	14s57	0s50	21s46	1n20	20s19	0s33	19s 3	0n16	18n 6	5s12	5s17	5s11	18n10	2s37	4n55
M 2	22 57	6 50	0s27	23 43	0 19	15 10	1 47	18 34	1 47	14 53	0 50	21 46	1 20	20 19	0 33	19 2	0 16	18 6	5 12	5 17	5 10	18 9	2 36	4 55
T 3	22 52	10 23	1 32	23 51	0 26	14 45	1 45	18 38	1 47	14 49	0 50	21 47	1 20	20 18	0 33	19 2	0 16	18 6	5 12	5 17	5 9	18 9	2 36	4 54
W 4	22 46	13 24	2 31	23 57	0 33	14 19	1 43	18 42	1 48	14 45	0 50	21 47	1 20	20 17	0 33	19 1	0 16	18 7	5 11	5 16	5 7	18 8	2 35	4 54
T 5	22 40	15 48	3 22	24 3	0 39	13 52	1 40	18 46	1 49	14 41	0 50	21 48	1 20	20 16	0 33	19 1	0 16	18 7	5 11	5 14	5 6	18 8	2 35	4 54
F 6	22 33	17 30	4 4	24 7	0 46	13 26	1 38	18 50	1 49	14 37	0 50	21 48	1 20	20 16	0 33	19 0	0 16	18 7	5 11	5 10	5 5	18 8	2 34	4 54
S 7	22 26	18 25	4 34	24 10	0 52	12 59	1 35	18 54	1 50	14 33	0 50	21 49	1 20	20 15	0 33	19 0	0 16	18 7	5 11	5 6	5 4	18 7	2 33	4 53
S 8	22 19	18 31	4 53	24 12	0 58	12 31	1 33	18 59	1 51	14 28	0 50	21 49	1 20	20 14	0 33	18 59	0 16	18 7	5 11	5 1	5 3	18 7	2 32	4 53
M 9	22 11	17 50	4 59	24 13	1 4	12 4	1 30	19 3	1 51	14 24	0 50	21 50	1 20	20 13	0 33	18 59	0 16	18 7	5 11	4 55	5 1	18 6	2 32	4 53
T 10	22 2	16 21	4 52	24 12	1 9	11 36	1 27	19 8	1 52	14 20	0 50	21 50	1 20	20 12	0 33	18 58	0 16	18 7	5 11	4 49	5 0	18 6	2 31	4 52
W11	21 53	14 10	4 32	24 10	1 15	11 8	1 24	19 13	1 52	14 15	0 50	21 50	1 20	20 12	0 33	18 58	0 16	18 7	5 11	4 44	4 59	18 5	2 30	4 52
T 12	21 44	11 22	4 0	24 6	1 20	10 40	1 20	19 17	1 53	14 11	0 50	21 51	1 20	20 11	0 33	18 57	0 16	18 8	5 11	4 39	4 58	18 5	2 29	4 52
F 13	21 34	8 4	3 17	24 1	1 25	10 11	1 17	19 22	1 53	14 6	0 50	21 51	1 20	20 10	0 33	18 57	0 16	18 8	5 11	4 35	4 56	18 5	2 29	4 52
S 14	21 24	4 23	2 24	23 55	1 30	9 42	1 14	19 27	1 53	14 2	0 50	21 51	1 20	20 9	0 33	18 56	0 16	18 8	5 11	4 33	4 55	18 4	2 28	4 51
S 15	21 14	0 28	1 23	23 47	1 34	9 13	1 10	19 32	1 54	13 58	0 50	21 52	1 20	20 9	0 33	18 56	0 16	18 8	5 11	4 32	4 54	18 4	2 27	4 51
M16	21 3	3s33	0 17	23 38	1 39	8 44	1 6	19 37	1 54	13 53	0 50	21 52	1 20	20 8	0 33	18 55	0 16	18 8	5 11	4 32	4 53	18 3	2 26	4 51
T 17	20 52	7 30	0n52	23 28	1 43	8 15	1 3	19 43	1 54	13 49	0 50	21 53	1 20	20 7	0 33	18 55	0 16	18 8	5 10	4 32	4 51	18 3	2 25	4 50
W18	20 40	11 11	2 0	23 16	1 46	7 45	0 59	19 48	1 55	13 44	0 50	21 53	1 20	20 6	0 33	18 54	0 16	18 8	5 10	4 32	4 50	18 2	2 24	4 50
T 19	20 28	14 23	3 3	23 2	1 50	7 15	0 55	19 53	1 55	13 39	0 50	21 53	1 20	20 5	0 33	18 54	0 16	18 9	5 10	4 31	4 49	18 2	2 23	4 50
F 20	20 15	16 49	3 57	22 48	1 53	6 45	0 51	19 59	1 55	13 35	0 50	21 53	1 20	20 5	0 33	18 53	0 16	18 9	5 10	4 29	4 48	18 1	2 23	4 50
S 21	20 2	18 14	4 37	22 31	1 56	6 15	0 47	20 4	1 56	13 30	0 50	21 54	1 20	20 4	0 33	18 53	0 16	18 9	5 10	4 27	4 46	18 1	2 22	4 49
S 22	19 49	18 25	4 59	22 14	1 58	5 45	0 42	20 10	1 56	13 25	0 50	21 54	1 20	20 3	0 33	18 52	0 16	18 9	5 10	4 23	4 45	18 0	2 21	4 49
M23	19 35	17 18	5 0	21 54	2 0	5 15	0 38	20 15	1 56	13 21	0 50	21 54	1 20	20 2	0 33	18 52	0 16	18 9	5 10	4 19	4 44	18 0	2 20	4 49
T 24	19 21	14 58	4 40	21 34	2 2	4 45	0 33	20 21	1 56	13 16	0 50	21 55	1 20	20 1	0 33	18 51	0 16	18 9	5 10	4 15	4 43	17 59	2 19	4 49
W25	19 7	11 38	4 1	21 11	2 3	4 14	0 29	20 26	1 56	13 11	0 50	21 55	1 20	20 0	0 33	18 51	0 16	18 9	5 10	4 11	4 41	17 59	2 18	4 49
T 26	18 52	7 37	3 6	20 48	2 5	3 44	0 24	20 32	1 57	13 7	0 50	21 55	1 20	20 0	0 33	18 50	0 16	18 10	5 9	4 8	4 40	17 58	2 17	4 48
F 27	18 37	3 16	2 1	20 23	2 5	3 13	0 19	20 38	1 57	13 2	0 50	21 55	1 20	19 59	0 33	18 49	0 16	18 10	5 9	4 7	4 39	17 58	2 16	4 48
S 28	18 22	1n 7	0 50	19 56	2 5	2 43	0 14	20 43	1 57	12 57	0 50	21 56	1 20	19 58	0 33	18 49	0 16	18 10	5 9	4 6	4 38	17 57	2 14	4 48
S 29	18 6	5 18	0s21	19 28	2 5	2 12	0 9	20 49	1 57	12 52	0 50	21 56	1 20	19 57	0 33	18 48	0 16	18 10	5 9	4 5	4 37	17 57	2 13	4 48
M30	17 50	9 5	1 29	18 58	2 5	1 42	0 4	20 55	1 57	12 47	0 50	21 56	1 20	19 56	0 33	18 48	0 16	18 10	5 9	4 6	4 35	17 56	2 12	4 47
T 31	17s34	12n21	2s30	18s27	2s 3	1s11	0n 1	21n 0	1n57	12s42	0s50	21s56	1n20	19s56	0s33	18s47	0n16	18n10	5s 9	4s 6	4s34	17n56	2s11	4n47

Julian Day Number = 2511444.5, Delta T = 131.79 sec
Ecliptic obliquity = 23°24'55, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°01'55, Lahiri = 26°08'56

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2164
geocentric

FEBRUARY 2164 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 43 12	11♒37'32	22♉ 2	16♒11	28♓ 3	25♉53	28♒55	24♐ 6	3♒23	4♒50	5°R 6	10°R21	11♎30	9♋47	13♓13	W 1
T 2	8 47 9	12°38'28	4♊ 5	17°56	29° 8	26°17	29° 9	24°11	3°27	4°52	5♋ 5	10♎18	11°27	9°54	13°16	T 2
F 3	8 51 6	13°39'23	16° 0	19°42	0♈12	26°41	29°23	24°17	3°30	4°54	5° 4	10°13	11°24	10° 1	13°20	F 3
S 4	8 55 2	14°40'17	27°51	21°28	1°16	27° 6	29°37	24°22	3°34	4°57	5° 3	10° 6	11°21	10° 7	13°23	S 4
S 5	8 58 59	15°41'10	9♋42	23°14	2°19	27°31	29°51	24°27	3°37	4°59	5° 2	9°57	11°18	10°14	13°27	S 5
M 6	9 2 55	16°42'02	21°36	25° 1	3°22	27°56	0♓ 5	24°33	3°41	5° 1	5° 1	9°46	11°14	10°21	13°30	M 6
T 7	9 6 52	17°42'52	3♌35	26°47	4°25	28°22	0°20	24°38	3°44	5° 3	5° 0	9°35	11°11	10°28	13°34	T 7
W 8	9 10 48	18°43'41	15°40	28°34	5°28	28°47	0°34	24°43	3°48	5° 6	5° 0	9°25	11° 8	10°34	13°38	W 8
T 9	9 14 45	19°44'29	27°52	0♓21	6°30	29°13	0°48	24°48	3°51	5° 8	4°59	9°17	11° 5	10°41	13°41	T 9
F 10	9 18 41	20°45'16	10♍13	2° 7	7°32	29°39	1° 3	24°53	3°54	5°10	4°58	9°11	11° 2	10°48	13°45	F 10
S 11	9 22 38	21°46'01	22°43	3°53	8°33	0♊ 6	1°17	24°58	3°58	5°12	4°57	9° 7	10°59	10°55	13°49	S 11
S 12	9 26 35	22°46'46	5♎24	5°37	9°34	0°33	1°31	25° 3	4° 1	5°15	4°56	9°D 6	10°55	11° 1	13°52	S 12
M13	9 30 31	23°47'29	18°17	7°21	10°34	0°59	1°46	25° 7	4° 5	5°17	4°56	9° 6	10°52	11° 8	13°56	M13
T 14	9 34 28	24°48'11	1♏24	9° 4	11°34	1°27	2° 0	25°12	4° 8	5°19	4°55	9° 7	10°49	11°15	14° 0	T 14
W15	9 38 24	25°48'53	14°48	10°44	12°34	1°54	2°14	25°17	4°11	5°21	4°54	9° 8	10°46	11°21	14° 3	W15
T 16	9 42 21	26°49'33	28°30	12°22	13°33	2°22	2°29	25°21	4°15	5°23	4°54	9°R 9	10°43	11°28	14° 7	T 16
F 17	9 46 17	27°50'12	12♐32	13°58	14°32	2°49	2°43	25°26	4°18	5°25	4°53	9° 8	10°40	11°35	14°11	F 17
S 18	9 50 14	28°50'50	26°53	15°30	15°30	3°17	2°57	25°30	4°21	5°28	4°52	9° 5	10°36	11°42	14°15	S 18
S 19	9 54 10	29°51'28	11♑30	16°58	16°27	3°45	3°12	25°35	4°25	5°30	4°52	9° 1	10°33	11°48	14°19	S 19
M20	9 58 7	0♓52'03	26°18	18°22	17°24	4°14	3°26	25°39	4°28	5°32	4°51	8°55	10°30	11°55	14°22	M20
T 21	10 2 4	1°52'38	11♒10	19°40	18°21	4°42	3°41	25°43	4°31	5°34	4°50	8°49	10°27	12° 2	14°26	T 21
W22	10 6 0	2°53'11	25°58	20°53	19°17	5°11	3°55	25°47	4°34	5°36	4°50	8°44	10°24	12° 9	14°30	W22
T 23	10 9 57	3°53'42	10♓33	21°58	20°12	5°40	4°10	25°51	4°38	5°38	4°49	8°40	10°20	12°15	14°34	T 23
F 24	10 13 53	4°54'12	24°50	22°57	21° 7	6° 9	4°24	25°55	4°41	5°40	4°49	8°37	10°17	12°22	14°38	F 24
S 25	10 17 50	5°54'40	8♈42	23°48	22° 1	6°38	4°38	25°59	4°44	5°42	4°48	8°D36	10°14	12°29	14°42	S 25
S 26	10 21 46	6°55'07	22° 9	24°30	22°55	7° 8	4°53	26° 3	4°47	5°44	4°48	8°37	10°11	12°35	14°45	S 26
M27	10 25 43	7°55'31	5♉11	25° 3	23°48	7°37	5° 7	26° 6	4°50	5°46	4°47	8°38	10° 8	12°42	14°49	M27
T 28	10 29 39	8°55'54	17°51	25°27	24°40	8° 7	5°22	26°10	4°53	5°48	4°47	8°40	10° 5	12°49	14°53	T 28
W29	10 33 36	9♓56'14	0♊11	25♓41	25♈31	8♊37	5♓36	26♐13	4♒56	5♒50	4♋46	8♎42	10♎ 1	12♋56	14♓57	W29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17s17	14n59	3s24	17s54	2s 2	0s40	0n 6	21n 6	1n57	12s38	0s50	21s57	1n21	19s55	0s33	18s47	0n16	18n11	5s 9	4s 6	4s33	17n55	2s10	4n47
T 2	17 0	16 54	4 7	17 20	2 0	0 10	0 12	21 12	1 57	12 33	0 50	21 57	1 21	19 54	0 33	18 46	0 16	18 11	5 9	4 5	4 32	17 55	2 9	4 47
F 3	16 43	18 4	4 39	16 45	1 57	0n21	0 17	21 18	1 57	12 28	0 50	21 57	1 21	19 53	0 33	18 46	0 16	18 11	5 8	4 3	4 30	17 54	2 8	4 47
S 4	16 25	18 26	4 58	16 8	1 54	0 51	0 23	21 24	1 57	12 23	0 50	21 57	1 21	19 52	0 33	18 45	0 16	18 11	5 8	4 0	4 29	17 54	2 7	4 47
S 5	16 7	17 59	5 5	15 30	1 50	1 22	0 29	21 29	1 57	12 18	0 50	21 57	1 21	19 52	0 33	18 45	0 16	18 11	5 8	3 56	4 28	17 53	2 5	4 46
M 6	15 49	16 46	4 59	14 50	1 46	1 52	0 35	21 35	1 57	12 13	0 50	21 58	1 21	19 51	0 33	18 44	0 16	18 11	5 8	3 52	4 27	17 53	2 4	4 46
T 7	15 31	14 48	4 39	14 9	1 41	2 22	0 40	21 41	1 57	12 8	0 50	21 58	1 21	19 50	0 33	18 44	0 16	18 11	5 8	3 48	4 25	17 52	2 3	4 46
W 8	15 12	12 11	4 7	13 27	1 35	2 53	0 46	21 47	1 57	12 3	0 50	21 58	1 21	19 49	0 33	18 43	0 16	18 12	5 8	3 44	4 24	17 52	2 2	4 46
T 9	14 53	9 1	3 23	12 44	1 29	3 23	0 52	21 52	1 57	11 58	0 50	21 58	1 21	19 48	0 33	18 43	0 16	18 12	5 8	3 41	4 23	17 51	2 1	4 46
F 10	14 34	5 26	2 29	12 0	1 22	3 53	0 59	21 58	1 57	11 53	0 51	21 58	1 21	19 48	0 33	18 42	0 16	18 12	5 8	3 38	4 22	17 51	1 59	4 45
S 11	14 14	1 33	1 27	11 14	1 15	4 23	1 5	22 4	1 57	11 48	0 51	21 58	1 21	19 47	0 33	18 42	0 16	18 12	5 7	3 37	4 20	17 50	1 58	4 45
S 12	13 55	2s27	0 20	10 28	1 6	4 53	1 11	22 9	1 57	11 43	0 51	21 58	1 21	19 46	0 33	18 41	0 16	18 12	5 7	3 36	4 19	17 50	1 57	4 45
M13	13 35	6 24	0n50	9 41	0 57	5 22	1 18	22 15	1 57	11 38	0 51	21 59	1 21	19 45	0 33	18 40	0 16	18 13	5 7	3 36	4 18	17 49	1 56	4 45
T 14	13 14	10 6	1 58	8 54	0 48	5 52	1 24	22 20	1 57	11 33	0 51	21 59	1 21	19 44	0 33	18 40	0 16	18 13	5 7	3 37	4 17	17 49	1 54	4 45
W15	12 54	13 22	3 1	8 6	0 37	6 21	1 31	22 26	1 57	11 27	0 51	21 59	1 21	19 44	0 33	18 39	0 16	18 13	5 7	3 37	4 15	17 48	1 53	4 45
T 16	12 34	15 58	3 56	7 19	0 26	6 50	1 37	22 31	1 57	11 22	0 51	21 59	1 21	19 43	0 33	18 39	0 16	18 13	5 7	3 37	4 14	17 48	1 52	4 45
F 17	12 13	17 41	4 37	6 31	0 14	7 19	1 44	22 37	1 57	11 17	0 51	21 59	1 21	19 42	0 33	18 38	0 16	18 13	5 7	3 37	4 13	17 47	1 50	4 44
S 18	11 52	18 20	5 3	5 44	0 2	7 48	1 51	22 42	1 57	11 12	0 51	21 59	1 21	19 41	0 33	18 38	0 16	18 13	5 6	3 36	4 12	17 47	1 49	4 44
S 19	11 31	17 46	5 10	4 58	0n11	8 16	1 57	22 47	1 56	11 7	0 51	21 59	1 21	19 41	0 33	18 37	0 16	18 14	5 6	3 34	4 10	17 46	1 48	4 44
M20	11 9	16 1	4 56	4 13	0 25	8 45	2 4	22 52	1 56	11 2	0 51	21 59	1 21	19 40	0 33	18 37	0 16	18 14	5 6	3 32	4 9	17 45	1 46	4 44
T 21	10 48	13 12	4 22	3 29	0 39	9 13	2 11	22 58	1 56	10 56	0 51	21 59	1 21	19 39	0 33	18 36	0 16	18 14	5 6	3 30	4 8	17 45	1 45	4 44
W22	10 26	9 32	3 31	2 47	0 54	9 40	2 18	23 3	1 56	10 51	0 51	21 59	1 21	19 38	0 33	18 36	0 16	18 14	5 6	3 27	4 7	17 44	1 44	4 44
T 23	10 4	5 20	2 27	2 7	1 9	10 8	2 25	23 8	1 56	10 46	0 51	22 0	1 22	19 38	0 33	18 35	0 16	18 14	5 6	3 26	4 5	17 44	1 42	4 44
F 24	9 42	0 55	1 15	1 30	1 24	10 35	2 32	23 13	1 56	10 41	0 51	22 0	1 22	19 37	0 33	18 35	0 16	18 14	5 5	3 25	4 4	17 43	1 41	4 44
S 25	9 20	3n26	0s 1	0 57	1 39	11 2	2 40	23 18	1 56	10 36	0 51	22 0	1 22	19 36	0 33	18 34	0 16	18 15	5 5	3 25	4 3	17 43	1 40	4 44
S 26	8 58	7 29	1 13	0 26	1 54	11 29	2 47	23 22	1 55	10 30	0 51	22 0	1 22	19 35	0 33	18 34	0 16	18 15	5 5	3 25	4 2	17 42	1 38	4 43
M27	8 35	11 2	2 20	0n 1	2 9	11 55	2 54	23 27	1 55	10 25	0 51	22 0	1 22	19 35	0 33	18 33	0 16	18 15	5 5	3 25	4 0	17 42	1 37	4 43
T 28	8 13	13 57	3 18	0 23	2 24	12 21	3 2	23 32	1 55	10 20	0 51	22 0	1 22	19 34	0 33	18 33	0 16	18 15	5 5	3 26	3 59	17 41	1 35	4 43
W29	7s50	16n10	4s 6	0n42	2n37	12n47	3n 9	23n37	1n55	10s15	0s52	22s 0	1n22	19s33	0s33	18s32	0n16	18n15	5s 5	3s27	3s58	17n40	1s34	4n43

Julian Day Number = 2511475.5, Delta T = 131.85 sec
Ecliptic obliquity = 23°24'55, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°01'59, Lahiri = 26°09'00

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2164
geocentric

MARCH 2164 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 37 33	10♓56'33	12♊18	25°R45	26♈22	9♊ 7	5♓51	26♐17	4♒59	5♒52	4°R46	8°R42	9♎58	13♋ 2	15♓ 1	T 1
F 2	10 41 29	11°56'50	24°15	25♓40	27°11	9°37	6° 5	26°20	5° 2	5°54	4♋46	8♎41	9°55	13° 9	15° 5	F 2
S 3	10 45 26	12°57'05	6♋ 7	25°25	28° 0	10° 8	6°19	26°23	5° 5	5°56	4°45	8°39	9°52	13°16	15° 9	S 3
S 4	10 49 22	13°57'18	17°59	25° 1	28°48	10°38	6°34	26°27	5° 8	5°58	4°45	8°36	9°49	13°22	15°13	S 4
M 5	10 53 19	14°57'28	29°55	24°29	29°35	11° 9	6°48	26°30	5°11	6° 0	4°45	8°32	9°45	13°29	15°17	M 5
T 6	10 57 15	15°57'37	11♌58	23°49	0♉22	11°40	7° 3	26°33	5°14	6° 2	4°44	8°28	9°42	13°36	15°20	T 6
W 7	11 1 12	16°57'44	24°10	23° 2	1° 7	12°10	7°17	26°36	5°17	6° 3	4°44	8°25	9°39	13°43	15°24	W 7
T 8	11 5 8	17°57'49	6♍34	22°10	1°51	12°41	7°31	26°38	5°20	6° 5	4°44	8°22	9°36	13°49	15°28	T 8
F 9	11 9 5	18°57'52	19°10	21°14	2°34	13°12	7°45	26°41	5°23	6° 7	4°43	8°20	9°33	13°56	15°32	F 9
S 10	11 13 1	19°57'53	1♎59	20°15	3°16	13°44	8° 0	26°44	5°25	6° 9	4°43	8°D19	9°30	14° 3	15°36	S 10
S 11	11 16 58	20°57'52	15° 1	19°14	3°57	14°15	8°14	26°46	5°28	6°11	4°43	8°19	9°26	14°10	15°40	S 11
M12	11 20 55	21°57'49	28°16	18°14	4°37	14°47	8°28	26°49	5°31	6°12	4°43	8°19	9°23	14°16	15°44	M12
T 13	11 24 51	22°57'45	11♏44	17°16	5°16	15°18	8°42	26°51	5°33	6°14	4°43	8°21	9°20	14°23	15°48	T 13
W14	11 28 48	23°57'39	25°24	16°20	5°53	15°50	8°57	26°53	5°36	6°16	4°43	8°22	9°17	14°30	15°51	W14
T 15	11 32 44	24°57'32	9♐15	15°27	6°29	16°22	9°11	26°55	5°39	6°17	4°43	8°23	9°14	14°36	15°55	T 15
F 16	11 36 41	25°57'23	23°17	14°39	7° 4	16°53	9°25	26°57	5°41	6°19	4°43	8°R23	9°11	14°43	15°59	F 16
S 17	11 40 37	26°57'12	7♑28	13°56	7°37	17°25	9°39	26°59	5°44	6°21	4°42	8°23	9° 7	14°50	16° 3	S 17
S 18	11 44 34	27°57'00	21°47	13°19	8° 9	17°58	9°53	27° 1	5°46	6°22	4°D42	8°22	9° 4	14°57	16° 7	S 18
M19	11 48 30	28°56'46	6♒10	12°48	8°39	18°30	10° 7	27° 3	5°49	6°24	4°42	8°21	9° 1	15° 3	16°11	M19
T 20	11 52 27	29°56'30	20°33	12°23	9° 8	19° 2	10°21	27° 5	5°51	6°25	4°42	8°20	8°58	15°10	16°14	T 20
W21	11 56 24	0♈56'12	4♓52	12° 5	9°35	19°34	10°35	27° 6	5°54	6°27	4°43	8°19	8°55	15°17	16°18	W21
T 22	12 0 20	1°55'52	19° 2	11°52	10° 0	20° 7	10°49	27° 8	5°56	6°28	4°43	8°19	8°51	15°23	16°22	T 22
F 23	12 4 17	2°55'31	2♈58	11°46	10°24	20°39	11° 3	27° 9	5°58	6°30	4°43	8°D18	8°48	15°30	16°26	F 23
S 24	12 8 13	3°55'07	16°37	11°D46	10°45	21°12	11°17	27°10	6° 0	6°31	4°43	8°18	8°45	15°37	16°30	S 24
S 25	12 12 10	4°54'42	29°57	11°52	11° 5	21°45	11°31	27°12	6° 3	6°33	4°43	8°19	8°42	15°44	16°33	S 25
M26	12 16 6	5°54'14	12♉56	12° 3	11°23	22°18	11°45	27°13	6° 5	6°34	4°43	8°19	8°39	15°50	16°37	M26
T 27	12 20 3	6°53'44	25°37	12°20	11°39	22°51	11°59	27°14	6° 7	6°35	4°43	8°19	8°36	15°57	16°41	T 27
W28	12 23 59	7°53'12	8♊ 0	12°41	11°53	23°24	12°12	27°15	6° 9	6°37	4°44	8°R19	8°32	16° 4	16°44	W28
T 29	12 27 56	8°52'38	20° 9	13° 7	12° 5	23°57	12°26	27°15	6°11	6°38	4°44	8°19	8°29	16°11	16°48	T 29
F 30	12 31 53	9°52'01	2♋ 9	13°38	12°14	24°30	12°40	27°16	6°13	6°39	4°44	8°19	8°26	16°17	16°52	F 30
S 31	12 35 49	10♈51'22	14♋ 3	14♓13	12♉22	25♊ 3	12♓53	27♐17	6♒15	6♒41	4♋44	8°D19	8♎23	16♋24	16♓55	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s27	17n36	4s41	0n55	2n50	13n13	3n16	23n41	1n55	10s10	0s52	22s 0	1n22	19s33	0s33	18s32	0n16	18n15	5s 5	3s27	3s57	17n40	1s33	4n43
F 2	7 4	18 14	5 4	1 4	3 2	13 38	3 24	23 45	1 54	10 4	0 52	22 0	1 22	19 32	0 33	18 31	0 16	18 16	5 4	3 26	3 55	17 39	1 31	4 43
S 3	6 41	18 3	5 13	1 8	3 13	14 2	3 31	23 50	1 54	9 59	0 52	22 0	1 22	19 31	0 34	18 31	0 16	18 16	5 4	3 26	3 54	17 39	1 30	4 43
S 4	6 18	17 6	5 10	1 7	3 22	14 27	3 39	23 54	1 54	9 54	0 52	22 0	1 22	19 30	0 34	18 31	0 16	18 16	5 4	3 24	3 53	17 38	1 28	4 43
M 5	5 55	15 23	4 52	1 1	3 29	14 51	3 46	23 58	1 54	9 49	0 52	22 0	1 22	19 30	0 34	18 30	0 16	18 16	5 4	3 23	3 52	17 37	1 27	4 43
T 6	5 32	12 59	4 22	0 50	3 35	15 14	3 54	24 2	1 54	9 43	0 52	22 0	1 22	19 29	0 34	18 30	0 16	18 16	5 4	3 21	3 50	17 37	1 25	4 43
W 7	5 9	10 0	3 40	0 35	3 38	15 37	4 1	24 6	1 53	9 38	0 52	22 0	1 22	19 28	0 34	18 29	0 16	18 16	5 4	3 20	3 49	17 36	1 24	4 43
T 8	4 45	6 31	2 46	0 16	3 40	16 0	4 9	24 10	1 53	9 33	0 52	22 0	1 22	19 28	0 34	18 29	0 16	18 17	5 3	3 19	3 48	17 36	1 22	4 43
F 9	4 22	2 42	1 44	0s 7	3 39	16 22	4 16	24 14	1 53	9 28	0 52	22 0	1 23	19 27	0 34	18 28	0 16	18 17	5 3	3 18	3 47	17 35	1 21	4 43
S 10	3 58	1s19	0 35	0 32	3 37	16 43	4 24	24 17	1 53	9 22	0 52	22 0	1 23	19 26	0 34	18 28	0 16	18 17	5 3	3 18	3 45	17 34	1 20	4 43
S 11	3 35	5 21	0n37	1 0	3 32	17 5	4 32	24 21	1 53	9 17	0 52	22 0	1 23	19 26	0 34	18 27	0 16	18 17	5 3	3 18	3 44	17 34	1 18	4 43
M12	3 11	9 10	1 48	1 30	3 25	17 25	4 39	24 24	1 52	9 12	0 52	22 0	1 23	19 25	0 34	18 27	0 16	18 17	5 3	3 18	3 43	17 33	1 17	4 43
T 13	2 47	12 34	2 54	2 0	3 17	17 46	4 47	24 28	1 52	9 7	0 53	22 0	1 23	19 24	0 34	18 27	0 16	18 18	5 3	3 18	3 42	17 33	1 15	4 43
W14	2 24	15 20	3 52	2 31	3 7	18 5	4 54	24 31	1 52	9 1	0 53	22 0	1 23	19 24	0 34	18 26	0 16	18 18	5 2	3 19	3 40	17 32	1 14	4 42
T 15	2 0	17 15	4 37	3 2	2 56	18 24	5 1	24 34	1 52	8 56	0 53	22 0	1 23	19 23	0 34	18 26	0 16	18 18	5 2	3 19	3 39	17 31	1 12	4 42
F 16	1 36	18 9	5 6	3 32	2 43	18 43	5 9	24 37	1 51	8 51	0 53	22 0	1 23	19 23	0 34	18 25	0 16	18 18	5 2	3 19	3 38	17 31	1 11	4 42
S 17	1 13	17 56	5 16	4 1	2 30	19 1	5 16	24 40	1 51	8 46	0 53	22 0	1 23	19 22	0 34	18 25	0 16	18 18	5 2	3 19	3 37	17 30	1 9	4 42
S 18	0 49	16 35	5 8	4 28	2 16	19 18	5 23	24 43	1 51	8 40	0 53	22 0	1 23	19 21	0 34	18 25	0 16	18 18	5 2	3 19	3 35	17 29	1 8	4 42
M19	0 25	14 11	4 40	4 53	2 1	19 35	5 31	24 45	1 51	8 35	0 53	22 0	1 23	19 21	0 34	18 24	0 16	18 19	5 2	3 19	3 34	17 29	1 6	4 42
T 20	0 1	10 55	3 55	5 16	1 46	19 51	5 38	24 48	1 50	8 30	0 53	22 0	1 23	19 20	0 34	18 24	0 16	18 19	5 1	3 18	3 33	17 28	1 5	4 42
W21	0n22	7 0	2 55	5 37	1 31	20 6	5 45	24 50	1 50	8 25	0 53	22 0	1 23	19 20	0 34	18 23	0 16	18 19	5 1	3 18	3 32	17 28	1 3	4 42
T 22	0 46	2 44	1 45	5 56	1 16	20 21	5 51	24 52	1 50	8 20	0 53	22 0	1 23	19 19	0 34	18 23	0 16	18 19	5 1	3 18	3 30	17 27	1 2	4 42
F 23	1 10	1n38	0 30	6 12	1 1	20 35	5 58	24 54	1 49	8 14	0 54	22 0	1 24	19 19	0 34	18 23	0 16	18 19	5 1	3 17	3 29	17 26	1 1	4 42
S 24	1 33	5 49	0s46	6 26	0 46	20 48	6 5	24 56	1 49	8 9	0 54	21 59	1 24	19 18	0 34	18 22	0 16	18 19	5 1	3 18	3 28	17 26	0 59	4 42
S 25	1 57	9 37	1 57	6 37	0 32	21 1	6 11	24 58	1 49	8 4	0 54	21 59	1 24	19 18	0 34	18 22	0 16	18 20	5 1	3 18	3 27	17 25	0 58	4 43
M26	2 21	12 50	3 1	6 46	0 18	21 12	6 17	25 0	1 49	7 59	0 54	21 59	1 24	19 17	0 34	18 22	0 16	18 20	5 0	3 18	3 25	17 24	0 56	4 43
T 27	2 44	15 22	3 53	6 52	0 4	21 23	6 23	25 2	1 48	7 54	0 54	21 59	1 24	19 17	0 34	18 21	0 16	18 20	5 0	3 18	3 24	17 24	0 55	4 43
W28	3 8	17 7	4 34	6 56	0s 9	21 33	6 29	25 3	1 48	7 49	0 54	21 59	1 24	19 16	0 34	18 21	0 16	18 20	5 0	3 18	3 23	17 23	0 53	4 43
T 29	3 31	18 2	5 1	6 57	0 22	21 42	6 35	25 4	1 48	7 43	0 54	21 59	1 24	19 16	0 34	18 21	0 16	18 20	5 0	3 18	3 22	17 22	0 52	4 43
F 30	3 54	18 9	5 15	6 57	0 34	21 50	6 40	25 5	1 47	7 38	0 54	21 59	1 24	19 15	0 34	18 20	0 16	18 20	5 0	3 18	3 20	17 22	0 50	4 43
S 31	4n18	17n27	5s16	6s54	0s45	21n57	6n45	25n 6	1n47	7s33	0s55	21s59	1n24	19s15	0s34	18s20	0n16	18n21	5s 0	3s18	3s19	17n21	0s49	4n43

Julian Day Number = 2511504.5, Delta T = 131.91 sec
Ecliptic obliquity = 23°24'56, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°02'03, Lahiri = 26°09'04

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2164
geocentric

APRIL 2164 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 39 46	11♈50'41	25♋56	14♓53	12♉27	25♊36	13♓ 7	27♐17	6♒17	6♒42	4♋45	8♎19	8♎20	16♋31	16♓59	S 1
M 2	12 43 42	12°49'57	7♌52	15°36	12°29	26°10	13°20	27°17	6°19	6°43	4°45	8°20	8°16	16°37	17° 3	M 2
T 3	12 47 39	13°49'12	19°57	16°22	12°R30	26°43	13°34	27°18	6°21	6°44	4°45	8°20	8°13	16°44	17° 6	T 3
W 4	12 51 35	14°48'23	2♍14	17°12	12°27	27°17	13°47	27°18	6°23	6°45	4°46	8°21	8°10	16°51	17°10	W 4
T 5	12 55 32	15°47'33	14°46	18° 5	12°23	27°50	14° 1	27°R18	6°24	6°46	4°46	8°22	8° 7	16°58	17°13	T 5
F 6	12 59 28	16°46'40	27°35	19° 1	12°15	28°24	14°14	27°18	6°26	6°47	4°46	8°22	8° 4	17° 4	17°17	F 6
S 7	13 3 25	17°45'46	10♎42	20° 0	12° 6	28°57	14°27	27°18	6°28	6°49	4°47	8°R22	8° 1	17°11	17°20	S 7
S 8	13 7 21	18°44'49	24° 7	21° 2	11°54	29°31	14°40	27°18	6°29	6°50	4°47	8°22	7°57	17°18	17°24	S 8
M 9	13 11 18	19°43'50	7♏48	22° 7	11°39	0♋ 5	14°53	27°17	6°31	6°50	4°48	8°21	7°54	17°24	17°27	M 9
T 10	13 15 15	20°42'49	21°43	23°14	11°22	0°39	15° 6	27°17	6°33	6°51	4°48	8°20	7°51	17°31	17°31	T 10
W11	13 19 11	21°41'47	5♐49	24°23	11° 2	1°13	15°19	27°16	6°34	6°52	4°49	8°18	7°48	17°38	17°34	W11
T 12	13 23 8	22°40'43	20° 1	25°34	10°41	1°47	15°32	27°16	6°35	6°53	4°49	8°16	7°45	17°45	17°37	T 12
F 13	13 27 4	23°39'37	4♑17	26°48	10°17	2°21	15°45	27°15	6°37	6°54	4°50	8°15	7°42	17°51	17°41	F 13
S 14	13 31 1	24°38'29	18°32	28° 4	9°51	2°55	15°58	27°14	6°38	6°55	4°51	8°D14	7°38	17°58	17°44	S 14
S 15	13 34 57	25°37'20	2♒44	29°22	9°22	3°29	16°11	27°13	6°40	6°56	4°51	8°14	7°35	18° 5	17°47	S 15
M16	13 38 54	26°36'09	16°51	0♈42	8°53	4° 3	16°24	27°12	6°41	6°56	4°52	8°15	7°32	18°12	17°50	M16
T 17	13 42 50	27°34'56	0♓51	2° 4	8°21	4°37	16°36	27°11	6°42	6°57	4°52	8°16	7°29	18°18	17°54	T 17
W18	13 46 47	28°33'41	14°43	3°28	7°48	5°12	16°49	27°10	6°43	6°58	4°53	8°18	7°26	18°25	17°57	W18
T 19	13 50 44	29°32'25	28°24	4°53	7°13	5°46	17° 1	27° 9	6°44	6°59	4°54	8°19	7°22	18°32	18° 0	T 19
F 20	13 54 40	0♉31'07	11♈54	6°21	6°38	6°20	17°14	27° 7	6°45	6°59	4°55	8°R19	7°19	18°38	18° 3	F 20
S 21	13 58 37	1°29'47	25°10	7°50	6° 1	6°55	17°26	27° 6	6°46	7° 0	4°55	8°18	7°16	18°45	18° 6	S 21
S 22	14 2 33	2°28'25	8♉13	9°21	5°24	7°29	17°38	27° 4	6°47	7° 0	4°56	8°16	7°13	18°52	18° 9	S 22
M23	14 6 30	3°27'01	21° 1	10°54	4°47	8° 4	17°50	27° 3	6°48	7° 1	4°57	8°12	7°10	18°59	18°12	M23
T 24	14 10 26	4°25'35	3♊34	12°28	4° 9	8°38	18° 3	27° 1	6°49	7° 1	4°58	8° 8	7° 7	19° 5	18°15	T 24
W25	14 14 23	5°24'08	15°54	14° 5	3°31	9°13	18°15	26°59	6°50	7° 2	4°58	8° 4	7° 3	19°12	18°18	W25
T 26	14 18 19	6°22'38	28° 3	15°43	2°54	9°48	18°27	26°57	6°51	7° 2	4°59	7°59	7° 0	19°19	18°21	T 26
F 27	14 22 16	7°21'06	10♋ 2	17°22	2°17	10°22	18°38	26°55	6°51	7° 3	5° 0	7°56	6°57	19°25	18°24	F 27
S 28	14 26 13	8°19'32	21°55	19° 4	1°41	10°57	18°50	26°53	6°52	7° 3	5° 1	7°53	6°54	19°32	18°26	S 28
S 29	14 30 9	9°17'56	3♌48	20°47	1° 6	11°32	19° 2	26°51	6°53	7° 3	5° 2	7°52	6°51	19°39	18°29	S 29
M30	14 34 6	10♉16'18	15♌44	22♈32	0♉32	12♋ 7	19♓13	26♐49	6♒53	7♒ 4	5♋ 3	7°D52	6♎48	19♋46	18♓32	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n41	15n59	5s 2	6s49	0s56	22n 3	6n50	25n 7	1n47	7s28	0s55	21s59	1n24	19s14	0s34	18s20	0n16	18n21	4s59	3s18	3s18	17n20	0s47	4n43
M 2	5 4	13 50	4 36	6 42	1 7	22 8	6 54	25 8	1 47	7 23	0 55	21 59	1 24	19 14	0 34	18 19	0 16	18 21	4 59	3 18	3 17	17 20	0 46	4 43
T 3	5 27	11 3	3 57	6 33	1 17	22 11	6 58	25 9	1 46	7 18	0 55	21 59	1 24	19 13	0 34	18 19	0 16	18 21	4 59	3 18	3 15	17 19	0 45	4 43
W 4	5 50	7 45	3 7	6 22	1 26	22 14	7 1	25 9	1 46	7 13	0 55	21 59	1 24	19 13	0 34	18 19	0 16	18 21	4 59	3 18	3 14	17 18	0 43	4 43
T 5	6 13	4 2	2 7	6 10	1 35	22 15	7 4	25 10	1 46	7 8	0 55	21 59	1 25	19 13	0 34	18 19	0 16	18 21	4 59	3 19	3 13	17 18	0 42	4 43
F 6	6 35	0 3	0 59	5 55	1 43	22 16	7 7	25 10	1 45	7 3	0 55	21 59	1 25	19 12	0 34	18 18	0 16	18 21	4 59	3 19	3 12	17 17	0 40	4 43
S 7	6 58	4s 2	0n13	5 39	1 51	22 14	7 9	25 10	1 45	6 58	0 55	21 59	1 25	19 12	0 35	18 18	0 16	18 22	4 58	3 19	3 10	17 16	0 39	4 43
S 8	7 20	8 0	1 26	5 21	1 58	22 12	7 10	25 10	1 45	6 53	0 56	21 59	1 25	19 11	0 35	18 18	0 16	18 22	4 58	3 19	3 9	17 16	0 38	4 43
M 9	7 43	11 38	2 36	5 2	2 4	22 8	7 11	25 9	1 44	6 48	0 56	21 58	1 25	19 11	0 35	18 18	0 16	18 22	4 58	3 18	3 8	17 15	0 36	4 43
T 10	8 5	14 40	3 37	4 41	2 10	22 3	7 11	25 9	1 44	6 43	0 56	21 58	1 25	19 11	0 35	18 17	0 16	18 22	4 58	3 18	3 7	17 14	0 35	4 43
W11	8 27	16 53	4 27	4 18	2 16	21 56	7 11	25 8	1 44	6 38	0 56	21 58	1 25	19 10	0 35	18 17	0 16	18 22	4 58	3 17	3 5	17 14	0 33	4 44
T 12	8 49	18 3	5 0	3 54	2 20	21 48	7 10	25 8	1 43	6 33	0 56	21 58	1 25	19 10	0 35	18 17	0 16	18 22	4 58	3 17	3 4	17 13	0 32	4 44
F 13	9 11	18 6	5 15	3 29	2 25	21 39	7 8	25 7	1 43	6 29	0 56	21 58	1 25	19 10	0 35	18 17	0 16	18 22	4 57	3 16	3 3	17 12	0 31	4 44
S 14	9 32	17 0	5 11	3 2	2 28	21 28	7 6	25 6	1 43	6 24	0 56	21 58	1 25	19 9	0 35	18 16	0 16	18 23	4 57	3 16	3 2	17 11	0 29	4 44
S 15	9 54	14 51	4 48	2 34	2 32	21 16	7 2	25 5	1 43	6 19	0 57	21 58	1 25	19 9	0 35	18 16	0 16	18 23	4 57	3 16	3 0	17 11	0 28	4 44
M16	10 15	11 50	4 7	2 5	2 34	21 2	6 58	25 3	1 42	6 14	0 57	21 58	1 25	19 9	0 35	18 16	0 16	18 23	4 57	3 16	2 59	17 10	0 27	4 44
T 17	10 36	8 10	3 12	1 34	2 36	20 47	6 53	25 2	1 42	6 9	0 57	21 58	1 25	19 9	0 35	18 16	0 16	18 23	4 57	3 17	2 58	17 9	0 25	4 44
W18	10 57	4 4	2 6	1 2	2 38	20 31	6 48	25 0	1 42	6 5	0 57	21 58	1 25	19 8	0 35	18 16	0 16	18 23	4 57	3 17	2 57	17 9	0 24	4 44
T 19	11 18	0n12	0 54	0 29	2 39	20 13	6 41	24 59	1 41	6 0	0 57	21 58	1 25	19 8	0 35	18 16	0 16	18 23	4 56	3 18	2 55	17 8	0 23	4 44
F 20	11 39	4 24	0s20	0n 5	2 39	19 54	6 34	24 57	1 41	5 55	0 57	21 58	1 25	19 8	0 35	18 15	0 16	18 23	4 56	3 18	2 54	17 7	0 21	4 44
S 21	11 59	8 19	1 31	0 40	2 39	19 34	6 26	24 55	1 41	5 51	0 58	21 57	1 26	19 8	0 35	18 15	0 16	18 24	4 56	3 17	2 53	17 7	0 20	4 45
S 22	12 19	11 45	2 37	1 16	2 39	19 14	6 17	24 52	1 40	5 46	0 58	21 57	1 26	19 7	0 35	18 15	0 16	18 24	4 56	3 16	2 52	17 6	0 19	4 45
M23	12 39	14 34	3 33	1 53	2 38	18 52	6 8	24 50	1 40	5 41	0 58	21 57	1 26	19 7	0 35	18 15	0 16	18 24	4 56	3 15	2 50	17 5	0 17	4 45
T 24	12 59	16 37	4 18	2 32	2 36	18 29	5 57	24 47	1 40	5 37	0 58	21 57	1 26	19 7	0 35	18 15	0 16	18 24	4 56	3 14	2 49	17 4	0 16	4 45
W25	13 19	17 52	4 50	3 11	2 34	18 6	5 47	24 45	1 39	5 32	0 58	21 57	1 26	19 7	0 35	18 15	0 16	18 24	4 56	3 12	2 48	17 4	0 15	4 45
T 26	13 38	18 16	5 8	3 51	2 31	17 42	5 35	24 42	1 39	5 28	0 58	21 57	1 26	19 7	0 35	18 15	0 16	18 24	4 55	3 10	2 47	17 3	0 14	4 45
F 27	13 57	17 50	5 13	4 32	2 28	17 18	5 23	24 39	1 39	5 23	0 59	21 57	1 26	19 6	0 35	18 15	0 16	18 24	4 55	3 9	2 45	17 2	0 12	4 45
S 28	14 16	16 38	5 4	5 14	2 24	16 54	5 10	24 36	1 38	5 19	0 59	21 57	1 26	19 6	0 35	18 14	0 16	18 24	4 55	3 7	2 44	17 1	0 11	4 46
S 29	14 35	14 43	4 41	5 56	2 20	16 29	4 57	24 32	1 38	5 14	0 59	21 57	1 26	19 6	0 35	18 14	0 16	18 24	4 55	3 7	2 43	17 1	0 10	4 46
M30	14n53	12n10	4s 7	6n40	2s15	16n 5	4n44	24n29	1n38	5s10	0s59	21s57	1n26	19s 6	0s35	18s14	0n16	18n25	4s55	3s 7	2s42	17n 0	0s 9	4n46

Julian Day Number = 2511535.5, Delta T = 131.98 sec
Ecliptic obliquity = 23°24'56, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°02'08, Lahiri = 26°09'08

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2164
geocentric

MAY 2164 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 38 2	11♉14'37	27♌47	24♈18	29°R59	12♋42	19♓25	26°R46	6♒54	7♒ 4	5♋ 4	7♎53	6♎44	19♋52	18♓35	T 1
W 2	14 41 59	12°12'55	10♍ 4	26° 7	29♈29	13°17	19°36	26♐44	6°54	7° 4	5° 5	7°54	6°41	19°59	18°37	W 2
T 3	14 45 55	13°11'11	22°39	27°57	29° 0	13°52	19°48	26°41	6°55	7° 4	5° 6	7°56	6°38	20° 6	18°40	T 3
F 4	14 49 52	14° 9'24	5♎34	29°49	28°33	14°27	19°59	26°39	6°55	7° 5	5° 7	7°R57	6°35	20°12	18°42	F 4
S 5	14 53 48	15° 7'36	18°53	1♉43	28° 8	15° 2	20°10	26°36	6°55	7° 5	5° 8	7°56	6°32	20°19	18°45	S 5
S 6	14 57 45	16° 5'45	2♏35	3°38	27°45	15°37	20°21	26°33	6°56	7° 5	5° 9	7°54	6°28	20°26	18°47	S 6
M 7	15 1 42	17° 3'54	16°39	5°35	27°24	16°12	20°32	26°30	6°56	7° 5	5°10	7°50	6°25	20°33	18°50	M 7
T 8	15 5 38	18° 2'00	1♐ 1	7°34	27° 6	16°47	20°43	26°27	6°56	7° 5	5°11	7°45	6°22	20°39	18°52	T 8
W 9	15 9 35	19° 0'05	15°35	9°34	26°50	17°22	20°54	26°25	6°56	7°R 5	5°12	7°39	6°19	20°46	18°55	W 9
T 10	15 13 31	19°58'08	0♑15	11°37	26°37	17°57	21° 4	26°21	6°56	7° 5	5°13	7°32	6°16	20°53	18°57	T 10
F 11	15 17 28	20°56'10	14°53	13°40	26°26	18°32	21°15	26°18	6°R56	7° 5	5°14	7°27	6°13	21° 0	18°59	F 11
S 12	15 21 24	21°54'11	29°23	15°46	26°17	19° 8	21°25	26°15	6°56	7° 5	5°15	7°23	6° 9	21° 6	19° 1	S 12
S 13	15 25 21	22°52'10	13♒41	17°52	26°11	19°43	21°36	26°12	6°56	7° 5	5°16	7°21	6° 6	21°13	19° 3	S 13
M14	15 29 17	23°50'08	27°44	20° 0	26° 7	20°18	21°46	26° 9	6°56	7° 5	5°17	7°D21	6° 3	21°20	19° 6	M14
T 15	15 33 14	24°48'04	11♓32	22° 9	26°D 6	20°54	21°56	26° 5	6°56	7° 4	5°18	7°22	6° 0	21°26	19° 8	T 15
W16	15 37 11	25°46'00	25° 5	24°19	26° 7	21°29	22° 6	26° 2	6°56	7° 4	5°19	7°23	5°57	21°33	19°10	W16
T 17	15 41 7	26°43'54	8♈24	26°30	26°10	22° 4	22°16	25°58	6°55	7° 4	5°21	7°R23	5°53	21°40	19°12	T 17
F 18	15 45 4	27°41'47	21°30	28°41	26°16	22°40	22°26	25°55	6°55	7° 4	5°22	7°22	5°50	21°47	19°14	F 18
S 19	15 49 0	28°39'38	4♉25	0♊52	26°24	23°15	22°35	25°51	6°55	7° 3	5°23	7°19	5°47	21°53	19°15	S 19
S 20	15 52 57	29°37'29	17° 8	3° 3	26°34	23°51	22°45	25°47	6°54	7° 3	5°24	7°14	5°44	22° 0	19°17	S 20
M21	15 56 53	0♊35'18	29°40	5°14	26°46	24°26	22°54	25°43	6°54	7° 3	5°25	7° 6	5°41	22° 7	19°19	M21
T 22	16 0 50	1°33'05	12♊ 1	7°24	27° 0	25° 2	23° 4	25°40	6°53	7° 2	5°27	6°57	5°38	22°13	19°21	T 22
W23	16 4 46	2°30'51	24°13	9°34	27°16	25°38	23°13	25°36	6°53	7° 2	5°28	6°46	5°34	22°20	19°22	W23
T 24	16 8 43	3°28'36	6♋16	11°42	27°34	26°13	23°22	25°32	6°52	7° 1	5°29	6°36	5°31	22°27	19°24	T 24
F 25	16 12 40	4°26'19	18°12	13°49	27°54	26°49	23°31	25°28	6°51	7° 1	5°30	6°27	5°28	22°34	19°26	F 25
S 26	16 16 36	5°24'01	0♌ 4	15°54	28°16	27°25	23°39	25°24	6°51	7° 0	5°32	6°19	5°25	22°40	19°27	S 26
S 27	16 20 33	6°21'41	11°55	17°57	28°39	28° 0	23°48	25°20	6°50	7° 0	5°33	6°14	5°22	22°47	19°29	S 27
M28	16 24 29	7°19'20	23°49	19°58	29° 4	28°36	23°57	25°16	6°49	6°59	5°34	6°11	5°19	22°54	19°30	M28
T 29	16 28 26	8°16'58	5♍51	21°57	29°31	29°12	24° 5	25°12	6°48	6°58	5°36	6°D10	5°15	23° 0	19°31	T 29
W30	16 32 22	9°14'33	18° 5	23°54	29°59	29°48	24°13	25° 8	6°47	6°58	5°37	6°10	5°12	23° 7	19°33	W30
T 31	16 36 19	10♊12'08	0♎37	25♊48	0♉28	0♌24	24♓21	25♐ 3	6♒46	6♒57	5♋38	6°R11	5♎ 9	23♋14	19♓34	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat
T 1	15n11	9n 4	3s22	7n24	2s10	15n40	4n30	24n25	1n37	5s 6	0s59	21s57	1n26	19s 6	0s35	18s14	0n16	18n25	4s55	3s 7	2s40	16n59	0s 8	4n46
W 2	15 29	5 32	2 26	8 8	2 4	15 16	4 16	24 22	1 37	5 1	0 59	21 56	1 26	19 6	0 35	18 14	0 16	18 25	4 54	3 8	2 39	16 58	0 6	4 46
T 3	15 47	1 39	1 23	8 54	1 58	14 53	4 2	24 18	1 36	4 57	1 0	21 56	1 26	19 6	0 35	18 14	0 16	18 25	4 54	3 9	2 38	16 58	0 5	4 46
F 4	16 4	2s24	0 13	9 39	1 51	14 30	3 48	24 14	1 36	4 53	1 0	21 56	1 26	19 6	0 35	18 14	0 15	18 25	4 54	3 9	2 37	16 57	0 4	4 46
S 5	16 21	6 28	0n59	10 26	1 44	14 7	3 33	24 9	1 36	4 49	1 0	21 56	1 26	19 6	0 35	18 14	0 15	18 25	4 54	3 9	2 35	16 56	0 3	4 47
S 6	16 38	10 19	2 10	11 12	1 37	13 45	3 19	24 5	1 35	4 45	1 0	21 56	1 26	19 6	0 36	18 14	0 15	18 25	4 54	3 8	2 34	16 55	0 2	4 47
M 7	16 55	13 41	3 15	11 59	1 29	13 24	3 5	24 0	1 35	4 40	1 0	21 56	1 26	19 6	0 36	18 14	0 15	18 25	4 54	3 6	2 33	16 55	0 1	4 47
T 8	17 11	16 17	4 8	12 46	1 20	13 4	2 50	23 56	1 35	4 36	1 1	21 56	1 26	19 6	0 36	18 14	0 15	18 25	4 54	3 4	2 32	16 54	0n 0	4 47
W 9	17 27	17 53	4 47	13 32	1 11	12 45	2 36	23 51	1 34	4 32	1 1	21 56	1 26	19 6	0 36	18 14	0 15	18 25	4 54	3 2	2 30	16 53	0 1	4 47
T 10	17 43	18 18	5 7	14 19	1 2	12 27	2 22	23 46	1 34	4 28	1 1	21 56	1 26	19 6	0 36	18 14	0 15	18 26	4 53	2 59	2 29	16 52	0 3	4 47
F 11	17 58	17 31	5 6	15 6	0 52	12 10	2 8	23 41	1 34	4 24	1 1	21 56	1 26	19 6	0 36	18 14	0 15	18 26	4 53	2 57	2 28	16 52	0 4	4 48
S 12	18 13	15 35	4 47	15 52	0 42	11 54	1 54	23 36	1 33	4 20	1 1	21 55	1 26	19 6	0 36	18 14	0 15	18 26	4 53	2 56	2 27	16 51	0 5	4 48
S 13	18 28	12 43	4 9	16 37	0 32	11 40	1 41	23 30	1 33	4 17	1 2	21 55	1 26	19 6	0 36	18 14	0 15	18 26	4 53	2 55	2 25	16 50	0 6	4 48
M14	18 43	9 9	3 17	17 22	0 22	11 26	1 27	23 25	1 33	4 13	1 2	21 55	1 26	19 6	0 36	18 14	0 15	18 26	4 53	2 55	2 24	16 49	0 7	4 48
T 15	18 57	5 9	2 15	18 6	0 12	11 13	1 14	23 19	1 32	4 9	1 2	21 55	1 26	19 6	0 36	18 14	0 15	18 26	4 53	2 55	2 23	16 48	0 8	4 48
W16	19 11	0 56	1 6	18 49	0 1	11 2	1 2	23 13	1 32	4 5	1 2	21 55	1 26	19 6	0 36	18 14	0 15	18 26	4 53	2 56	2 22	16 48	0 9	4 49
T 17	19 24	3n15	0s 5	19 30	0n 9	10 52	0 49	23 7	1 32	4 1	1 3	21 55	1 26	19 6	0 36	18 14	0 15	18 26	4 53	2 56	2 20	16 47	0 9	4 49
F 18	19 38	7 13	1 15	20 10	0 20	10 43	0 37	23 1	1 31	3 58	1 3	21 55	1 26	19 6	0 36	18 14	0 15	18 26	4 52	2 55	2 19	16 46	0 10	4 49
S 19	19 50	10 47	2 20	20 48	0 30	10 35	0 26	22 54	1 31	3 54	1 3	21 55	1 26	19 6	0 36	18 14	0 15	18 26	4 52	2 54	2 18	16 45	0 11	4 49
S 20	20 3	13 47	3 17	21 25	0 40	10 28	0 15	22 48	1 30	3 51	1 3	21 55	1 26	19 7	0 36	18 15	0 15	18 26	4 52	2 52	2 16	16 45	0 12	4 49
M21	20 15	16 6	4 3	21 59	0 50	10 22	0 4	22 41	1 30	3 47	1 3	21 54	1 26	19 7	0 36	18 15	0 15	18 26	4 52	2 49	2 15	16 44	0 13	4 50
T 22	20 27	17 38	4 37	22 31	1 0	10 17	0s 7	22 34	1 30	3 44	1 4	21 54	1 26	19 7	0 36	18 15	0 15	18 27	4 52	2 45	2 14	16 43	0 14	4 50
W23	20 39	18 20	4 57	23 0	1 9	10 13	0 17	22 28	1 29	3 40	1 4	21 54	1 26	19 7	0 36	18 15	0 15	18 27	4 52	2 41	2 13	16 42	0 15	4 50
T 24	20 50	18 12	5 5	23 27	1 18	10 10	0 27	22 20	1 29	3 37	1 4	21 54	1 26	19 7	0 36	18 15	0 15	18 27	4 52	2 37	2 11	16 41	0 16	4 50
F 25	21 0	17 15	4 58	23 51	1 26	10 9	0 37	22 13	1 29	3 34	1 4	21 54	1 26	19 7	0 36	18 15	0 15	18 27	4 52	2 33	2 10	16 40	0 16	4 50
S 26	21 11	15 34	4 39	24 13	1 33	10 8	0 46	22 6	1 28	3 30	1 5	21 54	1 26	19 8	0 36	18 15	0 15	18 27	4 51	2 30	2 9	16 40	0 17	4 51
S 27	21 21	13 13	4 8	24 32	1 40	10 8	0 55	21 58	1 28	3 27	1 5	21 54	1 26	19 8	0 36	18 15	0 15	18 27	4 51	2 28	2 8	16 39	0 18	4 51
M28	21 31	10 19	3 26	24 48	1 46	10 8	1 4	21 51	1 27	3 24	1 5	21 54	1 26	19 8	0 36	18 16	0 15	18 27	4 51	2 27	2 6	16 38	0 19	4 51
T 29	21 40	6 58	2 35	25 2	1 52	10 10	1 12	21 43	1 27	3 21	1 5	21 53	1 26	19 8	0 36	18 16	0 15	18 27	4 51	2 27	2 5	16 37	0 19	4 51
W30	21 49	3 15	1 35	25 13	1 57	10 13	1 20	21 35	1 27	3 18	1 6	21 53	1 26	19 9	0 36	18 16	0 15	18 27	4 51	2 27	2 4	16 36	0 20	4 51
T 31	21n57	0s42	0s30	25n22	2n 1	10n16	1s27	21n27	1n26	3s15	1s 6	21s53	1n26	19s 9	0s36	18s16	0n15	18n27	4s51	2s27	2s 3	16n36	0n21	4n52

Julian Day Number = 2511565.5, Delta T = 132.04 sec
Ecliptic obliquity = 23°24'55, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°02'12, Lahiri = 26°09'12

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2164
geocentric

JUNE 2164 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 40 15	11♊ 9'41	13♎32	27♊40	1♉ 0	1♌ 0	24♓29	24°R59	6°R45	6°R56	5♋40	6°R11	5♎ 6	23♋21	19♓35	F 1
S 2	16 44 12	12° 7'12	26°53	29°29	1°32	1°35	24°37	24♐55	6♒44	6♒56	5°41	6♎ 9	5° 3	23°27	19°36	S 2
S 3	16 48 9	13° 4'43	10♏42	1♋15	2° 6	2°11	24°45	24°51	6°43	6°55	5°42	6° 5	4°59	23°34	19°37	S 3
M 4	16 52 5	14° 2'12	24°59	2°58	2°41	2°47	24°53	24°46	6°42	6°54	5°44	5°58	4°56	23°41	19°38	M 4
T 5	16 56 2	14°59'40	9♐39	4°39	3°17	3°23	25° 0	24°42	6°41	6°53	5°45	5°50	4°53	23°47	19°39	T 5
W 6	16 59 58	15°57'07	24°35	6°17	3°55	3°59	25° 7	24°38	6°40	6°52	5°47	5°40	4°50	23°54	19°40	W 6
T 7	17 3 55	16°54'34	9♑39	7°52	4°33	4°35	25°14	24°33	6°39	6°52	5°48	5°30	4°47	24° 1	19°41	T 7
F 8	17 7 51	17°51'59	24°40	9°24	5°13	5°11	25°21	24°29	6°37	6°51	5°49	5°21	4°44	24° 8	19°42	F 8
S 9	17 11 48	18°49'24	9♒30	10°53	5°54	5°47	25°28	24°25	6°36	6°50	5°51	5°14	4°40	24°14	19°43	S 9
S 10	17 15 44	19°46'48	24° 2	12°20	6°36	6°24	25°35	24°20	6°35	6°49	5°52	5°10	4°37	24°21	19°44	S 10
M11	17 19 41	20°44'11	8♓12	13°43	7°19	7° 0	25°41	24°16	6°33	6°48	5°54	5° 8	4°34	24°28	19°44	M11
T 12	17 23 38	21°41'34	22° 0	15° 4	8° 3	7°36	25°48	24°11	6°32	6°47	5°55	5°D 7	4°31	24°34	19°45	T 12
W13	17 27 34	22°38'56	5♈26	16°21	8°47	8°12	25°54	24° 7	6°30	6°46	5°56	5°R 7	4°28	24°41	19°45	W13
T 14	17 31 31	23°36'18	18°33	17°35	9°33	8°48	26° 0	24° 2	6°29	6°45	5°58	5° 7	4°25	24°48	19°46	T 14
F 15	17 35 27	24°33'39	1♉24	18°47	10°19	9°24	26° 6	23°58	6°27	6°44	5°59	5° 4	4°21	24°55	19°46	F 15
S 16	17 39 24	25°31'00	14° 2	19°55	11° 6	10° 1	26°12	23°54	6°26	6°43	6° 1	5° 0	4°18	25° 1	19°47	S 16
S 17	17 43 20	26°28'21	26°28	20°59	11°54	10°37	26°17	23°49	6°24	6°41	6° 2	4°52	4°15	25° 8	19°47	S 17
M18	17 47 17	27°25'41	8♊46	22° 1	12°43	11°13	26°23	23°45	6°22	6°40	6° 4	4°41	4°12	25°15	19°47	M18
T 19	17 51 13	28°23'00	20°55	22°59	13°32	11°50	26°28	23°40	6°21	6°39	6° 5	4°29	4° 9	25°21	19°47	T 19
W20	17 55 10	29°20'19	2♋58	23°53	14°22	12°26	26°33	23°36	6°19	6°38	6° 7	4°15	4° 5	25°28	19°48	W20
T 21	17 59 7	0♋17'38	14°55	24°44	15°13	13° 2	26°38	23°32	6°17	6°37	6° 8	4° 2	4° 2	25°35	19°48	T 21
F 22	18 3 3	1°14'56	26°47	25°32	16° 5	13°39	26°42	23°27	6°15	6°35	6° 9	3°49	3°59	25°42	19°R48	F 22
S 23	18 7 0	2°12'13	8♌38	26°15	16°57	14°15	26°47	23°23	6°13	6°34	6°11	3°38	3°56	25°48	19°48	S 23
S 24	18 10 56	3° 9'29	20°28	26°55	17°49	14°52	26°51	23°18	6°12	6°33	6°12	3°30	3°53	25°55	19°48	S 24
M25	18 14 53	4° 6'45	2♍21	27°30	18°42	15°28	26°56	23°14	6°10	6°32	6°14	3°25	3°50	26° 2	19°47	M25
T 26	18 18 49	5° 4'01	14°22	28° 2	19°36	16° 5	27° 0	23°10	6° 8	6°30	6°15	3°23	3°46	26° 8	19°47	T 26
W27	18 22 46	6° 1'15	26°34	28°29	20°30	16°41	27° 3	23° 6	6° 6	6°29	6°17	3°22	3°43	26°15	19°47	W27
T 28	18 26 42	6°58'29	9♎ 4	28°52	21°25	17°18	27° 7	23° 1	6° 4	6°28	6°18	3°22	3°40	26°22	19°47	T 28
F 29	18 30 39	7°55'43	21°55	29°10	22°20	17°54	27°11	22°57	6° 2	6°26	6°20	3°21	3°37	26°29	19°46	F 29
S 30	18 34 36	8♋52'56	5♏13	29♋24	23♉16	18♌31	27♓14	22♐53	6♒ 0	6♒25	6♋21	3♎20	3♎34	26♋35	19♓46	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n 6	4s44	0n39	25n28	2n 4	10n20	1s34	21n19	1n26	3s12	1s 6	21s53	1n26	19s 9	0s36	18s16	0n15	18n27	4s51	2s27	2s 1	16n35	0n22	4n52
S 2	22 13	8 40	1 48	25 31	2 6	10 25	1 41	21 11	1 26	3 9	1 6	21 53	1 26	19 9	0 36	18 16	0 15	18 27	4 51	2 26	2 0	16 34	0 22	4 52
S 3	22 21	12 17	2 53	25 33	2 8	10 30	1 48	21 2	1 25	3 6	1 7	21 53	1 26	19 10	0 37	18 17	0 15	18 27	4 51	2 25	1 59	16 33	0 23	4 52
M 4	22 28	15 17	3 49	25 32	2 9	10 36	1 54	20 54	1 25	3 3	1 7	21 53	1 26	19 10	0 37	18 17	0 15	18 27	4 51	2 22	1 58	16 32	0 23	4 53
T 5	22 34	17 24	4 31	25 29	2 9	10 43	2 0	20 45	1 24	3 1	1 7	21 53	1 26	19 10	0 37	18 17	0 15	18 27	4 50	2 19	1 56	16 31	0 24	4 53
W 6	22 41	18 22	4 56	25 24	2 8	10 50	2 6	20 36	1 24	2 58	1 7	21 52	1 26	19 11	0 37	18 17	0 15	18 27	4 50	2 15	1 55	16 31	0 25	4 53
T 7	22 46	18 3	5 1	25 17	2 7	10 58	2 12	20 27	1 24	2 55	1 8	21 52	1 26	19 11	0 37	18 17	0 15	18 27	4 50	2 11	1 54	16 30	0 25	4 53
F 8	22 52	16 29	4 45	25 9	2 4	11 6	2 17	20 18	1 23	2 53	1 8	21 52	1 26	19 11	0 37	18 18	0 15	18 27	4 50	2 7	1 53	16 29	0 26	4 53
S 9	22 57	13 50	4 10	24 59	2 1	11 15	2 22	20 9	1 23	2 50	1 8	21 52	1 26	19 12	0 37	18 18	0 15	18 27	4 50	2 5	1 51	16 28	0 26	4 54
S 10	23 1	10 22	3 19	24 48	1 58	11 24	2 26	19 59	1 23	2 48	1 8	21 52	1 26	19 12	0 37	18 18	0 15	18 27	4 50	2 3	1 50	16 27	0 27	4 54
M11	23 6	6 22	2 18	24 35	1 53	11 34	2 31	19 50	1 22	2 46	1 9	21 52	1 26	19 13	0 37	18 18	0 15	18 27	4 50	2 2	1 49	16 26	0 27	4 54
T 12	23 9	2 7	1 9	24 21	1 48	11 44	2 35	19 40	1 22	2 43	1 9	21 52	1 26	19 13	0 37	18 19	0 15	18 27	4 50	2 2	1 48	16 26	0 28	4 54
W13	23 13	2n 8	0s 2	24 6	1 42	11 54	2 39	19 30	1 21	2 41	1 9	21 52	1 26	19 13	0 37	18 19	0 15	18 27	4 50	2 2	1 46	16 25	0 28	4 55
T 14	23 16	6 11	1 11	23 50	1 35	12 5	2 43	19 21	1 21	2 39	1 9	21 51	1 25	19 14	0 37	18 19	0 15	18 27	4 50	2 2	1 45	16 24	0 28	4 55
F 15	23 18	9 51	2 14	23 33	1 27	12 16	2 46	19 11	1 21	2 37	1 10	21 51	1 25	19 14	0 37	18 19	0 15	18 27	4 50	2 1	1 44	16 23	0 29	4 55
S 16	23 20	13 0	3 10	23 15	1 19	12 28	2 49	19 0	1 20	2 35	1 10	21 51	1 25	19 15	0 37	18 20	0 15	18 27	4 50	1 59	1 43	16 22	0 29	4 55
S 17	23 22	15 31	3 56	22 56	1 10	12 39	2 52	18 50	1 20	2 33	1 10	21 51	1 25	19 15	0 37	18 20	0 15	18 27	4 50	1 56	1 41	16 21	0 29	4 56
M18	23 23	17 17	4 30	22 37	1 1	12 51	2 55	18 40	1 19	2 31	1 11	21 51	1 25	19 15	0 37	18 20	0 15	18 27	4 49	1 52	1 40	16 20	0 30	4 56
T 19	23 24	18 15	4 52	22 18	0 51	13 4	2 58	18 29	1 19	2 29	1 11	21 51	1 25	19 16	0 37	18 21	0 15	18 27	4 49	1 47	1 39	16 19	0 30	4 56
W20	23 25	18 23	5 0	21 58	0 40	13 16	3 0	18 19	1 19	2 28	1 11	21 51	1 25	19 16	0 37	18 21	0 15	18 27	4 49	1 41	1 37	16 19	0 30	4 56
T 21	23 25	17 42	4 54	21 37	0 28	13 29	3 2	18 8	1 18	2 26	1 11	21 51	1 25	19 17	0 37	18 21	0 15	18 27	4 49	1 36	1 36	16 18	0 31	4 56
F 22	23 25	16 15	4 36	21 17	0 16	13 41	3 4	17 57	1 18	2 24	1 12	21 50	1 25	19 17	0 37	18 22	0 15	18 27	4 49	1 31	1 35	16 17	0 31	4 57
S 23	23 24	14 7	4 7	20 56	0 4	13 54	3 6	17 46	1 17	2 23	1 12	21 50	1 25	19 18	0 37	18 22	0 15	18 27	4 49	1 27	1 34	16 16	0 31	4 57
S 24	23 23	11 24	3 26	20 36	0s 9	14 7	3 8	17 35	1 17	2 21	1 12	21 50	1 25	19 18	0 37	18 22	0 15	18 27	4 49	1 24	1 32	16 15	0 31	4 57
M25	23 21	8 12	2 36	20 16	0 23	14 20	3 9	17 24	1 17	2 20	1 13	21 50	1 25	19 19	0 37	18 23	0 15	18 27	4 49	1 22	1 31	16 14	0 31	4 57
T 26	23 19	4 38	1 39	19 56	0 37	14 34	3 10	17 13	1 16	2 19	1 13	21 50	1 24	19 19	0 37	18 23	0 15	18 27	4 49	1 21	1 30	16 13	0 31	4 58
W27	23 17	0 49	0 36	19 36	0 52	14 47	3 11	17 1	1 16	2 17	1 13	21 50	1 24	19 20	0 37	18 23	0 15	18 27	4 49	1 20	1 29	16 12	0 31	4 58
T 28	23 14	3s 8	0n30	19 17	1 7	15 0	3 12	16 50	1 15	2 16	1 13	21 50	1 24	19 20	0 37	18 24	0 15	18 27	4 49	1 20	1 27	16 12	0 32	4 58
F 29	23 11	7 2	1 37	18 58	1 22	15 14	3 13	16 38	1 15	2 15	1 14	21 50	1 24	19 21	0 37	18 24	0 15	18 27	4 49	1 20	1 26	16 11	0 32	4 58
S 30	23n 7	10s44	2n40	18n40	1s38	15n27	3s13	16n27	1n15	2s14	1s14	21s50	1n24	19s21	0s37	18s24	0n15	18n27	4s49	1s19	1s25	16n10	0n32	4n58

Julian Day Number = 2511596.5, Delta T = 132.10 sec
Ecliptic obliquity = 23°24'55, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°02'16, Lahiri = 26°09'16

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2164
geocentric

JULY 2164 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 38 32	9♋50'09	18♏59	29♋34	24♉12	19♌ 8	27♓17	22°R49	5°R58	6°R24	6♋23	3°R15	3♎31	26♋42	19°R45	S 1
M 2	18 42 29	10°47'21	3♐16	29°38	25° 8	19°44	27°20	22♐45	5♒56	6♒22	6°24	3♎ 9	3°27	26°49	19♓45	M 2
T 3	18 46 25	11°44'33	17°59	29°R39	26° 5	20°21	27°23	22°41	5°54	6°21	6°26	3° 0	3°24	26°55	19°44	T 3
W 4	18 50 22	12°41'44	3♑ 4	29°34	27° 3	20°58	27°25	22°37	5°51	6°19	6°27	2°50	3°21	27° 2	19°44	W 4
T 5	18 54 18	13°38'56	18°20	29°25	28° 1	21°34	27°28	22°33	5°49	6°18	6°28	2°39	3°18	27° 9	19°43	T 5
F 6	18 58 15	14°36'07	3♒37	29°11	28°59	22°11	27°30	22°29	5°47	6°16	6°30	2°30	3°15	27°16	19°42	F 6
S 7	19 2 11	15°33'18	18°43	28°54	29°58	22°48	27°32	22°25	5°45	6°15	6°31	2°22	3°11	27°22	19°42	S 7
S 8	19 6 8	16°30'30	3♓29	28°32	0♊57	23°25	27°34	22°21	5°43	6°13	6°33	2°17	3° 8	27°29	19°41	S 8
M 9	19 10 5	17°27'42	17°51	28° 6	1°56	24° 2	27°35	22°17	5°41	6°12	6°34	2°15	3° 5	27°36	19°40	M 9
T 10	19 14 1	18°24'54	1♈47	27°37	2°56	24°38	27°37	22°13	5°38	6°10	6°36	2°D14	3° 2	27°42	19°39	T 10
W11	19 17 58	19°22'06	15°16	27° 5	3°56	25°15	27°38	22°10	5°36	6° 9	6°37	2°R15	2°59	27°49	19°38	W11
T 12	19 21 54	20°19'19	28°21	26°30	4°56	25°52	27°39	22° 6	5°34	6° 7	6°39	2°14	2°56	27°56	19°37	T 12
F 13	19 25 51	21°16'32	11♉ 7	25°54	5°57	26°29	27°40	22° 2	5°31	6° 6	6°40	2°13	2°52	28° 3	19°36	F 13
S 14	19 29 47	22°13'46	23°36	25°15	6°58	27° 6	27°40	21°59	5°29	6° 4	6°41	2° 9	2°49	28° 9	19°35	S 14
S 15	19 33 44	23°11'00	5♊53	24°37	7°59	27°43	27°41	21°55	5°27	6° 3	6°43	2° 2	2°46	28°16	19°33	S 15
M16	19 37 40	24° 8'15	18° 0	23°58	9° 1	28°20	27°41	21°52	5°25	6° 1	6°44	1°54	2°43	28°23	19°32	M16
T 17	19 41 37	25° 5'30	0♋ 1	23°19	10° 3	28°57	27°R41	21°49	5°22	5°59	6°46	1°43	2°40	28°29	19°31	T 17
W18	19 45 34	26° 2'46	11°56	22°42	11° 5	29°34	27°41	21°45	5°20	5°58	6°47	1°31	2°37	28°36	19°29	W18
T 19	19 49 30	27° 0'02	23°49	22° 6	12° 7	0♍11	27°41	21°42	5°17	5°56	6°48	1°19	2°33	28°43	19°28	T 19
F 20	19 53 27	27°57'18	5♌39	21°33	13°10	0°48	27°40	21°39	5°15	5°55	6°50	1° 7	2°30	28°50	19°27	F 20
S 21	19 57 23	28°54'35	17°30	21° 4	14°13	1°26	27°39	21°36	5°13	5°53	6°51	0°58	2°27	28°56	19°25	S 21
S 22	20 1 20	29°51'52	29°23	20°38	15°16	2° 3	27°38	21°33	5°10	5°51	6°53	0°51	2°24	29° 3	19°23	S 22
M23	20 5 16	0♌49'10	11♍20	20°16	16°20	2°40	27°37	21°30	5° 8	5°50	6°54	0°47	2°21	29°10	19°22	M23
T 24	20 9 13	1°46'27	23°24	19°58	17°23	3°17	27°36	21°27	5° 6	5°48	6°55	0°45	2°17	29°16	19°20	T 24
W25	20 13 9	2°43'45	5♎39	19°46	18°27	3°54	27°34	21°24	5° 3	5°47	6°57	0°D45	2°14	29°23	19°18	W25
T 26	20 17 6	3°41'04	18°10	19°39	19°31	4°32	27°33	21°22	5° 1	5°45	6°58	0°46	2°11	29°30	19°17	T 26
F 27	20 21 3	4°38'22	0♏59	19°D38	20°36	5° 9	27°31	21°19	4°58	5°43	6°59	0°R46	2° 8	29°36	19°15	F 27
S 28	20 24 59	5°35'42	14°12	19°42	21°40	5°46	27°29	21°16	4°56	5°42	7° 1	0°46	2° 5	29°43	19°13	S 28
S 29	20 28 56	6°33'01	27°52	19°52	22°45	6°24	27°26	21°14	4°54	5°40	7° 2	0°44	2° 2	29°50	19°11	S 29
M30	20 32 52	7°30'21	12♐ 0	20° 9	23°50	7° 1	27°24	21°12	4°51	5°38	7° 3	0°40	1°58	29°57	19° 9	M30
T 31	20 36 49	8♌27'41	26♐35	20♋31	24♊55	7♍39	27♓21	21♐ 9	4♒49	5♒37	7♋ 5	0♎34	1♎55	0♌ 3	19♓ 7	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n 3	13s59	3n36	18n23	1s53	15n40	3s14	16n15	1n14	2s13	1s14	21s49	1n24	19s22	0s37	18s25	0n15	18n27	4s49	1s18	1s24	16n 9	0n32	4n59
M 2	22 59	16 30	4 21	18 6	2 9	15 53	3 14	16 3	1 14	2 12	1 15	21 49	1 24	19 22	0 37	18 25	0 15	18 27	4 49	1 15	1 22	16 8	0 32	4 59
T 3	22 54	18 3	4 51	17 51	2 25	16 7	3 14	15 51	1 13	2 11	1 15	21 49	1 24	19 23	0 37	18 25	0 15	18 27	4 49	1 12	1 21	16 7	0 32	4 59
W 4	22 49	18 22	5 1	17 36	2 41	16 20	3 14	15 39	1 13	2 11	1 15	21 49	1 23	19 23	0 37	18 26	0 15	18 27	4 49	1 7	1 20	16 6	0 32	4 59
T 5	22 43	17 22	4 50	17 23	2 56	16 33	3 14	15 27	1 13	2 10	1 16	21 49	1 23	19 24	0 37	18 26	0 15	18 27	4 49	1 3	1 19	16 5	0 32	4 59
F 6	22 37	15 8	4 18	17 11	3 11	16 46	3 13	15 14	1 12	2 9	1 16	21 49	1 23	19 25	0 37	18 26	0 15	18 27	4 49	1 0	1 17	16 4	0 31	5 0
S 7	22 31	11 53	3 29	17 0	3 26	16 59	3 13	15 2	1 12	2 9	1 16	21 49	1 23	19 25	0 37	18 27	0 15	18 27	4 48	0 57	1 16	16 3	0 31	5 0
S 8	22 24	7 57	2 26	16 51	3 40	17 11	3 12	14 50	1 11	2 8	1 16	21 49	1 23	19 26	0 37	18 27	0 15	18 27	4 48	0 55	1 15	16 2	0 31	5 0
M 9	22 17	3 38	1 16	16 43	3 53	17 24	3 12	14 37	1 11	2 8	1 17	21 49	1 23	19 26	0 37	18 28	0 15	18 27	4 48	0 54	1 14	16 2	0 31	5 0
T 10	22 9	0n45	0 2	16 36	4 6	17 36	3 11	14 24	1 11	2 8	1 17	21 49	1 23	19 27	0 37	18 28	0 15	18 27	4 48	0 53	1 12	16 1	0 31	5 1
W11	22 1	4 57	1s 9	16 31	4 17	17 48	3 10	14 11	1 10	2 7	1 17	21 49	1 23	19 27	0 37	18 28	0 15	18 27	4 48	0 53	1 11	16 0	0 31	5 1
T 12	21 53	8 48	2 14	16 27	4 27	18 0	3 9	13 59	1 10	2 7	1 18	21 49	1 22	19 28	0 37	18 29	0 15	18 27	4 48	0 53	1 10	15 59	0 30	5 1
F 13	21 44	12 7	3 11	16 25	4 36	18 12	3 7	13 46	1 9	2 7	1 18	21 48	1 22	19 29	0 37	18 29	0 15	18 27	4 48	0 53	1 8	15 58	0 30	5 1
S 14	21 35	14 49	3 57	16 25	4 43	18 24	3 6	13 33	1 9	2 7	1 18	21 48	1 22	19 29	0 37	18 30	0 15	18 27	4 48	0 51	1 7	15 57	0 30	5 1
S 15	21 26	16 48	4 32	16 26	4 49	18 35	3 4	13 20	1 8	2 7	1 19	21 48	1 22	19 30	0 37	18 30	0 15	18 27	4 48	0 49	1 6	15 56	0 30	5 1
M16	21 16	18 0	4 54	16 28	4 54	18 46	3 3	13 6	1 8	2 8	1 19	21 48	1 22	19 30	0 38	18 30	0 15	18 27	4 48	0 45	1 5	15 55	0 29	5 2
T 17	21 6	18 23	5 2	16 32	4 56	18 57	3 1	12 53	1 8	2 8	1 19	21 48	1 22	19 31	0 38	18 31	0 15	18 27	4 48	0 41	1 3	15 54	0 29	5 2
W18	20 55	17 57	4 57	16 37	4 57	19 7	2 59	12 40	1 7	2 8	1 19	21 48	1 21	19 31	0 38	18 31	0 15	18 27	4 48	0 36	1 2	15 53	0 29	5 2
T 19	20 44	16 43	4 40	16 43	4 57	19 17	2 57	12 26	1 7	2 9	1 20	21 48	1 21	19 32	0 38	18 32	0 15	18 27	4 48	0 31	1 1	15 52	0 28	5 2
F 20	20 33	14 48	4 10	16 51	4 54	19 27	2 55	12 13	1 6	2 9	1 20	21 48	1 21	19 33	0 38	18 32	0 15	18 27	4 48	0 27	1 0	15 51	0 28	5 2
S 21	20 21	12 15	3 29	16 59	4 50	19 37	2 53	11 59	1 6	2 10	1 20	21 48	1 21	19 33	0 38	18 32	0 15	18 26	4 48	0 23	0 58	15 50	0 27	5 3
S 22	20 10	9 11	2 39	17 9	4 45	19 46	2 51	11 45	1 6	2 10	1 21	21 48	1 21	19 34	0 38	18 33	0 15	18 26	4 48	0 20	0 57	15 49	0 27	5 3
M23	19 57	5 44	1 42	17 19	4 38	19 55	2 49	11 32	1 5	2 11	1 21	21 48	1 21	19 34	0 38	18 33	0 15	18 26	4 48	0 19	0 56	15 48	0 26	5 3
T 24	19 45	2 1	0 39	17 30	4 29	20 3	2 47	11 18	1 5	2 12	1 21	21 48	1 21	19 35	0 38	18 34	0 15	18 26	4 48	0 18	0 55	15 47	0 26	5 3
W25	19 32	1s50	0n26	17 41	4 19	20 11	2 44	11 4	1 4	2 13	1 22	21 48	1 20	19 36	0 38	18 34	0 15	18 26	4 48	0 18	0 53	15 47	0 25	5 3
T 26	19 19	5 42	1 32	17 52	4 9	20 19	2 42	10 50	1 4	2 14	1 22	21 48	1 20	19 36	0 38	18 34	0 15	18 26	4 48	0 18	0 52	15 46	0 25	5 3
F 27	19 5	9 23	2 35	18 4	3 57	20 26	2 39	10 36	1 3	2 15	1 22	21 48	1 20	19 37	0 38	18 35	0 15	18 26	4 48	0 18	0 51	15 45	0 24	5 4
S 28	18 51	12 43	3 32	18 16	3 44	20 33	2 36	10 22	1 3	2 16	1 22	21 48	1 20	19 37	0 38	18 35	0 15	18 26	4 48	0 18	0 50	15 44	0 24	5 4
S 29	18 37	15 28	4 18	18 28	3 31	20 40	2 34	10 7	1 3	2 17	1 23	21 48	1 20	19 38	0 38	18 36	0 15	18 26	4 48	0 18	0 48	15 43	0 23	5 4
M30	18 23	17 24	4 51	18 40	3 17	20 46	2 31	9 53	1 2	2 18	1 23	21 48	1 20	19 39	0 38	18 36	0 15	18 26	4 48	0 16	0 47	15 42	0 23	5 4
T 31	18n 8	18s16	5n 6	18n51	3s 2	20n51	2s28	9n39	1n 2	2s19	1s23	21s48	1n19	19s39	0s38	18s36	0n15	18n26	4s48	0s14	0s46	15n41	0n22	5n 4

Julian Day Number = 2511626.5, Delta T = 132.17 sec
Ecliptic obliquity = 23°24'55, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°02'20, Lahiri = 26°09'21

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2164
geocentric

AUGUST 2164 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 40 45	9♌25'02	11♉33	21♋ 0	26♊ 0	8♍16	27°R18	21°R 7	4°R46	5°R35	7♋ 6	0°R27	1♎52	0♌10	19°R 5	W 1
T 2	20 44 42	10°22'24	26°45	21°34	27° 6	8°54	27♓15	21♐ 5	4♒44	5♒34	7° 7	0♎20	1°49	0°17	19♓ 3	T 2
F 3	20 48 38	11°19'46	12♒ 2	22°15	28°11	9°31	27°12	21° 3	4°42	5°32	7° 8	0°13	1°46	0°23	19° 1	F 3
S 4	20 52 35	12°17'09	27°12	23° 2	29°17	10° 9	27° 9	21° 1	4°39	5°30	7°10	0° 8	1°43	0°30	18°59	S 4
S 5	20 56 32	13°14'33	12♓ 7	23°55	0♋23	10°46	27° 5	20°59	4°37	5°29	7°11	0° 4	1°39	0°37	18°57	S 5
M 6	21 0 28	14°11'58	26°38	24°54	1°29	11°24	27° 1	20°57	4°34	5°27	7°12	0°D 3	1°36	0°44	18°55	M 6
T 7	21 4 25	15° 9'24	10♈43	25°58	2°36	12° 1	26°58	20°56	4°32	5°25	7°13	0° 4	1°33	0°50	18°53	T 7
W 8	21 8 21	16° 6'52	24°20	27° 8	3°42	12°39	26°53	20°54	4°30	5°24	7°14	0° 5	1°30	0°57	18°50	W 8
T 9	21 12 18	17° 4'20	7♉30	28°24	4°49	13°17	26°49	20°52	4°27	5°22	7°16	0° 6	1°27	1° 4	18°48	T 9
F 10	21 16 14	18° 1'50	20°18	29°45	5°56	13°54	26°45	20°51	4°25	5°21	7°17	0°R 6	1°23	1°10	18°46	F 10
S 11	21 20 11	18°59'22	2♊46	1♌11	7° 3	14°32	26°40	20°50	4°23	5°19	7°18	0° 5	1°20	1°17	18°43	S 11
S 12	21 24 7	19°56'54	15° 0	2°41	8°10	15°10	26°35	20°48	4°21	5°18	7°19	0° 2	1°17	1°24	18°41	S 12
M13	21 28 4	20°54'29	27° 2	4°17	9°18	15°48	26°30	20°47	4°18	5°16	7°20	29♍58	1°14	1°30	18°38	M13
T 14	21 32 1	21°52'04	8♋58	5°56	10°25	16°25	26°25	20°46	4°16	5°14	7°21	29°52	1°11	1°37	18°36	T 14
W15	21 35 57	22°49'41	20°50	7°39	11°33	17° 3	26°20	20°45	4°14	5°13	7°22	29°46	1° 8	1°44	18°34	W15
T 16	21 39 54	23°47'19	2♌41	9°26	12°41	17°41	26°14	20°44	4°12	5°11	7°23	29°39	1° 4	1°51	18°31	T 16
F 17	21 43 50	24°44'58	14°32	11°16	13°49	18°19	26° 9	20°44	4° 9	5°10	7°25	29°33	1° 1	1°57	18°28	F 17
S 18	21 47 47	25°42'38	26°27	13° 8	14°57	18°57	26° 3	20°43	4° 7	5° 8	7°26	29°28	0°58	2° 4	18°26	S 18
S 19	21 51 43	26°40'20	8♍26	15° 3	16° 5	19°35	25°57	20°42	4° 5	5° 7	7°27	29°24	0°55	2°11	18°23	S 19
M20	21 55 40	27°38'03	20°32	16°59	17°14	20°13	25°51	20°42	4° 3	5° 5	7°28	29°22	0°52	2°17	18°21	M20
T 21	21 59 36	28°35'47	2♎46	18°57	18°22	20°51	25°45	20°41	4° 1	5° 4	7°29	29°D22	0°48	2°24	18°18	T 21
W22	22 3 33	29°33'32	15°12	20°57	19°31	21°29	25°39	20°41	3°59	5° 2	7°30	29°23	0°45	2°31	18°15	W22
T 23	22 7 30	0♍31'19	27°50	22°57	20°40	22° 7	25°32	20°41	3°57	5° 1	7°31	29°24	0°42	2°37	18°13	T 23
F 24	22 11 26	1°29'07	10♏45	24°57	21°48	22°46	25°26	20°41	3°54	5° 0	7°31	29°26	0°39	2°44	18°10	F 24
S 25	22 15 23	2°26'55	23°59	26°58	22°57	23°24	25°19	20°D41	3°52	4°58	7°32	29°27	0°36	2°51	18° 7	S 25
S 26	22 19 19	3°24'45	7♐35	28°58	24° 7	24° 2	25°12	20°41	3°50	4°57	7°33	29°R27	0°33	2°58	18° 5	S 26
M27	22 23 16	4°22'37	21°34	0♍58	25°16	24°40	25° 5	20°41	3°49	4°55	7°34	29°26	0°29	3° 4	18° 2	M27
T 28	22 27 12	5°20'29	5♑54	2°58	26°25	25°18	24°58	20°41	3°47	4°54	7°35	29°24	0°26	3°11	17°59	T 28
W29	22 31 9	6°18'23	20°34	4°57	27°35	25°57	24°51	20°42	3°45	4°53	7°36	29°22	0°23	3°18	17°56	W29
T 30	22 35 5	7°16'18	5♒29	6°55	28°44	26°35	24°44	20°42	3°43	4°51	7°37	29°19	0°20	3°24	17°53	T 30
F 31	22 39 2	8♍14'14	20♒30	8♍52	29♋54	27♍13	24♓37	20♐43	3♒41	4♒50	7♋38	29♍16	0♎17	3♌31	17♓51	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17n53	17s55	5n 1	19n 2	2s47	20n56	2s25	9n24	1n 1	2s21	1s24	21s48	1n19	19s40	0s38	18s37	0n15	18n26	4s48	0s11	0s45	15n40	0n21	5n 4
T 2	17 37	16 17	4 35	19 12	2 31	21 1	2 22	9 10	1 1	2 22	1 24	21 48	1 19	19 40	0 38	18 37	0 15	18 26	4 48	0 8	0 43	15 39	0 21	5 4
F 3	17 22	13 30	3 49	19 21	2 16	21 5	2 19	8 56	1 0	2 24	1 24	21 48	1 19	19 41	0 38	18 38	0 15	18 26	4 48	0 5	0 42	15 38	0 20	5 4
S 4	17 6	9 48	2 48	19 29	2 0	21 9	2 16	8 41	1 0	2 25	1 24	21 48	1 19	19 41	0 38	18 38	0 15	18 26	4 48	0 3	0 41	15 37	0 19	5 5
S 5	16 50	5 32	1 35	19 35	1 44	21 12	2 13	8 26	0 59	2 27	1 25	21 48	1 18	19 42	0 38	18 38	0 15	18 25	4 48	0 2	0 39	15 36	0 18	5 5
M 6	16 33	1 3	0 18	19 40	1 29	21 15	2 10	8 12	0 59	2 29	1 25	21 48	1 18	19 43	0 38	18 39	0 15	18 25	4 48	0 1	0 38	15 35	0 18	5 5
T 7	16 16	3n21	0s57	19 44	1 13	21 17	2 6	7 57	0 59	2 31	1 25	21 48	1 18	19 43	0 38	18 39	0 15	18 25	4 48	0 1	0 37	15 34	0 17	5 5
W 8	15 59	7 27	2 8	19 46	0 58	21 19	2 3	7 42	0 58	2 33	1 25	21 48	1 18	19 44	0 38	18 40	0 15	18 25	4 48	0 2	0 36	15 33	0 16	5 5
T 9	15 42	11 1	3 9	19 46	0 43	21 20	2 0	7 27	0 58	2 34	1 26	21 49	1 18	19 44	0 38	18 40	0 15	18 25	4 48	0 2	0 34	15 32	0 15	5 5
F 10	15 25	13 58	3 59	19 43	0 28	21 21	1 56	7 12	0 57	2 36	1 26	21 49	1 18	19 45	0 38	18 40	0 15	18 25	4 48	0 2	0 33	15 31	0 15	5 5
S 11	15 7	16 11	4 36	19 39	0 14	21 21	1 53	6 57	0 57	2 39	1 26	21 49	1 17	19 45	0 38	18 41	0 15	18 25	4 48	0 2	0 32	15 30	0 14	5 5
S 12	14 49	17 37	5 0	19 31	0 1	21 21	1 49	6 42	0 56	2 41	1 26	21 49	1 17	19 46	0 38	18 41	0 15	18 25	4 48	0 1	0 31	15 29	0 13	5 5
M13	14 31	18 13	5 10	19 22	0n12	21 20	1 46	6 27	0 56	2 43	1 27	21 49	1 17	19 46	0 38	18 42	0 15	18 25	4 48	0n 1	0 29	15 28	0 12	5 6
T 14	14 12	18 1	5 6	19 10	0 24	21 18	1 42	6 12	0 55	2 45	1 27	21 49	1 17	19 47	0 38	18 42	0 15	18 25	4 48	0 3	0 28	15 27	0 11	5 6
W15	13 54	17 2	4 50	18 55	0 36	21 16	1 39	5 57	0 55	2 47	1 27	21 49	1 17	19 47	0 38	18 42	0 15	18 25	4 48	0 6	0 27	15 26	0 10	5 6
T 16	13 35	15 19	4 21	18 37	0 46	21 14	1 35	5 42	0 55	2 50	1 27	21 49	1 16	19 48	0 38	18 43	0 15	18 25	4 48	0 8	0 26	15 25	0 9	5 6
F 17	13 16	12 56	3 40	18 17	0 56	21 11	1 32	5 27	0 54	2 52	1 28	21 49	1 16	19 48	0 38	18 43	0 15	18 24	4 48	0 11	0 24	15 24	0 8	5 6
S 18	12 56	10 1	2 50	17 54	1 5	21 7	1 28	5 11	0 54	2 55	1 28	21 50	1 16	19 49	0 38	18 44	0 15	18 24	4 48	0 13	0 23	15 23	0 7	5 6
S 19	12 37	6 40	1 52	17 28	1 13	21 3	1 25	4 56	0 53	2 57	1 28	21 50	1 16	19 50	0 38	18 44	0 15	18 24	4 48	0 14	0 22	15 22	0 6	5 6
M20	12 17	3 0	0 48	17 0	1 20	20 58	1 21	4 41	0 53	3 0	1 28	21 50	1 16	19 50	0 38	18 44	0 15	18 24	4 49	0 15	0 21	15 21	0 5	5 6
T 21	11 57	0s49	0n19	16 30	1 26	20 53	1 17	4 25	0 52	3 3	1 29	21 50	1 15	19 50	0 38	18 45	0 15	18 24	4 49	0 15	0 19	15 20	0 5	5 6
W22	11 37	4 40	1 26	15 57	1 32	20 47	1 14	4 10	0 52	3 5	1 29	21 50	1 15	19 51	0 38	18 45	0 15	18 24	4 49	0 15	0 18	15 19	0 4	5 6
T 23	11 17	8 22	2 30	15 22	1 36	20 41	1 10	3 55	0 51	3 8	1 29	21 50	1 15	19 51	0 38	18 45	0 15	18 24	4 49	0 14	0 17	15 18	0 2	5 6
F 24	10 56	11 44	3 28	14 45	1 40	20 34	1 6	3 39	0 51	3 11	1 29	21 51	1 15	19 52	0 38	18 46	0 15	18 24	4 49	0 13	0 15	15 17	0 1	5 6
S 25	10 36	14 36	4 16	14 7	1 42	20 26	1 3	3 24	0 50	3 14	1 29	21 51	1 15	19 52	0 38	18 46	0 15	18 24	4 49	0 13	0 14	15 16	0 0	5 6
S 26	10 15	16 45	4 52	13 27	1 44	20 18	0 59	3 8	0 50	3 16	1 29	21 51	1 14	19 53	0 38	18 46	0 15	18 24	4 49	0 13	0 13	15 15	0s 1	5 6
M27	9 54	17 58	5 12	12 46	1 46	20 9	0 55	2 52	0 50	3 19	1 30	21 51	1 14	19 53	0 38	18 47	0 15	18 24	4 49	0 13	0 12	15 14	0 2	5 6
T 28	9 33	18 5	5 12	12 3	1 46	20 0	0 52	2 37	0 49	3 22	1 30	21 51	1 14	19 54	0 38	18 47	0 15	18 24	4 49	0 14	0 10	15 13	0 3	5 6
W29	9 11	17 0	4 53	11 20	1 46	19 51	0 48	2 21	0 49	3 25	1 30	21 52	1 14	19 54	0 38	18 47	0 15	18 23	4 49	0 15	0 9	15 11	0 4	5 6
T 30	8 50	14 46	4 14	10 35	1 45	19 40	0 44	2 6	0 48	3 28	1 30	21 52	1 14	19 55	0 37	18 48	0 15	18 23	4 49	0 16	0 8	15 10	0 5	5 6
F 31	8n28	11s31	3n18	9n50	1n43	19n29	0s41	1n50	0n48	3s31	1s30	21s52	1n14	19s55	0s37	18s48	0n15	18n23	4s49	0n17	0s 7	15n 9	0s 6	5n 6

Julian Day Number = 2511657.5, Delta T = 132.23 sec
Ecliptic obliquity = 23°24'55, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°02'24, Lahiri = 26°09'25

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2164
geocentric

SEPTEMBER 2164 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 42 59	9♍12'11	5♓30	10♍48	1♌ 4	27♍52	24°R29	20♐44	3°R39	4°R49	7♋38	29°R14	0♎14	3♌38	17°R48	S 1
S 2	22 46 55	10°10'11	20°18	12°43	2°14	28°30	24♓22	20°44	3♒37	4♒48	7°39	29♍13	0°10	3°44	17♓45	S 2
M 3	22 50 52	11° 8'11	4♈49	14°37	3°24	29° 9	24°14	20°45	3°36	4°46	7°40	29°D13	0° 7	3°51	17°42	M 3
T 4	22 54 48	12° 6'14	18°57	16°30	4°34	29°47	24° 7	20°46	3°34	4°45	7°41	29°14	0° 4	3°58	17°39	T 4
W 5	22 58 45	13° 4'18	2♉40	18°22	5°44	0♎26	23°59	20°47	3°32	4°44	7°41	29°15	0° 1	4° 5	17°36	W 5
T 6	23 2 41	14° 2'25	15°56	20°12	6°55	1° 4	23°51	20°48	3°31	4°43	7°42	29°16	29♍58	4°11	17°34	T 6
F 7	23 6 38	15° 0'33	28°49	22° 2	8° 5	1°43	23°44	20°50	3°29	4°42	7°43	29°17	29°54	4°18	17°31	F 7
S 8	23 10 34	15°58'43	11♊20	23°50	9°16	2°22	23°36	20°51	3°27	4°41	7°44	29°R18	29°51	4°25	17°28	S 8
S 9	23 14 31	16°56'55	23°35	25°37	10°27	3° 0	23°28	20°52	3°26	4°39	7°44	29°17	29°48	4°31	17°25	S 9
M10	23 18 27	17°55'10	5♋38	27°22	11°37	3°39	23°20	20°54	3°24	4°38	7°45	29°17	29°45	4°38	17°22	M10
T 11	23 22 24	18°53'26	17°33	29° 7	12°48	4°18	23°12	20°56	3°23	4°37	7°45	29°16	29°42	4°45	17°19	T 11
W12	23 26 21	19°51'44	29°24	0♎50	13°59	4°57	23° 4	20°57	3°21	4°36	7°46	29°15	29°39	4°51	17°16	W12
T 13	23 30 17	20°50'04	11♌15	2°33	15°10	5°35	22°56	20°59	3°20	4°35	7°47	29°13	29°35	4°58	17°14	T 13
F 14	23 34 14	21°48'27	23° 9	4°14	16°22	6°14	22°48	21° 1	3°19	4°34	7°47	29°12	29°32	5° 5	17°11	F 14
S 15	23 38 10	22°46'51	5♍10	5°54	17°33	6°53	22°40	21° 3	3°17	4°33	7°48	29°11	29°29	5°12	17° 8	S 15
S 16	23 42 7	23°45'17	17°19	7°33	18°44	7°32	22°32	21° 5	3°16	4°32	7°48	29°11	29°26	5°18	17° 5	S 16
M17	23 46 3	24°43'45	29°38	9°10	19°56	8°11	22°24	21° 7	3°15	4°31	7°49	29°D11	29°23	5°25	17° 2	M17
T 18	23 50 0	25°42'14	12♎ 8	10°47	21° 7	8°50	22°16	21°10	3°14	4°31	7°49	29°11	29°19	5°32	16°59	T 18
W19	23 53 56	26°40'46	24°51	12°23	22°19	9°29	22° 8	21°12	3°13	4°30	7°49	29°11	29°16	5°38	16°56	W19
T 20	23 57 53	27°39'19	7♏47	13°57	23°31	10° 8	22° 1	21°15	3°12	4°29	7°50	29°11	29°13	5°45	16°54	T 20
F 21	0 1 50	28°37'54	20°58	15°31	24°43	10°47	21°53	21°17	3°11	4°28	7°50	29°12	29°10	5°52	16°51	F 21
S 22	0 5 46	29°36'31	4♐23	17° 4	25°55	11°26	21°45	21°20	3°10	4°27	7°51	29°R12	29° 7	5°58	16°48	S 22
S 23	0 9 43	0♎35'09	18° 3	18°35	27° 7	12° 6	21°37	21°23	3° 9	4°27	7°51	29°11	29° 4	6° 5	16°45	S 23
M24	0 13 39	1°33'49	1♑58	20° 6	28°19	12°45	21°29	21°25	3° 8	4°26	7°51	29°D11	29° 0	6°12	16°43	M24
T 25	0 17 36	2°32'31	16° 7	21°35	29°31	13°24	21°22	21°28	3° 7	4°25	7°52	29°12	28°57	6°18	16°40	T 25
W26	0 21 32	3°31'15	0♒29	23° 4	0♍43	14° 3	21°14	21°31	3° 6	4°25	7°52	29°12	28°54	6°25	16°37	W26
T 27	0 25 29	4°30'00	14°59	24°31	1°55	14°43	21° 6	21°34	3° 5	4°24	7°52	29°12	28°51	6°32	16°34	T 27
F 28	0 29 25	5°28'46	29°35	25°58	3° 8	15°22	20°59	21°38	3° 5	4°23	7°52	29°13	28°48	6°39	16°32	F 28
S 29	0 33 22	6°27'35	14♓11	27°23	4°20	16° 2	20°51	21°41	3° 4	4°23	7°53	29°13	28°45	6°45	16°29	S 29
S 30	0 37 19	7♎26'25	28♓40	28♎47	5♍33	16♎41	20♓44	21♐44	3♒ 3	4♒22	7♋53	29°R13	28♍41	6♌52	16♓27	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	8n 7	7s31	2n 7	9n 4	1n41	19n18	0s37	1n34	0n47	3s34	1s30	21s52	1n13	19s55	0s37	18s48	0n15	18n23	4s49	0n18	0s 5	15n 8	0s 7	5n 6	S 1
S 2	7 45	3 5	0 49	8 18	1 39	19 6	0 33	1 18	0 47	3 37	1 31	21 53	1 13	19 56	0 37	18 49	0 15	18 23	4 49	0 19	0 4	15 7	0 8	5 6	S 2
M 3	7 23	1n26	0s31	7 31	1 35	18 54	0 30	1 3	0 46	3 40	1 31	21 53	1 13	19 56	0 37	18 49	0 14	18 23	4 49	0 19	0 3	15 6	0 9	5 6	M 3
T 4	7 1	5 46	1 47	6 44	1 32	18 41	0 26	0 47	0 46	3 44	1 31	21 53	1 13	19 57	0 37	18 49	0 14	18 23	4 49	0 18	0 2	15 5	0 10	5 6	T 4
W 5	6 39	9 39	2 55	5 57	1 28	18 27	0 23	0 31	0 45	3 47	1 31	21 53	1 13	19 57	0 37	18 50	0 14	18 23	4 49	0 18	0 0	15 4	0 12	5 6	W 5
T 6	6 16	12 55	3 51	5 9	1 23	18 13	0 19	0 16	0 45	3 50	1 31	21 54	1 12	19 57	0 37	18 50	0 14	18 23	4 49	0 17	0n 1	15 3	0 13	5 6	T 6
F 7	5 54	15 26	4 33	4 22	1 19	17 59	0 15	0s 0	0 44	3 53	1 31	21 54	1 12	19 58	0 37	18 50	0 14	18 23	4 49	0 17	0 2	15 2	0 14	5 6	F 7
S 8	5 31	17 9	5 1	3 34	1 13	17 44	0 12	0 16	0 44	3 56	1 31	21 54	1 12	19 58	0 37	18 51	0 14	18 23	4 49	0 17	0 3	15 1	0 15	5 6	S 8
S 9	5 9	18 1	5 15	2 47	1 8	17 28	0 8	0 32	0 43	3 59	1 31	21 54	1 12	19 58	0 37	18 51	0 14	18 22	4 49	0 17	0 5	15 0	0 16	5 6	S 9
M10	4 46	18 3	5 15	2 0	1 2	17 12	0 5	0 48	0 43	4 3	1 31	21 55	1 12	19 59	0 37	18 51	0 14	18 22	4 49	0 17	0 6	14 59	0 17	5 6	M10
T 11	4 23	17 18	5 1	1 13	0 56	16 56	0 2	1 3	0 42	4 6	1 32	21 55	1 11	19 59	0 37	18 51	0 14	18 22	4 49	0 18	0 7	14 58	0 19	5 6	T 11
W12	4 1	15 47	4 34	0 26	0 50	16 38	0n 2	1 19	0 42	4 9	1 32	21 55	1 11	19 59	0 37	18 52	0 14	18 22	4 50	0 18	0 9	14 57	0 20	5 6	W12
T 13	3 38	13 36	3 56	0s20	0 44	16 21	0 5	1 35	0 41	4 12	1 32	21 56	1 11	20 0	0 37	18 52	0 14	18 22	4 50	0 19	0 10	14 56	0 21	5 5	T 13
F 14	3 15	10 51	3 7	1 7	0 37	16 3	0 8	1 51	0 41	4 15	1 32	21 56	1 11	20 0	0 37	18 52	0 14	18 22	4 50	0 19	0 11	14 55	0 22	5 5	F 14
S 15	2 52	7 36	2 9	1 52	0 30	15 45	0 12	2 7	0 40	4 19	1 32	21 56	1 11	20 0	0 37	18 52	0 14	18 22	4 50	0 19	0 12	14 53	0 23	5 5	S 15
S 16	2 29	4 0	1 5	2 38	0 23	15 26	0 15	2 23	0 40	4 22	1 32	21 57	1 10	20 1	0 37	18 53	0 14	18 22	4 50	0 19	0 14	14 52	0 24	5 5	S 16
M17	2 6	0 11	0n 2	3 23	0 16	15 6	0 18	2 38	0 39	4 25	1 32	21 57	1 10	20 1	0 37	18 53	0 14	18 22	4 50	0 20	0 15	14 51	0 26	5 5	M17
T 18	1 42	3s42	1 11	4 7	0 9	14 47	0 21	2 54	0 39	4 28	1 32	21 57	1 10	20 1	0 37	18 53	0 14	18 22	4 50	0 19	0 16	14 50	0 27	5 5	T 18
W19	1 19	7 29	2 18	4 51	0 2	14 26	0 24	3 10	0 38	4 31	1 32	21 58	1 10	20 1	0 37	18 53	0 14	18 22	4 50	0 19	0 17	14 49	0 28	5 5	W19
T 20	0 56	10 58	3 18	5 35	0s 5	14 6	0 27	3 26	0 38	4 34	1 32	21 58	1 10	20 2	0 37	18 53	0 14	18 22	4 50	0 19	0 19	14 48	0 29	5 5	T 20
F 21	0 33	13 58	4 10	6 18	0 13	13 45	0 30	3 41	0 37	4 38	1 32	21 58	1 10	20 2	0 37	18 54	0 14	18 21	4 50	0 19	0 20	14 47	0 30	5 5	F 21
S 22	0 9	16 16	4 48	7 1	0 20	13 23	0 33	3 57	0 37	4 41	1 32	21 59	1 9	20 2	0 37	18 54	0 14	18 21	4 50	0 19	0 21	14 46	0 32	5 5	S 22
S 23	0s14	17 42	5 11	7 42	0 28	13 2	0 36	4 13	0 36	4 44	1 32	21 59	1 9	20 2	0 37	18 54	0 14	18 21	4 50	0 19	0 22	14 45	0 33	5 4	S 23
M24	0 37	18 7	5 17	8 24	0 35	12 40	0 39	4 29	0 36	4 47	1 32	21 59	1 9	20 2	0 37	18 54	0 14	18 21	4 50	0 19	0 24	14 44	0 34	5 4	M24
T 25	1 1	17 25	5 4	9 4	0 43	12 17	0 42	4 44	0 35	4 50	1 32	22 0	1 9	20 3	0 37	18 54	0 14	18 21	4 50	0 19	0 25	14 43	0 35	5 4	T 25
W26	1 24	15 36	4 31	9 44	0 51	11 54	0 44	5 0	0 35	4 53	1 32	22 0	1 9	20 3	0 37	18 55	0 14	18 21	4 50	0 19	0 26	14 41	0 36	5 4	W26
T 27	1 47	12 47	3 42	10 24	0 58	11 31	0 47	5 16	0 34	4 56	1 32	22 1	1 8	20 3	0 37	18 55	0 14	18 21	4 50	0 19	0 27	14 40	0 38	5 4	T 27
F 28	2 10	9 9	2 37	11 2	1 6	11 7	0 50	5 31	0 34	4 59	1 32	22 1	1 8	20 3	0 37	18 55	0 14	18 21	4 50	0 19	0 29	14 39	0 39	5 4	F 28
S 29	2 34	4 57	1 23	11 40	1 13	10 43	0 52	5 47	0 33	5 2	1 32	22 1	1 8	20 3	0 37	18 55	0 14	18 21	4 51	0 19	0 30	14 38	0 40	5 3	S 29
S 30	2s57	0s29	0n 3	12s17	1s21	10n19	0n55	6s 3	0n33	5s 4	1s32	22s 2	1n 8	20s 3	0s37	18s55	0n14	18n21	4s51	0n19	0n31	14n37	0s41	5n 3	S 30

Julian Day Number = 2511688.5, Delta T = 132.30 sec
Ecliptic obliquity = 23°24'55, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°02'29, Lahiri = 26°09'29

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2164
geocentric

OCTOBER 2164 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 41 15	8♎25'17	12♈57	0♏11	6♍45	17♎20	20°R37	21♐48	3°R 3	4°R22	7♋53	29°R13	28♍38	6♌59	16°R24	M 1
T 2	0 45 12	9°24'11	26°57	1°33	7°58	18° 0	20♓30	21°51	3♒ 2	4♒21	7°53	29♍12	28°35	7° 5	16♓21	T 2
W 3	0 49 8	10°23'08	10♉36	2°54	9°11	18°40	20°23	21°55	3° 2	4°21	7°53	29°11	28°32	7°12	16°19	W 3
T 4	0 53 5	11°22'06	23°54	4°13	10°24	19°19	20°16	21°59	3° 1	4°21	7°53	29°10	28°29	7°19	16°16	T 4
F 5	0 57 1	12°21'07	6♊49	5°32	11°37	19°59	20° 9	22° 2	3° 1	4°20	7°53	29° 8	28°25	7°25	16°14	F 5
S 6	1 0 58	13°20'10	19°24	6°49	12°50	20°38	20° 2	22° 6	3° 1	4°20	7°53	29° 6	28°22	7°32	16°11	S 6
S 7	1 4 54	14°19'16	1♋41	8° 5	14° 3	21°18	19°56	22°10	3° 0	4°20	7°53	29° 5	28°19	7°39	16° 9	S 7
M 8	1 8 51	15°18'23	13°45	9°19	15°16	21°58	19°49	22°14	3° 0	4°19	7°R53	29°D 5	28°16	7°45	16° 6	M 8
T 9	1 12 47	16°17'33	25°40	10°32	16°29	22°38	19°43	22°18	3° 0	4°19	7°53	29° 5	28°13	7°52	16° 4	T 9
W10	1 16 44	17°16'45	7♌31	11°43	17°42	23°18	19°37	22°22	3° 0	4°19	7°53	29° 6	28°10	7°59	16° 2	W10
T 11	1 20 41	18°16'00	19°23	12°52	18°56	23°57	19°30	22°27	3° 0	4°19	7°53	29° 8	28° 6	8° 6	15°59	T 11
F 12	1 24 37	19°15'17	1♍20	14° 0	20° 9	24°37	19°24	22°31	3°D 0	4°18	7°53	29° 9	28° 3	8°12	15°57	F 12
S 13	1 28 34	20°14'36	13°26	15° 5	21°22	25°17	19°19	22°35	3° 0	4°18	7°53	29°11	28° 0	8°19	15°55	S 13
S 14	1 32 30	21°13'57	25°44	16° 8	22°36	25°57	19°13	22°40	3° 0	4°18	7°53	29°R11	27°57	8°26	15°53	S 14
M15	1 36 27	22°13'20	8♎17	17° 9	23°50	26°37	19° 8	22°44	3° 0	4°18	7°53	29°11	27°54	8°32	15°51	M15
T 16	1 40 23	23°12'45	21° 6	18° 7	25° 3	27°18	19° 2	22°49	3° 0	4°D18	7°53	29°10	27°51	8°39	15°48	T 16
W17	1 44 20	24°12'12	4♏11	19° 2	26°17	27°58	18°57	22°54	3° 0	4°18	7°52	29° 7	27°47	8°46	15°46	W17
T 18	1 48 16	25°11'42	17°32	19°53	27°31	28°38	18°52	22°58	3° 0	4°18	7°52	29° 3	27°44	8°52	15°44	T 18
F 19	1 52 13	26°11'13	1♐ 7	20°42	28°44	29°18	18°47	23° 3	3° 1	4°18	7°52	28°59	27°41	8°59	15°42	F 19
S 20	1 56 10	27°10'46	14°54	21°26	29°58	29°58	18°42	23° 8	3° 1	4°19	7°52	28°55	27°38	9° 6	15°40	S 20
S 21	2 0 6	28°10'21	28°50	22° 6	1♎12	0♏39	18°38	23°13	3° 2	4°19	7°51	28°51	27°35	9°12	15°39	S 21
M22	2 4 3	29° 9'58	12♑53	22°41	2°26	1°19	18°34	23°18	3° 2	4°19	7°51	28°49	27°31	9°19	15°37	M22
T 23	2 7 59	0♏ 9'37	27° 0	23°11	3°40	1°59	18°30	23°23	3° 3	4°19	7°51	28°D48	27°28	9°26	15°35	T 23
W24	2 11 56	1° 9'17	11♒11	23°35	4°54	2°40	18°26	23°28	3° 3	4°19	7°50	28°48	27°25	9°33	15°33	W24
T 25	2 15 52	2° 8'58	25°22	23°53	6° 8	3°20	18°22	23°34	3° 4	4°20	7°50	28°49	27°22	9°39	15°31	T 25
F 26	2 19 49	3° 8'42	9♓33	24° 4	7°22	4° 1	18°18	23°39	3° 5	4°20	7°49	28°51	27°19	9°46	15°30	F 26
S 27	2 23 45	4° 8'27	23°40	24°R 8	8°37	4°41	18°15	23°44	3° 5	4°20	7°49	28°R52	27°16	9°53	15°28	S 27
S 28	2 27 42	5° 8'14	7♈42	24° 3	9°51	5°22	18°12	23°50	3° 6	4°21	7°49	28°52	27°12	9°59	15°26	S 28
M29	2 31 39	6° 8'02	21°34	23°50	11° 5	6° 3	18° 9	23°55	3° 7	4°21	7°48	28°50	27° 9	10° 6	15°25	M29
T 30	2 35 35	7° 7'53	5♉15	23°28	12°19	6°43	18° 6	24° 1	3° 8	4°22	7°48	28°46	27° 6	10°13	15°23	T 30
W31	2 39 32	8♏ 7'45	18♉41	22♏57	13♎34	7♏24	18♓ 3	24♐ 6	3♒ 9	4♒22	7♋47	28♍40	27♍ 3	10♌19	15♓22	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	3s20	3n57	1s15	12s54	1s28	9n54	0n57	6s18	0n32	5s 7	1s32	22s 2	1n 8	20s 3	0s37	18s55	0n14	18n21	4s51	0n19	0n33	14n36	0s42	5n 3
T 2	3 43	8 5	2 28	13 29	1 35	9 30	0 59	6 34	0 32	5 10	1 32	22 2	1 8	20 3	0 37	18 56	0 14	18 21	4 51	0 19	0 34	14 35	0 43	5 3
W 3	4 6	11 40	3 30	14 4	1 42	9 4	1 2	6 49	0 31	5 13	1 31	22 3	1 7	20 4	0 37	18 56	0 14	18 21	4 51	0 19	0 35	14 34	0 45	5 3
T 4	4 30	14 33	4 19	14 38	1 50	8 39	1 4	7 5	0 31	5 15	1 31	22 3	1 7	20 4	0 37	18 56	0 14	18 21	4 51	0 20	0 36	14 32	0 46	5 3
F 5	4 53	16 37	4 53	15 11	1 56	8 13	1 6	7 20	0 30	5 18	1 31	22 4	1 7	20 4	0 37	18 56	0 14	18 20	4 51	0 21	0 38	14 31	0 47	5 2
S 6	5 16	17 49	5 12	15 43	2 3	7 47	1 8	7 36	0 30	5 20	1 31	22 4	1 7	20 4	0 37	18 56	0 14	18 20	4 51	0 21	0 39	14 30	0 48	5 2
S 7	5 38	18 8	5 16	16 14	2 10	7 21	1 10	7 51	0 29	5 23	1 31	22 4	1 7	20 4	0 37	18 56	0 14	18 20	4 51	0 22	0 40	14 29	0 49	5 2
M 8	6 1	17 38	5 6	16 44	2 16	6 55	1 12	8 6	0 29	5 25	1 31	22 5	1 7	20 4	0 37	18 56	0 14	18 20	4 51	0 22	0 41	14 28	0 50	5 2
T 9	6 24	16 21	4 43	17 13	2 23	6 28	1 14	8 21	0 28	5 28	1 31	22 5	1 6	20 4	0 37	18 56	0 14	18 20	4 51	0 22	0 43	14 27	0 51	5 1
W10	6 47	14 22	4 8	17 41	2 29	6 1	1 16	8 37	0 28	5 30	1 31	22 6	1 6	20 4	0 37	18 56	0 14	18 20	4 51	0 21	0 44	14 26	0 52	5 1
T 11	7 9	11 47	3 22	18 8	2 34	5 34	1 18	8 52	0 27	5 32	1 31	22 6	1 6	20 4	0 37	18 56	0 14	18 20	4 51	0 21	0 45	14 25	0 54	5 1
F 12	7 32	8 41	2 28	18 34	2 40	5 7	1 19	9 7	0 27	5 35	1 30	22 6	1 6	20 4	0 37	18 56	0 14	18 20	4 51	0 20	0 46	14 23	0 55	5 1
S 13	7 54	5 11	1 26	18 58	2 45	4 39	1 21	9 22	0 26	5 37	1 30	22 7	1 6	20 4	0 37	18 56	0 14	18 20	4 51	0 20	0 48	14 22	0 56	5 1
S 14	8 16	1 24	0 19	19 21	2 50	4 12	1 22	9 37	0 26	5 39	1 30	22 7	1 6	20 4	0 37	18 56	0 14	18 20	4 51	0 19	0 49	14 21	0 57	5 0
M15	8 39	2s31	0n50	19 43	2 54	3 44	1 24	9 52	0 25	5 41	1 30	22 8	1 5	20 4	0 37	18 56	0 14	18 20	4 51	0 19	0 50	14 20	0 58	5 0
T 16	9 1	6 24	1 58	20 3	2 58	3 16	1 25	10 7	0 25	5 43	1 30	22 8	1 5	20 4	0 37	18 56	0 14	18 20	4 52	0 20	0 51	14 19	0 59	5 0
W17	9 23	10 4	3 1	20 22	3 2	2 48	1 27	10 22	0 24	5 45	1 30	22 8	1 5	20 4	0 36	18 57	0 14	18 20	4 52	0 21	0 53	14 18	1 0	5 0
T 18	9 44	13 17	3 55	20 39	3 5	2 20	1 28	10 37	0 23	5 46	1 30	22 9	1 5	20 3	0 36	18 57	0 14	18 20	4 52	0 23	0 54	14 17	1 1	4 59
F 19	10 6	15 50	4 37	20 55	3 7	1 52	1 29	10 51	0 23	5 48	1 29	22 9	1 5	20 3	0 36	18 57	0 14	18 20	4 52	0 24	0 55	14 15	1 2	4 59
S 20	10 27	17 32	5 4	21 8	3 9	1 23	1 30	11 6	0 22	5 50	1 29	22 10	1 5	20 3	0 36	18 56	0 14	18 20	4 52	0 26	0 56	14 14	1 3	4 59
S 21	10 49	18 12	5 13	21 20	3 10	0 55	1 31	11 21	0 22	5 51	1 29	22 10	1 5	20 3	0 36	18 56	0 14	18 20	4 52	0 27	0 58	14 13	1 4	4 59
M22	11 10	17 45	5 4	21 29	3 10	0 26	1 32	11 35	0 21	5 53	1 29	22 10	1 4	20 3	0 36	18 56	0 14	18 20	4 52	0 28	0 59	14 12	1 5	4 58
T 23	11 31	16 13	4 36	21 37	3 10	0s 2	1 33	11 50	0 21	5 54	1 29	22 11	1 4	20 3	0 36	18 56	0 14	18 20	4 52	0 29	1 0	14 11	1 6	4 58
W24	11 52	13 41	3 52	21 41	3 8	0 31	1 34	12 4	0 20	5 56	1 29	22 11	1 4	20 3	0 36	18 56	0 14	18 20	4 52	0 29	1 2	14 10	1 7	4 58
T 25	12 12	10 20	2 53	21 43	3 6	1 0	1 34	12 18	0 20	5 57	1 28	22 12	1 4	20 2	0 36	18 56	0 14	18 20	4 52	0 28	1 3	14 8	1 8	4 57
F 26	12 33	6 23	1 44	21 43	3 2	1 28	1 35	12 33	0 19	5 58	1 28	22 12	1 4	20 2	0 36	18 56	0 14	18 19	4 52	0 27	1 4	14 7	1 9	4 57
S 27	12 53	2 5	0 28	21 39	2 57	1 57	1 35	12 47	0 19	5 59	1 28	22 12	1 4	20 2	0 36	18 56	0 14	18 19	4 52	0 27	1 5	14 6	1 9	4 57
S 28	13 13	2n19	0s48	21 31	2 51	2 26	1 36	13 1	0 18	6 1	1 28	22 13	1 4	20 2	0 36	18 56	0 14	18 19	4 52	0 27	1 7	14 5	1 10	4 57
M29	13 33	6 32	2 1	21 21	2 43	2 54	1 36	13 15	0 18	6 2	1 28	22 13	1 3	20 2	0 36	18 56	0 13	18 19	4 52	0 28	1 8	14 4	1 11	4 56
T 30	13 53	10 21	3 5	21 6	2 33	3 23	1 37	13 29	0 17	6 2	1 27	22 14	1 3	20 1	0 36	18 56	0 13	18 19	4 52	0 29	1 9	14 3	1 12	4 56
W31	14s12	13n33	3s58	20s47	2s22	3s52	1n37	13s43	0n16	6s 3	1s27	22s14	1n 3	20s 1	0s36	18s56	0n13	18n19	4s52	0n32	1n10	14n 1	1s13	4n56

Julian Day Number = 2511718.5, Delta T = 132.36 sec
Ecliptic obliquity = 23°24'56, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°02'33, Lahiri = 26°09'33

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2164
geocentric

NOVEMBER 2164 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 43 28	9♏ 7'39	1♊50	22°R17	14♎48	8♏ 5	18°R 1	24♐12	3♒10	4♒23	7°R47	28°R33	27♍ 0	10♌26	15°R21	T 1
F 2	2 47 25	10° 7'36	14°41	21♏27	16° 3	8°46	17♓59	24°17	3°11	4°23	7♋46	28♍26	26°56	10°33	15♓19	F 2
S 3	2 51 21	11° 7'34	27°15	20°29	17°17	9°26	17°57	24°23	3°12	4°24	7°45	28°19	26°53	10°39	15°18	S 3
S 4	2 55 18	12° 7'35	9♋32	19°23	18°32	10° 7	17°55	24°29	3°13	4°24	7°45	28°13	26°50	10°46	15°17	S 4
M 5	2 59 14	13° 7'38	21°36	18°12	19°46	10°48	17°53	24°35	3°14	4°25	7°44	28° 8	26°47	10°53	15°16	M 5
T 6	3 3 11	14° 7'42	3♌31	16°55	21° 1	11°29	17°52	24°41	3°15	4°26	7°44	28° 6	26°44	10°59	15°15	T 6
W 7	3 7 8	15° 7'49	15°22	15°37	22°15	12°10	17°50	24°47	3°17	4°27	7°43	28°D 5	26°41	11° 6	15°13	W 7
T 8	3 11 4	16° 7'58	27°12	14°19	23°30	12°51	17°49	24°53	3°18	4°27	7°42	28° 5	26°37	11°13	15°12	T 8
F 9	3 15 1	17° 8'09	9♍ 9	13° 3	24°45	13°32	17°49	24°59	3°19	4°28	7°42	28° 7	26°34	11°19	15°11	F 9
S 10	3 18 57	18° 8'22	21°17	11°53	26° 0	14°14	17°48	25° 5	3°21	4°29	7°41	28° 8	26°31	11°26	15°11	S 10
S 11	3 22 54	19° 8'37	3♎40	10°50	27°14	14°55	17°48	25°11	3°22	4°30	7°40	28°R 8	26°28	11°33	15°10	S 11
M12	3 26 50	20° 8'53	16°22	9°56	28°29	15°36	17°D47	25°17	3°24	4°31	7°39	28° 6	26°25	11°40	15° 9	M12
T 13	3 30 47	21° 9'12	29°25	9°12	29°44	16°17	17°48	25°23	3°25	4°32	7°39	28° 2	26°22	11°46	15° 8	T 13
W14	3 34 43	22° 9'33	12♏51	8°40	0♏59	16°59	17°48	25°30	3°27	4°33	7°38	27°56	26°18	11°53	15° 8	W14
T 15	3 38 40	23° 9'55	26°37	8°19	2°14	17°40	17°48	25°36	3°29	4°34	7°37	27°47	26°15	12° 0	15° 7	T 15
F 16	3 42 36	24°10'19	10♐40	8°D10	3°29	18°21	17°49	25°42	3°30	4°35	7°36	27°38	26°12	12° 6	15° 6	F 16
S 17	3 46 33	25°10'45	24°56	8°13	4°44	19° 3	17°50	25°49	3°32	4°36	7°35	27°28	26° 9	12°13	15° 6	S 17
S 18	3 50 30	26°11'12	9♑18	8°26	5°59	19°44	17°51	25°55	3°34	4°37	7°35	27°19	26° 6	12°20	15° 5	S 18
M19	3 54 26	27°11'40	23°40	8°49	7°14	20°26	17°52	26° 2	3°36	4°38	7°34	27°13	26° 2	12°26	15° 5	M19
T 20	3 58 23	28°12'10	8♒ 0	9°21	8°29	21° 8	17°53	26° 8	3°38	4°39	7°33	27° 9	25°59	12°33	15° 5	T 20
W21	4 2 19	29°12'41	22°12	10° 1	9°44	21°49	17°55	26°15	3°40	4°40	7°32	27° 7	25°56	12°40	15° 4	W21
T 22	4 6 16	0♐13'13	6♓16	10°48	10°59	22°31	17°57	26°21	3°42	4°41	7°31	27°D 7	25°53	12°46	15° 4	T 22
F 23	4 10 12	1°13'46	20°10	11°42	12°14	23°13	17°59	26°28	3°44	4°43	7°30	27°R 7	25°50	12°53	15° 4	F 23
S 24	4 14 9	2°14'20	3♈56	12°42	13°29	23°54	18° 1	26°35	3°46	4°44	7°29	27° 7	25°47	13° 0	15° 4	S 24
S 25	4 18 6	3°14'56	17°32	13°46	14°44	24°36	18° 4	26°41	3°48	4°45	7°28	27° 6	25°43	13° 6	15°D 4	S 25
M26	4 22 2	4°15'33	0♉58	14°55	15°59	25°18	18° 6	26°48	3°50	4°46	7°27	27° 1	25°40	13°13	15° 4	M26
T 27	4 25 59	5°16'11	14°15	16° 7	17°14	26° 0	18° 9	26°55	3°52	4°48	7°26	26°54	25°37	13°20	15° 4	T 27
W28	4 29 55	6°16'50	27°20	17°23	18°29	26°42	18°12	27° 1	3°54	4°49	7°25	26°44	25°34	13°26	15° 4	W28
T 29	4 33 52	7°17'31	10♊12	18°41	19°45	27°24	18°16	27° 8	3°57	4°51	7°24	26°32	25°31	13°33	15° 4	T 29
F 30	4 37 48	8♐18'13	22♊52	20♏ 1	21♏ 0	28♏ 6	18♓19	27♐15	3♒59	4♒52	7♋23	26♍19	25♍28	13♌40	15♓ 5	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s31	15n59	4s37	20s24	2s 9	4s20	1n37	13s56	0n16	6s 4	1s27	22s14	1n 3	20s 1	0s36	18s56	0n13	18n19	4s52	0n34	1n12	14n 0	1s14	4n55
F 2	14 50	17 34	5 0	19 57	1 55	4 49	1 37	14 10	0 15	6 5	1 27	22 15	1 3	20 1	0 36	18 56	0 13	18 19	4 52	0 37	1 13	13 59	1 14	4 55
S 3	15 9	18 14	5 9	19 26	1 39	5 17	1 37	14 23	0 15	6 5	1 26	22 15	1 3	20 0	0 36	18 55	0 13	18 19	4 52	0 40	1 14	13 58	1 15	4 55
S 4	15 28	18 2	5 3	18 51	1 21	5 46	1 37	14 37	0 14	6 6	1 26	22 15	1 3	20 0	0 36	18 55	0 13	18 19	4 52	0 43	1 15	13 57	1 16	4 54
M 5	15 46	17 1	4 44	18 13	1 2	6 14	1 37	14 50	0 14	6 6	1 26	22 16	1 3	20 0	0 36	18 55	0 13	18 19	4 53	0 44	1 17	13 55	1 17	4 54
T 6	16 4	15 15	4 12	17 33	0 42	6 42	1 37	15 3	0 13	6 7	1 26	22 16	1 2	20 0	0 36	18 55	0 13	18 19	4 53	0 45	1 18	13 54	1 17	4 54
W 7	16 21	12 52	3 30	16 50	0 21	7 10	1 36	15 17	0 12	6 7	1 26	22 17	1 2	19 59	0 36	18 55	0 13	18 19	4 53	0 46	1 19	13 53	1 18	4 53
T 8	16 39	9 56	2 39	16 8	0 1	7 38	1 36	15 30	0 12	6 7	1 25	22 17	1 2	19 59	0 36	18 55	0 13	18 19	4 53	0 46	1 20	13 52	1 19	4 53
F 9	16 56	6 34	1 41	15 26	0n20	8 6	1 36	15 42	0 11	6 7	1 25	22 17	1 2	19 59	0 36	18 55	0 13	18 19	4 53	0 45	1 22	13 51	1 19	4 53
S 10	17 13	2 53	0 37	14 46	0 39	8 33	1 35	15 55	0 11	6 7	1 25	22 18	1 2	19 58	0 36	18 54	0 13	18 19	4 53	0 45	1 23	13 49	1 20	4 53
S 11	17 29	1s 0	0n30	14 9	0 58	9 1	1 34	16 8	0 10	6 7	1 25	22 18	1 2	19 58	0 36	18 54	0 13	18 19	4 53	0 45	1 24	13 48	1 21	4 52
M12	17 46	4 57	1 37	13 36	1 15	9 28	1 34	16 21	0 10	6 7	1 24	22 18	1 2	19 57	0 36	18 54	0 13	18 19	4 53	0 45	1 26	13 47	1 21	4 52
T 13	18 2	8 46	2 40	13 8	1 30	9 55	1 33	16 33	0 9	6 7	1 24	22 19	1 2	19 57	0 36	18 54	0 13	18 19	4 53	0 47	1 27	13 46	1 22	4 52
W14	18 17	12 15	3 36	12 45	1 43	10 22	1 32	16 45	0 8	6 6	1 24	22 19	1 1	19 57	0 36	18 54	0 13	18 19	4 53	0 49	1 28	13 45	1 23	4 51
T 15	18 33	15 8	4 21	12 27	1 54	10 48	1 32	16 57	0 8	6 6	1 24	22 19	1 1	19 56	0 36	18 53	0 13	18 19	4 53	0 53	1 29	13 43	1 23	4 51
F 16	18 48	17 13	4 52	12 16	2 4	11 15	1 31	17 10	0 7	6 6	1 23	22 20	1 1	19 56	0 36	18 53	0 13	18 19	4 53	0 57	1 31	13 42	1 24	4 51
S 17	19 2	18 15	5 4	12 9	2 11	11 41	1 30	17 22	0 7	6 5	1 23	22 20	1 1	19 55	0 36	18 53	0 13	18 19	4 53	1 0	1 32	13 41	1 24	4 50
S 18	19 17	18 8	4 58	12 8	2 17	12 6	1 29	17 33	0 6	6 4	1 23	22 20	1 1	19 55	0 36	18 53	0 13	18 19	4 53	1 4	1 33	13 40	1 25	4 50
M19	19 31	16 51	4 33	12 12	2 21	12 32	1 28	17 45	0 6	6 4	1 23	22 21	1 1	19 54	0 36	18 52	0 13	18 19	4 53	1 6	1 34	13 38	1 25	4 50
T 20	19 44	14 32	3 51	12 19	2 24	12 57	1 26	17 57	0 5	6 3	1 23	22 21	1 1	19 54	0 36	18 52	0 13	18 19	4 53	1 8	1 36	13 37	1 25	4 49
W21	19 58	11 20	2 55	12 31	2 25	13 22	1 25	18 8	0 4	6 2	1 22	22 21	1 1	19 54	0 36	18 52	0 13	18 20	4 53	1 9	1 37	13 36	1 26	4 49
T 22	20 11	7 31	1 49	12 46	2 25	13 47	1 24	18 19	0 4	6 1	1 22	22 21	1 1	19 53	0 36	18 52	0 13	18 20	4 53	1 9	1 38	13 35	1 26	4 49
F 23	20 23	3 19	0 37	13 3	2 24	14 11	1 23	18 30	0 3	6 0	1 22	22 22	1 0	19 53	0 36	18 51	0 13	18 20	4 53	1 9	1 39	13 34	1 27	4 48
S 24	20 35	1n 0	0s36	13 23	2 21	14 35	1 21	18 41	0 3	5 59	1 22	22 22	1 0	19 52	0 36	18 51	0 13	18 20	4 53	1 9	1 41	13 32	1 27	4 48
S 25	20 47	5 14	1 46	13 45	2 18	14 58	1 20	18 52	0 2	5 58	1 21	22 22	1 0	19 52	0 36	18 51	0 13	18 20	4 53	1 9	1 42	13 31	1 27	4 48
M26	20 58	9 9	2 50	14 9	2 15	15 22	1 18	19 3	0 1	5 56	1 21	22 22	1 0	19 51	0 36	18 51	0 13	18 20	4 53	1 11	1 43	13 30	1 28	4 47
T 27	21 9	12 33	3 43	14 34	2 10	15 44	1 17	19 13	0 1	5 55	1 21	22 23	1 0	19 50	0 35	18 50	0 13	18 20	4 53	1 14	1 44	13 29	1 28	4 47
W28	21 20	15 16	4 23	15 0	2 5	16 7	1 15	19 24	0 0	5 54	1 21	22 23	1 0	19 50	0 35	18 50	0 13	18 20	4 53	1 18	1 46	13 27	1 28	4 47
T 29	21 30	17 11	4 49	15 26	2 0	16 29	1 13	19 34	0s 0	5 52	1 20	22 23	1 0	19 49	0 35	18 50	0 13	18 20	4 53	1 23	1 47	13 26	1 28	4 46
F 30	21s40	18n13	5s 1	15s54	1n54	16s50	1n12	19s44	0s 1	5s51	1s20	22s23	1n 0	19s49	0s35	18s49	0n13	18n20	4s53	1n28	1n48	13n25	1s29	4n46

Julian Day Number = 2511749.5, Delta T = 132.42 sec
Ecliptic obliquity = 23°24'55, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°02'37, Lahiri = 26°09'38

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2164
geocentric

DECEMBER 2164 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 41 45	9♐18'56	5♋17	21♏24	22♏15	28♏48	18♓23	27♐22	4♒ 1	4♒53	7°R22	26°R 6	25♍24	13♌46	15♓ 5	S 1
S 2	4 45 41	10°19'41	17°30	22°48	23°30	29°30	18°27	27°29	4° 4	4°55	7♋21	25♍54	25°21	13°53	15° 5	S 2
M 3	4 49 38	11°20'27	29°31	24°13	24°46	0♑12	18°31	27°36	4° 6	4°56	7°20	25°45	25°18	14° 0	15° 6	M 3
T 4	4 53 35	12°21'15	11♌25	25°40	26° 1	0°55	18°35	27°43	4° 9	4°58	7°19	25°38	25°15	14° 7	15° 6	T 4
W 5	4 57 31	13°22'04	23°13	27° 7	27°16	1°37	18°39	27°50	4°11	4°59	7°18	25°34	25°12	14°13	15° 7	W 5
T 6	5 1 28	14°22'54	5♍ 2	28°36	28°31	2°19	18°44	27°56	4°14	5° 1	7°17	25°32	25° 8	14°20	15° 7	T 6
F 7	5 5 24	15°23'46	16°57	0♑ 5	29°47	3° 2	18°49	28° 3	4°16	5° 3	7°16	25°D32	25° 5	14°27	15° 8	F 7
S 8	5 9 21	16°24'38	29° 2	1°34	1♑ 2	3°44	18°54	28°10	4°19	5° 4	7°15	25°R32	25° 2	14°33	15° 9	S 8
S 9	5 13 17	17°25'33	11♎24	3° 5	2°17	4°26	18°59	28°17	4°21	5° 6	7°13	25°31	24°59	14°40	15°10	S 9
M10	5 17 14	18°26'28	24° 7	4°35	3°33	5° 9	19° 4	28°24	4°24	5° 8	7°12	25°28	24°56	14°47	15°10	M10
T 11	5 21 10	19°27'25	7♏15	6° 6	4°48	5°51	19°10	28°31	4°27	5° 9	7°11	25°23	24°53	14°53	15°11	T 11
W12	5 25 7	20°28'23	20°51	7°37	6° 3	6°34	19°15	28°38	4°30	5°11	7°10	25°15	24°49	15° 0	15°12	W12
T 13	5 29 4	21°29'22	4♐53	9° 9	7°19	7°17	19°21	28°46	4°32	5°13	7° 9	25° 4	24°46	15° 7	15°13	T 13
F 14	5 33 0	22°30'22	19°18	10°41	8°34	7°59	19°27	28°53	4°35	5°15	7° 8	24°52	24°43	15°13	15°14	F 14
S 15	5 36 57	23°31'23	3♑59	12°13	9°50	8°42	19°33	29° 0	4°38	5°16	7° 6	24°39	24°40	15°20	15°16	S 15
S 16	5 40 53	24°32'24	18°49	13°45	11° 5	9°25	19°40	29° 7	4°41	5°18	7° 5	24°28	24°37	15°27	15°17	S 16
M17	5 44 50	25°33'27	3♒39	15°17	12°20	10° 8	19°46	29°14	4°44	5°20	7° 4	24°19	24°34	15°33	15°18	M17
T 18	5 48 46	26°34'29	18°20	16°50	13°36	10°50	19°53	29°21	4°47	5°22	7° 3	24°13	24°30	15°40	15°19	T 18
W19	5 52 43	27°35'33	2♓48	18°23	14°51	11°33	20° 0	29°28	4°50	5°24	7° 2	24°10	24°27	15°47	15°21	W19
T 20	5 56 39	28°36'36	16°59	19°55	16° 7	12°16	20° 7	29°35	4°53	5°26	7° 1	24° 9	24°24	15°53	15°22	T 20
F 21	6 0 36	29°37'40	0♈52	21°28	17°22	12°59	20°14	29°42	4°56	5°28	6°59	24° 9	24°21	16° 0	15°24	F 21
S 22	6 4 33	0♑38'44	14°28	23° 1	18°38	13°42	20°22	29°49	4°59	5°30	6°58	24° 8	24°18	16° 7	15°25	S 22
S 23	6 8 29	1°39'48	27°49	24°35	19°53	14°25	20°29	29°56	5° 2	5°32	6°57	24° 6	24°14	16°13	15°27	S 23
M24	6 12 26	2°40'53	10♉56	26° 8	21° 8	15° 8	20°37	0♑ 3	5° 5	5°34	6°56	24° 1	24°11	16°20	15°28	M24
T 25	6 16 22	3°41'58	23°51	27°42	22°24	15°52	20°45	0°10	5° 8	5°36	6°55	23°54	24° 8	16°27	15°30	T 25
W26	6 20 19	4°43'03	6♊35	29°16	23°39	16°35	20°53	0°18	5°11	5°38	6°53	23°43	24° 5	16°33	15°32	W26
T 27	6 24 15	5°44'08	19° 9	0♑50	24°55	17°18	21° 1	0°25	5°14	5°40	6°52	23°30	24° 2	16°40	15°33	T 27
F 28	6 28 12	6°45'14	1♋33	2°24	26°10	18° 1	21° 9	0°32	5°17	5°42	6°51	23°16	23°59	16°47	15°35	F 28
S 29	6 32 8	7°46'20	13°46	3°59	27°26	18°45	21°18	0°39	5°21	5°44	6°50	23° 2	23°55	16°53	15°37	S 29
S 30	6 36 5	8°47'27	25°51	5°33	28°41	19°28	21°26	0°46	5°24	5°46	6°48	22°49	23°52	17° 0	15°39	S 30
M31	6 40 2	9♑48'33	7♌47	7♑ 8	29♐56	20♐11	21♓35	0♑53	5♒27	5♒48	6♋47	22♍39	23♍49	17♌ 7	15♓41	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s50	18n21	4s57	16s21	1n48	17s11	1n10	19s54	0s 2	5s49	1s20	22s24	1n 0	19s48	0s35	18s49	0n13	18n20	4s53	1n33	1n49	13n24	1s29	4n46
S 2	21 58	17 38	4 41	16 49	1 42	17 32	1 8	20 4	0 2	5 47	1 20	22 24	1 0	19 48	0 35	18 49	0 13	18 20	4 53	1 38	1 51	13 22	1 29	4 45
M 3	22 7	16 8	4 11	17 16	1 35	17 52	1 6	20 13	0 3	5 45	1 19	22 24	0 59	19 47	0 35	18 48	0 13	18 20	4 53	1 41	1 52	13 21	1 29	4 45
T 4	22 15	13 57	3 31	17 43	1 28	18 12	1 4	20 23	0 3	5 44	1 19	22 24	0 59	19 46	0 35	18 48	0 13	18 20	4 53	1 44	1 53	13 20	1 29	4 45
W 5	22 23	11 12	2 42	18 10	1 21	18 31	1 2	20 32	0 4	5 42	1 19	22 25	0 59	19 46	0 35	18 48	0 13	18 20	4 53	1 46	1 54	13 19	1 29	4 44
T 6	22 30	8 0	1 46	18 37	1 14	18 50	1 0	20 41	0 5	5 40	1 19	22 25	0 59	19 45	0 35	18 47	0 13	18 20	4 53	1 46	1 56	13 17	1 29	4 44
F 7	22 37	4 27	0 45	19 3	1 7	19 8	0 58	20 50	0 5	5 38	1 18	22 25	0 59	19 45	0 35	18 47	0 13	18 20	4 53	1 47	1 57	13 16	1 29	4 43
S 8	22 43	0 40	0n19	19 29	1 0	19 26	0 56	20 58	0 6	5 35	1 18	22 25	0 59	19 44	0 35	18 46	0 13	18 20	4 53	1 47	1 58	13 15	1 29	4 43
S 9	22 49	3s14	1 23	19 54	0 52	19 43	0 54	21 7	0 6	5 33	1 18	22 25	0 59	19 43	0 35	18 46	0 13	18 20	4 53	1 47	2 0	13 14	1 29	4 43
M10	22 55	7 6	2 25	20 18	0 45	19 59	0 52	21 15	0 7	5 31	1 18	22 25	0 59	19 43	0 35	18 46	0 13	18 21	4 53	1 48	2 1	13 12	1 29	4 42
T 11	23 0	10 44	3 22	20 41	0 38	20 15	0 50	21 23	0 8	5 28	1 18	22 26	0 59	19 42	0 35	18 45	0 13	18 21	4 53	1 50	2 2	13 11	1 29	4 42
W12	23 4	13 57	4 9	21 4	0 30	20 31	0 48	21 31	0 8	5 26	1 17	22 26	0 59	19 41	0 35	18 45	0 13	18 21	4 53	1 53	2 3	13 10	1 29	4 42
T 13	23 9	16 28	4 42	21 25	0 23	20 46	0 46	21 39	0 9	5 24	1 17	22 26	0 59	19 41	0 35	18 44	0 13	18 21	4 53	1 57	2 5	13 8	1 29	4 41
F 14	23 12	18 1	4 59	21 46	0 16	21 0	0 43	21 46	0 10	5 21	1 17	22 26	0 59	19 40	0 35	18 44	0 13	18 21	4 53	2 2	2 6	13 7	1 29	4 41
S 15	23 15	18 25	4 56	22 5	0 9	21 14	0 41	21 54	0 10	5 18	1 17	22 26	0 58	19 39	0 35	18 44	0 13	18 21	4 53	2 7	2 7	13 6	1 29	4 41
S 16	23 18	17 34	4 34	22 24	0 2	21 27	0 39	22 1	0 11	5 16	1 16	22 26	0 58	19 39	0 35	18 43	0 13	18 21	4 53	2 12	2 8	13 5	1 29	4 41
M17	23 20	15 32	3 53	22 42	0s 5	21 39	0 36	22 8	0 11	5 13	1 16	22 26	0 58	19 38	0 35	18 43	0 13	18 21	4 53	2 15	2 10	13 3	1 29	4 40
T 18	23 22	12 30	2 57	22 58	0 12	21 51	0 34	22 15	0 12	5 10	1 16	22 27	0 58	19 37	0 35	18 42	0 13	18 21	4 53	2 18	2 11	13 2	1 28	4 40
W19	23 24	8 45	1 50	23 14	0 19	22 2	0 32	22 21	0 13	5 7	1 16	22 27	0 58	19 36	0 35	18 42	0 13	18 21	4 53	2 19	2 12	13 1	1 28	4 40
T 20	23 24	4 33	0 38	23 28	0 26	22 12	0 29	22 28	0 13	5 4	1 16	22 27	0 58	19 36	0 35	18 41	0 13	18 21	4 53	2 19	2 13	12 59	1 28	4 39
F 21	23 25	0 12	0s35	23 41	0 32	22 22	0 27	22 34	0 14	5 1	1 15	22 27	0 58	19 35	0 35	18 41	0 13	18 21	4 53	2 19	2 15	12 58	1 28	4 39
S 22	23 25	4n 5	1 45	23 53	0 39	22 31	0 25	22 40	0 14	4 58	1 15	22 27	0 58	19 34	0 35	18 40	0 13	18 22	4 53	2 20	2 16	12 57	1 27	4 39
S 23	23 24	8 4	2 48	24 3	0 45	22 40	0 22	22 45	0 15	4 55	1 15	22 27	0 58	19 33	0 35	18 40	0 13	18 22	4 53	2 20	2 17	12 56	1 27	4 38
M24	23 23	11 36	3 40	24 13	0 51	22 48	0 20	22 51	0 16	4 52	1 15	22 27	0 58	19 33	0 35	18 40	0 13	18 22	4 53	2 22	2 18	12 54	1 27	4 38
T 25	23 22	14 30	4 21	24 21	0 57	22 55	0 17	22 56	0 16	4 48	1 15	22 27	0 58	19 32	0 35	18 39	0 13	18 22	4 53	2 25	2 20	12 53	1 26	4 38
W26	23 20	16 40	4 47	24 28	1 3	23 1	0 15	23 1	0 17	4 45	1 14	22 27	0 58	19 31	0 35	18 39	0 13	18 22	4 53	2 30	2 21	12 52	1 26	4 37
T 27	23 17	18 0	5 0	24 33	1 9	23 7	0 12	23 6	0 18	4 42	1 14	22 27	0 58	19 30	0 35	18 38	0 12	18 22	4 52	2 35	2 22	12 50	1 26	4 37
F 28	23 15	18 27	4 57	24 38	1 14	23 12	0 10	23 11	0 18	4 38	1 14	22 27	0 58	19 30	0 35	18 38	0 12	18 22	4 52	2 40	2 23	12 49	1 25	4 37
S 29	23 11	18 2	4 41	24 41	1 19	23 16	0 7	23 15	0 19	4 35	1 14	22 27	0 58	19 29	0 35	18 37	0 12	18 22	4 52	2 46	2 25	12 48	1 25	4 36
S 30	23 7	16 49	4 13	24 42	1 24	23 20	0 5	23 19	0 20	4 31	1 14	22 27	0 58	19 28	0 35	18 37	0 12	18 22	4 52	2 51	2 26	12 46	1 24	4 36
M31	23s 3	14n52	3s33	24s42	1s29	23s22	0n 3	23s23	0s20	4s28	1s13	22s27	0n57	19s27	0s35	18s36	0n12	18n23	4s52	2n55	2n27	12n45	1s24	4n36

Julian Day Number = 2511779.5, Delta T = 132.49 sec
Ecliptic obliquity = 23°24'54, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°02'41, Lahiri = 26°09'42

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2165
geocentric

JANUARY 2165 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 43 58	10♑49'40	19♌38	8♑44	1♑12	20♐55	21♓44	1♑ 0	5♒30	5♒50	6°R46	22°R31	23♍46	17♌13	15♓43	T 1
W 2	6 47 55	11°50'48	1♍25	10°19	2°27	21°38	21°53	1° 7	5°34	5°52	6♋45	22♍26	23°43	17°20	15°45	W 2
T 3	6 51 51	12°51'55	13°13	11°55	3°43	22°22	22° 2	1°14	5°37	5°54	6°44	22°24	23°40	17°27	15°47	T 3
F 4	6 55 48	13°53'03	25° 6	13°32	4°58	23° 5	22°11	1°21	5°40	5°56	6°42	22°D24	23°36	17°33	15°50	F 4
S 5	6 59 44	14°54'12	7♎ 8	15° 8	6°14	23°49	22°20	1°28	5°44	5°58	6°41	22°24	23°33	17°40	15°52	S 5
S 6	7 3 41	15°55'20	19°26	16°45	7°29	24°33	22°30	1°35	5°47	6° 1	6°40	22°R24	23°30	17°47	15°54	S 6
M 7	7 7 37	16°56'29	2♏ 5	18°23	8°45	25°16	22°40	1°42	5°50	6° 3	6°39	22°23	23°27	17°53	15°56	M 7
T 8	7 11 34	17°57'39	15° 9	20° 0	10° 0	26° 0	22°49	1°49	5°54	6° 5	6°38	22°20	23°24	18° 0	15°59	T 8
W 9	7 15 31	18°58'48	28°42	21°38	11°16	26°44	22°59	1°56	5°57	6° 7	6°36	22°14	23°20	18° 7	16° 1	W 9
T 10	7 19 27	19°59'58	12♐45	23°17	12°31	27°28	23° 9	2° 2	6° 1	6° 9	6°35	22° 6	23°17	18°14	16° 4	T 10
F 11	7 23 24	21° 1'07	27°15	24°56	13°47	28°12	23°19	2° 9	6° 4	6°12	6°34	21°56	23°14	18°20	16° 6	F 11
S 12	7 27 20	22° 2'17	12♑ 9	26°35	15° 2	28°56	23°30	2°16	6° 7	6°14	6°33	21°46	23°11	18°27	16° 9	S 12
S 13	7 31 17	23° 3'26	27°16	28°15	16°17	29°40	23°40	2°23	6°11	6°16	6°32	21°37	23° 8	18°34	16°11	S 13
M14	7 35 13	24° 4'36	12♒27	29°55	17°33	0♑24	23°51	2°30	6°14	6°18	6°31	21°30	23° 5	18°40	16°14	M14
T 15	7 39 10	25° 5'44	27°31	1♒35	18°48	1° 8	24° 1	2°36	6°18	6°20	6°29	21°25	23° 1	18°47	16°17	T 15
W16	7 43 6	26° 6'52	12♓21	3°16	20° 4	1°52	24°12	2°43	6°21	6°23	6°28	21°23	22°58	18°54	16°19	W16
T 17	7 47 3	27° 8'00	26°49	4°57	21°19	2°36	24°23	2°50	6°25	6°25	6°27	21°D23	22°55	19° 0	16°22	T 17
F 18	7 51 0	28° 9'06	10♈54	6°38	22°35	3°20	24°34	2°57	6°28	6°27	6°26	21°23	22°52	19° 7	16°25	F 18
S 19	7 54 56	29°10'12	24°36	8°20	23°50	4° 4	24°45	3° 3	6°32	6°29	6°25	21°R24	22°49	19°14	16°28	S 19
S 20	7 58 53	0♒11'18	7♉55	10° 1	25° 6	4°48	24°56	3°10	6°35	6°32	6°24	21°24	22°46	19°20	16°31	S 20
M21	8 2 49	1°12'22	20°55	11°43	26°21	5°33	25° 7	3°16	6°39	6°34	6°23	21°22	22°42	19°27	16°34	M21
T 22	8 6 46	2°13'26	3♊38	13°24	27°36	6°17	25°19	3°23	6°42	6°36	6°22	21°18	22°39	19°34	16°37	T 22
W23	8 10 42	3°14'29	16° 8	15° 6	28°52	7° 1	25°30	3°29	6°46	6°39	6°21	21°11	22°36	19°40	16°40	W23
T 24	8 14 39	4°15'30	28°27	16°47	0♒ 7	7°46	25°42	3°36	6°49	6°41	6°20	21° 3	22°33	19°47	16°43	T 24
F 25	8 18 35	5°16'32	10♋36	18°27	1°23	8°30	25°53	3°42	6°53	6°43	6°19	20°54	22°30	19°54	16°46	F 25
S 26	8 22 32	6°17'32	22°38	20° 7	2°38	9°15	26° 5	3°49	6°56	6°45	6°17	20°45	22°26	20° 0	16°49	S 26
S 27	8 26 29	7°18'31	4♌34	21°45	3°53	9°59	26°17	3°55	7° 0	6°48	6°16	20°37	22°23	20° 7	16°52	S 27
M28	8 30 25	8°19'30	16°26	23°23	5° 9	10°44	26°29	4° 1	7° 3	6°50	6°15	20°30	22°20	20°14	16°55	M28
T 29	8 34 22	9°20'28	28°14	24°59	6°24	11°28	26°41	4° 7	7° 7	6°52	6°14	20°25	22°17	20°20	16°58	T 29
W30	8 38 18	10°21'25	10♍ 2	26°32	7°40	12°13	26°53	4°14	7°10	6°55	6°13	20°23	22°14	20°27	17° 1	W30
T 31	8 42 15	11♒22'21	21♍52	28♒ 3	8♒55	12♑57	27♓ 5	4♑20	7♒14	6♒57	6♋12	20°D22	22♍11	20♌34	17♓ 5	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s58	12n18	2s45	24s41	1s34	23s24	0n 0	23s27	0s21	4s24	1s13	22s27	0n57	19s26	0s35	18s36	0n12	18n23	4s52	2n58	2n28	12n44	1s23	4n35
W 2	22 53	9 15	1 49	24 39	1 38	23 26	0s 2	23 30	0 21	4 20	1 13	22 27	0 57	19 26	0 35	18 35	0 12	18 23	4 52	3 0	2 30	12 43	1 23	4 35
T 3	22 48	5 50	0 49	24 35	1 42	23 27	0 5	23 34	0 22	4 16	1 13	22 27	0 57	19 25	0 35	18 35	0 12	18 23	4 52	3 1	2 31	12 41	1 22	4 35
F 4	22 42	2 10	0n14	24 29	1 46	23 27	0 7	23 37	0 23	4 13	1 13	22 27	0 57	19 24	0 35	18 34	0 12	18 23	4 52	3 1	2 32	12 40	1 22	4 35
S 5	22 35	1s38	1 18	24 22	1 50	23 26	0 10	23 40	0 23	4 9	1 12	22 27	0 57	19 23	0 35	18 34	0 12	18 23	4 52	3 1	2 33	12 39	1 21	4 34
S 6	22 28	5 27	2 19	24 14	1 53	23 24	0 12	23 42	0 24	4 5	1 12	22 27	0 57	19 22	0 35	18 33	0 12	18 23	4 52	3 1	2 35	12 37	1 20	4 34
M 7	22 21	9 8	3 15	24 4	1 56	23 22	0 14	23 44	0 25	4 1	1 12	22 27	0 57	19 21	0 35	18 33	0 12	18 23	4 52	3 1	2 36	12 36	1 20	4 34
T 8	22 13	12 29	4 3	23 53	1 58	23 19	0 17	23 47	0 25	3 57	1 12	22 27	0 57	19 21	0 35	18 32	0 12	18 24	4 52	3 2	2 37	12 35	1 19	4 33
W 9	22 4	15 18	4 39	23 40	2 1	23 15	0 19	23 48	0 26	3 53	1 12	22 27	0 57	19 20	0 35	18 32	0 12	18 24	4 52	3 5	2 38	12 33	1 19	4 33
T 10	21 56	17 20	5 0	23 26	2 3	23 11	0 22	23 50	0 27	3 49	1 11	22 27	0 57	19 19	0 35	18 31	0 12	18 24	4 52	3 8	2 40	12 32	1 18	4 33
F 11	21 46	18 20	5 3	23 10	2 4	23 6	0 24	23 51	0 27	3 44	1 11	22 27	0 57	19 18	0 35	18 30	0 12	18 24	4 51	3 12	2 41	12 31	1 17	4 33
S 12	21 37	18 7	4 46	22 52	2 6	23 0	0 26	23 52	0 28	3 40	1 11	22 27	0 57	19 17	0 35	18 30	0 12	18 24	4 51	3 16	2 42	12 29	1 16	4 32
S 13	21 27	16 38	4 8	22 33	2 6	22 54	0 28	23 53	0 28	3 36	1 11	22 27	0 57	19 16	0 35	18 29	0 12	18 24	4 51	3 19	2 43	12 28	1 16	4 32
M14	21 16	13 58	3 13	22 13	2 7	22 46	0 31	23 54	0 29	3 32	1 11	22 27	0 57	19 16	0 35	18 29	0 12	18 24	4 51	3 22	2 45	12 27	1 15	4 32
T 15	21 6	10 22	2 4	21 51	2 7	22 38	0 33	23 54	0 30	3 27	1 11	22 26	0 57	19 15	0 35	18 28	0 12	18 25	4 51	3 24	2 46	12 25	1 14	4 32
W16	20 54	6 11	0 48	21 27	2 6	22 30	0 35	23 54	0 30	3 23	1 10	22 26	0 57	19 14	0 35	18 28	0 12	18 25	4 51	3 25	2 47	12 24	1 13	4 31
T 17	20 43	1 43	0s29	21 2	2 6	22 20	0 37	23 54	0 31	3 18	1 10	22 26	0 57	19 13	0 35	18 27	0 12	18 25	4 51	3 25	2 49	12 23	1 12	4 31
F 18	20 31	2n44	1 43	20 36	2 4	22 10	0 39	23 54	0 32	3 14	1 10	22 26	0 57	19 12	0 35	18 27	0 12	18 25	4 51	3 25	2 50	12 21	1 12	4 31
S 19	20 18	6 54	2 49	20 8	2 2	22 0	0 42	23 53	0 32	3 9	1 10	22 26	0 57	19 11	0 35	18 26	0 12	18 25	4 51	3 24	2 51	12 20	1 11	4 31
S 20	20 5	10 36	3 44	19 38	2 0	21 49	0 44	23 53	0 33	3 5	1 10	22 26	0 57	19 10	0 35	18 26	0 12	18 25	4 51	3 24	2 52	12 18	1 10	4 30
M21	19 52	13 42	4 26	19 8	1 57	21 37	0 46	23 51	0 34	3 0	1 10	22 26	0 57	19 9	0 35	18 25	0 12	18 25	4 51	3 25	2 54	12 17	1 9	4 30
T 22	19 39	16 3	4 53	18 35	1 53	21 24	0 48	23 50	0 34	2 56	1 10	22 26	0 57	19 9	0 35	18 24	0 12	18 26	4 50	3 27	2 55	12 16	1 8	4 30
W23	19 25	17 37	5 6	18 2	1 49	21 11	0 50	23 49	0 35	2 51	1 9	22 26	0 57	19 8	0 35	18 24	0 12	18 26	4 50	3 29	2 56	12 14	1 7	4 30
T 24	19 10	18 19	5 5	17 27	1 44	20 57	0 52	23 47	0 36	2 46	1 9	22 25	0 57	19 7	0 35	18 23	0 12	18 26	4 50	3 33	2 57	12 13	1 6	4 29
F 25	18 56	18 11	4 50	16 51	1 38	20 42	0 53	23 45	0 36	2 41	1 9	22 25	0 57	19 6	0 35	18 23	0 12	18 26	4 50	3 36	2 59	12 12	1 5	4 29
S 26	18 41	17 13	4 22	16 13	1 32	20 27	0 55	23 42	0 37	2 37	1 9	22 25	0 57	19 5	0 35	18 22	0 12	18 26	4 50	3 40	3 0	12 10	1 4	4 29
S 27	18 26	15 30	3 43	15 35	1 25	20 11	0 57	23 40	0 37	2 32	1 9	22 25	0 57	19 4	0 35	18 22	0 12	18 26	4 50	3 43	3 1	12 9	1 3	4 29
M28	18 10	13 8	2 54	14 56	1 17	19 55	0 59	23 37	0 38	2 27	1 9	22 25	0 57	19 3	0 35	18 21	0 12	18 27	4 50	3 46	3 2	12 8	1 2	4 29
T 29	17 54	10 14	1 57	14 16	1 9	19 38	1 1	23 34	0 39	2 22	1 9	22 25	0 57	19 2	0 35	18 20	0 12	18 27	4 50	3 48	3 4	12 6	1 1	4 28
W30	17 38	6 56	0 56	13 35	0 59	19 20	1 2	23 30	0 39	2 17	1 8	22 24	0 57	19 1	0 35	18 20	0 12	18 27	4 50	3 49	3 5	12 5	1 0	4 28
T 31	17s21	3n21	0n 8	12s54	0s49	19s 2	1s 4	23s27	0s40	2s12	1s 8	22s24	0n57	19s 1	0s35	18s19	0n12	18n27	4s49	3n49	3n 6	12n 3	0s59	4n28

Julian Day Number = 2511810.5, Delta T = 132.55 sec
Ecliptic obliquity = 23°24'54, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°02'46, Lahiri = 26°09'46

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2165
geocentric

FEBRUARY 2165 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 46 11	12♒23'17	3♎48	29♒32	10♒10	13♑42	27♓17	4♑26	7♒17	6♒59	6°R12	20♍23	22♍ 7	20♌40	17♓ 8	F 1
S 2	8 50 8	13°24'12	15°52	0♓56	11°26	14°27	27°30	4°32	7°21	7° 1	6♋11	20°25	22° 4	20°47	17°11	S 2
S 3	8 54 4	14°25'06	28° 9	2°17	12°41	15°12	27°42	4°38	7°24	7° 4	6°10	20°26	22° 1	20°54	17°15	S 3
M 4	8 58 1	15°25'59	10♏45	3°32	13°56	15°56	27°55	4°44	7°28	7° 6	6° 9	20°R27	21°58	21° 0	17°18	M 4
T 5	9 1 58	16°26'52	23°43	4°42	15°12	16°41	28° 7	4°50	7°31	7° 8	6° 8	20°27	21°55	21° 7	17°21	T 5
W 6	9 5 54	17°27'44	7♐ 7	5°45	16°27	17°26	28°20	4°56	7°35	7°10	6° 7	20°25	21°51	21°14	17°25	W 6
T 7	9 9 51	18°28'35	21° 0	6°41	17°42	18°11	28°33	5° 1	7°38	7°13	6° 6	20°22	21°48	21°20	17°28	T 7
F 8	9 13 47	19°29'25	5♑21	7°29	18°58	18°56	28°46	5° 7	7°42	7°15	6° 5	20°18	21°45	21°27	17°32	F 8
S 9	9 17 44	20°30'14	20° 7	8° 8	20°13	19°41	28°58	5°13	7°45	7°17	6° 4	20°14	21°42	21°34	17°35	S 9
S 10	9 21 40	21°31'03	5♒12	8°38	21°28	20°26	29°11	5°18	7°49	7°19	6° 4	20°10	21°39	21°40	17°39	S 10
M11	9 25 37	22°31'50	20°27	8°58	22°43	21°11	29°24	5°24	7°52	7°22	6° 3	20° 6	21°36	21°47	17°42	M11
T 12	9 29 33	23°32'36	5♓41	9°R 7	23°59	21°56	29°38	5°30	7°56	7°24	6° 2	20° 4	21°32	21°54	17°46	T 12
W13	9 33 30	24°33'20	20°46	9° 6	25°14	22°41	29°51	5°35	7°59	7°26	6° 1	20°D 4	21°29	22° 0	17°49	W13
T 14	9 37 27	25°34'03	5♈31	8°54	26°29	23°26	0♈ 4	5°40	8° 2	7°28	6° 1	20° 4	21°26	22° 7	17°53	T 14
F 15	9 41 23	26°34'44	19°53	8°31	27°45	24°12	0°17	5°46	8° 6	7°30	6° 0	20° 5	21°23	22°14	17°57	F 15
S 16	9 45 20	27°35'24	3♉48	7°58	29° 0	24°57	0°31	5°51	8° 9	7°33	5°59	20° 7	21°20	22°20	18° 0	S 16
S 17	9 49 16	28°36'02	17°16	7°17	0♓15	25°42	0°44	5°56	8°13	7°35	5°58	20° 8	21°17	22°27	18° 4	S 17
M18	9 53 13	29°36'38	0♊20	6°26	1°30	26°27	0°57	6° 1	8°16	7°37	5°58	20°R 9	21°13	22°34	18° 7	M18
T 19	9 57 9	0♓37'13	13° 2	5°30	2°45	27°13	1°11	6° 6	8°19	7°39	5°57	20° 8	21°10	22°40	18°11	T 19
W20	10 1 6	1°37'46	25°27	4°27	4° 0	27°58	1°24	6°11	8°23	7°41	5°57	20° 7	21° 7	22°47	18°15	W20
T 21	10 5 2	2°38'17	7♋38	3°22	5°16	28°43	1°38	6°16	8°26	7°43	5°56	20° 4	21° 4	22°53	18°19	T 21
F 22	10 8 59	3°38'47	19°39	2°14	6°31	29°29	1°52	6°21	8°29	7°45	5°55	20° 2	21° 1	23° 0	18°22	F 22
S 23	10 12 56	4°39'14	1♌33	1° 7	7°46	0♒14	2° 5	6°26	8°32	7°47	5°55	19°59	20°57	23° 7	18°26	S 23
S 24	10 16 52	5°39'40	13°23	0° 1	9° 1	0°59	2°19	6°31	8°36	7°50	5°54	19°57	20°54	23°13	18°30	S 24
M25	10 20 49	6°40'04	25°12	28♒59	10°16	1°45	2°33	6°35	8°39	7°52	5°54	19°55	20°51	23°20	18°33	M25
T 26	10 24 45	7°40'27	7♍ 1	28° 0	11°31	2°30	2°47	6°40	8°42	7°54	5°53	19°54	20°48	23°27	18°37	T 26
W27	10 28 42	8°40'48	18°53	27° 8	12°46	3°16	3° 1	6°45	8°45	7°56	5°53	19°D54	20°45	23°33	18°41	W27
T 28	10 32 38	9♓41'07	0♎50	26♒21	14♓ 1	4♒ 1	3♈14	6♑49	8♒48	7♒58	5♋52	19♍54	20♍42	23♌40	18♓45	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17s 4	0s24	1n13	12s13	0s38	18s44	1s 5	23s23	0s41	2s 7	1s 8	22s24	0n57	19s 0	0s35	18s19	0n12	18n27	4s49	3n48	3n 7	12n 2	0s58	4n28
S 2	16 47	4 10	2 15	11 32	0 26	18 25	1 7	23 19	0 41	2 2	1 8	22 24	0 56	18 59	0 35	18 18	0 12	18 27	4 49	3 48	3 9	12 1	0 57	4 28
S 3	16 29	7 49	3 12	10 52	0 14	18 5	1 8	23 15	0 42	1 57	1 8	22 24	0 56	18 58	0 35	18 18	0 12	18 28	4 49	3 47	3 10	11 59	0 56	4 27
M 4	16 12	11 13	4 1	10 12	0 0	17 45	1 10	23 10	0 43	1 52	1 8	22 23	0 56	18 57	0 35	18 17	0 12	18 28	4 49	3 47	3 11	11 58	0 55	4 27
T 5	15 53	14 10	4 40	9 34	0n14	17 24	1 11	23 5	0 43	1 47	1 8	22 23	0 56	18 56	0 35	18 17	0 12	18 28	4 49	3 47	3 12	11 57	0 53	4 27
W 6	15 35	16 28	5 5	8 57	0 29	17 3	1 13	23 0	0 44	1 42	1 8	22 23	0 56	18 55	0 35	18 16	0 12	18 28	4 49	3 47	3 14	11 55	0 52	4 27
T 7	15 16	17 54	5 13	8 22	0 44	16 41	1 14	22 55	0 44	1 37	1 7	22 23	0 56	18 54	0 35	18 15	0 12	18 28	4 49	3 49	3 15	11 54	0 51	4 27
F 8	14 58	18 16	5 2	7 49	1 0	16 19	1 15	22 49	0 45	1 31	1 7	22 23	0 56	18 54	0 35	18 15	0 12	18 28	4 48	3 50	3 16	11 52	0 50	4 26
S 9	14 38	17 26	4 32	7 19	1 17	15 56	1 16	22 44	0 46	1 26	1 7	22 22	0 56	18 53	0 35	18 14	0 12	18 29	4 48	3 52	3 17	11 51	0 49	4 26
S 10	14 19	15 22	3 42	6 53	1 33	15 33	1 17	22 38	0 46	1 21	1 7	22 22	0 56	18 52	0 35	18 14	0 12	18 29	4 48	3 54	3 19	11 50	0 48	4 26
M11	13 59	12 12	2 36	6 30	1 50	15 10	1 18	22 31	0 47	1 16	1 7	22 22	0 56	18 51	0 35	18 13	0 12	18 29	4 48	3 55	3 20	11 48	0 46	4 26
T 12	13 40	8 12	1 18	6 11	2 6	14 46	1 19	22 25	0 48	1 10	1 7	22 22	0 56	18 50	0 35	18 13	0 12	18 29	4 48	3 56	3 21	11 47	0 45	4 26
W13	13 19	3 43	0s 4	5 57	2 22	14 21	1 20	22 18	0 48	1 5	1 7	22 21	0 56	18 49	0 35	18 12	0 12	18 29	4 48	3 56	3 22	11 45	0 44	4 26
T 14	12 59	0n54	1 24	5 47	2 38	13 57	1 21	22 11	0 49	1 0	1 7	22 21	0 56	18 48	0 35	18 12	0 12	18 29	4 48	3 56	3 24	11 44	0 43	4 25
F 15	12 39	5 20	2 37	5 42	2 52	13 32	1 22	22 4	0 49	0 54	1 7	22 21	0 56	18 47	0 35	18 11	0 12	18 30	4 47	3 55	3 25	11 43	0 41	4 25
S 16	12 18	9 20	3 38	5 42	3 5	13 6	1 23	21 56	0 50	0 49	1 7	22 21	0 56	18 47	0 35	18 10	0 12	18 30	4 47	3 55	3 26	11 41	0 40	4 25
S 17	11 57	12 43	4 26	5 47	3 16	12 40	1 23	21 49	0 51	0 44	1 6	22 21	0 56	18 46	0 35	18 10	0 12	18 30	4 47	3 54	3 27	11 40	0 39	4 25
M18	11 36	15 21	4 57	5 57	3 26	12 14	1 24	21 41	0 51	0 38	1 6	22 20	0 56	18 45	0 35	18 9	0 12	18 30	4 47	3 54	3 29	11 38	0 37	4 25
T 19	11 15	17 9	5 13	6 10	3 34	11 48	1 24	21 33	0 52	0 33	1 6	22 20	0 56	18 44	0 35	18 9	0 12	18 30	4 47	3 54	3 30	11 37	0 36	4 25
W20	10 53	18 6	5 15	6 28	3 39	11 21	1 25	21 24	0 52	0 27	1 6	22 20	0 56	18 43	0 35	18 8	0 12	18 30	4 47	3 55	3 31	11 36	0 35	4 25
T 21	10 31	18 11	5 1	6 48	3 42	10 54	1 25	21 16	0 53	0 22	1 6	22 20	0 56	18 42	0 35	18 8	0 12	18 31	4 47	3 56	3 32	11 34	0 34	4 24
F 22	10 10	17 27	4 35	7 12	3 43	10 26	1 26	21 7	0 54	0 16	1 6	22 19	0 56	18 41	0 35	18 7	0 12	18 31	4 46	3 57	3 34	11 33	0 32	4 24
S 23	9 48	15 57	3 57	7 37	3 41	9 59	1 26	20 58	0 54	0 11	1 6	22 19	0 56	18 41	0 35	18 7	0 12	18 31	4 46	3 58	3 35	11 31	0 31	4 24
S 24	9 26	13 46	3 9	8 3	3 38	9 31	1 26	20 49	0 55	0 5	1 6	22 19	0 56	18 40	0 35	18 6	0 12	18 31	4 46	3 59	3 36	11 30	0 30	4 24
M25	9 3	11 1	2 13	8 30	3 32	9 3	1 26	20 39	0 55	0n 0	1 6	22 19	0 56	18 39	0 35	18 6	0 12	18 31	4 46	3 59	3 37	11 29	0 28	4 24
T 26	8 41	7 50	1 11	8 57	3 25	8 34	1 27	20 29	0 56	0 6	1 6	22 18	0 56	18 38	0 35	18 5	0 12	18 31	4 46	4 0	3 39	11 27	0 27	4 24
W27	8 18	4 18	0 6	9 24	3 15	8 6	1 27	20 20	0 57	0 11	1 6	22 18	0 57	18 37	0 35	18 5	0 12	18 32	4 46	4 0	3 40	11 26	0 25	4 24
T 28	7s56	0n36	1n 0	9s49	3n 5	7s37	1s27	20s 9	0s57	0n17	1s 6	22s18	0n57	18s37	0s35	18s 4	0n12	18n32	4s46	4n 0	3n41	11n24	0s24	4n24

Julian Day Number = 2511841.5, Delta T = 132.62 sec
Ecliptic obliquity = 23°24'55, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°02'50, Lahiri = 26°09'50

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2165
geocentric

MARCH 2165 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 36 35	10♓41'24	12♎54	25°R41	15♓16	4♒47	3♈28	6♑53	8♒52	8♒ 0	5°R52	19♍54	20♍38	23♌47	18♓49	F 1
S 2	10 40 31	11°41'40	25° 7	25♒ 8	16°31	5°33	3°42	6°58	8°55	8° 2	5♋51	19°55	20°35	23°53	18°52	S 2
S 3	10 44 28	12°41'55	7♏33	24°43	17°46	6°18	3°56	7° 2	8°58	8° 4	5°51	19°56	20°32	24° 0	18°56	S 3
M 4	10 48 25	13°42'08	20°13	24°24	19° 1	7° 4	4°11	7° 6	9° 1	8° 6	5°51	19°57	20°29	24° 7	19° 0	M 4
T 5	10 52 21	14°42'19	3♐12	24°13	20°16	7°50	4°25	7°10	9° 4	8° 7	5°50	19°57	20°26	24°13	19° 4	T 5
W 6	10 56 18	15°42'30	16°31	24°D 8	21°31	8°35	4°39	7°14	9° 7	8° 9	5°50	19°R57	20°23	24°20	19° 8	W 6
T 7	11 0 14	16°42'38	0♑13	24°10	22°46	9°21	4°53	7°18	9°10	8°11	5°50	19°57	20°19	24°27	19°11	T 7
F 8	11 4 11	17°42'45	14°19	24°18	24° 1	10° 7	5° 7	7°22	9°13	8°13	5°49	19°57	20°16	24°33	19°15	F 8
S 9	11 8 7	18°42'51	28°47	24°32	25°16	10°53	5°21	7°25	9°16	8°15	5°49	19°57	20°13	24°40	19°19	S 9
S 10	11 12 4	19°42'55	13♒34	24°51	26°31	11°38	5°36	7°29	9°19	8°17	5°49	19°D57	20°10	24°47	19°23	S 10
M11	11 16 0	20°42'57	28°34	25°16	27°45	12°24	5°50	7°33	9°21	8°19	5°49	19°57	20° 7	24°53	19°27	M11
T 12	11 19 57	21°42'58	13♓39	25°46	29° 0	13°10	6° 4	7°36	9°24	8°20	5°48	19°R57	20° 3	25° 0	19°31	T 12
W13	11 23 53	22°42'56	28°41	26°20	0♈15	13°56	6°19	7°40	9°27	8°22	5°48	19°57	20° 0	25° 7	19°34	W13
T 14	11 27 50	23°42'53	13♈30	26°58	1°30	14°42	6°33	7°43	9°30	8°24	5°48	19°57	19°57	25°13	19°38	T 14
F 15	11 31 47	24°42'47	28° 0	27°40	2°45	15°28	6°47	7°46	9°33	8°26	5°48	19°56	19°54	25°20	19°42	F 15
S 16	11 35 43	25°42'40	12♉ 6	28°26	3°59	16°14	7° 2	7°49	9°35	8°27	5°48	19°56	19°51	25°27	19°46	S 16
S 17	11 39 40	26°42'30	25°44	29°16	5°14	16°59	7°16	7°52	9°38	8°29	5°48	19°55	19°48	25°33	19°50	S 17
M18	11 43 36	27°42'18	8♊57	0♓ 9	6°29	17°45	7°30	7°55	9°41	8°31	5°48	19°54	19°44	25°40	19°53	M18
T 19	11 47 33	28°42'04	21°45	1° 5	7°44	18°31	7°45	7°58	9°43	8°32	5°48	19°54	19°41	25°47	19°57	T 19
W20	11 51 29	29°41'48	4♋12	2° 3	8°58	19°17	7°59	8° 1	9°46	8°34	5°D48	19°D54	19°38	25°53	20° 1	W20
T 21	11 55 26	0♈41'30	16°22	3° 5	10°13	20° 3	8°14	8° 3	9°48	8°36	5°48	19°54	19°35	26° 0	20° 5	T 21
F 22	11 59 22	1°41'09	28°21	4° 8	11°27	20°49	8°28	8° 6	9°51	8°37	5°48	19°55	19°32	26° 7	20° 8	F 22
S 23	12 3 19	2°40'46	10♌12	5°15	12°42	21°35	8°43	8° 9	9°53	8°39	5°48	19°56	19°28	26°13	20°12	S 23
S 24	12 7 16	3°40'21	21°59	6°23	13°57	22°21	8°57	8°11	9°56	8°40	5°48	19°58	19°25	26°20	20°16	S 24
M25	12 11 12	4°39'53	3♍48	7°34	15°11	23° 7	9°12	8°13	9°58	8°42	5°48	19°59	19°22	26°27	20°20	M25
T 26	12 15 9	5°39'24	15°40	8°47	16°26	23°53	9°26	8°15	10° 0	8°43	5°48	19°R59	19°19	26°33	20°23	T 26
W27	12 19 5	6°38'52	27°39	10° 1	17°40	24°39	9°41	8°18	10° 3	8°44	5°48	19°59	19°16	26°40	20°27	W27
T 28	12 23 2	7°38'18	9♎46	11°18	18°54	25°26	9°55	8°20	10° 5	8°46	5°49	19°58	19°13	26°47	20°31	T 28
F 29	12 26 58	8°37'42	22° 4	12°37	20° 9	26°12	10°10	8°21	10° 7	8°47	5°49	19°56	19° 9	26°53	20°34	F 29
S 30	12 30 55	9°37'05	4♏33	13°57	21°23	26°58	10°24	8°23	10° 9	8°49	5°49	19°54	19° 6	27° 0	20°38	S 30
S 31	12 34 51	10♈36'25	17♏15	15♓19	22♈38	27♒44	10♈39	8♑25	10♒12	8♒50	5♋49	19♍50	19♍ 3	27♌ 6	20♓42	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	7s33	3s11	2n 4	10s13	2n53	7s 8	1s27	19s59	0s58	0n23	1s 6	22s18	0n57	18s36	0s35	18s 4	0n12	18n32	4s45	4n 0	3n42	11n23	0s23	4n24
S 2	7 10	6 52	3 4	10 36	2 41	6 38	1 26	19 49	0 58	0 28	1 6	22 17	0 57	18 35	0 35	18 3	0 12	18 32	4 45	3 59	3 44	11 21	0 21	4 24
S 3	6 47	10 18	3 55	10 57	2 28	6 9	1 26	19 38	0 59	0 34	1 5	22 17	0 57	18 34	0 35	18 3	0 12	18 32	4 45	3 59	3 45	11 20	0 20	4 23
M 4	6 24	13 20	4 36	11 15	2 15	5 39	1 26	19 27	1 0	0 39	1 5	22 17	0 57	18 33	0 35	18 2	0 12	18 33	4 45	3 59	3 46	11 19	0 19	4 23
T 5	6 1	15 47	5 5	11 32	2 1	5 10	1 26	19 16	1 0	0 45	1 5	22 17	0 57	18 33	0 35	18 2	0 12	18 33	4 45	3 59	3 47	11 17	0 17	4 23
W 6	5 38	17 28	5 17	11 47	1 47	4 40	1 25	19 4	1 1	0 51	1 5	22 17	0 57	18 32	0 36	18 1	0 12	18 33	4 45	3 58	3 49	11 16	0 16	4 23
T 7	5 14	18 12	5 13	11 59	1 33	4 10	1 25	18 53	1 1	0 56	1 5	22 16	0 57	18 31	0 36	18 1	0 12	18 33	4 44	3 59	3 50	11 14	0 14	4 23
F 8	4 51	17 51	4 50	12 10	1 19	3 40	1 24	18 41	1 2	1 2	1 5	22 16	0 57	18 30	0 36	18 0	0 12	18 33	4 44	3 59	3 51	11 13	0 13	4 23
S 9	4 28	16 20	4 8	12 18	1 6	3 10	1 24	18 29	1 2	1 8	1 5	22 16	0 57	18 30	0 36	18 0	0 12	18 33	4 44	3 59	3 52	11 11	0 11	4 23
S 10	4 4	13 43	3 9	12 24	0 52	2 39	1 23	18 17	1 3	1 13	1 5	22 16	0 57	18 29	0 36	17 59	0 12	18 34	4 44	3 59	3 54	11 10	0 10	4 23
M11	3 41	10 9	1 56	12 28	0 39	2 9	1 22	18 5	1 4	1 19	1 5	22 15	0 57	18 28	0 36	17 59	0 12	18 34	4 44	3 59	3 55	11 8	0 9	4 23
T 12	3 17	5 53	0 35	12 30	0 27	1 38	1 21	17 52	1 4	1 25	1 5	22 15	0 57	18 27	0 36	17 58	0 12	18 34	4 44	3 59	3 56	11 7	0 7	4 23
W13	2 53	1 16	0s48	12 30	0 14	1 8	1 20	17 40	1 5	1 30	1 5	22 15	0 57	18 27	0 36	17 58	0 12	18 34	4 44	3 59	3 57	11 6	0 6	4 23
T 14	2 30	3n22	2 7	12 28	0 2	0 37	1 20	17 27	1 5	1 36	1 5	22 15	0 57	18 26	0 36	17 57	0 12	18 34	4 43	3 59	3 59	11 4	0 4	4 23
F 15	2 6	7 42	3 16	12 25	0s 9	0 7	1 19	17 14	1 6	1 42	1 5	22 15	0 57	18 25	0 36	17 57	0 12	18 34	4 43	3 59	4 0	11 3	0 3	4 23
S 16	1 42	11 28	4 11	12 19	0 20	0n24	1 18	17 1	1 6	1 48	1 5	22 14	0 57	18 24	0 36	17 57	0 12	18 35	4 43	3 59	4 1	11 1	0 1	4 23
S 17	1 18	14 28	4 50	12 12	0 31	0 54	1 17	16 47	1 7	1 53	1 5	22 14	0 57	18 24	0 36	17 56	0 12	18 35	4 43	3 59	4 2	11 0	0n 0	4 23
M18	0 55	16 38	5 12	12 3	0 41	1 25	1 15	16 34	1 7	1 59	1 5	22 14	0 57	18 23	0 36	17 56	0 12	18 35	4 43	4 0	4 4	10 58	0 2	4 23
T 19	0 31	17 53	5 18	11 53	0 51	1 56	1 14	16 20	1 8	2 5	1 5	22 14	0 57	18 22	0 36	17 55	0 12	18 35	4 43	4 0	4 5	10 57	0 3	4 23
W20	0 7	18 13	5 8	11 40	1 0	2 26	1 13	16 6	1 8	2 10	1 5	22 14	0 57	18 22	0 36	17 55	0 12	18 35	4 42	4 0	4 6	10 55	0 4	4 23
T 21	0n16	17 42	4 45	11 27	1 9	2 57	1 12	15 52	1 9	2 16	1 5	22 13	0 57	18 21	0 36	17 54	0 12	18 35	4 42	4 0	4 7	10 54	0 6	4 23
F 22	0 40	16 24	4 9	11 11	1 18	3 27	1 10	15 38	1 9	2 22	1 5	22 13	0 57	18 20	0 36	17 54	0 12	18 36	4 42	3 59	4 9	10 52	0 7	4 23
S 23	1 4	14 24	3 23	10 54	1 26	3 57	1 9	15 24	1 10	2 28	1 5	22 13	0 57	18 20	0 36	17 54	0 12	18 36	4 42	3 59	4 10	10 51	0 9	4 23
S 24	1 28	11 49	2 29	10 36	1 33	4 28	1 7	15 9	1 10	2 33	1 5	22 13	0 57	18 19	0 36	17 53	0 12	18 36	4 42	3 58	4 11	10 49	0 10	4 22
M25	1 51	8 44	1 29	10 16	1 40	4 58	1 6	14 55	1 11	2 39	1 5	22 13	0 57	18 19	0 36	17 53	0 12	18 36	4 42	3 58	4 12	10 48	0 12	4 22
T 26	2 15	5 17	0 24	9 55	1 46	5 28	1 4	14 40	1 11	2 45	1 5	22 13	0 57	18 18	0 36	17 53	0 12	18 36	4 41	3 58	4 14	10 46	0 13	4 22
W27	2 38	1 35	0n42	9 32	1 52	5 58	1 2	14 25	1 12	2 50	1 5	22 12	0 57	18 17	0 36	17 52	0 12	18 36	4 41	3 58	4 15	10 45	0 15	4 23
T 28	3 2	2s13	1 47	9 8	1 58	6 28	1 1	14 10	1 12	2 56	1 5	22 12	0 57	18 17	0 36	17 52	0 12	18 36	4 41	3 58	4 16	10 44	0 16	4 23
F 29	3 25	5 59	2 48	8 43	2 3	6 57	0 59	13 55	1 13	3 2	1 5	22 12	0 57	18 16	0 36	17 51	0 12	18 37	4 41	3 59	4 17	10 42	0 18	4 23
S 30	3 48	9 32	3 42	8 16	2 8	7 27	0 57	13 40	1 13	3 7	1 5	22 12	0 57	18 16	0 36	17 51	0 12	18 37	4 41	4 0	4 18	10 41	0 19	4 23
S 31	4n12	12s43	4n26	7s49	2s12	7n56	0s55	13s24	1s14	3n13	1s 5	22s12	0n57	18s15	0s36	17s51	0n12	18n37	4s41	4n 1	4n20	10n39	0n20	4n23

Julian Day Number = 2511869.5, Delta T = 132.68 sec
Ecliptic obliquity = 23°24'55, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°02'54, Lahiri = 26°09'54

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2165
geocentric

APRIL 2165 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 38 48	11♈35'44	0♐10	16♓43	23♈52	28♒30	10♈53	8♑27	10♒14	8♒51	5♋50	19°R47	19♍ 0	27♌13	20♓45	M 1
T 2	12 42 45	12°35'00	13°20	18° 8	25° 6	29°16	11° 8	8°28	10°16	8°52	5°50	19♍44	18°57	27°20	20°49	T 2
W 3	12 46 41	13°34'15	26°45	19°35	26°21	0♓ 2	11°22	8°30	10°18	8°54	5°50	19°42	18°54	27°26	20°53	W 3
T 4	12 50 38	14°33'29	10♑25	21° 3	27°35	0°48	11°37	8°31	10°20	8°55	5°51	19°D41	18°50	27°33	20°56	T 4
F 5	12 54 34	15°32'40	24°22	22°34	28°49	1°34	11°51	8°32	10°22	8°56	5°51	19°42	18°47	27°40	21° 0	F 5
S 6	12 58 31	16°31'50	8♒33	24° 5	0♉ 3	2°21	12° 6	8°33	10°24	8°57	5°51	19°43	18°44	27°46	21° 3	S 6
S 7	13 2 27	17°30'58	22°59	25°38	1°18	3° 7	12°20	8°35	10°25	8°58	5°52	19°44	18°41	27°53	21° 7	S 7
M 8	13 6 24	18°30'04	7♓35	27°13	2°32	3°53	12°35	8°35	10°27	8°59	5°52	19°45	18°38	28° 0	21°10	M 8
T 9	13 10 20	19°29'09	22°17	28°49	3°46	4°39	12°49	8°36	10°29	9° 0	5°53	19°R46	18°34	28° 6	21°14	T 9
W10	13 14 17	20°28'11	7♈ 0	0♈27	5° 0	5°25	13° 4	8°37	10°31	9° 2	5°53	19°45	18°31	28°13	21°17	W10
T 11	13 18 13	21°27'12	21°36	2° 6	6°14	6°11	13°18	8°38	10°32	9° 2	5°54	19°42	18°28	28°20	21°20	T 11
F 12	13 22 10	22°26'11	5♉58	3°46	7°28	6°58	13°33	8°38	10°34	9° 3	5°54	19°38	18°25	28°26	21°24	F 12
S 13	13 26 7	23°25'07	20° 2	5°29	8°42	7°44	13°47	8°39	10°36	9° 4	5°55	19°33	18°22	28°33	21°27	S 13
S 14	13 30 3	24°24'02	3♊43	7°12	9°56	8°30	14° 1	8°39	10°37	9° 5	5°55	19°27	18°19	28°40	21°31	S 14
M15	13 34 0	25°22'54	16°59	8°57	11°10	9°16	14°16	8°39	10°39	9° 6	5°56	19°22	18°15	28°46	21°34	M15
T 16	13 37 56	26°21'44	29°52	10°44	12°24	10° 2	14°30	8°40	10°40	9° 7	5°56	19°18	18°12	28°53	21°37	T 16
W17	13 41 53	27°20'32	12♋22	12°32	13°38	10°48	14°45	8°R40	10°42	9° 8	5°57	19°15	18° 9	29° 0	21°40	W17
T 18	13 45 49	28°19'17	24°35	14°22	14°52	11°34	14°59	8°40	10°43	9° 9	5°58	19°D14	18° 6	29° 6	21°44	T 18
F 19	13 49 46	29°18'01	6♌34	16°14	16° 6	12°21	15°13	8°39	10°44	9° 9	5°58	19°14	18° 3	29°13	21°47	F 19
S 20	13 53 42	0♉16'42	18°25	18° 6	17°20	13° 7	15°27	8°39	10°46	9°10	5°59	19°15	18° 0	29°20	21°50	S 20
S 21	13 57 39	1°15'21	0♍13	20° 1	18°34	13°53	15°42	8°39	10°47	9°11	6° 0	19°17	17°56	29°26	21°53	S 21
M22	14 1 36	2°13'58	12° 3	21°57	19°47	14°39	15°56	8°38	10°48	9°11	6° 0	19°18	17°53	29°33	21°56	M22
T 23	14 5 32	3°12'32	23°59	23°55	21° 1	15°25	16°10	8°38	10°49	9°12	6° 1	19°R18	17°50	29°40	21°59	T 23
W24	14 9 29	4°11'05	6♎ 5	25°54	22°15	16°11	16°24	8°37	10°50	9°13	6° 2	19°17	17°47	29°46	22° 2	W24
T 25	14 13 25	5° 9'35	18°23	27°54	23°29	16°57	16°38	8°37	10°51	9°13	6° 3	19°13	17°44	29°53	22° 5	T 25
F 26	14 17 22	6° 8'04	0♏57	29°56	24°42	17°43	16°52	8°36	10°52	9°14	6° 4	19° 8	17°40	29°59	22° 8	F 26
S 27	14 21 18	7° 6'30	13°45	2♑ 0	25°56	18°29	17° 7	8°35	10°53	9°14	6° 4	19° 0	17°37	0♍ 6	22°11	S 27
S 28	14 25 15	8° 4'55	26°49	4° 4	27° 9	19°15	17°21	8°34	10°54	9°15	6° 5	18°52	17°34	0°13	22°14	S 28
M29	14 29 11	9° 3'18	10♐ 7	6°10	28°23	20° 1	17°35	8°33	10°55	9°15	6° 6	18°43	17°31	0°19	22°17	M29
T 30	14 33 8	10♉ 1'40	23♐38	8♉17	29♉36	20♓47	17♈49	8♑32	10♒56	9♒15	6♋ 7	18♍36	17♍28	0♍26	22♓20	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	4n35	15s20	4n57	7s19	2s16	8n25	0s54	13s 9	1s14	3n19	1s 5	22s12	0n57	18s15	0s36	17s50	0n12	18n37	4s40	4n 2	4n21	10n38	0n22	4n23
T 2	4 58	17 12	5 13	6 49	2 19	8 54	0 52	12 53	1 15	3 25	1 5	22 12	0 57	18 14	0 36	17 50	0 12	18 37	4 40	4 4	4 22	10 36	0 23	4 23
W 3	5 21	18 10	5 13	6 17	2 22	9 23	0 50	12 37	1 15	3 30	1 5	22 12	0 57	18 14	0 36	17 50	0 12	18 37	4 40	4 4	4 23	10 35	0 25	4 23
T 4	5 44	18 7	4 55	5 45	2 24	9 52	0 48	12 21	1 16	3 36	1 5	22 11	0 57	18 13	0 36	17 49	0 12	18 37	4 40	4 5	4 25	10 33	0 26	4 23
F 5	6 7	16 58	4 19	5 11	2 26	10 20	0 46	12 5	1 16	3 41	1 5	22 11	0 57	18 13	0 36	17 49	0 12	18 38	4 40	4 5	4 26	10 32	0 28	4 23
S 6	6 30	14 46	3 28	4 36	2 27	10 48	0 43	11 49	1 16	3 47	1 5	22 11	0 57	18 12	0 36	17 49	0 12	18 38	4 40	4 4	4 27	10 30	0 29	4 23
S 7	6 52	11 36	2 22	3 59	2 28	11 16	0 41	11 33	1 17	3 53	1 5	22 11	0 57	18 12	0 36	17 49	0 12	18 38	4 39	4 4	4 28	10 29	0 30	4 23
M 8	7 15	7 41	1 6	3 22	2 28	11 44	0 39	11 17	1 17	3 58	1 5	22 11	0 57	18 11	0 36	17 48	0 12	18 38	4 39	4 3	4 30	10 27	0 32	4 23
T 9	7 37	3 16	0s14	2 44	2 28	12 11	0 37	11 0	1 18	4 4	1 5	22 11	0 57	18 11	0 36	17 48	0 12	18 38	4 39	4 3	4 31	10 26	0 33	4 23
W10	7 59	1n21	1 33	2 4	2 27	12 38	0 35	10 43	1 18	4 10	1 5	22 11	0 57	18 10	0 37	17 48	0 12	18 38	4 39	4 3	4 32	10 24	0 35	4 23
T 11	8 21	5 51	2 46	1 24	2 26	13 5	0 32	10 27	1 18	4 15	1 5	22 11	0 57	18 10	0 37	17 47	0 12	18 38	4 39	4 4	4 33	10 23	0 36	4 23
F 12	8 43	9 56	3 46	0 42	2 24	13 31	0 30	10 10	1 19	4 21	1 5	22 11	0 57	18 9	0 37	17 47	0 12	18 39	4 39	4 6	4 35	10 21	0 37	4 23
S 13	9 5	13 22	4 32	0 0	2 22	13 57	0 28	9 53	1 19	4 26	1 5	22 11	0 57	18 9	0 37	17 47	0 12	18 39	4 39	4 8	4 36	10 20	0 39	4 23
S 14	9 27	15 57	5 0	0n43	2 19	14 23	0 25	9 36	1 20	4 32	1 5	22 11	0 57	18 9	0 37	17 47	0 12	18 39	4 38	4 10	4 37	10 18	0 40	4 23
M15	9 48	17 37	5 12	1 28	2 16	14 48	0 23	9 19	1 20	4 37	1 5	22 11	0 57	18 8	0 37	17 47	0 12	18 39	4 38	4 12	4 38	10 17	0 42	4 23
T 16	10 10	18 18	5 7	2 13	2 13	15 13	0 21	9 2	1 20	4 43	1 5	22 11	0 57	18 8	0 37	17 46	0 12	18 39	4 38	4 14	4 40	10 15	0 43	4 23
W17	10 31	18 5	4 47	2 59	2 8	15 38	0 18	8 45	1 21	4 48	1 5	22 11	0 57	18 8	0 37	17 46	0 12	18 39	4 38	4 15	4 41	10 14	0 44	4 23
T 18	10 52	17 0	4 15	3 46	2 4	16 2	0 16	8 28	1 21	4 54	1 5	22 11	0 57	18 7	0 37	17 46	0 12	18 39	4 38	4 16	4 42	10 12	0 46	4 24
F 19	11 13	15 12	3 32	4 33	1 58	16 26	0 13	8 11	1 21	4 59	1 5	22 11	0 58	18 7	0 37	17 46	0 12	18 39	4 38	4 15	4 43	10 10	0 47	4 24
S 20	11 33	12 45	2 40	5 21	1 53	16 49	0 11	7 53	1 22	5 5	1 5	22 11	0 58	18 7	0 37	17 46	0 12	18 40	4 37	4 15	4 45	10 9	0 48	4 24
S 21	11 54	9 48	1 42	6 10	1 47	17 12	0 8	7 36	1 22	5 10	1 5	22 11	0 58	18 6	0 37	17 45	0 12	18 40	4 37	4 14	4 46	10 7	0 50	4 24
M22	12 14	6 26	0 39	7 0	1 40	17 35	0 6	7 18	1 22	5 16	1 5	22 11	0 58	18 6	0 37	17 45	0 12	18 40	4 37	4 14	4 47	10 6	0 51	4 24
T 23	12 34	2 47	0n25	7 50	1 33	17 57	0 3	7 1	1 23	5 21	1 5	22 11	0 58	18 6	0 37	17 45	0 12	18 40	4 37	4 14	4 48	10 4	0 52	4 24
W24	12 54	1s 2	1 30	8 40	1 25	18 18	0 0	6 43	1 23	5 26	1 5	22 11	0 58	18 5	0 37	17 45	0 12	18 40	4 37	4 14	4 50	10 3	0 54	4 24
T 25	13 14	4 53	2 31	9 31	1 17	18 39	0n 2	6 26	1 23	5 32	1 5	22 11	0 58	18 5	0 37	17 45	0 12	18 40	4 37	4 16	4 51	10 1	0 55	4 24
F 26	13 33	8 34	3 26	10 22	1 9	19 0	0 5	6 8	1 24	5 37	1 5	22 11	0 58	18 5	0 37	17 45	0 12	18 40	4 37	4 18	4 52	10 0	0 56	4 24
S 27	13 52	11 57	4 11	11 13	1 0	19 20	0 7	5 50	1 24	5 42	1 5	22 11	0 58	18 5	0 37	17 45	0 12	18 40	4 36	4 21	4 53	9 58	0 57	4 24
S 28	14 11	14 48	4 45	12 4	0 50	19 40	0 10	5 32	1 24	5 48	1 5	22 11	0 58	18 5	0 37	17 44	0 12	18 41	4 36	4 24	4 54	9 57	0 59	4 25
M29	14 30	16 56	5 4	12 55	0 41	19 59	0 13	5 14	1 24	5 53	1 5	22 11	0 58	18 4	0 37	17 44	0 12	18 41	4 36	4 27	4 56	9 55	1 0	4 25
T 30	14n49	18s10	5n 6	13n46	0s31	20n18	0n15	4s57	1s25	5n58	1s 6	22s11	0n58	18s 4	0s37	17s44	0n12	18n41	4s36	4n30	4n57	9n54	1n 1	4n25

Julian Day Number = 2511900.5, Delta T = 132.74 sec
Ecliptic obliquity = 23°24'55, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°02'58, Lahiri = 26°09'58

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2165
geocentric

MAY 2165 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 37 5	11♉ 0'00	7♋19	10♉25	0♊50	21♓33	18♈ 2	8°R30	10♒56	9♒16	6♋ 8	18°R29	17♍25	0♍33	22♓23	W 1
T 2	14 41 1	11°58'18	21°10	12°34	2° 3	22°19	18°16	8♋29	10°57	9°16	6° 9	18♍25	17°21	0°39	22°26	T 2
F 3	14 44 58	12°56'35	5♒ 8	14°43	3°17	23° 5	18°30	8°27	10°58	9°16	6°10	18°23	17°18	0°46	22°28	F 3
S 4	14 48 54	13°54'50	19°13	16°53	4°30	23°51	18°44	8°26	10°58	9°17	6°11	18°D23	17°15	0°53	22°31	S 4
S 5	14 52 51	14°53'04	3♓24	19° 2	5°44	24°37	18°58	8°24	10°59	9°17	6°12	18°24	17°12	0°59	22°34	S 5
M 6	14 56 47	15°51'17	17°39	21°11	6°57	25°23	19°11	8°22	10°59	9°17	6°13	18°R24	17° 9	1° 6	22°36	M 6
T 7	15 0 44	16°49'28	1♈57	23°20	8°10	26° 9	19°25	8°21	11° 0	9°17	6°14	18°24	17° 5	1°13	22°39	T 7
W 8	15 4 40	17°47'37	16°13	25°28	9°24	26°55	19°39	8°19	11° 0	9°17	6°15	18°21	17° 2	1°19	22°41	W 8
T 9	15 8 37	18°45'45	0♉25	27°35	10°37	27°41	19°52	8°17	11° 0	9°17	6°16	18°15	16°59	1°26	22°44	T 9
F 10	15 12 34	19°43'51	14°28	29°40	11°50	28°27	20° 6	8°15	11° 1	9°17	6°17	18° 8	16°56	1°33	22°46	F 10
S 11	15 16 30	20°41'56	28°16	1♊44	13° 3	29°13	20°19	8°12	11° 1	9°R17	6°18	17°58	16°53	1°39	22°49	S 11
S 12	15 20 27	21°40'00	11♊47	3°46	14°16	29°58	20°33	8°10	11° 1	9°17	6°19	17°47	16°50	1°46	22°51	S 12
M13	15 24 23	22°38'01	24°57	5°46	15°30	0♈44	20°46	8° 8	11° 1	9°17	6°20	17°37	16°46	1°53	22°53	M13
T 14	15 28 20	23°36'01	7♋47	7°43	16°43	1°30	21° 0	8° 5	11° 1	9°17	6°21	17°28	16°43	1°59	22°56	T 14
W15	15 32 16	24°33'59	20°17	9°38	17°56	2°16	21°13	8° 3	11°R 1	9°17	6°22	17°20	16°40	2° 6	22°58	W15
T 16	15 36 13	25°31'55	2♌30	11°29	19° 9	3° 1	21°26	8° 0	11° 1	9°17	6°23	17°16	16°37	2°12	23° 0	T 16
F 17	15 40 9	26°29'50	14°30	13°18	20°22	3°47	21°39	7°57	11° 1	9°17	6°25	17°13	16°34	2°19	23° 2	F 17
S 18	15 44 6	27°27'43	26°21	15° 4	21°35	4°33	21°52	7°55	11° 1	9°17	6°26	17°D12	16°31	2°26	23° 4	S 18
S 19	15 48 3	28°25'34	8♍10	16°47	22°48	5°18	22° 5	7°52	11° 1	9°16	6°27	17°13	16°27	2°32	23° 6	S 19
M20	15 51 59	29°23'23	20° 0	18°27	24° 0	6° 4	22°18	7°49	11° 1	9°16	6°28	17°R13	16°24	2°39	23° 8	M20
T 21	15 55 56	0♊21'10	1♎59	20° 3	25°13	6°49	22°31	7°46	11° 1	9°16	6°29	17°12	16°21	2°46	23°10	T 21
W22	15 59 52	1°18'56	14°10	21°36	26°26	7°35	22°44	7°43	11° 0	9°16	6°31	17° 9	16°18	2°52	23°12	W22
T 23	16 3 49	2°16'41	26°37	23° 6	27°39	8°20	22°57	7°40	11° 0	9°15	6°32	17° 4	16°15	2°59	23°14	T 23
F 24	16 7 45	3°14'24	9♏24	24°32	28°52	9° 6	23°10	7°37	11° 0	9°15	6°33	16°56	16°11	3° 6	23°16	F 24
S 25	16 11 42	4°12'05	22°30	25°55	0♋ 4	9°51	23°22	7°33	10°59	9°14	6°34	16°46	16° 8	3°12	23°17	S 25
S 26	16 15 38	5° 9'45	5♐56	27°14	1°17	10°36	23°35	7°30	10°59	9°14	6°36	16°34	16° 5	3°19	23°19	S 26
M27	16 19 35	6° 7'24	19°38	28°29	2°29	11°22	23°47	7°27	10°58	9°13	6°37	16°22	16° 2	3°26	23°21	M27
T 28	16 23 32	7° 5'02	3♋35	29°41	3°42	12° 7	24° 0	7°23	10°57	9°13	6°38	16°11	15°59	3°32	23°22	T 28
W29	16 27 28	8° 2'39	17°40	0♋50	4°55	12°52	24°12	7°20	10°57	9°12	6°40	16° 2	15°56	3°39	23°24	W29
T 30	16 31 25	9° 0'14	1♒51	1°54	6° 7	13°37	24°24	7°16	10°56	9°12	6°41	15°56	15°52	3°46	23°25	T 30
F 31	16 35 21	9♊57'49	16♒ 3	2♋55	7♋19	14♈22	24♈37	7♋12	10♒55	9♒11	6♋42	15♍52	15♍49	3♍52	23♓27	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	15n 7	18s23	4n51	14n36	0s21	20n36	0n18	4s39	1s25	6n 4	1s 6	22s11	0n58	18s 4	0s37	17s44	0n12	18n41	4s36	4n33	4n58	9n52	1n 2	4n25
T 2	15 25	17 30	4 19	15 26	0 10	20 53	0 20	4 21	1 25	6 9	1 6	22 11	0 58	18 4	0 37	17 44	0 12	18 41	4 36	4 34	4 59	9 51	1 3	4 25
F 3	15 42	15 33	3 31	16 14	0n 0	21 10	0 23	4 3	1 25	6 14	1 6	22 11	0 58	18 4	0 37	17 44	0 11	18 41	4 36	4 35	5 1	9 49	1 5	4 25
S 4	16 0	12 40	2 30	17 2	0 11	21 26	0 26	3 45	1 26	6 19	1 6	22 11	0 58	18 4	0 37	17 44	0 11	18 41	4 35	4 35	5 2	9 47	1 6	4 25
S 5	16 17	9 1	1 20	17 48	0 21	21 42	0 28	3 27	1 26	6 24	1 6	22 11	0 58	18 3	0 37	17 44	0 11	18 41	4 35	4 35	5 3	9 46	1 7	4 25
M 6	16 34	4 49	0 4	18 33	0 32	21 57	0 31	3 9	1 26	6 29	1 6	22 11	0 58	18 3	0 37	17 44	0 11	18 41	4 35	4 35	5 4	9 44	1 8	4 26
T 7	16 51	0 20	1s12	19 16	0 42	22 12	0 33	2 51	1 26	6 34	1 6	22 12	0 58	18 3	0 38	17 44	0 11	18 41	4 35	4 35	5 6	9 43	1 9	4 26
W 8	17 7	4n10	2 23	19 58	0 53	22 26	0 36	2 33	1 26	6 40	1 6	22 12	0 58	18 3	0 38	17 44	0 11	18 41	4 35	4 36	5 7	9 41	1 10	4 26
T 9	17 23	8 24	3 25	20 37	1 3	22 39	0 38	2 15	1 27	6 45	1 6	22 12	0 58	18 3	0 38	17 44	0 11	18 42	4 35	4 38	5 8	9 40	1 11	4 26
F 10	17 39	12 7	4 14	21 14	1 12	22 52	0 41	1 57	1 27	6 50	1 6	22 12	0 58	18 3	0 38	17 44	0 11	18 42	4 35	4 41	5 9	9 38	1 13	4 26
S 11	17 55	15 6	4 46	21 49	1 21	23 4	0 43	1 38	1 27	6 55	1 6	22 12	0 58	18 3	0 38	17 44	0 11	18 42	4 35	4 45	5 11	9 37	1 14	4 26
S 12	18 10	17 11	5 2	22 21	1 30	23 15	0 46	1 20	1 27	7 0	1 6	22 12	0 58	18 3	0 38	17 44	0 11	18 42	4 34	4 49	5 12	9 35	1 15	4 26
M13	18 25	18 18	5 1	22 51	1 38	23 26	0 48	1 2	1 27	7 4	1 6	22 12	0 58	18 3	0 38	17 44	0 11	18 42	4 34	4 53	5 13	9 33	1 16	4 27
T 14	18 39	18 27	4 45	23 19	1 46	23 36	0 51	0 44	1 27	7 9	1 7	22 13	0 58	18 3	0 38	17 44	0 11	18 42	4 34	4 57	5 14	9 32	1 17	4 27
W15	18 54	17 40	4 16	23 43	1 52	23 45	0 53	0 26	1 27	7 14	1 7	22 13	0 58	18 3	0 38	17 44	0 11	18 42	4 34	5 0	5 15	9 30	1 18	4 27
T 16	19 7	16 6	3 35	24 6	1 59	23 54	0 56	0 8	1 27	7 19	1 7	22 13	0 58	18 3	0 38	17 44	0 11	18 42	4 34	5 2	5 17	9 29	1 19	4 27
F 17	19 21	13 50	2 45	24 25	2 4	24 2	0 58	0n10	1 28	7 24	1 7	22 13	0 58	18 3	0 38	17 44	0 11	18 42	4 34	5 3	5 18	9 27	1 20	4 27
S 18	19 34	11 1	1 49	24 43	2 9	24 9	1 0	0 28	1 28	7 29	1 7	22 13	0 58	18 3	0 38	17 44	0 11	18 42	4 34	5 3	5 19	9 26	1 21	4 27
S 19	19 47	7 45	0 48	24 57	2 12	24 16	1 3	0 46	1 28	7 33	1 7	22 13	0 58	18 3	0 38	17 44	0 11	18 42	4 34	5 3	5 20	9 24	1 22	4 28
M20	20 0	4 11	0n15	25 10	2 15	24 22	1 5	1 4	1 28	7 38	1 7	22 14	0 58	18 3	0 38	17 44	0 11	18 42	4 33	5 3	5 22	9 22	1 23	4 28
T 21	20 12	0 24	1 18	25 20	2 18	24 27	1 7	1 22	1 28	7 43	1 7	22 14	0 58	18 4	0 38	17 44	0 11	18 42	4 33	5 3	5 23	9 21	1 24	4 28
W22	20 24	3s28	2 18	25 28	2 19	24 31	1 9	1 39	1 28	7 48	1 7	22 14	0 58	18 4	0 38	17 44	0 11	18 42	4 33	5 4	5 24	9 19	1 24	4 28
T 23	20 36	7 15	3 13	25 33	2 19	24 35	1 12	1 57	1 28	7 52	1 7	22 14	0 58	18 4	0 38	17 44	0 11	18 42	4 33	5 6	5 25	9 18	1 25	4 28
F 24	20 47	10 49	4 0	25 37	2 19	24 38	1 14	2 15	1 28	7 57	1 8	22 14	0 58	18 4	0 38	17 44	0 11	18 43	4 33	5 9	5 27	9 16	1 26	4 28
S 25	20 58	13 57	4 35	25 39	2 18	24 41	1 16	2 33	1 28	8 1	1 8	22 15	0 58	18 4	0 38	17 45	0 11	18 43	4 33	5 13	5 28	9 15	1 27	4 29
S 26	21 8	16 25	4 56	25 39	2 16	24 42	1 18	2 51	1 28	8 6	1 8	22 15	0 58	18 4	0 38	17 45	0 11	18 43	4 33	5 18	5 29	9 13	1 28	4 29
M27	21 18	18 1	5 1	25 37	2 13	24 43	1 20	3 8	1 28	8 10	1 8	22 15	0 57	18 4	0 38	17 45	0 11	18 43	4 33	5 22	5 30	9 11	1 29	4 29
T 28	21 28	18 35	4 48	25 34	2 9	24 44	1 22	3 26	1 28	8 15	1 8	22 15	0 57	18 5	0 38	17 45	0 11	18 43	4 33	5 27	5 31	9 10	1 30	4 29
W29	21 38	18 0	4 17	25 29	2 4	24 43	1 24	3 44	1 28	8 19	1 8	22 15	0 57	18 5	0 38	17 45	0 11	18 43	4 32	5 30	5 33	9 8	1 30	4 29
T 30	21 47	16 18	3 30	25 23	1 59	24 42	1 26	4 1	1 28	8 24	1 8	22 16	0 57	18 5	0 38	17 45	0 11	18 43	4 32	5 33	5 34	9 7	1 31	4 29
F 31	21n55	13s37	2n31	25n15	1n52	24n40	1n27	4n19	1s28	8n28	1s 8	22s16	0n57	18s 5	0s38	17s45	0n11	18n43	4s32	5n34	5n35	9n 5	1n32	4n30

Julian Day Number = 2511930.5, Delta T = 132.81 sec
Ecliptic obliquity = 23°24'55, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°03'02, Lahiri = 26°10'02

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2165
geocentric

JUNE 2165 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 39 18	10♊55'23	0♓14	3♋52	8♋32	15♈ 8	24♈49	7°R 9	10°R55	9°R11	6♋44	15°R51	15♍46	3♍59	23♓28	S 1
S 2	16 43 14	11°52'56	14°21	4°45	9°44	15°53	25° 1	7♑ 5	10♒54	9♒10	6°45	15♍51	15°43	4° 6	23°30	S 2
M 3	16 47 11	12°50'28	28°25	5°34	10°57	16°38	25°13	7° 1	10°53	9° 9	6°46	15°51	15°40	4°12	23°31	M 3
T 4	16 51 7	13°48'00	12♈25	6°18	12° 9	17°23	25°25	6°57	10°52	9° 8	6°48	15°49	15°37	4°19	23°32	T 4
W 5	16 55 4	14°45'30	26°19	6°59	13°21	18° 8	25°37	6°54	10°51	9° 8	6°49	15°45	15°33	4°25	23°33	W 5
T 6	16 59 1	15°43'00	10♉ 5	7°35	14°33	18°52	25°48	6°50	10°50	9° 7	6°50	15°39	15°30	4°32	23°35	T 6
F 7	17 2 57	16°40'29	23°43	8° 7	15°46	19°37	26° 0	6°46	10°49	9° 6	6°52	15°29	15°27	4°39	23°36	F 7
S 8	17 6 54	17°37'58	7♊ 8	8°35	16°58	20°22	26°12	6°42	10°48	9° 5	6°53	15°18	15°24	4°45	23°37	S 8
S 9	17 10 50	18°35'25	20°20	8°58	18°10	21° 7	26°23	6°38	10°47	9° 4	6°54	15° 5	15°21	4°52	23°38	S 9
M10	17 14 47	19°32'52	3♋16	9°17	19°22	21°51	26°34	6°33	10°46	9° 4	6°56	14°52	15°17	4°59	23°39	M10
T 11	17 18 43	20°30'18	15°55	9°31	20°34	22°36	26°46	6°29	10°44	9° 3	6°57	14°41	15°14	5° 5	23°39	T 11
W12	17 22 40	21°27'42	28°19	9°41	21°46	23°21	26°57	6°25	10°43	9° 2	6°59	14°32	15°11	5°12	23°40	W12
T 13	17 26 36	22°25'06	10♌27	9°46	22°58	24° 5	27° 8	6°21	10°42	9° 1	7° 0	14°26	15° 8	5°19	23°41	T 13
F 14	17 30 33	23°22'29	22°25	9°R46	24°10	24°50	27°19	6°17	10°40	9° 0	7° 2	14°22	15° 5	5°25	23°42	F 14
S 15	17 34 30	24°19'50	4♍15	9°42	25°21	25°34	27°30	6°12	10°39	8°59	7° 3	14°20	15° 2	5°32	23°42	S 15
S 16	17 38 26	25°17'11	16° 3	9°33	26°33	26°18	27°41	6° 8	10°38	8°58	7° 4	14°D20	14°58	5°39	23°43	S 16
M17	17 42 23	26°14'31	27°54	9°21	27°45	27° 3	27°51	6° 4	10°36	8°57	7° 6	14°R20	14°55	5°45	23°44	M17
T 18	17 46 19	27°11'50	9♎53	9° 4	28°57	27°47	28° 2	5°59	10°35	8°56	7° 7	14°19	14°52	5°52	23°44	T 18
W19	17 50 16	28° 9'08	22° 6	8°44	0♏ 8	28°31	28°13	5°55	10°33	8°54	7° 9	14°17	14°49	5°59	23°44	W19
T 20	17 54 12	29° 6'25	4♏37	8°20	1°20	29°15	28°23	5°51	10°32	8°53	7°10	14°12	14°46	6° 5	23°45	T 20
F 21	17 58 9	0♋ 3'42	17°30	7°53	2°31	29°59	28°33	5°46	10°30	8°52	7°12	14° 6	14°43	6°12	23°45	F 21
S 22	18 2 5	1° 0'57	0♐47	7°23	3°43	0♉43	28°43	5°42	10°28	8°51	7°13	13°57	14°39	6°18	23°45	S 22
S 23	18 6 2	1°58'12	14°28	6°52	4°54	1°27	28°53	5°38	10°27	8°50	7°15	13°46	14°36	6°25	23°46	S 23
M24	18 9 59	2°55'27	28°31	6°18	6° 5	2°11	29° 3	5°33	10°25	8°49	7°16	13°35	14°33	6°32	23°46	M24
T 25	18 13 55	3°52'41	12♑51	5°44	7°17	2°54	29°13	5°29	10°23	8°47	7°18	13°25	14°30	6°38	23°46	T 25
W26	18 17 52	4°49'55	27°22	5° 9	8°28	3°38	29°23	5°24	10°21	8°46	7°19	13°17	14°27	6°45	23°R46	W26
T 27	18 21 48	5°47'09	11♒57	4°34	9°39	4°22	29°33	5°20	10°20	8°45	7°21	13°11	14°23	6°52	23°46	T 27
F 28	18 25 45	6°44'22	26°30	4° 0	10°50	5° 5	29°42	5°15	10°18	8°43	7°22	13° 8	14°20	6°58	23°46	F 28
S 29	18 29 41	7°41'35	10♓57	3°27	12° 1	5°49	29°51	5°11	10°16	8°42	7°24	13°D 7	14°17	7° 5	23°46	S 29
S 30	18 33 38	8♋38'48	25♓14	2♋56	13♌12	6♉32	0♉ 1	5♑ 7	10♒14	8♒41	7♋25	13♍ 8	14♍14	7♍12	23♓46	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n 4	10s 6	1n22	25n 6	1n45	24n37	1n29	4n36	1s28	8n32	1s 8	22s16	0n57	18s 6	0s38	17s46	0n11	18n43	4s32	5n34	5n36	9n 3	1n33	4n30
S 2	22 11	6 2	0 8	24 56	1 37	24 34	1 31	4 53	1 28	8 37	1 9	22 16	0 57	18 6	0 38	17 46	0 11	18 43	4 32	5 35	5 38	9 2	1 33	4 30
M 3	22 19	1 38	1s 6	24 45	1 28	24 30	1 32	5 11	1 28	8 41	1 9	22 17	0 57	18 6	0 38	17 46	0 11	18 43	4 32	5 35	5 39	9 0	1 34	4 30
T 4	22 26	2n49	2 16	24 34	1 18	24 25	1 34	5 28	1 28	8 45	1 9	22 17	0 57	18 6	0 39	17 46	0 11	18 43	4 32	5 35	5 40	8 59	1 35	4 30
W 5	22 33	7 5	3 17	24 21	1 7	24 20	1 35	5 45	1 28	8 49	1 9	22 17	0 57	18 7	0 39	17 46	0 11	18 43	4 32	5 37	5 41	8 57	1 35	4 31
T 6	22 39	10 57	4 5	24 7	0 56	24 14	1 37	6 2	1 28	8 53	1 9	22 17	0 57	18 7	0 39	17 47	0 11	18 43	4 32	5 39	5 43	8 55	1 36	4 31
F 7	22 45	14 10	4 39	23 53	0 43	24 7	1 38	6 19	1 27	8 57	1 9	22 18	0 57	18 7	0 39	17 47	0 11	18 43	4 32	5 43	5 44	8 54	1 36	4 31
S 8	22 50	16 35	4 58	23 39	0 30	23 59	1 40	6 36	1 27	9 1	1 9	22 18	0 57	18 8	0 39	17 47	0 11	18 43	4 32	5 47	5 45	8 52	1 37	4 31
S 9	22 56	18 5	4 59	23 23	0 17	23 51	1 41	6 53	1 27	9 5	1 10	22 18	0 57	18 8	0 39	17 47	0 11	18 43	4 31	5 52	5 46	8 51	1 38	4 31
M10	23 0	18 37	4 45	23 8	0 2	23 42	1 42	7 10	1 27	9 9	1 10	22 18	0 57	18 8	0 39	17 47	0 11	18 43	4 31	5 57	5 47	8 49	1 38	4 32
T 11	23 5	18 12	4 18	22 52	0s13	23 33	1 43	7 26	1 27	9 13	1 10	22 19	0 57	18 9	0 39	17 48	0 11	18 43	4 31	6 1	5 49	8 47	1 39	4 32
W12	23 8	16 55	3 38	22 36	0 28	23 22	1 44	7 43	1 27	9 17	1 10	22 19	0 57	18 9	0 39	17 48	0 11	18 43	4 31	6 5	5 50	8 46	1 39	4 32
T 13	23 12	14 53	2 49	22 19	0 44	23 12	1 45	7 59	1 27	9 21	1 10	22 19	0 57	18 9	0 39	17 48	0 11	18 43	4 31	6 7	5 51	8 44	1 40	4 32
F 14	23 15	12 14	1 54	22 3	1 0	23 0	1 46	8 16	1 26	9 25	1 10	22 19	0 57	18 10	0 39	17 49	0 11	18 43	4 31	6 9	5 52	8 43	1 40	4 32
S 15	23 18	9 7	0 53	21 47	1 17	22 48	1 47	8 32	1 26	9 29	1 10	22 20	0 57	18 10	0 39	17 49	0 11	18 43	4 31	6 10	5 54	8 41	1 41	4 33
S 16	23 20	5 38	0n 9	21 31	1 34	22 35	1 48	8 48	1 26	9 32	1 11	22 20	0 57	18 11	0 39	17 49	0 11	18 43	4 31	6 10	5 55	8 39	1 41	4 33
M17	23 22	1 56	1 12	21 15	1 51	22 22	1 48	9 4	1 26	9 36	1 11	22 20	0 57	18 11	0 39	17 49	0 11	18 43	4 31	6 10	5 56	8 38	1 41	4 33
T 18	23 23	1s54	2 11	20 59	2 8	22 8	1 49	9 20	1 26	9 40	1 11	22 20	0 56	18 12	0 39	17 50	0 11	18 43	4 31	6 10	5 57	8 36	1 42	4 33
W19	23 24	5 43	3 6	20 44	2 24	21 53	1 50	9 36	1 25	9 43	1 11	22 21	0 56	18 12	0 39	17 50	0 11	18 43	4 31	6 11	5 59	8 34	1 42	4 33
T 20	23 25	9 22	3 54	20 29	2 41	21 38	1 50	9 52	1 25	9 47	1 11	22 21	0 56	18 12	0 39	17 50	0 11	18 43	4 31	6 13	6 0	8 33	1 42	4 34
F 21	23 25	12 42	4 31	20 14	2 57	21 22	1 50	10 8	1 25	9 50	1 11	22 21	0 56	18 13	0 39	17 51	0 11	18 43	4 31	6 15	6 1	8 31	1 43	4 34
S 22	23 25	15 29	4 55	20 1	3 12	21 6	1 51	10 23	1 25	9 54	1 12	22 21	0 56	18 13	0 39	17 51	0 11	18 43	4 30	6 19	6 2	8 30	1 43	4 34
S 23	23 24	17 30	5 2	19 48	3 27	20 49	1 51	10 39	1 24	9 57	1 12	22 22	0 56	18 14	0 39	17 51	0 11	18 43	4 30	6 23	6 3	8 28	1 43	4 34
M24	23 23	18 32	4 52	19 36	3 40	20 31	1 51	10 54	1 24	10 0	1 12	22 22	0 56	18 14	0 39	17 52	0 11	18 43	4 30	6 27	6 5	8 26	1 44	4 34
T 25	23 22	18 25	4 24	19 25	3 53	20 13	1 51	11 9	1 24	10 4	1 12	22 22	0 56	18 15	0 39	17 52	0 11	18 43	4 30	6 31	6 6	8 25	1 44	4 35
W26	23 20	17 6	3 38	19 15	4 4	19 55	1 51	11 24	1 23	10 7	1 12	22 22	0 56	18 15	0 39	17 52	0 11	18 43	4 30	6 34	6 7	8 23	1 44	4 35
T 27	23 17	14 40	2 38	19 6	4 14	19 36	1 51	11 39	1 23	10 10	1 12	22 23	0 56	18 16	0 39	17 53	0 11	18 43	4 30	6 36	6 8	8 21	1 44	4 35
F 28	23 15	11 18	1 27	18 59	4 23	19 16	1 51	11 54	1 23	10 13	1 13	22 23	0 56	18 16	0 39	17 53	0 11	18 43	4 30	6 37	6 10	8 20	1 44	4 35
S 29	23 12	7 16	0 12	18 52	4 30	18 56	1 50	12 9	1 22	10 16	1 13	22 23	0 56	18 17	0 39	17 53	0 11	18 43	4 30	6 38	6 11	8 18	1 44	4 35
S 30	23n 8	2s53	1s 4	18n47	4s36	18n36	1n50	12n24	1s22	10n19	1s13	22s23	0n56	18s17	0s39	17s54	0n11	18n43	4s30	6n37	6n12	8n16	1n45	4n36

Julian Day Number = 2511961.5, Delta T = 132.87 sec
Ecliptic obliquity = 23°24'55, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°03'06, Lahiri = 26°10'07

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2165
geocentric

JULY 2165 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 37 34	9♋36'02	9♈18	2°R28	14♌23	7♉15	0♉10	5°R 2	10°R12	8°R39	7♋26	13°R 8	14♍11	7♍18	23°R45	M 1
T 2	18 41 31	10°33'15	23°11	2♋ 2	15°34	7°59	0°19	4♑58	10♒10	8♒38	7°28	13♍ 7	14° 8	7°25	23♓45	T 2
W 3	18 45 28	11°30'29	6♉50	1°40	16°45	8°42	0°28	4°53	10° 8	8°37	7°29	13° 5	14° 4	7°32	23°45	W 3
T 4	18 49 24	12°27'42	20°18	1°21	17°56	9°25	0°36	4°49	10° 6	8°35	7°31	13° 0	14° 1	7°38	23°44	T 4
F 5	18 53 21	13°24'56	3♊33	1° 7	19° 6	10° 8	0°45	4°45	10° 4	8°34	7°32	12°52	13°58	7°45	23°44	F 5
S 6	18 57 17	14°22'10	16°37	0°57	20°17	10°51	0°53	4°40	10° 2	8°32	7°34	12°43	13°55	7°51	23°43	S 6
S 7	19 1 14	15°19'24	29°27	0°51	21°27	11°34	1° 2	4°36	10° 0	8°31	7°35	12°33	13°52	7°58	23°43	S 7
M 8	19 5 10	16°16'38	12♋ 4	0°D50	22°38	12°16	1°10	4°32	9°58	8°30	7°37	12°23	13°49	8° 5	23°42	M 8
T 9	19 9 7	17°13'52	24°29	0°54	23°48	12°59	1°18	4°27	9°56	8°28	7°38	12°15	13°45	8°11	23°42	T 9
W10	19 13 3	18°11'07	6♌41	1° 4	24°59	13°42	1°26	4°23	9°53	8°27	7°40	12° 7	13°42	8°18	23°41	W10
T 11	19 17 0	19° 8'21	18°43	1°18	26° 9	14°24	1°34	4°19	9°51	8°25	7°41	12° 2	13°39	8°25	23°40	T 11
F 12	19 20 57	20° 5'35	0♍36	1°38	27°19	15° 7	1°41	4°15	9°49	8°24	7°43	12° 0	13°36	8°31	23°39	F 12
S 13	19 24 53	21° 2'49	12°24	2° 2	28°29	15°49	1°49	4°11	9°47	8°22	7°44	11°D59	13°33	8°38	23°38	S 13
S 14	19 28 50	22° 0'03	24°11	2°32	29°39	16°31	1°56	4° 6	9°45	8°20	7°45	11°59	13°29	8°45	23°37	S 14
M15	19 32 46	22°57'16	6♎ 1	3° 7	0♍49	17°13	2° 3	4° 2	9°42	8°19	7°47	12° 1	13°26	8°51	23°36	M15
T 16	19 36 43	23°54'30	17°59	3°48	1°59	17°55	2°11	3°58	9°40	8°17	7°48	12° 2	13°23	8°58	23°35	T 16
W17	19 40 39	24°51'44	0♏11	4°33	3° 9	18°37	2°17	3°54	9°38	8°16	7°50	12°R 2	13°20	9° 5	23°34	W17
T 18	19 44 36	25°48'58	12°42	5°23	4°19	19°19	2°24	3°50	9°36	8°14	7°51	12° 0	13°17	9°11	23°33	T 18
F 19	19 48 32	26°46'12	25°35	6°19	5°28	20° 1	2°31	3°47	9°33	8°13	7°53	11°57	13°14	9°18	23°32	F 19
S 20	19 52 29	27°43'27	8♐54	7°19	6°38	20°43	2°37	3°43	9°31	8°11	7°54	11°52	13°10	9°25	23°31	S 20
S 21	19 56 26	28°40'41	22°40	8°24	7°47	21°24	2°43	3°39	9°29	8° 9	7°55	11°46	13° 7	9°31	23°29	S 21
M22	20 0 22	29°37'56	6♑52	9°34	8°57	22° 6	2°50	3°35	9°26	8° 8	7°57	11°39	13° 4	9°38	23°28	M22
T 23	20 4 19	0♌35'11	21°26	10°49	10° 6	22°47	2°56	3°31	9°24	8° 6	7°58	11°33	13° 1	9°44	23°27	T 23
W24	20 8 15	1°32'26	6♒16	12° 8	11°15	23°28	3° 1	3°28	9°22	8° 5	7°59	11°28	12°58	9°51	23°25	W24
T 25	20 12 12	2°29'42	21°12	13°32	12°24	24° 9	3° 7	3°24	9°19	8° 3	8° 1	11°25	12°55	9°58	23°24	T 25
F 26	20 16 8	3°26'59	6♓ 8	15° 0	13°33	24°50	3°13	3°21	9°17	8° 1	8° 2	11°D24	12°51	10° 4	23°22	F 26
S 27	20 20 5	4°24'16	20°56	16°33	14°42	25°31	3°18	3°17	9°14	8° 0	8° 4	11°24	12°48	10°11	23°21	S 27
S 28	20 24 1	5°21'34	5♈29	18° 9	15°51	26°12	3°23	3°14	9°12	7°58	8° 5	11°25	12°45	10°18	23°19	S 28
M29	20 27 58	6°18'53	19°44	19°50	17° 0	26°53	3°28	3°10	9°10	7°57	8° 6	11°27	12°42	10°24	23°17	M29
T 30	20 31 55	7°16'13	3♉40	21°34	18° 8	27°34	3°33	3° 7	9° 7	7°55	8° 7	11°R27	12°39	10°31	23°16	T 30
W31	20 35 51	8♌13'35	17♉16	23♋22	19♍17	28♉14	3♉37	3♑ 4	9♒ 5	7♒53	8♋ 9	11♍27	12♍35	10♍38	23♓14	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23n 4	1n37	2s15	18n44	4s40	18n15	1n49	12n38	1s22	10n22	1s13	22s24	0n55	18s18	0s39	17s54	0n11	18n43	4s30	6n37	6n13	8n15	1n45	4n36
T 2	23 0	5 57	3 17	18 41	4 43	17 53	1 49	12 52	1 21	10 25	1 13	22 24	0 55	18 19	0 39	17 54	0 11	18 43	4 30	6 38	6 14	8 13	1 45	4 36
W 3	22 55	9 54	4 6	18 40	4 44	17 31	1 48	13 6	1 21	10 28	1 14	22 24	0 55	18 19	0 39	17 55	0 11	18 43	4 30	6 39	6 16	8 11	1 45	4 36
T 4	22 50	13 17	4 42	18 41	4 44	17 9	1 47	13 21	1 20	10 31	1 14	22 24	0 55	18 20	0 39	17 55	0 11	18 43	4 30	6 40	6 17	8 10	1 45	4 36
F 5	22 44	15 55	5 1	18 43	4 42	16 46	1 47	13 34	1 20	10 34	1 14	22 25	0 55	18 20	0 39	17 55	0 11	18 43	4 30	6 43	6 18	8 8	1 45	4 37
S 6	22 38	17 42	5 4	18 46	4 39	16 23	1 46	13 48	1 20	10 37	1 14	22 25	0 55	18 21	0 39	17 56	0 11	18 43	4 30	6 47	6 19	8 7	1 45	4 37
S 7	22 32	18 33	4 52	18 50	4 34	15 59	1 45	14 2	1 19	10 40	1 14	22 25	0 55	18 21	0 39	17 56	0 11	18 43	4 30	6 50	6 21	8 5	1 45	4 37
M 8	22 25	18 28	4 25	18 56	4 29	15 35	1 44	14 15	1 19	10 42	1 15	22 25	0 55	18 22	0 39	17 57	0 11	18 43	4 30	6 54	6 22	8 3	1 45	4 37
T 9	22 18	17 29	3 47	19 3	4 22	15 11	1 42	14 29	1 18	10 45	1 15	22 26	0 55	18 23	0 39	17 57	0 11	18 43	4 30	6 58	6 23	8 2	1 45	4 37
W10	22 11	15 42	2 58	19 10	4 14	14 46	1 41	14 42	1 18	10 47	1 15	22 26	0 55	18 23	0 39	17 57	0 11	18 42	4 30	7 0	6 24	8 0	1 44	4 37
T 11	22 3	13 16	2 2	19 19	4 5	14 21	1 40	14 55	1 17	10 50	1 15	22 26	0 55	18 24	0 40	17 58	0 11	18 42	4 30	7 2	6 25	7 58	1 44	4 38
F 12	21 55	10 18	1 1	19 29	3 56	13 56	1 38	15 8	1 17	10 52	1 15	22 26	0 54	18 24	0 40	17 58	0 11	18 42	4 30	7 3	6 27	7 57	1 44	4 38
S 13	21 46	6 56	0n 2	19 39	3 45	13 30	1 37	15 20	1 16	10 55	1 16	22 27	0 54	18 25	0 40	17 59	0 11	18 42	4 29	7 4	6 28	7 55	1 44	4 38
S 14	21 37	3 19	1 5	19 49	3 34	13 4	1 35	15 33	1 16	10 57	1 16	22 27	0 54	18 26	0 40	17 59	0 11	18 42	4 29	7 3	6 29	7 53	1 44	4 38
M15	21 28	0s27	2 6	20 0	3 22	12 37	1 33	15 45	1 15	10 59	1 16	22 27	0 54	18 26	0 40	17 59	0 11	18 42	4 29	7 3	6 30	7 52	1 44	4 38
T 16	21 18	4 14	3 2	20 12	3 10	12 11	1 31	15 57	1 15	11 1	1 16	22 27	0 54	18 27	0 40	18 0	0 11	18 42	4 29	7 3	6 31	7 50	1 43	4 39
W17	21 8	7 55	3 51	20 23	2 57	11 44	1 29	16 10	1 14	11 4	1 16	22 28	0 54	18 27	0 40	18 0	0 11	18 42	4 29	7 3	6 33	7 48	1 43	4 39
T 18	20 58	11 20	4 30	20 35	2 44	11 16	1 27	16 21	1 14	11 6	1 17	22 28	0 54	18 28	0 40	18 1	0 11	18 42	4 29	7 3	6 34	7 47	1 43	4 39
F 19	20 47	14 19	4 57	20 46	2 30	10 49	1 25	16 33	1 13	11 8	1 17	22 28	0 54	18 29	0 40	18 1	0 11	18 42	4 29	7 4	6 35	7 45	1 42	4 39
S 20	20 36	16 40	5 9	20 57	2 16	10 21	1 23	16 45	1 13	11 10	1 17	22 28	0 53	18 29	0 40	18 1	0 11	18 42	4 29	7 6	6 36	7 43	1 42	4 39
S 21	20 24	18 9	5 4	21 7	2 2	9 53	1 21	16 56	1 12	11 12	1 17	22 29	0 53	18 30	0 40	18 2	0 11	18 42	4 29	7 9	6 38	7 42	1 42	4 39
M22	20 12	18 34	4 40	21 16	1 48	9 25	1 18	17 7	1 11	11 14	1 17	22 29	0 53	18 31	0 40	18 2	0 11	18 42	4 29	7 11	6 39	7 40	1 41	4 40
T 23	20 0	17 47	3 58	21 25	1 34	8 56	1 16	17 18	1 11	11 15	1 18	22 29	0 53	18 31	0 40	18 3	0 11	18 42	4 29	7 13	6 40	7 38	1 41	4 40
W24	19 48	15 47	2 59	21 32	1 20	8 28	1 13	17 29	1 10	11 17	1 18	22 29	0 53	18 32	0 40	18 3	0 11	18 42	4 29	7 15	6 41	7 36	1 41	4 40
T 25	19 35	12 43	1 48	21 38	1 6	7 59	1 10	17 40	1 10	11 19	1 18	22 29	0 53	18 33	0 40	18 4	0 11	18 42	4 29	7 16	6 42	7 35	1 40	4 40
F 26	19 22	8 48	0 29	21 43	0 52	7 30	1 8	17 51	1 9	11 21	1 18	22 30	0 53	18 33	0 40	18 4	0 11	18 42	4 29	7 17	6 44	7 33	1 40	4 40
S 27	19 8	4 23	0s52	21 45	0 38	7 1	1 5	18 1	1 8	11 22	1 19	22 30	0 53	18 34	0 40	18 4	0 11	18 41	4 29	7 17	6 45	7 31	1 39	4 40
S 28	18 55	0n13	2 8	21 46	0 25	6 32	1 2	18 11	1 8	11 24	1 19	22 30	0 52	18 34	0 40	18 5	0 11	18 41	4 29	7 16	6 46	7 30	1 39	4 40
M29	18 41	4 43	3 14	21 45	0 12	6 2	0 59	18 21	1 7	11 25	1 19	22 30	0 52	18 35	0 40	18 5	0 11	18 41	4 29	7 16	6 47	7 28	1 38	4 41
T 30	18 26	8 50	4 8	21 42	0n 1	5 32	0 56	18 31	1 6	11 26	1 19	22 31	0 52	18 36	0 40	18 6	0 11	18 41	4 29	7 16	6 49	7 26	1 38	4 41
W31	18n11	12n24	4s46	21n36	0n13	5n 3	0n52	18n41	1s 6	11n28	1s20	22s31	0n52	18s36	0s40	18s 6	0n11	18n41	4s29	7n16	6n50	7n25	1n37	4n41

Julian Day Number = 2511991.5, Delta T = 132.93 sec
Ecliptic obliquity = 23°24'55, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°03'10, Lahiri = 26°10'11

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2165
geocentric

AUGUST 2165 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 39 48	9♌10'57	0♊34	25♋12	20♍25	28♉55	3♉42	3°R 1	9°R 2	7°R52	8♋10	11°R25	12♍32	10♍44	23°R12	T 1
F 2	20 43 44	10° 8'20	13°35	27° 6	21°33	29°35	3°46	2♑58	9♒ 0	7♒50	8°11	11♍22	12°29	10°51	23♓10	F 2
S 3	20 47 41	11° 5'44	26°21	29° 2	22°41	0♊15	3°50	2°55	8°58	7°48	8°13	11°18	12°26	10°58	23° 9	S 3
S 4	20 51 37	12° 3'10	8♋54	1♌ 1	23°49	0°55	3°54	2°52	8°55	7°47	8°14	11°13	12°23	11° 4	23° 7	S 4
M 5	20 55 34	13° 0'36	21°14	3° 1	24°57	1°35	3°58	2°49	8°53	7°45	8°15	11° 9	12°20	11°11	23° 5	M 5
T 6	20 59 30	13°58'03	3♌24	5° 3	26° 5	2°15	4° 1	2°46	8°50	7°44	8°16	11° 4	12°16	11°17	23° 3	T 6
W 7	21 3 27	14°55'31	15°25	7° 6	27°13	2°54	4° 5	2°43	8°48	7°42	8°18	11° 1	12°13	11°24	23° 1	W 7
T 8	21 7 24	15°53'01	27°19	9° 9	28°20	3°34	4° 8	2°41	8°46	7°40	8°19	10°59	12°10	11°31	22°59	T 8
F 9	21 11 20	16°50'31	9♍ 8	11°14	29°28	4°13	4°11	2°38	8°43	7°39	8°20	10°D58	12° 7	11°37	22°56	F 9
S 10	21 15 17	17°48'02	20°54	13°18	0♎35	4°52	4°14	2°36	8°41	7°37	8°21	10°59	12° 4	11°44	22°54	S 10
S 11	21 19 13	18°45'33	2♎41	15°23	1°42	5°32	4°16	2°33	8°39	7°35	8°22	11° 0	12° 0	11°51	22°52	S 11
M12	21 23 10	19°43'06	14°32	17°27	2°49	6°11	4°19	2°31	8°36	7°34	8°24	11° 1	11°57	11°57	22°50	M12
T 13	21 27 6	20°40'40	26°31	19°30	3°56	6°49	4°21	2°29	8°34	7°32	8°25	11° 3	11°54	12° 4	22°48	T 13
W14	21 31 3	21°38'14	8♏43	21°33	5° 3	7°28	4°23	2°27	8°32	7°31	8°26	11° 4	11°51	12°11	22°45	W14
T 15	21 34 59	22°35'49	21°11	23°35	6° 9	8° 7	4°25	2°25	8°29	7°29	8°27	11°R 5	11°48	12°17	22°43	T 15
F 16	21 38 56	23°33'26	4♐ 1	25°36	7°16	8°45	4°26	2°23	8°27	7°28	8°28	11° 4	11°45	12°24	22°41	F 16
S 17	21 42 53	24°31'03	17°16	27°36	8°22	9°23	4°28	2°21	8°25	7°26	8°29	11° 3	11°41	12°31	22°38	S 17
S 18	21 46 49	25°28'41	0♑57	29°34	9°28	10° 1	4°29	2°19	8°22	7°25	8°30	11° 2	11°38	12°37	22°36	S 18
M19	21 50 46	26°26'20	15° 6	1♍31	10°34	10°39	4°30	2°17	8°20	7°23	8°31	11° 0	11°35	12°44	22°33	M19
T 20	21 54 42	27°24'01	29°41	3°27	11°39	11°17	4°31	2°16	8°18	7°22	8°32	10°58	11°32	12°50	22°31	T 20
W21	21 58 39	28°21'42	14♒35	5°22	12°45	11°55	4°32	2°14	8°16	7°20	8°33	10°57	11°29	12°57	22°28	W21
T 22	22 2 35	29°19'25	29°42	7°15	13°50	12°32	4°32	2°13	8°14	7°19	8°34	10°56	11°26	13° 4	22°26	T 22
F 23	22 6 32	0♍17'08	14♓53	9° 7	14°56	13°10	4°32	2°11	8°11	7°17	8°35	10°D56	11°22	13°10	22°23	F 23
S 24	22 10 28	1°14'54	29°58	10°58	16° 1	13°47	4°R32	2°10	8° 9	7°16	8°36	10°56	11°19	13°17	22°21	S 24
S 25	22 14 25	2°12'41	14♈49	12°47	17° 5	14°24	4°32	2° 9	8° 7	7°14	8°37	10°57	11°16	13°24	22°18	S 25
M26	22 18 22	3°10'29	29°20	14°35	18°10	15° 1	4°32	2° 8	8° 5	7°13	8°38	10°58	11°13	13°30	22°15	M26
T 27	22 22 18	4° 8'19	13♉27	16°21	19°14	15°38	4°31	2° 7	8° 3	7°11	8°39	10°58	11°10	13°37	22°13	T 27
W28	22 26 15	5° 6'11	27° 9	18° 6	20°18	16°14	4°31	2° 6	8° 1	7°10	8°40	10°58	11° 6	13°44	22°10	W28
T 29	22 30 11	6° 4'05	10♊26	19°50	21°22	16°50	4°30	2° 5	7°59	7° 9	8°41	10°R58	11° 3	13°50	22° 7	T 29
F 30	22 34 8	7° 2'01	23°22	21°33	22°26	17°27	4°29	2° 5	7°57	7° 7	8°42	10°58	11° 0	13°57	22° 5	F 30
S 31	22 38 4	7♍59'59	5♋59	23♍14	23♎30	18♊ 3	4♉27	2♑ 4	7♒55	7♒ 6	8♋43	10♍58	10♍57	14♍ 4	22♓ 2	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17n56	15n14	5s 7	21n28	0n24	4n33	0n49	18n50	1s 5	11n29	1s20	22s31	0n52	18s37	0s40	18s 7	0n11	18n41	4s29	7n16	6n51	7n23	1n36	4n41
F 2	17 41	17 14	5 13	21 18	0 35	4 3	0 46	19 0	1 4	11 30	1 20	22 31	0 52	18 38	0 40	18 7	0 11	18 41	4 29	7 18	6 52	7 21	1 36	4 41
S 3	17 26	18 20	5 2	21 4	0 45	3 33	0 42	19 9	1 3	11 31	1 20	22 31	0 52	18 38	0 40	18 7	0 11	18 41	4 29	7 19	6 53	7 20	1 35	4 41
S 4	17 10	18 30	4 37	20 48	0 55	3 3	0 39	19 18	1 3	11 33	1 20	22 32	0 52	18 39	0 40	18 8	0 11	18 41	4 29	7 21	6 55	7 18	1 35	4 41
M 5	16 54	17 47	4 0	20 30	1 3	2 32	0 35	19 27	1 2	11 34	1 21	22 32	0 51	18 40	0 40	18 8	0 11	18 41	4 29	7 23	6 56	7 16	1 34	4 41
T 6	16 37	16 16	3 12	20 8	1 11	2 2	0 31	19 35	1 1	11 35	1 21	22 32	0 51	18 40	0 40	18 9	0 11	18 41	4 29	7 24	6 57	7 14	1 33	4 42
W 7	16 20	14 2	2 16	19 45	1 18	1 32	0 28	19 44	1 0	11 35	1 21	22 32	0 51	18 41	0 40	18 9	0 11	18 41	4 29	7 26	6 58	7 13	1 32	4 42
T 8	16 4	11 13	1 15	19 19	1 25	1 1	0 24	19 52	0 59	11 36	1 21	22 32	0 51	18 41	0 40	18 10	0 11	18 41	4 29	7 26	6 59	7 11	1 32	4 42
F 9	15 46	7 59	0 10	18 50	1 30	0 31	0 20	20 0	0 59	11 37	1 22	22 33	0 51	18 42	0 40	18 10	0 11	18 40	4 29	7 27	7 1	7 9	1 31	4 42
S 10	15 29	4 26	0n55	18 19	1 35	0 1	0 16	20 8	0 58	11 38	1 22	22 33	0 51	18 43	0 40	18 10	0 11	18 40	4 29	7 27	7 2	7 8	1 30	4 42
S 11	15 11	0 43	1 57	17 47	1 38	0s30	0 12	20 16	0 57	11 38	1 22	22 33	0 51	18 43	0 40	18 11	0 11	18 40	4 29	7 26	7 3	7 6	1 29	4 42
M12	14 53	3s 2	2 55	17 12	1 41	1 0	0 7	20 24	0 56	11 39	1 22	22 33	0 50	18 44	0 40	18 11	0 11	18 40	4 29	7 26	7 4	7 4	1 29	4 42
T 13	14 35	6 42	3 46	16 36	1 44	1 31	0 3	20 31	0 55	11 40	1 23	22 33	0 50	18 45	0 40	18 12	0 11	18 40	4 29	7 25	7 5	7 3	1 28	4 42
W14	14 17	10 10	4 28	15 58	1 45	2 1	0s 1	20 38	0 54	11 40	1 23	22 33	0 50	18 45	0 40	18 12	0 11	18 40	4 29	7 24	7 7	7 1	1 27	4 42
T 15	13 58	13 15	4 58	15 18	1 46	2 32	0 6	20 45	0 54	11 40	1 23	22 34	0 50	18 46	0 40	18 13	0 11	18 40	4 29	7 24	7 8	6 59	1 26	4 42
F 16	13 39	15 47	5 14	14 38	1 46	3 2	0 10	20 52	0 53	11 41	1 23	22 34	0 50	18 46	0 40	18 13	0 11	18 40	4 29	7 24	7 9	6 57	1 25	4 42
S 17	13 20	17 35	5 15	13 56	1 45	3 32	0 15	20 59	0 52	11 41	1 24	22 34	0 50	18 47	0 40	18 13	0 11	18 40	4 29	7 25	7 10	6 56	1 24	4 43
S 18	13 1	18 27	4 58	13 14	1 44	4 2	0 19	21 5	0 51	11 41	1 24	22 34	0 49	18 48	0 40	18 14	0 11	18 40	4 29	7 25	7 12	6 54	1 24	4 43
M19	12 41	18 13	4 23	12 30	1 42	4 33	0 24	21 12	0 50	11 41	1 24	22 34	0 49	18 48	0 40	18 14	0 11	18 40	4 29	7 26	7 13	6 52	1 23	4 43
T 20	12 22	16 47	3 29	11 46	1 39	5 3	0 29	21 18	0 49	11 41	1 24	22 35	0 49	18 49	0 40	18 15	0 11	18 39	4 29	7 27	7 14	6 50	1 22	4 43
W21	12 2	14 11	2 21	11 2	1 36	5 33	0 33	21 24	0 48	11 41	1 25	22 35	0 49	18 49	0 40	18 15	0 11	18 39	4 30	7 27	7 15	6 49	1 21	4 43
T 22	11 42	10 36	1 2	10 16	1 33	6 3	0 38	21 30	0 47	11 41	1 25	22 35	0 49	18 50	0 40	18 15	0 11	18 39	4 30	7 28	7 16	6 47	1 20	4 43
F 23	11 22	6 17	0s22	9 31	1 29	6 32	0 43	21 36	0 46	11 41	1 25	22 35	0 49	18 50	0 40	18 16	0 11	18 39	4 30	7 28	7 18	6 45	1 19	4 43
S 24	11 1	1 36	1 44	8 45	1 25	7 2	0 48	21 41	0 45	11 41	1 25	22 35	0 49	18 51	0 40	18 16	0 11	18 39	4 30	7 27	7 19	6 44	1 18	4 43
S 25	10 41	3n 6	2 57	7 59	1 20	7 31	0 53	21 46	0 44	11 41	1 25	22 35	0 48	18 51	0 40	18 16	0 11	18 39	4 30	7 27	7 20	6 42	1 17	4 43
M26	10 20	7 31	3 58	7 13	1 15	8 1	0 58	21 52	0 43	11 40	1 26	22 36	0 48	18 52	0 40	18 17	0 11	18 39	4 30	7 27	7 21	6 40	1 16	4 43
T 27	9 59	11 22	4 42	6 27	1 9	8 30	1 3	21 57	0 42	11 40	1 26	22 36	0 48	18 53	0 40	18 17	0 11	18 39	4 30	7 27	7 22	6 38	1 15	4 43
W28	9 38	14 29	5 9	5 40	1 4	8 59	1 9	22 1	0 41	11 40	1 26	22 36	0 48	18 53	0 40	18 18	0 11	18 39	4 30	7 27	7 24	6 37	1 14	4 43
T 29	9 17	16 45	5 18	4 54	0 57	9 28	1 14	22 6	0 40	11 39	1 26	22 36	0 48	18 54	0 40	18 18	0 10	18 39	4 30	7 27	7 25	6 35	1 13	4 43
F 30	8 55	18 5	5 11	4 8	0 51	9 57	1 19	22 11	0 39	11 38	1 27	22 36	0 48	18 54	0 40	18 18	0 10	18 39	4 30	7 27	7 26	6 33	1 12	4 43
S 31	8n34	18n29	4s48	3n22	0n45	10s25	1s24	22n15	0s38	11n38	1s27	22s36	0n48	18s55	0s40	18s19	0n10	18n39	4s30	7n27	7n27	6n31	1n11	4n43

Julian Day Number = 2512022.5, Delta T = 133.00 sec
Ecliptic obliquity = 23°24'55, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°03'15, Lahiri = 26°10'15

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2165
geocentric

SEPTEMBER 2165 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 42 1	8♍57'58	18♋19	24♍53	24♎33	18♊39	4°R26	2°R 4	7°R53	7°R 5	8♋44	10°R58	10♍54	14♍10	21°R59	S 1
M 2	22 45 57	9°55'59	0♌28	26°32	25°36	19°14	4♉24	2♏ 3	7♒51	7♒ 3	8°44	10♍58	10°51	14°17	21♓57	M 2
T 3	22 49 54	10°54'02	12°27	28° 9	26°39	19°50	4°22	2° 3	7°49	7° 2	8°45	10°D58	10°47	14°24	21°54	T 3
W 4	22 53 51	11°52'06	24°19	29°45	27°41	20°25	4°20	2° 3	7°47	7° 1	8°46	10°58	10°44	14°30	21°51	W 4
T 5	22 57 47	12°50'12	6♍ 8	1♎20	28°44	21° 0	4°18	2° 3	7°45	6°59	8°47	10°R58	10°41	14°37	21°48	T 5
F 6	23 1 44	13°48'20	17°54	2°53	29°46	21°35	4°15	2°D 3	7°44	6°58	8°47	10°58	10°38	14°43	21°45	F 6
S 7	23 5 40	14°46'30	29°42	4°26	0♏47	22° 9	4°12	2° 3	7°42	6°57	8°48	10°57	10°35	14°50	21°43	S 7
S 8	23 9 37	15°44'41	11♎33	5°57	1°49	22°44	4°10	2° 3	7°40	6°56	8°49	10°57	10°31	14°57	21°40	S 8
M 9	23 13 33	16°42'54	23°29	7°26	2°50	23°18	4° 6	2° 3	7°38	6°55	8°50	10°56	10°28	15° 3	21°37	M 9
T 10	23 17 30	17°41'08	5♏33	8°55	3°51	23°52	4° 3	2° 3	7°37	6°53	8°50	10°55	10°25	15°10	21°34	T 10
W11	23 21 26	18°39'24	17°49	10°22	4°51	24°26	4° 0	2° 4	7°35	6°52	8°51	10°55	10°22	15°17	21°31	W11
T 12	23 25 23	19°37'42	0♐19	11°48	5°52	24°59	3°56	2° 5	7°34	6°51	8°51	10°54	10°19	15°23	21°28	T 12
F 13	23 29 19	20°36'01	13° 7	13°13	6°51	25°33	3°52	2° 5	7°32	6°50	8°52	10°53	10°16	15°30	21°26	F 13
S 14	23 33 16	21°34'21	26°16	14°36	7°51	26° 6	3°48	2° 6	7°30	6°49	8°53	10°D53	10°12	15°37	21°23	S 14
S 15	23 37 13	22°32'43	9♑48	15°59	8°50	26°39	3°44	2° 7	7°29	6°48	8°53	10°54	10° 9	15°43	21°20	S 15
M16	23 41 9	23°31'07	23°46	17°19	9°49	27°11	3°39	2° 8	7°28	6°47	8°54	10°54	10° 6	15°50	21°17	M16
T 17	23 45 6	24°29'32	8♒ 8	18°39	10°47	27°44	3°35	2° 9	7°26	6°46	8°54	10°56	10° 3	15°57	21°14	T 17
W18	23 49 2	25°27'59	22°53	19°56	11°45	28°16	3°30	2°10	7°25	6°45	8°55	10°56	10° 0	16° 3	21°11	W18
T 19	23 52 59	26°26'28	7♓55	21°13	12°43	28°48	3°25	2°11	7°23	6°44	8°55	10°R57	9°57	16°10	21° 9	T 19
F 20	23 56 55	27°24'58	23° 6	22°27	13°40	29°19	3°20	2°13	7°22	6°43	8°56	10°57	9°53	16°16	21° 6	F 20
S 21	0 0 52	28°23'30	8♈16	23°40	14°36	29°51	3°15	2°14	7°21	6°43	8°56	10°56	9°50	16°23	21° 3	S 21
S 22	0 4 48	29°22'04	23°18	24°52	15°33	0♋22	3°10	2°16	7°20	6°42	8°56	10°54	9°47	16°30	21° 0	S 22
M23	0 8 45	0♎20'40	8♉ 1	26° 1	16°28	0°53	3° 4	2°17	7°19	6°41	8°57	10°51	9°44	16°36	20°57	M23
T 24	0 12 42	1°19'18	22°20	27° 9	17°24	1°23	2°58	2°19	7°18	6°40	8°57	10°49	9°41	16°43	20°55	T 24
W25	0 16 38	2°17'59	6♊11	28°15	18°18	1°54	2°52	2°21	7°16	6°39	8°57	10°46	9°37	16°50	20°52	W25
T 26	0 20 35	3°16'41	19°35	29°18	19°12	2°24	2°46	2°23	7°15	6°39	8°58	10°45	9°34	16°56	20°49	T 26
F 27	0 24 31	4°15'26	2♋33	0♏19	20° 6	2°53	2°40	2°25	7°14	6°38	8°58	10°D44	9°31	17° 3	20°46	F 27
S 28	0 28 28	5°14'14	15° 8	1°17	20°59	3°23	2°34	2°27	7°14	6°37	8°58	10°44	9°28	17°10	20°44	S 28
S 29	0 32 24	6°13'03	27°24	2°13	21°51	3°52	2°28	2°29	7°13	6°37	8°59	10°45	9°25	17°16	20°41	S 29
M30	0 36 21	7♎11'55	9♌26	3♏ 6	22♏43	4♋21	2♉21	2♏32	7♒12	6♒36	8♋59	10♍47	9♍22	17♍23	20♓38	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n12	17n59	4s13	2n36	0n38	10s54	1s30	22n19	0s37	11n37	1s27	22s37	0n47	18s55	0s40	18s19	0n10	18n38	4s30	7n27	7n28	6n30	1n10	4n43
M 2	7 50	16 40	3 27	1 51	0 31	11 22	1 35	22 23	0 36	11 36	1 27	22 37	0 47	18 56	0 40	18 19	0 10	18 38	4 30	7 27	7 30	6 28	1 9	4 43
T 3	7 28	14 37	2 32	1 6	0 24	11 50	1 40	22 27	0 35	11 35	1 28	22 37	0 47	18 56	0 40	18 20	0 10	18 38	4 30	7 27	7 31	6 26	1 8	4 43
W 4	7 6	11 58	1 31	0 21	0 16	12 17	1 46	22 31	0 33	11 34	1 28	22 37	0 47	18 56	0 40	18 20	0 10	18 38	4 30	7 27	7 32	6 24	1 6	4 43
T 5	6 44	8 50	0 27	0s24	0 9	12 45	1 51	22 34	0 32	11 33	1 28	22 37	0 47	18 57	0 40	18 20	0 10	18 38	4 30	7 27	7 33	6 23	1 5	4 43
F 6	6 22	5 22	0n39	1 8	0 1	13 12	1 57	22 38	0 31	11 32	1 28	22 37	0 47	18 57	0 40	18 21	0 10	18 38	4 30	7 27	7 34	6 21	1 4	4 43
S 7	5 59	1 41	1 42	1 52	0s 7	13 39	2 2	22 41	0 30	11 31	1 28	22 38	0 46	18 58	0 40	18 21	0 10	18 38	4 30	7 27	7 36	6 19	1 3	4 43
S 8	5 37	2s 5	2 42	2 35	0 15	14 6	2 8	22 44	0 29	11 30	1 29	22 38	0 46	18 58	0 40	18 21	0 10	18 38	4 30	7 27	7 37	6 17	1 2	4 43
M 9	5 14	5 47	3 35	3 18	0 23	14 32	2 13	22 47	0 28	11 29	1 29	22 38	0 46	18 59	0 40	18 22	0 10	18 38	4 30	7 27	7 38	6 16	1 1	4 43
T 10	4 52	9 17	4 19	4 0	0 31	14 58	2 19	22 50	0 26	11 28	1 29	22 38	0 46	18 59	0 39	18 22	0 10	18 38	4 30	7 28	7 39	6 14	1 0	4 43
W11	4 29	12 27	4 52	4 42	0 39	15 24	2 25	22 53	0 25	11 26	1 29	22 38	0 46	18 59	0 39	18 22	0 10	18 38	4 30	7 28	7 40	6 12	0 58	4 43
T 12	4 6	15 6	5 12	5 23	0 47	15 49	2 30	22 55	0 24	11 25	1 29	22 38	0 46	19 0	0 39	18 23	0 10	18 37	4 30	7 28	7 42	6 10	0 57	4 43
F 13	3 43	17 6	5 17	6 3	0 55	16 15	2 36	22 58	0 23	11 23	1 30	22 38	0 46	19 0	0 39	18 23	0 10	18 37	4 30	7 29	7 43	6 9	0 56	4 43
S 14	3 20	18 16	5 6	6 43	1 3	16 39	2 42	23 0	0 21	11 22	1 30	22 39	0 45	19 1	0 39	18 23	0 10	18 37	4 30	7 29	7 44	6 7	0 55	4 43
S 15	2 57	18 26	4 38	7 23	1 11	17 4	2 47	23 2	0 20	11 20	1 30	22 39	0 45	19 1	0 39	18 23	0 10	18 37	4 30	7 28	7 45	6 5	0 54	4 43
M16	2 34	17 30	3 53	8 1	1 20	17 28	2 53	23 4	0 19	11 19	1 30	22 39	0 45	19 1	0 39	18 24	0 10	18 37	4 31	7 28	7 46	6 3	0 53	4 42
T 17	2 11	15 26	2 52	8 39	1 28	17 52	2 58	23 6	0 17	11 17	1 30	22 39	0 45	19 2	0 39	18 24	0 10	18 37	4 31	7 28	7 48	6 2	0 51	4 42
W18	1 48	12 19	1 39	9 16	1 36	18 16	3 4	23 8	0 16	11 15	1 30	22 39	0 45	19 2	0 39	18 24	0 10	18 37	4 31	7 27	7 49	6 0	0 50	4 42
T 19	1 25	8 20	0 17	9 52	1 44	18 39	3 10	23 10	0 15	11 13	1 31	22 39	0 45	19 2	0 39	18 24	0 10	18 37	4 31	7 27	7 50	5 58	0 49	4 42
F 20	1 2	3 46	1s 7	10 28	1 52	19 2	3 15	23 12	0 13	11 11	1 31	22 39	0 44	19 3	0 39	18 25	0 10	18 37	4 31	7 27	7 51	5 56	0 48	4 42
S 21	0 38	1n 3	2 26	11 2	2 0	19 24	3 21	23 13	0 12	11 10	1 31	22 39	0 44	19 3	0 39	18 25	0 10	18 37	4 31	7 28	7 52	5 55	0 47	4 42
S 22	0 15	5 44	3 33	11 36	2 7	19 46	3 26	23 14	0 10	11 8	1 31	22 40	0 44	19 3	0 39	18 25	0 10	18 37	4 31	7 28	7 54	5 53	0 45	4 42
M23	0s 8	9 58	4 26	12 8	2 15	20 8	3 32	23 16	0 9	11 6	1 31	22 40	0 44	19 3	0 39	18 25	0 10	18 37	4 31	7 29	7 55	5 51	0 44	4 42
T 24	0 32	13 30	5 0	12 40	2 22	20 29	3 37	23 17	0 8	11 3	1 31	22 40	0 44	19 4	0 39	18 25	0 10	18 37	4 31	7 30	7 56	5 49	0 43	4 42
W25	0 55	16 9	5 15	13 10	2 30	20 50	3 43	23 18	0 6	11 1	1 32	22 40	0 44	19 4	0 39	18 26	0 10	18 36	4 31	7 31	7 57	5 47	0 42	4 42
T 26	1 18	17 49	5 12	13 39	2 37	21 10	3 48	23 19	0 5	10 59	1 32	22 40	0 44	19 4	0 39	18 26	0 10	18 36	4 31	7 32	7 58	5 46	0 41	4 41
F 27	1 41	18 30	4 53	14 7	2 44	21 30	3 54	23 20	0 3	10 57	1 32	22 40	0 43	19 4	0 39	18 26	0 10	18 36	4 31	7 32	8 0	5 44	0 40	4 41
S 28	2 5	18 14	4 21	14 34	2 50	21 49	3 59	23 21	0 2	10 55	1 32	22 40	0 43	19 5	0 39	18 26	0 10	18 36	4 31	7 32	8 1	5 42	0 38	4 41
S 29	2 28	17 7	3 37	14 59	2 56	22 8	4 4	23 21	0 0	10 52	1 32	22 40	0 43	19 5	0 39	18 26	0 10	18 36	4 31	7 32	8 2	5 40	0 37	4 41
M30	2s51	15n14	2s44	15s23	3s 2	22s27	4s 9	23n22	0n 1	10n50	1s32	22s40	0n43	19s 5	0s39	18s27	0n10	18n36	4s31	7n31	8n 3	5n39	0n36	4n41

Julian Day Number = 2512053.5, Delta T = 133.06 sec
Ecliptic obliquity = 23°24'55, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°03'19, Lahiri = 26°10'19

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2165
geocentric

OCTOBER 2165 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 40 17	8♎10'49	21♌19	3♏56	23♏35	4♋49	2°R14	2♑34	7°R11	6°R35	8♋59	10♍49	9♍18	17♍30	20°R36	T 1
W 2	0 44 14	9° 9'45	3♍ 7	4°42	24°25	5°18	2♉ 7	2°37	7♒10	6♒35	8°59	10°50	9°15	17°36	20♓33	W 2
T 3	0 48 11	10° 8'43	14°54	5°24	25°15	5°45	2° 0	2°39	7°10	6°34	8°59	10°R50	9°12	17°43	20°30	T 3
F 4	0 52 7	11° 7'43	26°42	6° 3	26° 4	6°13	1°53	2°42	7° 9	6°34	8°59	10°49	9° 9	17°49	20°28	F 4
S 5	0 56 4	12° 6'46	8♎34	6°36	26°52	6°40	1°46	2°45	7° 8	6°33	9° 0	10°46	9° 6	17°56	20°25	S 5
S 6	1 0 0	13° 5'50	20°33	7° 6	27°40	7° 7	1°39	2°47	7° 8	6°33	9° 0	10°42	9° 3	18° 3	20°23	S 6
M 7	1 3 57	14° 4'57	2♏39	7°29	28°27	7°33	1°32	2°50	7° 7	6°33	9° 0	10°36	8°59	18° 9	20°20	M 7
T 8	1 7 53	15° 4'05	14°55	7°48	29°13	8° 0	1°24	2°53	7° 7	6°32	9° 0	10°30	8°56	18°16	20°18	T 8
W 9	1 11 50	16° 3'15	27°22	8° 0	29°58	8°25	1°17	2°56	7° 6	6°32	9°R 0	10°24	8°53	18°23	20°15	W 9
T 10	1 15 46	17° 2'28	10♐ 1	8°R 5	0♐42	8°51	1° 9	3° 0	7° 6	6°32	9° 0	10°19	8°50	18°29	20°13	T 10
F 11	1 19 43	18° 1'42	22°54	8° 4	1°25	9°16	1° 1	3° 3	7° 6	6°31	9° 0	10°14	8°47	18°36	20°10	F 11
S 12	1 23 39	19° 0'58	6♑ 3	7°54	2° 8	9°40	0°54	3° 6	7° 6	6°31	9° 0	10°12	8°43	18°43	20° 8	S 12
S 13	1 27 36	20° 0'15	19°30	7°38	2°49	10° 4	0°46	3°10	7° 5	6°31	9° 0	10°D11	8°40	18°49	20° 5	S 13
M14	1 31 33	20°59'34	3♒16	7°12	3°29	10°28	0°38	3°13	7° 5	6°31	8°59	10°12	8°37	18°56	20° 3	M14
T 15	1 35 29	21°58'55	17°23	6°39	4° 8	10°51	0°30	3°17	7° 5	6°31	8°59	10°13	8°34	19° 3	20° 1	T 15
W16	1 39 26	22°58'18	1♓49	5°57	4°46	11°14	0°22	3°21	7° 5	6°31	8°59	10°14	8°31	19° 9	19°59	W16
T 17	1 43 22	23°57'43	16°32	5° 8	5°22	11°37	0°14	3°25	7°D 5	6°31	8°59	10°R14	8°28	19°16	19°56	T 17
F 18	1 47 19	24°57'09	1♈27	4°11	5°58	11°59	0° 6	3°28	7° 5	6°D31	8°59	10°12	8°24	19°23	19°54	F 18
S 19	1 51 15	25°56'37	16°27	3° 7	6°32	12°20	29♈58	3°32	7° 5	6°31	8°59	10° 9	8°21	19°29	19°52	S 19
S 20	1 55 12	26°56'07	1♉23	1°58	7° 4	12°41	29°50	3°36	7° 5	6°31	8°58	10° 3	8°18	19°36	19°50	S 20
M21	1 59 8	27°55'39	16° 7	0°46	7°35	13° 2	29°42	3°40	7° 6	6°31	8°58	9°55	8°15	19°42	19°48	M21
T 22	2 3 5	28°55'13	0♊30	29♎31	8° 5	13°22	29°34	3°45	7° 6	6°31	8°58	9°47	8°12	19°49	19°46	T 22
W23	2 7 2	29°54'50	14°27	28°17	8°33	13°42	29°25	3°49	7° 6	6°31	8°57	9°40	8° 8	19°56	19°44	W23
T 24	2 10 58	0♏54'29	27°57	27° 6	9° 0	14° 1	29°17	3°53	7° 6	6°31	8°57	9°34	8° 5	20° 2	19°42	T 24
F 25	2 14 55	1°54'10	11♋ 0	25°59	9°25	14°20	29° 9	3°58	7° 7	6°31	8°57	9°29	8° 2	20° 9	19°40	F 25
S 26	2 18 51	2°53'53	23°37	24°59	9°48	14°38	29° 1	4° 2	7° 7	6°32	8°56	9°27	7°59	20°16	19°38	S 26
S 27	2 22 48	3°53'38	5♌55	24° 8	10° 9	14°56	28°53	4° 7	7° 8	6°32	8°56	9°D26	7°56	20°22	19°36	S 27
M28	2 26 44	4°53'26	17°56	23°26	10°29	15°13	28°45	4°11	7° 8	6°32	8°56	9°27	7°53	20°29	19°35	M28
T 29	2 30 41	5°53'16	29°48	22°55	10°46	15°29	28°37	4°16	7° 9	6°33	8°55	9°28	7°49	20°36	19°33	T 29
W30	2 34 37	6°53'08	11♍35	22°35	11° 2	15°45	28°29	4°21	7°10	6°33	8°55	9°R29	7°46	20°42	19°31	W30
T 31	2 38 34	7♏53'02	23♍22	22°D27	11♐16	16♋ 0	28♈21	4♑26	7♒10	6♒33	8♋54	9♍27	7♍43	20♍49	19♓30	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3s14	12n43	1s45	15s45	3s 8	22s45	4s15	23n23	0n 3	10n48	1s32	22s41	0n43	19s 5	0s39	18s27	0n10	18n36	4s31	7n30	8n 4	5n37	0n35	4n41
W 2	3 38	9 41	0 42	16 6	3 13	23 3	4 20	23 23	0 5	10 45	1 32	22 41	0 43	19 5	0 39	18 27	0 10	18 36	4 31	7 30	8 6	5 35	0 34	4 41
T 3	4 1	6 17	0n22	16 25	3 18	23 20	4 25	23 24	0 6	10 43	1 32	22 41	0 43	19 6	0 39	18 27	0 10	18 36	4 31	7 30	8 7	5 33	0 32	4 40
F 4	4 24	2 38	1 26	16 41	3 22	23 37	4 30	23 24	0 8	10 40	1 33	22 41	0 42	19 6	0 39	18 27	0 10	18 36	4 31	7 30	8 8	5 31	0 31	4 40
S 5	4 47	1s 9	2 26	16 56	3 25	23 53	4 34	23 24	0 10	10 38	1 33	22 41	0 42	19 6	0 39	18 27	0 10	18 36	4 31	7 31	8 9	5 30	0 30	4 40
S 6	5 10	4 55	3 20	17 8	3 28	24 9	4 39	23 25	0 11	10 35	1 33	22 41	0 42	19 6	0 39	18 27	0 10	18 36	4 32	7 33	8 10	5 28	0 29	4 40
M 7	5 33	8 31	4 6	17 18	3 30	24 24	4 44	23 25	0 13	10 33	1 33	22 41	0 42	19 6	0 39	18 28	0 10	18 36	4 32	7 35	8 12	5 26	0 28	4 40
T 8	5 56	11 49	4 41	17 25	3 31	24 39	4 48	23 25	0 15	10 30	1 33	22 41	0 42	19 6	0 39	18 28	0 10	18 36	4 32	7 37	8 13	5 24	0 27	4 40
W 9	6 19	14 38	5 3	17 29	3 31	24 53	4 53	23 25	0 16	10 27	1 33	22 41	0 42	19 6	0 39	18 28	0 10	18 36	4 32	7 40	8 14	5 23	0 25	4 39
T 10	6 41	16 48	5 11	17 30	3 30	25 7	4 57	23 25	0 18	10 25	1 33	22 41	0 42	19 6	0 39	18 28	0 10	18 36	4 32	7 42	8 15	5 21	0 24	4 39
F 11	7 4	18 10	5 4	17 28	3 28	25 21	5 2	23 26	0 20	10 22	1 33	22 41	0 41	19 6	0 39	18 28	0 10	18 35	4 32	7 43	8 16	5 19	0 23	4 39
S 12	7 26	18 37	4 40	17 21	3 25	25 33	5 6	23 26	0 22	10 19	1 33	22 41	0 41	19 6	0 39	18 28	0 10	18 35	4 32	7 44	8 17	5 17	0 22	4 39
S 13	7 49	18 1	4 1	17 11	3 20	25 46	5 10	23 26	0 24	10 17	1 33	22 41	0 41	19 6	0 39	18 28	0 10	18 35	4 32	7 45	8 19	5 15	0 21	4 39
M14	8 11	16 22	3 7	16 57	3 13	25 57	5 13	23 26	0 26	10 14	1 33	22 42	0 41	19 6	0 39	18 28	0 10	18 35	4 32	7 44	8 20	5 14	0 20	4 38
T 15	8 33	13 41	2 1	16 38	3 5	26 8	5 17	23 26	0 27	10 11	1 33	22 42	0 41	19 6	0 39	18 28	0 10	18 35	4 32	7 44	8 21	5 12	0 19	4 38
W16	8 55	10 6	0 46	16 15	2 55	26 19	5 21	23 26	0 29	10 8	1 33	22 42	0 41	19 6	0 39	18 28	0 10	18 35	4 32	7 43	8 22	5 10	0 18	4 38
T 17	9 17	5 50	0s34	15 47	2 44	26 29	5 24	23 26	0 31	10 5	1 33	22 42	0 41	19 6	0 39	18 28	0 10	18 35	4 32	7 43	8 23	5 8	0 17	4 38
F 18	9 39	1 9	1 52	15 15	2 30	26 39	5 27	23 26	0 33	10 3	1 33	22 42	0 40	19 6	0 39	18 28	0 10	18 35	4 32	7 44	8 25	5 6	0 16	4 37
S 19	10 1	3n38	3 3	14 39	2 15	26 47	5 30	23 26	0 35	10 0	1 33	22 42	0 40	19 6	0 39	18 28	0 10	18 35	4 32	7 45	8 26	5 4	0 15	4 37
S 20	10 22	8 10	4 1	13 59	1 58	26 56	5 33	23 26	0 37	9 57	1 33	22 42	0 40	19 6	0 39	18 28	0 10	18 35	4 32	7 48	8 27	5 3	0 14	4 37
M21	10 44	12 8	4 42	13 17	1 40	27 4	5 35	23 26	0 39	9 54	1 33	22 42	0 40	19 6	0 38	18 28	0 10	18 35	4 32	7 50	8 28	5 1	0 13	4 37
T 22	11 5	15 17	5 4	12 32	1 20	27 11	5 37	23 26	0 41	9 51	1 33	22 42	0 40	19 6	0 38	18 28	0 10	18 35	4 32	7 53	8 29	4 59	0 12	4 37
W23	11 26	17 26	5 7	11 47	1 0	27 17	5 39	23 26	0 43	9 49	1 33	22 42	0 40	19 6	0 38	18 28	0 10	18 35	4 32	7 56	8 31	4 57	0 11	4 36
T 24	11 47	18 32	4 52	11 2	0 39	27 23	5 41	23 26	0 45	9 46	1 33	22 42	0 40	19 6	0 38	18 28	0 10	18 35	4 32	7 59	8 32	4 55	0 10	4 36
F 25	12 7	18 36	4 23	10 19	0 18	27 29	5 42	23 26	0 48	9 43	1 33	22 42	0 40	19 6	0 38	18 28	0 10	18 35	4 32	8 0	8 33	4 54	0 9	4 36
S 26	12 28	17 43	3 41	9 38	0n 2	27 33	5 44	23 26	0 50	9 40	1 33	22 42	0 39	19 6	0 38	18 28	0 10	18 35	4 33	8 1	8 34	4 52	0 8	4 36
S 27	12 48	16 1	2 51	9 1	0 21	27 37	5 44	23 27	0 52	9 38	1 32	22 42	0 39	19 5	0 38	18 28	0 10	18 35	4 33	8 1	8 35	4 50	0 7	4 35
M28	13 8	13 39	1 53	8 29	0 39	27 41	5 45	23 27	0 54	9 35	1 32	22 42	0 39	19 5	0 38	18 28	0 10	18 35	4 33	8 1	8 36	4 48	0 6	4 35
T 29	13 28	10 43	0 52	8 2	0 56	27 44	5 45	23 27	0 56	9 32	1 32	22 42	0 39	19 5	0 38	18 28	0 10	18 35	4 33	8 1	8 38	4 46	0 5	4 35
W30	13 48	7 23	0n11	7 41	1 11	27 46	5 45	23 28	0 59	9 29	1 32	22 42	0 39	19 5	0 38	18 28	0 10	18 35	4 33	8 1	8 39	4 45	0 4	4 34
T 31	14s 7	3n46	1n14	7s25	1n25	27s47	5s44	23n28	1n 1	9n27	1s32	22s42	0n39	19s 5	0s38	18s28	0n 9	18n35	4s33	8n 1	8n40	4n43	0n 3	4n34

Julian Day Number = 2512083.5, Delta T = 133.13 sec
Ecliptic obliquity = 23°24'56, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°03'23, Lahiri = 26°10'24

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2165
geocentric

NOVEMBER 2165 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 42 31	8♏52'58	5♎13	22♎30	11♐27	16♋15	28°R13	4♑31	7♒11	6♒34	8°R54	9°R24	7♍40	20♍56	19°R28	F 1
S 2	2 46 27	9°52'56	17°12	22°45	11°37	16°29	28♈ 5	4°36	7°12	6°34	8♋53	9♍18	7°37	21° 2	19♓26	S 2
S 3	2 50 24	10°52'56	29°21	23° 9	11°44	16°42	27°58	4°41	7°13	6°35	8°53	9° 9	7°34	21° 9	19°25	S 3
M 4	2 54 20	11°52'59	11♏41	23°43	11°49	16°55	27°50	4°46	7°14	6°35	8°52	8°59	7°30	21°16	19°23	M 4
T 5	2 58 17	12°53'03	24°14	24°25	11°52	17° 7	27°42	4°51	7°15	6°36	8°51	8°47	7°27	21°22	19°22	T 5
W 6	3 2 13	13°53'09	6♐59	25°15	11°R52	17°19	27°35	4°56	7°16	6°36	8°51	8°35	7°24	21°29	19°21	W 6
T 7	3 6 10	14°53'16	19°55	26°12	11°50	17°30	27°28	5° 2	7°17	6°37	8°50	8°24	7°21	21°35	19°19	T 7
F 8	3 10 6	15°53'26	3♑ 4	27°15	11°45	17°40	27°20	5° 7	7°18	6°38	8°50	8°15	7°18	21°42	19°18	F 8
S 9	3 14 3	16°53'37	16°24	28°24	11°39	17°49	27°13	5°12	7°19	6°39	8°49	8° 8	7°14	21°49	19°17	S 9
S 10	3 18 0	17°53'49	29°56	29°37	11°29	17°58	27° 6	5°18	7°20	6°39	8°48	8° 5	7°11	21°55	19°16	S 10
M11	3 21 56	18°54'03	13♒39	0♏53	11°17	18° 6	26°59	5°23	7°22	6°40	8°47	8°D 3	7° 8	22° 2	19°15	M11
T 12	3 25 53	19°54'18	27°36	2°14	11° 3	18°13	26°52	5°29	7°23	6°41	8°47	8° 3	7° 5	22° 9	19°14	T 12
W13	3 29 49	20°54'35	11♓45	3°37	10°47	18°20	26°45	5°35	7°24	6°42	8°46	8°R 4	7° 2	22°15	19°13	W13
T 14	3 33 46	21°54'53	26° 6	5° 2	10°27	18°26	26°39	5°40	7°26	6°43	8°45	8° 3	6°59	22°22	19°12	T 14
F 15	3 37 42	22°55'12	10♈37	6°29	10° 6	18°31	26°32	5°46	7°27	6°44	8°44	7°59	6°55	22°29	19°11	F 15
S 16	3 41 39	23°55'33	25°13	7°58	9°43	18°35	26°26	5°52	7°29	6°44	8°44	7°53	6°52	22°35	19°10	S 16
S 17	3 45 35	24°55'56	9♉49	9°28	9°17	18°38	26°20	5°58	7°30	6°45	8°43	7°44	6°49	22°42	19°10	S 17
M18	3 49 32	25°56'20	24°16	10°59	8°50	18°41	26°13	6° 4	7°32	6°46	8°42	7°33	6°46	22°49	19° 9	M18
T 19	3 53 29	26°56'45	8♊29	12°31	8°20	18°43	26° 8	6°10	7°33	6°47	8°41	7°20	6°43	22°55	19° 8	T 19
W20	3 57 25	27°57'13	22°22	14° 4	7°49	18°44	26° 2	6°16	7°35	6°49	8°40	7° 8	6°40	23° 2	19° 8	W20
T 21	4 1 22	28°57'42	5♋50	15°37	7°17	18°R44	25°56	6°22	7°37	6°50	8°39	6°58	6°36	23° 9	19° 7	T 21
F 22	4 5 18	29°58'12	18°54	17°11	6°43	18°44	25°51	6°28	7°39	6°51	8°39	6°50	6°33	23°15	19° 7	F 22
S 23	4 9 15	0♐58'45	1♌34	18°45	6° 8	18°42	25°45	6°34	7°40	6°52	8°38	6°44	6°30	23°22	19° 6	S 23
S 24	4 13 11	1°59'19	13°53	20°20	5°33	18°40	25°40	6°40	7°42	6°53	8°37	6°41	6°27	23°29	19° 6	S 24
M25	4 17 8	2°59'55	25°57	21°54	4°57	18°37	25°35	6°47	7°44	6°54	8°36	6°41	6°24	23°35	19° 6	M25
T 26	4 21 4	4° 0'32	7♍49	23°29	4°20	18°33	25°31	6°53	7°46	6°56	8°35	6°40	6°20	23°42	19° 5	T 26
W27	4 25 1	5° 1'11	19°37	25° 3	3°44	18°28	25°26	6°59	7°48	6°57	8°34	6°40	6°17	23°48	19° 5	W27
T 28	4 28 58	6° 1'52	1♎25	26°38	3° 7	18°22	25°22	7° 6	7°50	6°58	8°33	6°38	6°14	23°55	19° 5	T 28
F 29	4 32 54	7° 2'34	13°19	28°12	2°32	18°15	25°17	7°12	7°52	6°59	8°32	6°34	6°11	24° 2	19° 5	F 29
S 30	4 36 51	8♐ 3'18	25♎23	29♏47	1♐57	18♋ 8	25♈13	7♑19	7♒54	7♒ 1	8♋31	6♍27	6♍ 8	24♍ 8	19°D 5	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14s27	0s 2	2n13	7s15	1n37	27s48	5s43	23n29	1n 3	9n24	1s32	22s42	0n39	19s 4	0s38	18s28	0n 9	18n35	4s33	8n 2	8n41	4n41	0n 2	4n34
S 2	14 46	3 51	3 8	7 11	1 47	27 47	5 41	23 29	1 6	9 21	1 32	22 42	0 39	19 4	0 38	18 28	0 9	18 35	4 33	8 5	8 42	4 39	0 1	4 34
S 3	15 5	7 35	3 54	7 13	1 55	27 46	5 39	23 30	1 8	9 19	1 32	22 42	0 38	19 4	0 38	18 27	0 9	18 35	4 33	8 8	8 44	4 37	0 0	4 33
M 4	15 23	11 2	4 30	7 19	2 1	27 45	5 37	23 31	1 11	9 16	1 32	22 41	0 38	19 4	0 38	18 27	0 9	18 35	4 33	8 12	8 45	4 35	0s 0	4 33
T 5	15 41	14 4	4 53	7 30	2 6	27 42	5 34	23 32	1 13	9 13	1 31	22 41	0 38	19 3	0 38	18 27	0 9	18 35	4 33	8 16	8 46	4 34	0 1	4 33
W 6	15 59	16 29	5 3	7 44	2 10	27 39	5 31	23 33	1 16	9 11	1 31	22 41	0 38	19 3	0 38	18 27	0 9	18 35	4 33	8 21	8 47	4 32	0 2	4 33
T 7	16 17	18 6	4 57	8 3	2 12	27 35	5 27	23 34	1 18	9 8	1 31	22 41	0 38	19 3	0 38	18 27	0 9	18 35	4 33	8 25	8 48	4 30	0 3	4 32
F 8	16 35	18 48	4 35	8 24	2 14	27 30	5 22	23 35	1 21	9 6	1 31	22 41	0 38	19 2	0 38	18 27	0 9	18 35	4 33	8 28	8 49	4 28	0 3	4 32
S 9	16 52	18 28	3 59	8 49	2 14	27 24	5 17	23 36	1 23	9 4	1 31	22 41	0 38	19 2	0 38	18 27	0 9	18 35	4 33	8 31	8 51	4 26	0 4	4 32
S 10	17 9	17 5	3 8	9 15	2 13	27 17	5 11	23 38	1 26	9 1	1 31	22 41	0 38	19 2	0 38	18 26	0 9	18 35	4 33	8 32	8 52	4 24	0 5	4 31
M11	17 26	14 42	2 6	9 43	2 11	27 9	5 5	23 39	1 28	8 59	1 30	22 41	0 38	19 1	0 38	18 26	0 9	18 35	4 33	8 32	8 53	4 23	0 6	4 31
T 12	17 42	11 26	0 55	10 13	2 8	27 0	4 58	23 41	1 31	8 57	1 30	22 41	0 37	19 1	0 38	18 26	0 9	18 35	4 33	8 32	8 54	4 21	0 6	4 31
W13	17 58	7 27	0s20	10 45	2 5	26 50	4 51	23 43	1 34	8 54	1 30	22 41	0 37	19 1	0 38	18 26	0 9	18 35	4 33	8 32	8 55	4 19	0 7	4 31
T 14	18 14	2 59	1 34	11 17	2 1	26 39	4 42	23 44	1 36	8 52	1 30	22 40	0 37	19 0	0 38	18 26	0 9	18 35	4 33	8 33	8 56	4 17	0 8	4 30
F 15	18 29	1n42	2 44	11 49	1 57	26 27	4 33	23 47	1 39	8 50	1 30	22 40	0 37	19 0	0 38	18 25	0 9	18 35	4 33	8 34	8 58	4 15	0 8	4 30
S 16	18 44	6 18	3 42	12 23	1 52	26 14	4 24	23 49	1 42	8 48	1 29	22 40	0 37	19 0	0 38	18 25	0 9	18 35	4 33	8 36	8 59	4 13	0 9	4 30
S 17	18 59	10 31	4 26	12 56	1 47	26 0	4 14	23 51	1 45	8 46	1 29	22 40	0 37	18 59	0 38	18 25	0 9	18 35	4 33	8 40	9 0	4 11	0 9	4 29
M18	19 13	14 5	4 53	13 30	1 42	25 45	4 3	23 53	1 48	8 44	1 29	22 40	0 37	18 59	0 38	18 25	0 9	18 35	4 33	8 44	9 1	4 10	0 10	4 29
T 19	19 27	16 45	5 1	14 4	1 36	25 29	3 51	23 56	1 50	8 42	1 29	22 40	0 37	18 58	0 38	18 25	0 9	18 35	4 33	8 48	9 2	4 8	0 10	4 29
W20	19 41	18 22	4 51	14 37	1 30	25 12	3 39	23 59	1 53	8 40	1 29	22 40	0 37	18 58	0 38	18 24	0 9	18 35	4 33	8 53	9 4	4 6	0 11	4 28
T 21	19 54	18 53	4 24	15 10	1 23	24 54	3 27	24 1	1 56	8 38	1 28	22 39	0 36	18 57	0 38	18 24	0 9	18 35	4 33	8 57	9 5	4 4	0 11	4 28
F 22	20 7	18 23	3 44	15 43	1 17	24 35	3 14	24 4	1 59	8 37	1 28	22 39	0 36	18 57	0 38	18 24	0 9	18 35	4 33	9 0	9 6	4 2	0 12	4 28
S 23	20 20	16 57	2 55	16 16	1 10	24 16	3 0	24 7	2 2	8 35	1 28	22 39	0 36	18 56	0 38	18 23	0 9	18 35	4 33	9 2	9 7	4 0	0 12	4 27
S 24	20 32	14 46	1 58	16 48	1 3	23 56	2 46	24 11	2 5	8 33	1 28	22 39	0 36	18 56	0 38	18 23	0 9	18 35	4 33	9 3	9 8	3 59	0 13	4 27
M25	20 44	11 58	0 57	17 19	0 56	23 35	2 31	24 14	2 8	8 32	1 27	22 39	0 36	18 55	0 38	18 23	0 9	18 35	4 33	9 3	9 9	3 57	0 13	4 27
T 26	20 56	8 43	0n 6	17 49	0 50	23 13	2 16	24 18	2 11	8 30	1 27	22 38	0 36	18 55	0 38	18 23	0 9	18 35	4 33	9 3	9 11	3 55	0 13	4 27
W27	21 7	5 9	1 8	18 19	0 43	22 52	2 1	24 21	2 14	8 29	1 27	22 38	0 36	18 54	0 38	18 22	0 9	18 35	4 33	9 3	9 12	3 53	0 14	4 26
T 28	21 18	1 23	2 7	18 48	0 36	22 30	1 46	24 25	2 17	8 27	1 26	22 38	0 36	18 54	0 37	18 22	0 9	18 36	4 33	9 4	9 13	3 51	0 14	4 26
F 29	21 28	2s28	3 1	19 17	0 29	22 7	1 31	24 29	2 20	8 26	1 26	22 38	0 36	18 53	0 37	18 22	0 9	18 36	4 33	9 5	9 14	3 49	0 15	4 26
S 30	21s38	6s17	3n47	19s44	0n22	21s45	1s15	24n33	2n23	8n25	1s26	22s37	0n36	18s53	0s37	18s21	0n 9	18n36	4s33	9n 8	9n15	3n47	0s15	4n25

Julian Day Number = 2512114.5, Delta T = 133.19 sec
Ecliptic obliquity = 23°24'55, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°03'27, Lahiri = 26°10'28

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2165
geocentric

DECEMBER 2165 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 40 47	9♐ 4'03	7♏41	1♐22	1°R22	18°R 0	25°R 9	7♑25	7♒57	7♒ 2	8°R30	6°R18	6♍ 5	24♍15	19♓ 5	S 1
M 2	4 44 44	10° 4'50	20°14	2°56	0♐49	17♋50	25♈ 6	7°32	7°59	7° 4	8♋29	6♍ 6	6° 1	24°22	19° 5	M 2
T 3	4 48 40	11° 5'38	3♐ 4	4°30	0°18	17°40	25° 2	7°38	8° 1	7° 5	8°28	5°52	5°58	24°28	19° 5	T 3
W 4	4 52 37	12° 6'28	16°10	6° 5	29♏48	17°29	24°59	7°45	8° 3	7° 7	8°27	5°38	5°55	24°35	19° 6	W 4
T 5	4 56 33	13° 7'18	29°30	7°39	29°19	17°17	24°56	7°51	8° 6	7° 8	8°26	5°26	5°52	24°42	19° 6	T 5
F 6	5 0 30	14° 8'10	13♑ 3	9°13	28°53	17° 5	24°53	7°58	8° 8	7°10	8°24	5°15	5°49	24°48	19° 6	F 6
S 7	5 4 27	15° 9'03	26°45	10°48	28°28	16°51	24°50	8° 5	8°10	7°11	8°23	5° 7	5°46	24°55	19° 7	S 7
S 8	5 8 23	16° 9'56	10♒34	12°22	28° 6	16°37	24°48	8°12	8°13	7°13	8°22	5° 3	5°42	25° 2	19° 7	S 8
M 9	5 12 20	17°10'50	24°29	13°56	27°46	16°22	24°46	8°18	8°15	7°14	8°21	5° 1	5°39	25° 8	19° 8	M 9
T 10	5 16 16	18°11'45	8♓28	15°30	27°28	16° 6	24°43	8°25	8°18	7°16	8°20	5°D 1	5°36	25°15	19° 8	T 10
W11	5 20 13	19°12'41	22°32	17° 4	27°12	15°50	24°42	8°32	8°20	7°18	8°19	5°R 1	5°33	25°22	19° 9	W11
T 12	5 24 9	20°13'37	6♈39	18°39	26°59	15°32	24°40	8°39	8°23	7°19	8°18	5° 0	5°30	25°28	19° 9	T 12
F 13	5 28 6	21°14'34	20°49	20°13	26°49	15°15	24°39	8°46	8°26	7°21	8°17	4°57	5°26	25°35	19°10	F 13
S 14	5 32 2	22°15'31	4♉59	21°47	26°41	14°56	24°37	8°52	8°28	7°23	8°15	4°51	5°23	25°42	19°11	S 14
S 15	5 35 59	23°16'29	19° 6	23°21	26°35	14°37	24°36	8°59	8°31	7°24	8°14	4°42	5°20	25°48	19°12	S 15
M16	5 39 56	24°17'28	3♊ 7	24°56	26°32	14°17	24°35	9° 6	8°34	7°26	8°13	4°32	5°17	25°55	19°13	M16
T 17	5 43 52	25°18'28	16°57	26°30	26°D31	13°57	24°35	9°13	8°36	7°28	8°12	4°20	5°14	26° 2	19°14	T 17
W18	5 47 49	26°19'28	0♋31	28° 5	26°33	13°36	24°34	9°20	8°39	7°30	8°11	4° 8	5°11	26° 8	19°15	W18
T 19	5 51 45	27°20'29	13°47	29°40	26°37	13°14	24°D34	9°27	8°42	7°32	8°10	3°58	5° 7	26°15	19°16	T 19
F 20	5 55 42	28°21'31	26°43	1♑14	26°44	12°53	24°34	9°34	8°45	7°33	8° 8	3°49	5° 4	26°22	19°17	F 20
S 21	5 59 38	29°22'33	9♌19	2°49	26°53	12°30	24°34	9°41	8°48	7°35	8° 7	3°44	5° 1	26°28	19°18	S 21
S 22	6 3 35	0♑23'36	21°37	4°25	27° 4	12° 8	24°35	9°48	8°51	7°37	8° 6	3°41	4°58	26°35	19°20	S 22
M23	6 7 31	1°24'40	3♍41	6° 0	27°17	11°45	24°35	9°55	8°54	7°39	8° 5	3°D40	4°55	26°41	19°21	M23
T 24	6 11 28	2°25'45	15°35	7°35	27°33	11°22	24°36	10° 2	8°57	7°41	8° 4	3°41	4°52	26°48	19°22	T 24
W25	6 15 25	3°26'50	27°24	9°11	27°50	10°58	24°37	10° 9	9° 0	7°43	8° 2	3°41	4°48	26°55	19°24	W25
T 26	6 19 21	4°27'56	9♎12	10°47	28°10	10°35	24°39	10°16	9° 3	7°45	8° 1	3°R41	4°45	27° 1	19°25	T 26
F 27	6 23 18	5°29'03	21° 7	12°23	28°32	10°11	24°40	10°23	9° 6	7°47	8° 0	3°40	4°42	27° 8	19°27	F 27
S 28	6 27 14	6°30'10	3♏13	13°59	28°55	9°47	24°42	10°31	9° 9	7°49	7°59	3°36	4°39	27°15	19°28	S 28
S 29	6 31 11	7°31'18	15°34	15°36	29°20	9°23	24°44	10°38	9°12	7°51	7°57	3°30	4°36	27°21	19°30	S 29
M30	6 35 7	8°32'27	28°13	17°12	29°47	8°59	24°46	10°45	9°15	7°53	7°56	3°22	4°32	27°28	19°32	M30
T 31	6 39 4	9♑33'36	11♐14	18♑49	0♐16	8♋36	24♈48	10♑52	9♒18	7♒55	7♋55	3♍13	4♍29	27♍35	19♓33	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s47	9s53	4n24	20s10	0n15	21s23	0s59	24n37	2n26	8n24	1s26	22s37	0n35	18s52	0s37	18s21	0n 9	18n36	4s33	9n12	9n16	3n46	0s15	4n25
M 2	21 56	13 8	4 49	20 36	0 8	21 1	0 44	24 41	2 29	8 23	1 25	22 37	0 35	18 51	0 37	18 21	0 9	18 36	4 33	9 16	9 18	3 44	0 15	4 25
T 3	22 5	15 51	5 0	21 0	0 1	20 39	0 28	24 45	2 32	8 22	1 25	22 37	0 35	18 51	0 37	18 20	0 9	18 36	4 33	9 21	9 19	3 42	0 16	4 24
W 4	22 13	17 48	4 55	21 24	0s 6	20 18	0 13	24 50	2 35	8 21	1 25	22 36	0 35	18 50	0 37	18 20	0 9	18 36	4 33	9 26	9 20	3 40	0 16	4 24
T 5	22 21	18 50	4 35	21 47	0 13	19 57	0n 2	24 54	2 38	8 20	1 25	22 36	0 35	18 50	0 37	18 20	0 9	18 36	4 33	9 31	9 21	3 38	0 16	4 24
F 6	22 28	18 49	3 58	22 8	0 20	19 37	0 17	24 59	2 41	8 19	1 24	22 36	0 35	18 49	0 37	18 19	0 9	18 36	4 33	9 35	9 22	3 36	0 16	4 23
S 7	22 35	17 43	3 8	22 28	0 26	19 17	0 31	25 3	2 44	8 18	1 24	22 35	0 35	18 48	0 37	18 19	0 9	18 36	4 33	9 37	9 23	3 34	0 16	4 23
S 8	22 42	15 33	2 6	22 48	0 33	18 59	0 45	25 8	2 46	8 18	1 24	22 35	0 35	18 48	0 37	18 18	0 9	18 36	4 33	9 39	9 25	3 32	0 16	4 23
M 9	22 48	12 29	0 56	23 6	0 39	18 41	0 59	25 13	2 49	8 17	1 23	22 35	0 35	18 47	0 37	18 18	0 9	18 36	4 33	9 40	9 26	3 31	0 16	4 22
T 10	22 53	8 40	0s18	23 23	0 45	18 24	1 12	25 18	2 52	8 17	1 23	22 34	0 35	18 46	0 37	18 18	0 9	18 36	4 33	9 40	9 27	3 29	0 16	4 22
W11	22 59	4 22	1 32	23 38	0 51	18 8	1 25	25 22	2 55	8 16	1 23	22 34	0 35	18 46	0 37	18 17	0 9	18 36	4 33	9 40	9 28	3 27	0 17	4 22
T 12	23 3	0n12	2 39	23 53	0 57	17 53	1 38	25 27	2 58	8 16	1 22	22 34	0 34	18 45	0 37	18 17	0 9	18 37	4 33	9 40	9 29	3 25	0 17	4 21
F 13	23 8	4 45	3 38	24 6	1 3	17 39	1 50	25 32	3 1	8 16	1 22	22 33	0 34	18 44	0 37	18 16	0 9	18 37	4 33	9 41	9 30	3 23	0 17	4 21
S 14	23 11	9 3	4 22	24 18	1 9	17 26	2 1	25 37	3 3	8 16	1 22	22 33	0 34	18 43	0 37	18 16	0 9	18 37	4 33	9 43	9 32	3 21	0 16	4 21
S 15	23 15	12 49	4 51	24 29	1 14	17 14	2 12	25 42	3 6	8 16	1 22	22 33	0 34	18 43	0 37	18 16	0 9	18 37	4 33	9 47	9 33	3 19	0 16	4 21
M16	23 18	15 49	5 2	24 39	1 20	17 3	2 23	25 46	3 8	8 16	1 21	22 32	0 34	18 42	0 37	18 15	0 9	18 37	4 33	9 50	9 34	3 17	0 16	4 20
T 17	23 20	17 53	4 55	24 47	1 25	16 53	2 33	25 51	3 11	8 16	1 21	22 32	0 34	18 41	0 37	18 15	0 9	18 37	4 33	9 55	9 35	3 16	0 16	4 20
W18	23 22	18 54	4 31	24 54	1 30	16 44	2 42	25 56	3 13	8 16	1 21	22 31	0 34	18 41	0 37	18 14	0 9	18 37	4 33	9 59	9 36	3 14	0 16	4 20
T 19	23 23	18 50	3 53	24 59	1 34	16 36	2 51	26 0	3 16	8 16	1 20	22 31	0 34	18 40	0 37	18 14	0 9	18 37	4 33	10 3	9 37	3 12	0 16	4 19
F 20	23 24	17 47	3 4	25 3	1 39	16 29	3 0	26 5	3 18	8 16	1 20	22 31	0 34	18 39	0 37	18 13	0 9	18 37	4 33	10 6	9 39	3 10	0 16	4 19
S 21	23 25	15 53	2 6	25 6	1 43	16 24	3 8	26 9	3 21	8 17	1 20	22 30	0 34	18 38	0 37	18 13	0 9	18 37	4 33	10 8	9 40	3 8	0 16	4 19
S 22	23 25	13 16	1 4	25 7	1 47	16 19	3 15	26 14	3 23	8 17	1 19	22 30	0 34	18 37	0 37	18 12	0 9	18 38	4 33	10 9	9 41	3 6	0 15	4 18
M23	23 24	10 9	0n 0	25 7	1 51	16 15	3 22	26 18	3 25	8 18	1 19	22 29	0 34	18 37	0 37	18 12	0 9	18 38	4 33	10 9	9 42	3 4	0 15	4 18
T 24	23 24	6 39	1 3	25 6	1 54	16 12	3 29	26 22	3 27	8 18	1 19	22 29	0 33	18 36	0 37	18 11	0 9	18 38	4 33	10 9	9 43	3 2	0 15	4 18
W25	23 22	2 56	2 4	25 3	1 57	16 10	3 35	26 26	3 29	8 19	1 18	22 28	0 33	18 35	0 37	18 11	0 9	18 38	4 33	10 9	9 44	3 0	0 15	4 17
T 26	23 20	0s55	2 59	24 58	2 0	16 8	3 41	26 30	3 31	8 20	1 18	22 28	0 33	18 34	0 37	18 10	0 9	18 38	4 33	10 9	9 46	2 59	0 14	4 17
F 27	23 18	4 44	3 46	24 52	2 3	16 8	3 46	26 33	3 32	8 20	1 18	22 27	0 33	18 33	0 37	18 10	0 9	18 38	4 33	10 9	9 47	2 57	0 14	4 17
S 28	23 15	8 25	4 24	24 45	2 5	16 8	3 51	26 37	3 34	8 21	1 17	22 27	0 33	18 33	0 37	18 9	0 9	18 38	4 33	10 11	9 48	2 55	0 14	4 17
S 29	23 12	11 50	4 51	24 36	2 7	16 9	3 56	26 40	3 36	8 22	1 17	22 26	0 33	18 32	0 37	18 9	0 9	18 38	4 33	10 13	9 49	2 53	0 13	4 16
M30	23 8	14 47	5 5	24 26	2 8	16 11	4 0	26 43	3 37	8 23	1 17	22 26	0 33	18 31	0 37	18 8	0 9	18 39	4 33	10 16	9 50	2 51	0 13	4 16
T 31	23s 4	17s 6	5n 3	24s14	2s 9	16s13	4n 4	26n46	3n38	8n24	1s17	22s25	0n33	18s30	0s37	18s 8	0n 9	18n39	4s33	10n19	9n51	2n49	0s13	4n16

Julian Day Number = 2512144.5, Delta T = 133.26 sec
Ecliptic obliquity = 23°24'55, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°03'32, Lahiri = 26°10'32

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2166
geocentric

JANUARY 2166 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 43 0	10♑34'46	24♐36	20♑26	0♐46	8°R12	24♈50	10♑59	9♒21	7♒57	7°R54	3°R 3	4♍26	27♍41	19♓35	W 1
T 2	6 46 57	11°35'56	8♑17	22° 3	1°18	7♋48	24°53	11° 6	9°24	7°59	7♋53	2♍54	4°23	27°48	19°37	T 2
F 3	6 50 54	12°37'06	22°15	23°40	1°51	7°25	24°56	11°13	9°28	8° 1	7°51	2°46	4°20	27°55	19°39	F 3
S 4	6 54 50	13°38'16	6♒24	25°17	2°26	7° 2	24°59	11°20	9°31	8° 3	7°50	2°41	4°17	28° 1	19°41	S 4
S 5	6 58 47	14°39'26	20°41	26°53	3° 2	6°40	25° 2	11°27	9°34	8° 6	7°49	2°38	4°13	28° 8	19°43	S 5
M 6	7 2 43	15°40'36	4♓59	28°30	3°39	6°17	25° 6	11°34	9°37	8° 8	7°48	2°D37	4°10	28°15	19°45	M 6
T 7	7 6 40	16°41'45	19°17	0♒ 6	4°18	5°55	25°10	11°41	9°41	8°10	7°47	2°38	4° 7	28°21	19°47	T 7
W 8	7 10 36	17°42'54	3♈30	1°42	4°58	5°34	25°13	11°49	9°44	8°12	7°45	2°40	4° 4	28°28	19°49	W 8
T 9	7 14 33	18°44'03	17°38	3°17	5°39	5°13	25°18	11°56	9°47	8°14	7°44	2°R40	4° 1	28°35	19°51	T 9
F 10	7 18 29	19°45'11	1♉39	4°52	6°21	4°53	25°22	12° 3	9°51	8°16	7°43	2°40	3°58	28°41	19°53	F 10
S 11	7 22 26	20°46'19	15°31	6°25	7° 5	4°33	25°26	12°10	9°54	8°19	7°42	2°37	3°54	28°48	19°56	S 11
S 12	7 26 23	21°47'27	29°15	7°57	7°49	4°14	25°31	12°17	9°57	8°21	7°41	2°32	3°51	28°55	19°58	S 12
M13	7 30 19	22°48'34	12♊49	9°28	8°35	3°55	25°36	12°24	10° 1	8°23	7°39	2°26	3°48	29° 1	20° 0	M13
T 14	7 34 16	23°49'41	26°11	10°57	9°21	3°37	25°41	12°31	10° 4	8°25	7°38	2°20	3°45	29° 8	20° 3	T 14
W15	7 38 12	24°50'47	9♋20	12°23	10° 8	3°20	25°46	12°38	10° 8	8°27	7°37	2°13	3°42	29°15	20° 5	W15
T 16	7 42 9	25°51'53	22°14	13°47	10°56	3° 3	25°51	12°45	10°11	8°30	7°36	2° 7	3°38	29°21	20° 8	T 16
F 17	7 46 5	26°52'58	4♌54	15° 7	11°45	2°47	25°57	12°52	10°15	8°32	7°35	2° 2	3°35	29°28	20°10	F 17
S 18	7 50 2	27°54'03	17°20	16°23	12°35	2°32	26° 2	12°59	10°18	8°34	7°34	1°59	3°32	29°35	20°13	S 18
S 19	7 53 59	28°55'08	29°32	17°35	13°26	2°17	26° 8	13° 6	10°21	8°36	7°33	1°D58	3°29	29°41	20°15	S 19
M20	7 57 55	29°56'12	11♍33	18°42	14°17	2° 4	26°14	13°13	10°25	8°39	7°31	1°59	3°26	29°48	20°18	M20
T 21	8 1 52	0♒57'16	23°26	19°42	15°10	1°51	26°21	13°19	10°28	8°41	7°30	2° 0	3°23	29°55	20°21	T 21
W22	8 5 48	1°58'20	5♎15	20°36	16° 2	1°39	26°27	13°26	10°32	8°43	7°29	2° 2	3°19	0♎ 1	20°24	W22
T 23	8 9 45	2°59'23	17° 4	21°21	16°56	1°27	26°34	13°33	10°35	8°45	7°28	2° 4	3°16	0° 8	20°26	T 23
F 24	8 13 41	4° 0'26	28°58	21°59	17°50	1°17	26°40	13°40	10°39	8°48	7°27	2°R 5	3°13	0°15	20°29	F 24
S 25	8 17 38	5° 1'28	11♏ 2	22°26	18°45	1° 7	26°47	13°47	10°42	8°50	7°26	2° 5	3°10	0°21	20°32	S 25
S 26	8 21 34	6° 2'30	23°21	22°44	19°41	0°58	26°54	13°53	10°46	8°52	7°25	2° 3	3° 7	0°28	20°35	S 26
M27	8 25 31	7° 3'32	6♐ 0	22°R50	20°37	0°50	27° 1	14° 0	10°49	8°54	7°24	2° 1	3° 3	0°35	20°38	M27
T 28	8 29 28	8° 4'33	19° 1	22°45	21°33	0°43	27° 9	14° 7	10°53	8°57	7°23	1°58	3° 0	0°41	20°41	T 28
W29	8 33 24	9° 5'34	2♑28	22°29	22°30	0°36	27°16	14°14	10°56	8°59	7°22	1°54	2°57	0°48	20°44	W29
T 30	8 37 21	10° 6'34	16°18	22° 2	23°28	0°30	27°24	14°20	11° 0	9° 1	7°21	1°51	2°54	0°55	20°47	T 30
F 31	8 41 17	11♒ 7'33	0♒32	21♒23	24♐26	0♋26	27♈32	14♑27	11♒ 3	9♒ 4	7♋20	1♍48	2♍51	1♎ 1	20♓50	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23s 0	18s34	4n45	24s 0	2s10	16s16	4n 7	26n49	3n40	8n26	1s16	22s25	0n33	18s29	0s37	18s 7	0n 9	18n39	4s33	10n23	9n52	2n47	0s12	4n15
T 2	22 55	19 0	4 10	23 45	2 10	16 19	4 10	26 52	3 41	8 27	1 16	22 24	0 33	18 28	0 37	18 7	0 9	18 39	4 32	10 26	9 54	2 45	0 12	4 15
F 3	22 49	18 17	3 20	23 29	2 10	16 23	4 13	26 54	3 42	8 28	1 16	22 24	0 33	18 28	0 37	18 6	0 9	18 39	4 32	10 29	9 55	2 43	0 11	4 15
S 4	22 43	16 27	2 17	23 11	2 9	16 27	4 15	26 56	3 43	8 30	1 15	22 23	0 33	18 27	0 37	18 6	0 9	18 39	4 32	10 31	9 56	2 41	0 11	4 15
S 5	22 37	13 34	1 4	22 51	2 8	16 32	4 17	26 58	3 44	8 31	1 15	22 23	0 33	18 26	0 37	18 5	0 9	18 39	4 32	10 32	9 57	2 40	0 10	4 14
M 6	22 30	9 52	0s13	22 30	2 6	16 37	4 19	27 0	3 44	8 33	1 15	22 22	0 33	18 25	0 37	18 5	0 9	18 39	4 32	10 32	9 58	2 38	0 10	4 14
T 7	22 22	5 36	1 29	22 8	2 4	16 43	4 21	27 2	3 45	8 34	1 14	22 22	0 33	18 24	0 37	18 4	0 8	18 40	4 32	10 31	9 59	2 36	0 9	4 14
W 8	22 15	1 3	2 39	21 44	2 1	16 49	4 22	27 3	3 46	8 36	1 14	22 21	0 32	18 23	0 37	18 4	0 8	18 40	4 32	10 31	10 1	2 34	0 8	4 14
T 9	22 6	3n32	3 39	21 18	1 57	16 55	4 23	27 5	3 46	8 38	1 14	22 21	0 32	18 22	0 37	18 3	0 8	18 40	4 32	10 31	10 2	2 32	0 8	4 13
F 10	21 58	7 52	4 26	20 52	1 53	17 1	4 23	27 6	3 46	8 40	1 14	22 20	0 32	18 21	0 37	18 3	0 8	18 40	4 32	10 31	10 3	2 30	0 7	4 13
S 11	21 49	11 44	4 56	20 24	1 48	17 8	4 24	27 7	3 47	8 41	1 13	22 19	0 32	18 20	0 37	18 2	0 8	18 40	4 32	10 32	10 4	2 28	0 7	4 13
S 12	21 39	14 56	5 9	19 55	1 43	17 15	4 24	27 8	3 47	8 43	1 13	22 19	0 32	18 20	0 37	18 1	0 8	18 40	4 32	10 34	10 5	2 26	0 6	4 12
M13	21 29	17 16	5 5	19 25	1 36	17 22	4 24	27 8	3 47	8 45	1 13	22 18	0 32	18 19	0 37	18 1	0 8	18 40	4 32	10 36	10 6	2 24	0 5	4 12
T 14	21 19	18 38	4 44	18 54	1 29	17 29	4 24	27 9	3 47	8 47	1 12	22 18	0 32	18 18	0 37	18 0	0 8	18 41	4 32	10 38	10 7	2 22	0 5	4 12
W15	21 8	18 58	4 8	18 22	1 21	17 36	4 23	27 9	3 47	8 50	1 12	22 17	0 32	18 17	0 37	18 0	0 8	18 41	4 31	10 41	10 9	2 20	0 4	4 12
T 16	20 57	18 18	3 20	17 49	1 12	17 44	4 23	27 9	3 47	8 52	1 12	22 16	0 32	18 16	0 37	17 59	0 8	18 41	4 31	10 43	10 10	2 19	0 3	4 11
F 17	20 46	16 43	2 22	17 16	1 2	17 51	4 22	27 10	3 46	8 54	1 11	22 16	0 32	18 15	0 37	17 59	0 8	18 41	4 31	10 44	10 11	2 17	0 2	4 11
S 18	20 34	14 22	1 19	16 43	0 51	17 58	4 21	27 10	3 46	8 56	1 11	22 15	0 32	18 14	0 37	17 58	0 8	18 41	4 31	10 45	10 12	2 15	0 2	4 11
S 19	20 21	11 25	0 13	16 10	0 39	18 6	4 19	27 10	3 46	8 59	1 11	22 15	0 32	18 13	0 37	17 57	0 8	18 41	4 31	10 46	10 13	2 13	0 1	4 11
M20	20 9	8 2	0n52	15 38	0 27	18 13	4 18	27 9	3 45	9 1	1 11	22 14	0 32	18 12	0 37	17 57	0 8	18 42	4 31	10 46	10 14	2 11	0n 0	4 10
T 21	19 56	4 22	1 55	15 6	0 13	18 20	4 16	27 9	3 45	9 4	1 10	22 13	0 32	18 11	0 37	17 56	0 8	18 42	4 31	10 45	10 15	2 9	0 1	4 10
W22	19 42	0 34	2 53	14 35	0n 2	18 28	4 15	27 9	3 44	9 6	1 10	22 13	0 32	18 10	0 37	17 56	0 8	18 42	4 31	10 44	10 17	2 7	0 2	4 10
T 23	19 28	3s16	3 43	14 6	0 17	18 35	4 13	27 8	3 44	9 9	1 10	22 12	0 32	18 9	0 37	17 55	0 8	18 42	4 31	10 44	10 18	2 5	0 3	4 10
F 24	19 14	6 59	4 24	13 38	0 34	18 42	4 11	27 7	3 43	9 12	1 10	22 12	0 32	18 8	0 37	17 55	0 8	18 42	4 31	10 43	10 19	2 3	0 4	4 10
S 25	18 59	10 28	4 54	13 13	0 50	18 49	4 8	27 7	3 42	9 14	1 9	22 11	0 31	18 7	0 37	17 54	0 8	18 42	4 31	10 43	10 20	2 1	0 4	4 9
S 26	18 45	13 34	5 11	12 51	1 8	18 56	4 6	27 6	3 41	9 17	1 9	22 10	0 31	18 6	0 37	17 53	0 8	18 42	4 30	10 44	10 21	1 59	0 5	4 9
M27	18 29	16 8	5 14	12 32	1 26	19 2	4 3	27 5	3 41	9 20	1 9	22 10	0 31	18 5	0 37	17 53	0 8	18 43	4 30	10 45	10 22	1 57	0 6	4 9
T 28	18 14	17 58	5 1	12 17	1 44	19 8	4 1	27 4	3 40	9 23	1 8	22 9	0 31	18 5	0 37	17 52	0 8	18 43	4 30	10 46	10 24	1 56	0 7	4 9
W29	17 58	18 52	4 31	12 5	2 1	19 15	3 58	27 4	3 39	9 26	1 8	22 8	0 31	18 4	0 37	17 52	0 8	18 43	4 30	10 47	10 25	1 54	0 8	4 8
T 30	17 42	18 42	3 45	11 58	2 19	19 20	3 55	27 3	3 38	9 29	1 8	22 8	0 31	18 3	0 37	17 51	0 8	18 43	4 30	10 48	10 26	1 52	0 9	4 8
F 31	17s25	17s21	2n44	11s55	2n35	19s26	3n52	27n 2	3n37	9n32	1s 8	22s 7	0n31	18s 2	0s37	17s50	0n 8	18n43	4s30	10n49	10n27	1n50	0n10	4n 8

Julian Day Number = 2512175.5, Delta T = 133.32 sec
Ecliptic obliquity = 23°24'55, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°03'36, Lahiri = 26°10'36

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2166
geocentric

FEBRUARY 2166 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 45 14	12♒ 8'31	15♒ 3	20°R35	25♐25	0°R22	27♈40	14♑33	11♒ 7	9♒ 6	7°R19	1°R46	2♍48	1♎ 8	20♓53	S 1
S 2	8 49 10	13° 9'28	29°45	19♒37	26°24	0♋18	27°48	14°40	11°10	9° 8	7♋18	1°D46	2°44	1°15	20°56	S 2
M 3	8 53 7	14°10'25	14♓32	18°33	27°23	0°16	27°56	14°46	11°14	9°10	7°17	1♍46	2°41	1°21	20°59	M 3
T 4	8 57 3	15°11'20	29°17	17°24	28°23	0°14	28° 5	14°53	11°17	9°13	7°16	1°47	2°38	1°28	21° 2	T 4
W 5	9 1 0	16°12'13	13♈52	16°11	29°23	0°13	28°13	14°59	11°21	9°15	7°15	1°48	2°35	1°35	21° 6	W 5
T 6	9 4 57	17°13'06	28°15	14°57	0♑24	0°D13	28°22	15° 6	11°24	9°17	7°14	1°49	2°32	1°41	21° 9	T 6
F 7	9 8 53	18°13'57	12♉22	13°44	1°25	0°14	28°31	15°12	11°28	9°19	7°13	1°R50	2°29	1°48	21°12	F 7
S 8	9 12 50	19°14'46	26°11	12°35	2°27	0°15	28°40	15°18	11°31	9°22	7°12	1°50	2°25	1°54	21°16	S 8
S 9	9 16 46	20°15'35	9♊43	11°29	3°28	0°17	28°49	15°25	11°35	9°24	7°12	1°49	2°22	2° 1	21°19	S 9
M10	9 20 43	21°16'21	22°59	10°30	4°31	0°20	28°58	15°31	11°38	9°26	7°11	1°48	2°19	2° 8	21°22	M10
T 11	9 24 39	22°17'07	5♋59	9°38	5°33	0°24	29° 8	15°37	11°42	9°28	7°10	1°47	2°16	2°14	21°26	T 11
W12	9 28 36	23°17'51	18°45	8°53	6°36	0°28	29°17	15°43	11°45	9°31	7° 9	1°45	2°13	2°21	21°29	W12
T 13	9 32 32	24°18'33	1♌18	8°16	7°39	0°33	29°27	15°49	11°49	9°33	7° 8	1°44	2° 9	2°28	21°32	T 13
F 14	9 36 29	25°19'14	13°39	7°48	8°42	0°38	29°36	15°55	11°52	9°35	7° 8	1°44	2° 6	2°34	21°36	F 14
S 15	9 40 26	26°19'53	25°51	7°27	9°46	0°45	29°46	16° 1	11°56	9°37	7° 7	1°43	2° 3	2°41	21°39	S 15
S 16	9 44 22	27°20'31	7♍53	7°15	10°50	0°52	29°56	16° 7	11°59	9°40	7° 6	1°D43	2° 0	2°48	21°43	S 16
M17	9 48 19	28°21'08	19°49	7°D 9	11°54	0°59	0♉ 6	16°13	12° 2	9°42	7° 5	1°44	1°57	2°54	21°46	M17
T 18	9 52 15	29°21'43	1♎40	7°12	12°59	1° 7	0°17	16°19	12° 6	9°44	7° 5	1°44	1°54	3° 1	21°50	T 18
W19	9 56 12	0♓22'17	13°29	7°21	14° 3	1°16	0°27	16°25	12° 9	9°46	7° 4	1°44	1°50	3° 8	21°53	W19
T 20	10 0 8	1°22'50	25°18	7°36	15° 8	1°26	0°37	16°30	12°13	9°48	7° 3	1°R44	1°47	3°14	21°57	T 20
F 21	10 4 5	2°23'22	7♏13	7°57	16°14	1°36	0°48	16°36	12°16	9°50	7° 3	1°44	1°44	3°21	22° 1	F 21
S 22	10 8 1	3°23'52	19°16	8°24	17°19	1°46	0°59	16°42	12°19	9°53	7° 2	1°44	1°41	3°28	22° 4	S 22
S 23	10 11 58	4°24'21	1♐32	8°55	18°25	1°57	1° 9	16°47	12°23	9°55	7° 2	1°D44	1°38	3°34	22° 8	S 23
M24	10 15 54	5°24'49	14° 6	9°32	19°31	2° 9	1°20	16°53	12°26	9°57	7° 1	1°44	1°35	3°41	22°11	M24
T 25	10 19 51	6°25'15	27° 2	10°12	20°37	2°21	1°31	16°58	12°29	9°59	7° 0	1°44	1°31	3°48	22°15	T 25
W26	10 23 48	7°25'40	10♑22	10°57	21°43	2°34	1°42	17° 4	12°32	10° 1	7° 0	1°45	1°28	3°54	22°19	W26
T 27	10 27 44	8°26'04	24° 9	11°45	22°50	2°47	1°53	17° 9	12°36	10° 3	6°59	1°45	1°25	4° 1	22°22	T 27
F 28	10 31 41	9♓26'26	8♒23	12♒37	23♑56	3♋ 1	2♉ 5	17♑14	12♒39	10♒ 5	6♋59	1♍46	1♍22	4♎ 8	22♓26	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s 8	14s51	1n31	11s56	2n50	19s31	3n49	27n 1	3n36	9n35	1s 7	22s 6	0n31	18s 1	0s37	17s50	0n 8	18n43	4s30	10n50	10n28	1n48	0n11	4n 8
S 2	16 51	11 22	0 11	12 0	3 4	19 36	3 46	27 0	3 35	9 38	1 7	22 6	0 31	18 0	0 37	17 49	0 8	18 44	4 30	10 50	10 29	1 46	0 12	4 8
M 3	16 34	7 10	1s10	12 9	3 15	19 41	3 42	26 58	3 34	9 41	1 7	22 5	0 31	17 59	0 37	17 49	0 8	18 44	4 30	10 50	10 30	1 44	0 13	4 7
T 4	16 16	2 32	2 27	12 21	3 25	19 46	3 39	26 57	3 32	9 45	1 7	22 4	0 31	17 58	0 37	17 48	0 8	18 44	4 29	10 50	10 32	1 42	0 14	4 7
W 5	15 58	2n12	3 33	12 36	3 32	19 50	3 35	26 56	3 31	9 48	1 6	22 4	0 31	17 57	0 37	17 48	0 8	18 44	4 29	10 49	10 33	1 40	0 16	4 7
T 6	15 40	6 43	4 24	12 53	3 37	19 53	3 32	26 55	3 30	9 51	1 6	22 3	0 31	17 56	0 37	17 47	0 8	18 44	4 29	10 49	10 34	1 38	0 17	4 7
F 7	15 21	10 47	4 59	13 11	3 39	19 57	3 28	26 54	3 29	9 55	1 6	22 2	0 31	17 55	0 37	17 46	0 8	18 44	4 29	10 49	10 35	1 36	0 18	4 7
S 8	15 2	14 10	5 15	13 31	3 39	19 59	3 24	26 53	3 28	9 58	1 6	22 2	0 31	17 54	0 37	17 46	0 8	18 45	4 29	10 49	10 36	1 34	0 19	4 6
S 9	14 43	16 43	5 14	13 51	3 36	20 2	3 20	26 51	3 26	10 1	1 5	22 1	0 31	17 53	0 37	17 45	0 8	18 45	4 29	10 49	10 37	1 32	0 20	4 6
M10	14 24	18 18	4 56	14 11	3 32	20 4	3 16	26 50	3 25	10 5	1 5	22 0	0 31	17 52	0 37	17 45	0 8	18 45	4 29	10 49	10 38	1 30	0 21	4 6
T 11	14 4	18 55	4 22	14 31	3 26	20 6	3 12	26 49	3 24	10 8	1 5	22 0	0 31	17 51	0 37	17 44	0 8	18 45	4 29	10 50	10 39	1 28	0 22	4 6
W12	13 44	18 32	3 37	14 50	3 18	20 7	3 8	26 48	3 23	10 12	1 5	21 59	0 31	17 50	0 37	17 43	0 8	18 45	4 28	10 50	10 41	1 26	0 24	4 6
T 13	13 24	17 14	2 41	15 8	3 9	20 8	3 4	26 46	3 21	10 16	1 4	21 58	0 31	17 49	0 37	17 43	0 8	18 45	4 28	10 51	10 42	1 25	0 25	4 6
F 14	13 4	15 8	1 39	15 25	2 58	20 8	3 0	26 45	3 20	10 19	1 4	21 58	0 31	17 48	0 37	17 42	0 8	18 46	4 28	10 51	10 43	1 23	0 26	4 5
S 15	12 44	12 23	0 33	15 41	2 47	20 8	2 56	26 44	3 19	10 23	1 4	21 57	0 30	17 47	0 37	17 42	0 8	18 46	4 28	10 51	10 44	1 21	0 27	4 5
S 16	12 23	9 8	0n34	15 56	2 36	20 8	2 51	26 42	3 18	10 27	1 4	21 56	0 30	17 46	0 37	17 41	0 8	18 46	4 28	10 51	10 45	1 19	0 28	4 5
M17	12 2	5 33	1 39	16 9	2 24	20 7	2 47	26 41	3 16	10 30	1 4	21 56	0 30	17 45	0 37	17 41	0 8	18 46	4 28	10 51	10 46	1 17	0 30	4 5
T 18	11 41	1 46	2 39	16 20	2 11	20 5	2 43	26 40	3 15	10 34	1 3	21 55	0 30	17 45	0 37	17 40	0 8	18 46	4 28	10 51	10 47	1 15	0 31	4 5
W19	11 20	2s 3	3 32	16 30	1 59	20 3	2 38	26 38	3 14	10 38	1 3	21 54	0 30	17 44	0 37	17 39	0 8	18 47	4 27	10 51	10 49	1 13	0 32	4 5
T 20	10 58	5 48	4 16	16 38	1 46	20 1	2 34	26 37	3 12	10 42	1 3	21 54	0 30	17 43	0 37	17 39	0 8	18 47	4 27	10 51	10 50	1 11	0 33	4 5
F 21	10 37	9 21	4 49	16 45	1 34	19 58	2 29	26 35	3 11	10 46	1 3	21 53	0 30	17 42	0 37	17 38	0 8	18 47	4 27	10 51	10 51	1 9	0 35	4 4
S 22	10 15	12 32	5 10	16 50	1 21	19 54	2 25	26 34	3 10	10 50	1 3	21 52	0 30	17 41	0 37	17 38	0 8	18 47	4 27	10 51	10 52	1 7	0 36	4 4
S 23	9 53	15 15	5 18	16 54	1 9	19 50	2 20	26 32	3 8	10 53	1 2	21 52	0 30	17 40	0 37	17 37	0 8	18 47	4 27	10 51	10 53	1 5	0 37	4 4
M24	9 31	17 20	5 11	16 56	0 57	19 46	2 16	26 31	3 7	10 57	1 2	21 51	0 30	17 39	0 37	17 37	0 8	18 47	4 27	10 51	10 54	1 3	0 39	4 4
T 25	9 9	18 35	4 48	16 57	0 45	19 41	2 11	26 29	3 6	11 1	1 2	21 50	0 30	17 38	0 37	17 36	0 8	18 48	4 27	10 51	10 55	1 1	0 40	4 4
W26	8 46	18 53	4 9	16 56	0 34	19 35	2 6	26 28	3 4	11 5	1 2	21 50	0 30	17 37	0 37	17 35	0 8	18 48	4 26	10 51	10 56	0 59	0 41	4 4
T 27	8 24	18 4	3 14	16 53	0 22	19 29	2 2	26 26	3 3	11 9	1 2	21 49	0 30	17 36	0 37	17 35	0 8	18 48	4 26	10 50	10 58	0 57	0 43	4 4
F 28	8s 1	16s 7	2n 6	16s49	0n11	19s23	1n57	26n25	3n 2	11n13	1s 1	21s49	0n30	17s35	0s37	17s34	0n 8	18n48	4s26	10n50	10n59	0n55	0n44	4n 4

Julian Day Number = 2512206.5, Delta T = 133.39 sec
Ecliptic obliquity = 23°24'55, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°03'40, Lahiri = 26°10'41

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2166
geocentric

MARCH 2166 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 35 37	10♓26'47	23♒ 0	13♒32	25♑ 3	3♋15	2♉16	17♑19	12♒42	10♒ 7	6°R58	1♍46	1♍19	4♎14	22♓30	S 1
S 2	10 39 34	11°27'06	7♓56	14°30	26°10	3°30	2°28	17°24	12°45	10° 9	6♋58	1°R47	1°15	4°21	22°33	S 2
M 3	10 43 30	12°27'23	23° 3	15°31	27°17	3°45	2°39	17°29	12°48	10°11	6°58	1°46	1°12	4°28	22°37	M 3
T 4	10 47 27	13°27'39	8♈11	16°34	28°25	4° 1	2°51	17°34	12°52	10°13	6°57	1°45	1° 9	4°34	22°41	T 4
W 5	10 51 23	14°27'52	23°11	17°39	29°32	4°17	3° 3	17°39	12°55	10°15	6°57	1°43	1° 6	4°41	22°45	W 5
T 6	10 55 20	15°28'04	7♉55	18°47	0♒40	4°34	3°14	17°44	12°58	10°17	6°56	1°42	1° 3	4°48	22°48	T 6
F 7	10 59 17	16°28'14	22°18	19°57	1°48	4°51	3°26	17°49	13° 1	10°19	6°56	1°40	1° 0	4°54	22°52	F 7
S 8	11 3 13	17°28'21	6♊16	21° 9	2°56	5° 9	3°38	17°54	13° 4	10°21	6°56	1°39	0°56	5° 1	22°56	S 8
S 9	11 7 10	18°28'27	19°49	22°23	4° 4	5°26	3°50	17°58	13° 7	10°23	6°55	1°D39	0°53	5° 8	23° 0	S 9
M10	11 11 6	19°28'30	2♋59	23°38	5°12	5°45	4° 3	18° 3	13°10	10°25	6°55	1°39	0°50	5°14	23° 3	M10
T 11	11 15 3	20°28'31	15°49	24°55	6°20	6° 3	4°15	18° 7	13°13	10°27	6°55	1°41	0°47	5°21	23° 7	T 11
W12	11 18 59	21°28'31	28°20	26°14	7°29	6°23	4°27	18°12	13°16	10°28	6°55	1°42	0°44	5°28	23°11	W12
T 13	11 22 56	22°28'27	10♌38	27°35	8°37	6°42	4°40	18°16	13°19	10°30	6°55	1°44	0°40	5°34	23°15	T 13
F 14	11 26 52	23°28'22	22°45	28°56	9°46	7° 2	4°52	18°20	13°22	10°32	6°54	1°45	0°37	5°41	23°18	F 14
S 15	11 30 49	24°28'15	4♍44	0♓20	10°55	7°22	5° 5	18°25	13°25	10°34	6°54	1°R45	0°34	5°48	23°22	S 15
S 16	11 34 46	25°28'06	16°38	1°45	12° 4	7°43	5°17	18°29	13°27	10°36	6°54	1°44	0°31	5°54	23°26	S 16
M17	11 38 42	26°27'54	28°29	3°11	13°13	8° 3	5°30	18°33	13°30	10°37	6°54	1°42	0°28	6° 1	23°30	M17
T 18	11 42 39	27°27'41	10♎18	4°39	14°22	8°25	5°43	18°37	13°33	10°39	6°54	1°39	0°25	6° 8	23°33	T 18
W19	11 46 35	28°27'26	22° 8	6° 8	15°31	8°46	5°55	18°40	13°36	10°41	6°54	1°34	0°21	6°15	23°37	W19
T 20	11 50 32	29°27'09	4♏ 2	7°38	16°40	9° 8	6° 8	18°44	13°38	10°42	6°54	1°29	0°18	6°21	23°41	T 20
F 21	11 54 28	0♈26'50	16° 0	9°10	17°50	9°30	6°21	18°48	13°41	10°44	6°D54	1°24	0°15	6°28	23°44	F 21
S 22	11 58 25	1°26'30	28° 6	10°42	18°59	9°53	6°34	18°52	13°44	10°46	6°54	1°20	0°12	6°35	23°48	S 22
S 23	12 2 21	2°26'08	10♐23	12°17	20° 9	10°15	6°47	18°55	13°46	10°47	6°54	1°16	0° 9	6°41	23°52	S 23
M24	12 6 18	3°25'44	22°55	13°52	21°19	10°38	7° 0	18°59	13°49	10°49	6°54	1°14	0° 6	6°48	23°56	M24
T 25	12 10 14	4°25'18	5♑45	15°29	22°28	11° 2	7°14	19° 2	13°51	10°50	6°54	1°D14	0° 2	6°55	23°59	T 25
W26	12 14 11	5°24'51	18°57	17° 7	23°38	11°25	7°27	19° 5	13°54	10°52	6°54	1°14	29♌59	7° 1	24° 3	W26
T 27	12 18 8	6°24'21	2♒34	18°47	24°48	11°49	7°40	19° 8	13°56	10°53	6°54	1°16	29°56	7° 8	24° 7	T 27
F 28	12 22 4	7°23'51	16°37	20°27	25°58	12°13	7°53	19°11	13°59	10°55	6°54	1°17	29°53	7°15	24°10	F 28
S 29	12 26 1	8°23'18	1♓ 6	22° 9	27° 8	12°37	8° 7	19°14	14° 1	10°56	6°55	1°R18	29°50	7°21	24°14	S 29
S 30	12 29 57	9°22'43	15°58	23°53	28°19	13° 2	8°20	19°17	14° 4	10°58	6°55	1°17	29°46	7°28	24°18	S 30
M31	12 33 54	10♈22'07	1♈ 6	25♓37	29♒29	13♋27	8♉34	19♑20	14♒ 6	10♒59	6♋55	1♍15	29♌43	7♎35	24♓21	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s39	13s 4	0n49	16s44	0n 1	19s15	1n52	26n23	3n 1	11n18	1s 1	21s48	0n30	17s34	0s37	17s34	0n 8	18n48	4s26	10n50	11n 0	0n53	0n45	4n 3
S 2	7 16	9 7	0s34	16 37	0s 9	19 8	1 48	26 21	2 59	11 22	1 1	21 47	0 30	17 34	0 37	17 33	0 8	18 48	4 26	10 50	11 1	0 51	0 47	4 3
M 3	6 53	4 32	1 55	16 29	0 19	19 0	1 43	26 20	2 58	11 26	1 1	21 47	0 30	17 33	0 37	17 33	0 8	18 49	4 26	10 50	11 2	0 49	0 48	4 3
T 4	6 30	0n21	3 9	16 19	0 29	18 51	1 38	26 18	2 57	11 30	1 1	21 46	0 30	17 32	0 37	17 32	0 8	18 49	4 26	10 51	11 3	0 47	0 49	4 3
W 5	6 7	5 9	4 8	16 8	0 38	18 42	1 34	26 16	2 55	11 34	1 0	21 46	0 30	17 31	0 37	17 32	0 8	18 49	4 25	10 51	11 4	0 45	0 51	4 3
T 6	5 43	9 33	4 50	15 55	0 47	18 32	1 29	26 14	2 54	11 38	1 0	21 45	0 30	17 30	0 37	17 31	0 8	18 49	4 25	10 52	11 6	0 44	0 52	4 3
F 7	5 20	13 17	5 13	15 41	0 55	18 22	1 25	26 12	2 53	11 43	1 0	21 44	0 30	17 29	0 37	17 31	0 8	18 49	4 25	10 52	11 7	0 42	0 53	4 3
S 8	4 57	16 9	5 16	15 26	1 3	18 11	1 20	26 10	2 52	11 47	1 0	21 44	0 30	17 28	0 37	17 30	0 8	18 49	4 25	10 53	11 8	0 40	0 55	4 3
S 9	4 33	18 1	5 1	15 10	1 11	18 0	1 15	26 8	2 50	11 51	1 0	21 43	0 30	17 28	0 37	17 30	0 8	18 50	4 25	10 53	11 9	0 38	0 56	4 3
M10	4 10	18 52	4 31	14 52	1 18	17 48	1 11	26 6	2 49	11 55	0 59	21 43	0 30	17 27	0 37	17 29	0 8	18 50	4 25	10 52	11 10	0 36	0 58	4 3
T 11	3 46	18 43	3 48	14 32	1 25	17 36	1 6	26 4	2 48	12 0	0 59	21 42	0 30	17 26	0 37	17 29	0 8	18 50	4 25	10 52	11 11	0 34	0 59	4 3
W12	3 23	17 38	2 54	14 12	1 32	17 23	1 2	26 2	2 47	12 4	0 59	21 41	0 30	17 25	0 37	17 28	0 8	18 50	4 24	10 52	11 12	0 32	1 1	4 2
T 13	2 59	15 43	1 54	13 50	1 38	17 10	0 57	26 0	2 45	12 8	0 59	21 41	0 30	17 24	0 37	17 28	0 8	18 50	4 24	10 51	11 13	0 30	1 2	4 2
F 14	2 35	13 8	0 50	13 27	1 43	16 56	0 53	25 58	2 44	12 12	0 59	21 40	0 30	17 23	0 37	17 27	0 8	18 50	4 24	10 51	11 15	0 28	1 3	4 2
S 15	2 12	10 1	0n16	13 2	1 49	16 42	0 48	25 55	2 43	12 17	0 59	21 40	0 30	17 23	0 37	17 27	0 8	18 51	4 24	10 50	11 16	0 26	1 5	4 2
S 16	1 48	6 31	1 21	12 37	1 54	16 28	0 44	25 53	2 42	12 21	0 58	21 39	0 29	17 22	0 37	17 26	0 8	18 51	4 24	10 51	11 17	0 24	1 6	4 2
M17	1 24	2 47	2 22	12 10	1 58	16 12	0 39	25 51	2 41	12 25	0 58	21 39	0 29	17 21	0 38	17 26	0 8	18 51	4 24	10 52	11 18	0 22	1 8	4 2
T 18	1 1	1s 4	3 16	11 42	2 2	15 57	0 35	25 48	2 39	12 30	0 58	21 38	0 29	17 20	0 38	17 25	0 8	18 51	4 23	10 53	11 19	0 20	1 9	4 2
W19	0 37	4 52	4 2	11 12	2 6	15 41	0 31	25 45	2 38	12 34	0 58	21 38	0 29	17 20	0 38	17 25	0 8	18 51	4 23	10 54	11 20	0 18	1 10	4 2
T 20	0 13	8 29	4 38	10 42	2 9	15 24	0 26	25 43	2 37	12 39	0 58	21 37	0 29	17 19	0 38	17 24	0 8	18 51	4 23	10 56	11 21	0 16	1 12	4 2
F 21	0n11	11 47	5 2	10 10	2 12	15 7	0 22	25 40	2 36	12 43	0 58	21 37	0 29	17 18	0 38	17 24	0 8	18 52	4 23	10 58	11 22	0 14	1 13	4 2
S 22	0 34	14 38	5 12	9 37	2 14	14 50	0 18	25 37	2 35	12 47	0 58	21 36	0 29	17 17	0 38	17 24	0 8	18 52	4 23	10 59	11 23	0 12	1 15	4 2
S 23	0 58	16 53	5 9	9 3	2 16	14 32	0 14	25 34	2 34	12 52	0 57	21 36	0 29	17 17	0 38	17 23	0 8	18 52	4 23	11 1	11 25	0 10	1 16	4 2
M24	1 22	18 23	4 51	8 27	2 18	14 14	0 10	25 31	2 32	12 56	0 57	21 35	0 29	17 16	0 38	17 23	0 8	18 52	4 22	11 1	11 26	0 8	1 18	4 2
T 25	1 45	19 0	4 18	7 51	2 19	13 55	0 6	25 28	2 31	13 1	0 57	21 35	0 29	17 15	0 38	17 22	0 8	18 52	4 22	11 2	11 27	0 6	1 19	4 2
W26	2 9	18 36	3 31	7 13	2 19	13 36	0 2	25 25	2 30	13 5	0 57	21 35	0 29	17 15	0 38	17 22	0 8	18 52	4 22	11 1	11 28	0 4	1 21	4 2
T 27	2 32	17 7	2 31	6 34	2 19	13 17	0s 2	25 22	2 29	13 9	0 57	21 34	0 29	17 14	0 38	17 22	0 8	18 52	4 22	11 1	11 29	0 2	1 22	4 2
F 28	2 56	14 35	1 19	5 54	2 19	12 57	0 6	25 19	2 28	13 14	0 57	21 34	0 29	17 13	0 38	17 21	0 8	18 53	4 22	11 0	11 30	0 0	1 23	4 2
S 29	3 19	11 3	0 1	5 13	2 18	12 36	0 10	25 15	2 27	13 18	0 57	21 33	0 29	17 13	0 38	17 21	0 8	18 53	4 22	11 0	11 31	0s 2	1 25	4 2
S 30	3 43	6 45	1s19	4 31	2 17	12 16	0 14	25 12	2 26	13 23	0 56	21 33	0 29	17 12	0 38	17 20	0 8	18 53	4 22	11 0	11 32	0 4	1 26	4 2
M31	4n 6	1s56	2s35	3s48	2s15	11s55	0s17	25n 8	2n25	13n27	0s56	21s33	0n29	17s11	0s38	17s20	0n 8	18n53	4s21	11n 1	11n34	0s 6	1n28	4n 2

Julian Day Number = 2512234.5, Delta T = 133.45 sec
Ecliptic obliquity = 23°24'56, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°03'44, Lahiri = 26°10'44

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2166
geocentric

APRIL 2166 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 37 50	11♈21'28	16♈22	27♓23	0♓39	13♋52	8♉47	19♊23	14♒ 8	11♒ 0	6♋55	1°R10	29♌40	7♎41	24♓25	T 1
W 2	12 41 47	12°20'48	1♉35	29°11	1°50	14°17	9° 1	19°26	14°10	11° 2	6°55	1♍ 4	29°37	7°48	24°29	W 2
T 3	12 45 43	13°20'05	16°35	1♈ 0	3° 0	14°43	9°14	19°28	14°13	11° 3	6°56	0°58	29°34	7°55	24°32	T 3
F 4	12 49 40	14°19'20	1♊14	2°50	4°11	15° 9	9°28	19°31	14°15	11° 4	6°56	0°52	29°31	8° 1	24°36	F 4
S 5	12 53 37	15°18'33	15°25	4°41	5°21	15°35	9°42	19°33	14°17	11° 6	6°56	0°47	29°27	8° 8	24°39	S 5
S 6	12 57 33	16°17'44	29° 7	6°34	6°32	16° 1	9°55	19°35	14°19	11° 7	6°57	0°43	29°24	8°15	24°43	S 6
M 7	13 1 30	17°16'53	12♋21	8°29	7°42	16°28	10° 9	19°38	14°21	11° 8	6°57	0°D42	29°21	8°21	24°47	M 7
T 8	13 5 26	18°15'59	25° 9	10°24	8°53	16°54	10°23	19°40	14°23	11° 9	6°58	0°42	29°18	8°28	24°50	T 8
W 9	13 9 23	19°15'02	7♌37	12°21	10° 4	17°21	10°37	19°42	14°25	11°10	6°58	0°43	29°15	8°35	24°54	W 9
T 10	13 13 19	20°14'04	19°48	14°20	11°15	17°48	10°51	19°44	14°27	11°11	6°58	0°44	29°12	8°41	24°57	T 10
F 11	13 17 16	21°13'03	1♍48	16°20	12°26	18°15	11° 5	19°45	14°29	11°12	6°59	0°R45	29° 8	8°48	25° 0	F 11
S 12	13 21 12	22°12'00	13°40	18°21	13°37	18°43	11°19	19°47	14°31	11°13	6°59	0°44	29° 5	8°55	25° 4	S 12
S 13	13 25 9	23°10'55	25°29	20°23	14°48	19°10	11°33	19°49	14°32	11°14	7° 0	0°41	29° 2	9° 1	25° 7	S 13
M14	13 29 6	24° 9'47	7♎17	22°26	15°59	19°38	11°47	19°50	14°34	11°15	7° 0	0°35	28°59	9° 8	25°11	M14
T 15	13 33 2	25° 8'38	19° 8	24°30	17°10	20° 6	12° 1	19°52	14°36	11°16	7° 1	0°27	28°56	9°15	25°14	T 15
W16	13 36 59	26° 7'26	1♏ 2	26°36	18°21	20°34	12°15	19°53	14°37	11°17	7° 2	0°17	28°52	9°21	25°17	W16
T 17	13 40 55	27° 6'13	13° 2	28°41	19°32	21° 3	12°29	19°54	14°39	11°18	7° 2	0° 7	28°49	9°28	25°21	T 17
F 18	13 44 52	28° 4'57	25° 9	0♉48	20°43	21°31	12°43	19°55	14°41	11°19	7° 3	29♌56	28°46	9°35	25°24	F 18
S 19	13 48 48	29° 3'40	7♐24	2°55	21°54	22° 0	12°57	19°56	14°42	11°20	7° 3	29°46	28°43	9°41	25°27	S 19
S 20	13 52 45	0♉ 2'21	19°49	5° 2	23° 6	22°29	13°11	19°57	14°44	11°21	7° 4	29°37	28°40	9°48	25°31	S 20
M21	13 56 41	1° 1'01	2♑26	7° 8	24°17	22°57	13°25	19°58	14°45	11°21	7° 5	29°31	28°37	9°55	25°34	M21
T 22	14 0 38	1°59'39	15°18	9°15	25°28	23°27	13°39	19°59	14°46	11°22	7° 6	29°28	28°33	10° 1	25°37	T 22
W23	14 4 35	2°58'15	28°27	11°20	26°40	23°56	13°53	20° 0	14°48	11°23	7° 6	29°D26	28°30	10° 8	25°40	W23
T 24	14 8 31	3°56'49	11♒56	13°25	27°51	24°25	14° 8	20° 0	14°49	11°23	7° 7	29°26	28°27	10°15	25°43	T 24
F 25	14 12 28	4°55'22	25°47	15°28	29° 3	24°55	14°22	20° 1	14°50	11°24	7° 8	29°R27	28°24	10°21	25°46	F 25
S 26	14 16 24	5°53'53	10♓ 1	17°29	0♈14	25°24	14°36	20° 1	14°51	11°25	7° 9	29°27	28°21	10°28	25°49	S 26
S 27	14 20 21	6°52'23	24°38	19°29	1°26	25°54	14°50	20° 1	14°53	11°25	7° 9	29°24	28°17	10°35	25°52	S 27
M28	14 24 17	7°50'51	9♈33	21°26	2°37	26°24	15° 5	20° 1	14°54	11°26	7°10	29°20	28°14	10°42	25°55	M28
T 29	14 28 14	8°49'17	24°40	23°20	3°49	26°54	15°19	20°R 1	14°55	11°26	7°11	29°12	28°11	10°48	25°58	T 29
W30	14 32 10	9♉47'41	9♉48	25♉12	5♈ 1	27♋24	15♉33	20♊ 1	14♒56	11♒27	7♋12	29♌ 3	28♌ 8	10♎55	26♓ 1	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	4n29	3n 2	3s40	3s 4	2s13	11s34	0s21	25n 5	2n24	13n32	0s56	21s32	0n29	17s11	0s38	17s20	0n 8	18n53	4s21	11n 3	11n35	0s 8	1n29	4n 2	
W 2	4 52	7 47	4 30	2 19	2 10	11 12	0 25	25 1	2 23	13 36	0 56	21 32	0 29	17 10	0 38	17 19	0 8	18 53	4 21	11 5	11 36	0 10	1 31	4 2	
T 3	5 16	11 59	5 0	1 33	2 7	10 50	0 28	24 57	2 22	13 40	0 56	21 32	0 29	17 9	0 38	17 19	0 8	18 53	4 21	11 7	11 37	0 12	1 32	4 2	
F 4	5 38	15 20	5 10	0 46	2 3	10 28	0 32	24 53	2 20	13 45	0 56	21 31	0 29	17 9	0 38	17 19	0 8	18 54	4 21	11 9	11 38	0 14	1 33	4 2	
S 5	6 1	17 39	5 0	0n 3	1 59	10 5	0 35	24 49	2 19	13 49	0 56	21 31	0 29	17 8	0 38	17 18	0 8	18 54	4 21	11 11	11 39	0 16	1 35	4 2	
S 6	6 24	18 52	4 33	0 52	1 54	9 42	0 38	24 45	2 18	13 54	0 56	21 31	0 29	17 8	0 38	17 18	0 8	18 54	4 20	11 12	11 40	0 18	1 36	4 2	
M 7	6 47	19 0	3 52	1 41	1 49	9 19	0 42	24 40	2 17	13 58	0 55	21 30	0 29	17 7	0 38	17 18	0 8	18 54	4 20	11 13	11 41	0 20	1 38	4 2	
T 8	7 9	18 7	3 0	2 32	1 43	8 55	0 45	24 36	2 16	14 3	0 55	21 30	0 29	17 6	0 38	17 17	0 8	18 54	4 20	11 13	11 42	0 22	1 39	4 2	
W 9	7 32	16 23	2 2	3 24	1 37	8 32	0 48	24 32	2 15	14 7	0 55	21 30	0 29	17 6	0 38	17 17	0 8	18 54	4 20	11 13	11 44	0 24	1 41	4 2	
T 10	7 54	13 56	0 59	4 16	1 30	8 8	0 51	24 27	2 14	14 11	0 55	21 30	0 29	17 5	0 38	17 17	0 8	18 54	4 20	11 12	11 45	0 26	1 42	4 2	
F 11	8 16	10 55	0n 6	5 8	1 23	7 43	0 54	24 22	2 13	14 16	0 55	21 29	0 29	17 5	0 38	17 16	0 8	18 55	4 20	11 12	11 46	0 28	1 43	4 2	
S 12	8 38	7 29	1 9	6 2	1 15	7 19	0 57	24 18	2 12	14 20	0 55	21 29	0 29	17 4	0 38	17 16	0 8	18 55	4 20	11 12	11 47	0 30	1 45	4 2	
S 13	9 0	3 46	2 9	6 55	1 7	6 54	1 0	24 13	2 11	14 25	0 55	21 29	0 29	17 4	0 38	17 16	0 8	18 55	4 19	11 13	11 48	0 32	1 46	4 2	
M14	9 22	0s 5	3 3	7 49	0 58	6 29	1 2	24 8	2 10	14 29	0 55	21 29	0 29	17 3	0 38	17 16	0 8	18 55	4 19	11 15	11 49	0 34	1 48	4 2	
T 15	9 43	3 56	3 50	8 44	0 49	6 4	1 5	24 3	2 9	14 33	0 55	21 29	0 29	17 3	0 38	17 15	0 8	18 55	4 19	11 18	11 50	0 36	1 49	4 2	
W16	10 5	7 40	4 26	9 38	0 40	5 38	1 8	23 57	2 8	14 38	0 55	21 28	0 29	17 3	0 38	17 15	0 8	18 55	4 19	11 22	11 51	0 38	1 50	4 2	
T 17	10 26	11 6	4 51	10 32	0 30	5 13	1 10	23 52	2 7	14 42	0 54	21 28	0 29	17 2	0 38	17 15	0 8	18 55	4 19	11 25	11 52	0 40	1 52	4 2	
F 18	10 47	14 7	5 3	11 26	0 20	4 47	1 12	23 47	2 7	14 47	0 54	21 28	0 29	17 2	0 39	17 15	0 8	18 55	4 19	11 29	11 53	0 42	1 53	4 2	
S 19	11 8	16 34	5 2	12 20	0 9	4 21	1 15	23 41	2 6	14 51	0 54	21 28	0 28	17 1	0 39	17 14	0 8	18 55	4 19	11 33	11 55	0 44	1 54	4 2	
S 20	11 28	18 16	4 46	13 13	0n 2	3 55	1 17	23 36	2 5	14 55	0 54	21 28	0 28	17 1	0 39	17 14	0 8	18 56	4 18	11 36	11 56	0 46	1 56	4 3	
M21	11 49	19 8	4 16	14 5	0 12	3 29	1 19	23 30	2 4	15 0	0 54	21 28	0 28	17 1	0 39	17 14	0 8	18 56	4 18	11 38	11 57	0 48	1 57	4 3	
T 22	12 9	19 1	3 33	14 56	0 23	3 2	1 21	23 24	2 3	15 4	0 54	21 28	0 28	17 0	0 39	17 14	0 8	18 56	4 18	11 39	11 58	0 50	1 58	4 3	
W23	12 29	17 53	2 37	15 46	0 34	2 36	1 23	23 18	2 2	15 8	0 54	21 28	0 28	17 0	0 39	17 14	0 8	18 56	4 18	11 39	11 59	0 52	2 0	4 3	
T 24	12 49	15 43	1 32	16 34	0 45	2 9	1 25	23 12	2 1	15 12	0 54	21 28	0 28	16 59	0 39	17 13	0 8	18 56	4 18	11 39	12 0	0 54	2 1	4 3	
F 25	13 9	12 36	0 20	17 21	0 56	1 43	1 27	23 6	2 0	15 17	0 54	21 28	0 28	16 59	0 39	17 13	0 8	18 56	4 18	11 39	12 1	0 56	2 2	4 3	
S 26	13 28	8 40	0s56	18 6	1 6	1 16	1 29	22 59	1 59	15 21	0 54	21 28	0 28	16 59	0 39	17 13	0 8	18 56	4 18	11 39	12 2	0 58	2 4	4 3	
S 27	13 48	4 7	2 10	18 48	1 16	0 49	1 31	22 53	1 58	15 25	0 54	21 28	0 28	16 59	0 39	17 13	0 8	18 56	4 17	11 40	12 3	1 0	2 5	4 3	
M28	14 7	0n46	3 16	19 29	1 26	0 22	1 32	22 46	1 57	15 29	0 53	21 28	0 28	16 58	0 39	17 13	0 8	18 56	4 17	11 42	12 4	1 2	2 6	4 3	
T 29	14 26	5 40	4 10	20 8	1 35	0n 5	1 34	22 40	1 56	15 34	0 53	21 28	0 28	16 58	0 39	17 13	0 8	18 57	4 17	11 44	12 6	1 4	2 7	4 3	
W30	14n44	10n13	4s45	20n44	1n44	0n32	1s35	22n33	1n55	15n38	0s53	21s28	0n28	16s58	0s39	17s13	0n 8	18n57	4s17	11n48	12n 7	1s 6	2n 9	4n 3	

Julian Day Number = 2512265.5, Delta T = 133.51 sec
Ecliptic obliquity = 23°24'56, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°03'48, Lahiri = 26°10'49

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2166
geocentric

MAY 2166 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 36 7	10♉46'04	24♉48	27♉ 0	6♈12	27♋55	15♉47	20°R 1	14♒57	11♒27	7♋13	28°R52	28♌ 5	11♎ 2	26♓ 4	T 1
F 2	14 40 3	11°44'25	9♊31	28°46	7°24	28°25	16° 2	20♏ 1	14°58	11°28	7°14	28♌42	28° 2	11° 8	26° 7	F 2
S 3	14 44 0	12°42'44	23°48	0♊27	8°36	28°56	16°16	20° 1	14°58	11°28	7°15	28°33	27°58	11°15	26°10	S 3
S 4	14 47 57	13°41'01	7♋37	2° 5	9°48	29°26	16°30	20° 0	14°59	11°28	7°16	28°26	27°55	11°22	26°13	S 4
M 5	14 51 53	14°39'16	20°57	3°39	10°59	29°57	16°45	20° 0	15° 0	11°29	7°16	28°22	27°52	11°28	26°15	M 5
T 6	14 55 50	15°37'29	3♌49	5°10	12°11	0♌28	16°59	19°59	15° 1	11°29	7°17	28°20	27°49	11°35	26°18	T 6
W 7	14 59 46	16°35'40	16°19	6°36	13°23	0°59	17°13	19°58	15° 1	11°29	7°18	28°D19	27°46	11°42	26°21	W 7
T 8	15 3 43	17°33'49	28°30	7°58	14°35	1°30	17°28	19°57	15° 2	11°29	7°19	28°R20	27°43	11°48	26°24	T 8
F 9	15 7 39	18°31'56	10♍29	9°16	15°47	2° 2	17°42	19°57	15° 2	11°30	7°20	28°19	27°39	11°55	26°26	F 9
S 10	15 11 36	19°30'01	22°19	10°30	16°59	2°33	17°56	19°56	15° 3	11°30	7°22	28°17	27°36	12° 2	26°29	S 10
S 11	15 15 32	20°28'04	4♎ 8	11°39	18°11	3° 5	18°10	19°54	15° 3	11°30	7°23	28°13	27°33	12° 8	26°31	S 11
M12	15 19 29	21°26'05	15°57	12°44	19°22	3°36	18°25	19°53	15° 4	11°30	7°24	28° 5	27°30	12°15	26°34	M12
T 13	15 23 26	22°24'05	27°51	13°45	20°34	4° 8	18°39	19°52	15° 4	11°30	7°25	27°56	27°27	12°22	26°36	T 13
W14	15 27 22	23°22'03	9♏52	14°41	21°46	4°40	18°53	19°51	15° 4	11°R30	7°26	27°43	27°23	12°28	26°39	W14
T 15	15 31 19	24°19'59	22° 2	15°32	22°58	5°12	19° 8	19°49	15° 5	11°30	7°27	27°30	27°20	12°35	26°41	T 15
F 16	15 35 15	25°17'54	4♐21	16°19	24°10	5°44	19°22	19°47	15° 5	11°30	7°28	27°16	27°17	12°42	26°43	F 16
S 17	15 39 12	26°15'47	16°50	17° 1	25°22	6°16	19°36	19°46	15° 5	11°30	7°29	27° 4	27°14	12°48	26°46	S 17
S 18	15 43 8	27°13'39	29°30	17°38	26°35	6°48	19°50	19°44	15° 5	11°30	7°30	26°53	27°11	12°55	26°48	S 18
M19	15 47 5	28°11'30	12♑20	18°11	27°47	7°20	20° 4	19°42	15° 5	11°29	7°32	26°45	27° 8	13° 2	26°50	M19
T 20	15 51 1	29° 9'19	25°23	18°38	28°59	7°52	20°19	19°40	15°R 5	11°29	7°33	26°40	27° 4	13° 9	26°52	T 20
W21	15 54 58	0♊ 7'07	8♒39	19° 1	0♉11	8°25	20°33	19°38	15° 5	11°29	7°34	26°38	27° 1	13°15	26°54	W21
T 22	15 58 55	1° 4'54	22° 9	19°19	1°23	8°57	20°47	19°36	15° 5	11°29	7°35	26°37	26°58	13°22	26°56	T 22
F 23	16 2 51	2° 2'40	5♓56	19°32	2°35	9°30	21° 1	19°34	15° 5	11°28	7°36	26°37	26°55	13°29	26°58	F 23
S 24	16 6 48	3° 0'25	20° 0	19°40	3°47	10° 3	21°15	19°32	15° 5	11°28	7°38	26°36	26°52	13°35	27° 0	S 24
S 25	16 10 44	3°58'09	4♈20	19°R43	5° 0	10°35	21°29	19°29	15° 5	11°28	7°39	26°34	26°49	13°42	27° 2	S 25
M26	16 14 41	4°55'51	18°56	19°42	6°12	11° 8	21°44	19°27	15° 4	11°27	7°40	26°29	26°45	13°49	27° 4	M26
T 27	16 18 37	5°53'33	3♉42	19°36	7°24	11°41	21°58	19°24	15° 4	11°27	7°41	26°21	26°42	13°55	27° 6	T 27
W28	16 22 34	6°51'14	18°31	19°25	8°36	12°14	22°12	19°22	15° 4	11°27	7°43	26°12	26°39	14° 2	27° 8	W28
T 29	16 26 30	7°48'53	3♊15	19°11	9°49	12°47	22°26	19°19	15° 3	11°26	7°44	26° 1	26°36	14° 9	27° 9	T 29
F 30	16 30 27	8°46'32	17°45	18°53	11° 1	13°21	22°40	19°16	15° 3	11°26	7°45	25°50	26°33	14°15	27°11	F 30
S 31	16 34 24	9♊44'09	1♋56	18♊31	12♉13	13♌54	22♉54	19♏14	15♒ 2	11♒25	7♋47	25♌40	26♌29	14♎22	27♓13	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15n 2	14n 4	5s 1	21n18	1n53	0n59	1s36	22n26	1n55	15n42	0s53	21s28	0n28	16s57	0s39	17s12	0n 7	18n57	4s17	11n51	12n 8	1s 8	2n10	4n 3
F 2	15 20	16 58	4 57	21 49	2 0	1 26	1 38	22 19	1 54	15 46	0 53	21 28	0 28	16 57	0 39	17 12	0 7	18 57	4 17	11 55	12 9	1 10	2 11	4 3
S 3	15 38	18 43	4 34	22 18	2 7	1 53	1 39	22 12	1 53	15 50	0 53	21 28	0 28	16 57	0 39	17 12	0 7	18 57	4 17	11 58	12 10	1 12	2 12	4 4
S 4	15 56	19 17	3 55	22 44	2 13	2 21	1 40	22 4	1 52	15 55	0 53	21 28	0 28	16 57	0 39	17 12	0 7	18 57	4 16	12 0	12 11	1 14	2 13	4 4
M 5	16 13	18 45	3 5	23 8	2 19	2 48	1 41	21 57	1 51	15 59	0 53	21 28	0 28	16 57	0 39	17 12	0 7	18 57	4 16	12 2	12 12	1 16	2 15	4 4
T 6	16 30	17 14	2 6	23 29	2 23	3 15	1 42	21 49	1 50	16 3	0 53	21 28	0 28	16 56	0 39	17 12	0 7	18 57	4 16	12 3	12 13	1 18	2 16	4 4
W 7	16 47	14 55	1 3	23 48	2 27	3 42	1 43	21 42	1 49	16 7	0 53	21 28	0 28	16 56	0 39	17 12	0 7	18 57	4 16	12 3	12 14	1 20	2 17	4 4
T 8	17 3	12 0	0n 1	24 5	2 30	4 9	1 43	21 34	1 49	16 11	0 53	21 28	0 28	16 56	0 39	17 12	0 7	18 57	4 16	12 3	12 15	1 22	2 18	4 4
F 9	17 19	8 37	1 4	24 19	2 31	4 36	1 44	21 26	1 48	16 15	0 53	21 29	0 28	16 56	0 39	17 12	0 7	18 57	4 16	12 3	12 17	1 24	2 19	4 4
S 10	17 35	4 56	2 4	24 31	2 32	5 3	1 45	21 18	1 47	16 19	0 53	21 29	0 28	16 56	0 39	17 12	0 7	18 57	4 16	12 4	12 18	1 26	2 20	4 4
S 11	17 51	1 5	2 57	24 41	2 32	5 30	1 45	21 10	1 46	16 23	0 53	21 29	0 28	16 56	0 39	17 12	0 7	18 57	4 16	12 5	12 19	1 28	2 21	4 4
M12	18 6	2s50	3 44	24 48	2 31	5 57	1 46	21 2	1 45	16 27	0 53	21 29	0 28	16 56	0 39	17 12	0 7	18 58	4 15	12 8	12 20	1 30	2 23	4 5
T 13	18 21	6 39	4 20	24 54	2 29	6 23	1 46	20 54	1 44	16 31	0 52	21 29	0 28	16 56	0 39	17 12	0 7	18 58	4 15	12 11	12 21	1 32	2 24	4 5
W14	18 36	10 14	4 46	24 58	2 26	6 50	1 46	20 45	1 44	16 35	0 52	21 30	0 28	16 56	0 39	17 12	0 7	18 58	4 15	12 15	12 22	1 34	2 25	4 5
T 15	18 50	13 27	4 59	24 59	2 22	7 16	1 46	20 37	1 43	16 39	0 52	21 30	0 28	16 56	0 40	17 12	0 7	18 58	4 15	12 20	12 23	1 36	2 26	4 5
F 16	19 4	16 7	4 58	24 59	2 17	7 43	1 47	20 28	1 42	16 43	0 52	21 30	0 28	16 56	0 40	17 12	0 7	18 58	4 15	12 24	12 24	1 38	2 27	4 5
S 17	19 18	18 5	4 43	24 58	2 11	8 9	1 47	20 19	1 41	16 47	0 52	21 31	0 27	16 56	0 40	17 12	0 7	18 58	4 15	12 29	12 25	1 40	2 28	4 5
S 18	19 31	19 11	4 13	24 54	2 4	8 35	1 46	20 10	1 40	16 50	0 52	21 31	0 27	16 56	0 40	17 12	0 7	18 58	4 15	12 32	12 26	1 42	2 29	4 5
M19	19 44	19 20	3 31	24 49	1 56	9 1	1 46	20 1	1 40	16 54	0 52	21 31	0 27	16 56	0 40	17 12	0 7	18 58	4 15	12 35	12 27	1 44	2 30	4 5
T 20	19 57	18 28	2 37	24 42	1 47	9 27	1 46	19 52	1 39	16 58	0 52	21 31	0 27	16 56	0 40	17 12	0 7	18 58	4 14	12 37	12 28	1 46	2 31	4 6
W21	20 9	16 35	1 34	24 34	1 37	9 52	1 46	19 43	1 38	17 2	0 52	21 32	0 27	16 56	0 40	17 12	0 7	18 58	4 14	12 38	12 30	1 48	2 32	4 6
T 22	20 21	13 44	0 24	24 25	1 26	10 18	1 45	19 34	1 37	17 6	0 52	21 32	0 27	16 56	0 40	17 12	0 7	18 58	4 14	12 38	12 31	1 50	2 33	4 6
F 23	20 33	10 5	0s49	24 14	1 14	10 43	1 45	19 24	1 36	17 9	0 52	21 32	0 27	16 56	0 40	17 12	0 7	18 58	4 14	12 38	12 32	1 52	2 34	4 6
S 24	20 44	5 48	2 0	24 1	1 1	11 8	1 45	19 15	1 36	17 13	0 52	21 33	0 27	16 56	0 40	17 12	0 7	18 58	4 14	12 38	12 33	1 54	2 35	4 6
S 25	20 55	1 7	3 5	23 48	0 47	11 32	1 44	19 5	1 35	17 17	0 52	21 33	0 27	16 56	0 40	17 12	0 7	18 58	4 14	12 39	12 34	1 56	2 35	4 6
M26	21 6	3n43	3 59	23 33	0 32	11 57	1 43	18 55	1 34	17 21	0 52	21 34	0 27	16 56	0 40	17 13	0 7	18 58	4 14	12 41	12 35	1 58	2 36	4 6
T 27	21 16	8 22	4 38	23 17	0 17	12 21	1 43	18 45	1 33	17 24	0 52	21 34	0 27	16 56	0 40	17 13	0 7	18 58	4 14	12 43	12 36	2 0	2 37	4 7
W28	21 26	12 32	4 58	23 0	0 1	12 45	1 42	18 35	1 33	17 28	0 52	21 34	0 27	16 56	0 40	17 13	0 7	18 58	4 14	12 46	12 37	2 2	2 38	4 7
T 29	21 35	15 54	4 59	22 43	0s16	13 9	1 41	18 25	1 32	17 31	0 52	21 35	0 27	16 57	0 40	17 13	0 7	18 58	4 13	12 50	12 38	2 4	2 39	4 7
F 30	21 45	18 13	4 40	22 24	0 33	13 32	1 40	18 15	1 31	17 35	0 52	21 35	0 27	16 57	0 40	17 13	0 7	18 58	4 13	12 54	12 39	2 6	2 40	4 7
S 31	21n53	19n21	4s 3	22n 5	0s50	13n55	1s39	18n 5	1n30	17n39	0s52	21s36	0n27	16s57	0s40	17s13	0n 7	18n58	4s13	12n57	12n40	2s 8	2n40	4n 7

Julian Day Number = 2512295.5, Delta T = 133.58 sec
Ecliptic obliquity = 23°24'56, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°03'52, Lahiri = 26°10'53

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2166
geocentric

JUNE 2166 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 38 20	10♊41'45	15♋43	18°R 6	13♉26	14♌27	23♉ 8	19°R11	15°R 2	11°R25	7♋48	25°R32	26♌26	14♎29	27♓14	S 1
M 2	16 42 17	11°39'20	29° 2	17♊38	14°38	15° 1	23°21	19♂ 8	15♒ 1	11♒24	7°49	25♌27	26°23	14°35	27°16	M 2
T 3	16 46 13	12°36'53	11♌57	17° 8	15°51	15°34	23°35	19° 5	15° 0	11°23	7°51	25°25	26°20	14°42	27°17	T 3
W 4	16 50 10	13°34'25	24°29	16°36	17° 3	16° 8	23°49	19° 2	15° 0	11°23	7°52	25°D24	26°17	14°49	27°19	W 4
T 5	16 54 6	14°31'56	6♍42	16° 4	18°15	16°42	24° 3	18°58	14°59	11°22	7°53	25°24	26°14	14°56	27°20	T 5
F 6	16 58 3	15°29'25	18°43	15°30	19°28	17°15	24°17	18°55	14°58	11°21	7°55	25°R25	26°10	15° 2	27°22	F 6
S 7	17 1 59	16°26'53	0♎35	14°57	20°40	17°49	24°30	18°52	14°57	11°21	7°56	25°24	26° 7	15° 9	27°23	S 7
S 8	17 5 56	17°24'20	12°25	14°24	21°53	18°23	24°44	18°48	14°56	11°20	7°58	25°21	26° 4	15°16	27°24	S 8
M 9	17 9 53	18°21'45	24°17	13°52	23° 5	18°57	24°58	18°45	14°55	11°19	7°59	25°15	26° 1	15°22	27°25	M 9
T 10	17 13 49	19°19'10	6♏15	13°21	24°18	19°31	25°11	18°41	14°54	11°18	8° 0	25° 8	25°58	15°29	27°26	T 10
W11	17 17 46	20°16'33	18°23	12°53	25°30	20° 5	25°25	18°38	14°53	11°17	8° 2	24°58	25°55	15°36	27°27	W11
T 12	17 21 42	21°13'56	0♐42	12°28	26°43	20°39	25°39	18°34	14°52	11°16	8° 3	24°47	25°51	15°42	27°28	T 12
F 13	17 25 39	22°11'18	13°15	12° 6	27°55	21°13	25°52	18°31	14°51	11°16	8° 5	24°36	25°48	15°49	27°29	F 13
S 14	17 29 35	23° 8'39	26° 0	11°47	29° 8	21°48	26° 6	18°27	14°50	11°15	8° 6	24°26	25°45	15°56	27°30	S 14
S 15	17 33 32	24° 5'59	8♑59	11°31	0♊20	22°22	26°19	18°23	14°49	11°14	8° 7	24°17	25°42	16° 2	27°31	S 15
M16	17 37 29	25° 3'18	22°10	11°20	1°33	22°56	26°32	18°19	14°47	11°13	8° 9	24°11	25°39	16° 9	27°32	M16
T 17	17 41 25	26° 0'37	5♒32	11°13	2°46	23°31	26°46	18°15	14°46	11°12	8°10	24° 7	25°35	16°16	27°33	T 17
W18	17 45 22	26°57'56	19° 5	11°D10	3°58	24° 5	26°59	18°11	14°45	11°11	8°12	24°D 5	25°32	16°23	27°33	W18
T 19	17 49 18	27°55'14	2♓48	11°12	5°11	24°40	27°12	18° 7	14°43	11°10	8°13	24° 6	25°29	16°29	27°34	T 19
F 20	17 53 15	28°52'31	16°41	11°18	6°24	25°15	27°25	18° 3	14°42	11° 9	8°15	24° 6	25°26	16°36	27°35	F 20
S 21	17 57 11	29°49'49	0♈44	11°29	7°36	25°49	27°38	17°59	14°41	11° 7	8°16	24°R 7	25°23	16°43	27°35	S 21
S 22	18 1 8	0♋47'06	14°56	11°45	8°49	26°24	27°51	17°55	14°39	11° 6	8°18	24° 6	25°20	16°49	27°36	S 22
M23	18 5 4	1°44'23	29°16	12° 5	10° 2	26°59	28° 4	17°51	14°38	11° 5	8°19	24° 3	25°16	16°56	27°36	M23
T 24	18 9 1	2°41'40	13♉39	12°30	11°15	27°34	28°17	17°47	14°36	11° 4	8°21	23°58	25°13	17° 3	27°37	T 24
W25	18 12 58	3°38'56	28° 3	12°59	12°27	28° 9	28°30	17°43	14°35	11° 3	8°22	23°52	25°10	17° 9	27°37	W25
T 26	18 16 54	4°36'13	12♊21	13°33	13°40	28°44	28°43	17°38	14°33	11° 2	8°24	23°44	25° 7	17°16	27°37	T 26
F 27	18 20 51	5°33'29	26°28	14°12	14°53	29°19	28°56	17°34	14°31	11° 0	8°25	23°36	25° 4	17°23	27°37	F 27
S 28	18 24 47	6°30'45	10♋20	14°54	16° 6	29°54	29° 9	17°30	14°30	10°59	8°26	23°30	25° 1	17°29	27°38	S 28
S 29	18 28 44	7°28'01	23°53	15°42	17°19	0♍30	29°21	17°26	14°28	10°58	8°28	23°24	24°57	17°36	27°38	S 29
M30	18 32 40	8♋25'16	7♌ 4	16♊33	18♊32	1♍ 5	29♉34	17♂21	14♒26	10♒57	8♋29	23♌21	24♌54	17♎43	27°R38	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n 2	19n17	3s14	21n45	1s 8	14n18	1s38	17n54	1n30	17n42	0s52	21s36	0n27	16s57	0s40	17s13	0n 7	18n58	4s13	13n 0	12n41	2s10	2n41	4n 7
M 2	22 10	18 8	2 15	21 25	1 25	14 40	1 37	17 44	1 29	17 46	0 52	21 37	0 27	16 57	0 40	17 14	0 7	18 58	4 13	13 1	12 43	2 12	2 42	4 8
T 3	22 17	16 3	1 11	21 5	1 43	15 2	1 35	17 33	1 28	17 49	0 52	21 37	0 27	16 58	0 40	17 14	0 7	18 58	4 13	13 2	12 44	2 14	2 43	4 8
W 4	22 24	13 16	0 5	20 45	2 0	15 24	1 34	17 22	1 27	17 52	0 52	21 38	0 27	16 58	0 40	17 14	0 7	18 58	4 13	13 2	12 45	2 16	2 43	4 8
T 5	22 31	9 58	1n 0	20 25	2 17	15 46	1 33	17 12	1 27	17 56	0 52	21 38	0 27	16 58	0 40	17 14	0 7	18 58	4 13	13 2	12 46	2 18	2 44	4 8
F 6	22 38	6 19	2 1	20 6	2 33	16 7	1 31	17 1	1 26	17 59	0 52	21 39	0 26	16 58	0 40	17 14	0 7	18 58	4 13	13 2	12 47	2 20	2 45	4 8
S 7	22 44	2 27	2 56	19 47	2 48	16 27	1 30	16 50	1 25	18 3	0 52	21 39	0 26	16 59	0 40	17 15	0 7	18 58	4 13	13 3	12 48	2 22	2 46	4 8
S 8	22 49	1s29	3 43	19 29	3 2	16 48	1 29	16 38	1 24	18 6	0 52	21 40	0 26	16 59	0 40	17 15	0 7	18 59	4 13	13 4	12 49	2 24	2 46	4 9
M 9	22 54	5 22	4 20	19 12	3 16	17 7	1 27	16 27	1 24	18 9	0 52	21 40	0 26	16 59	0 40	17 15	0 7	18 59	4 12	13 5	12 50	2 26	2 47	4 9
T 10	22 59	9 4	4 47	18 56	3 28	17 27	1 25	16 16	1 23	18 12	0 52	21 41	0 26	17 0	0 40	17 15	0 7	18 59	4 12	13 8	12 51	2 28	2 47	4 9
W11	23 4	12 27	5 1	18 42	3 39	17 46	1 24	16 4	1 22	18 16	0 52	21 41	0 26	17 0	0 41	17 15	0 7	18 59	4 12	13 11	12 52	2 30	2 48	4 9
T 12	23 8	15 22	5 1	18 29	3 49	18 4	1 22	15 53	1 21	18 19	0 52	21 42	0 26	17 0	0 41	17 16	0 7	18 59	4 12	13 15	12 53	2 32	2 49	4 9
F 13	23 11	17 37	4 47	18 18	3 57	18 22	1 20	15 41	1 21	18 22	0 52	21 42	0 26	17 1	0 41	17 16	0 7	18 59	4 12	13 19	12 54	2 34	2 49	4 9
S 14	23 14	19 2	4 19	18 8	4 5	18 40	1 18	15 29	1 20	18 25	0 52	21 43	0 26	17 1	0 41	17 16	0 7	18 59	4 12	13 22	12 55	2 36	2 50	4 10
S 15	23 17	19 31	3 37	18 0	4 10	18 57	1 16	15 18	1 19	18 28	0 52	21 44	0 26	17 1	0 41	17 17	0 7	18 58	4 12	13 25	12 57	2 38	2 50	4 10
M16	23 19	18 56	2 42	17 54	4 15	19 14	1 15	15 6	1 19	18 31	0 52	21 44	0 26	17 2	0 41	17 17	0 7	18 58	4 12	13 27	12 58	2 41	2 51	4 10
T 17	23 21	17 17	1 38	17 50	4 18	19 30	1 13	14 54	1 18	18 35	0 52	21 45	0 26	17 2	0 41	17 17	0 7	18 58	4 12	13 28	12 59	2 43	2 51	4 10
W18	23 23	14 40	0 27	17 48	4 20	19 46	1 11	14 41	1 17	18 38	0 52	21 45	0 26	17 3	0 41	17 17	0 7	18 58	4 12	13 29	13 0	2 45	2 51	4 10
T 19	23 24	11 11	0s47	17 47	4 21	20 1	1 9	14 29	1 16	18 41	0 52	21 46	0 26	17 3	0 41	17 18	0 7	18 58	4 12	13 29	13 1	2 47	2 52	4 10
F 20	23 25	7 4	1 58	17 49	4 20	20 16	1 6	14 17	1 16	18 44	0 52	21 47	0 26	17 3	0 41	17 18	0 7	18 58	4 12	13 28	13 2	2 49	2 52	4 11
S 21	23 25	2 31	3 4	17 52	4 19	20 30	1 4	14 5	1 15	18 47	0 52	21 47	0 25	17 4	0 41	17 18	0 7	18 58	4 12	13 28	13 3	2 51	2 53	4 11
S 22	23 25	2n13	3 58	17 56	4 16	20 43	1 2	13 52	1 14	18 49	0 52	21 48	0 25	17 4	0 41	17 19	0 7	18 58	4 11	13 29	13 4	2 53	2 53	4 11
M23	23 24	6 51	4 39	18 3	4 12	20 56	1 0	13 39	1 14	18 52	0 52	21 48	0 25	17 5	0 41	17 19	0 7	18 58	4 11	13 29	13 5	2 55	2 53	4 11
T 24	23 23	11 7	5 2	18 11	4 8	21 9	0 58	13 27	1 13	18 55	0 52	21 49	0 25	17 5	0 41	17 19	0 7	18 58	4 11	13 31	13 6	2 57	2 54	4 11
W25	23 22	14 44	5 6	18 20	4 2	21 21	0 56	13 14	1 12	18 58	0 52	21 50	0 25	17 6	0 41	17 20	0 7	18 58	4 11	13 33	13 7	2 59	2 54	4 11
T 26	23 20	17 27	4 51	18 30	3 56	21 32	0 53	13 1	1 12	19 1	0 52	21 50	0 25	17 6	0 41	17 20	0 7	18 58	4 11	13 36	13 8	3 1	2 54	4 12
F 27	23 18	19 4	4 18	18 42	3 48	21 43	0 51	12 48	1 11	19 4	0 52	21 51	0 25	17 7	0 41	17 20	0 7	18 58	4 11	13 38	13 9	3 3	2 54	4 12
S 28	23 15	19 31	3 31	18 55	3 40	21 53	0 49	12 35	1 10	19 6	0 52	21 52	0 25	17 7	0 41	17 21	0 7	18 58	4 11	13 40	13 10	3 5	2 55	4 12
S 29	23 12	18 48	2 32	19 8	3 32	22 3	0 46	12 22	1 9	19 9	0 52	21 52	0 25	17 8	0 41	17 21	0 7	18 58	4 11	13 42	13 11	3 7	2 55	4 12
M30	23n 9	17n 5	1s27	19n23	3s22	22n12	0s44	12n 9	1n 9	19n12	0s52	21s53	0n25	17s 8	0s41	17s21	0n 7	18n58	4s11	13n43	13n12	3s 9	2n55	4n12

Julian Day Number = 2512326.5, Delta T = 133.64 sec
Ecliptic obliquity = 23°24'55, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°03'57, Lahiri = 26°10'57

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2166
geocentric

JULY 2166 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 36 37	9♋22'30	19♌53	17♊28	19♊45	1♍40	29♉46	17°R17	14°R24	10°R55	8♋31	23°D20	24♌51	17♎50	27°R38	T 1
W 2	18 40 33	10°19'45	2♍24	18°28	20°58	2°16	29°59	17♏12	14♒22	10♒54	8°32	23♌20	24°48	17°56	27♓38	W 2
T 3	18 44 30	11°16'59	14°38	19°32	22°10	2°51	0♊11	17° 8	14°21	10°53	8°34	23°21	24°45	18° 3	27°38	T 3
F 4	18 48 27	12°14'12	26°39	20°40	23°23	3°27	0°23	17° 4	14°19	10°51	8°35	23°23	24°41	18°10	27°37	F 4
S 5	18 52 23	13°11'25	8♎33	21°51	24°36	4° 2	0°36	16°59	14°17	10°50	8°37	23°R24	24°38	18°16	27°37	S 5
S 6	18 56 20	14° 8'38	20°25	23° 7	25°49	4°38	0°48	16°55	14°15	10°48	8°38	23°24	24°35	18°23	27°37	S 6
M 7	19 0 16	15° 5'50	2♏19	24°27	27° 2	5°13	1° 0	16°50	14°13	10°47	8°40	23°22	24°32	18°30	27°37	M 7
T 8	19 4 13	16° 3'02	14°20	25°50	28°16	5°49	1°12	16°46	14°11	10°46	8°41	23°19	24°29	18°36	27°36	T 8
W 9	19 8 9	17° 0'14	26°32	27°17	29°29	6°25	1°24	16°42	14° 9	10°44	8°43	23°15	24°26	18°43	27°36	W 9
T 10	19 12 6	17°57'26	8♐58	28°48	0♋42	7° 1	1°36	16°37	14° 7	10°43	8°44	23° 9	24°22	18°50	27°35	T 10
F 11	19 16 2	18°54'38	21°41	0♋23	1°55	7°37	1°48	16°33	14° 5	10°41	8°46	23° 3	24°19	18°57	27°35	F 11
S 12	19 19 59	19°51'49	4♑41	2° 1	3° 8	8°13	1°59	16°28	14° 3	10°40	8°47	22°58	24°16	19° 3	27°34	S 12
S 13	19 23 56	20°49'01	17°58	3°42	4°21	8°49	2°11	16°24	14° 0	10°38	8°49	22°54	24°13	19°10	27°33	S 13
M14	19 27 52	21°46'13	1♒31	5°27	5°34	9°25	2°22	16°19	13°58	10°37	8°50	22°51	24°10	19°17	27°33	M14
T 15	19 31 49	22°43'25	15°18	7°15	6°48	10° 1	2°34	16°15	13°56	10°35	8°51	22°49	24° 7	19°23	27°32	T 15
W16	19 35 45	23°40'37	29°16	9° 7	8° 1	10°37	2°45	16°11	13°54	10°34	8°53	22°D49	24° 3	19°30	27°31	W16
T 17	19 39 42	24°37'50	13♓21	11° 1	9°14	11°13	2°57	16° 6	13°52	10°32	8°54	22°50	24° 0	19°37	27°30	T 17
F 18	19 43 38	25°35'04	27°32	12°57	10°27	11°49	3° 8	16° 2	13°50	10°31	8°56	22°52	23°57	19°43	27°29	F 18
S 19	19 47 35	26°32'17	11♈45	14°56	11°41	12°26	3°19	15°58	13°47	10°29	8°57	22°53	23°54	19°50	27°28	S 19
S 20	19 51 31	27°29'32	25°59	16°58	12°54	13° 2	3°30	15°53	13°45	10°27	8°59	22°R53	23°51	19°57	27°27	S 20
M21	19 55 28	28°26'47	10♉10	19° 1	14° 7	13°38	3°41	15°49	13°43	10°26	9° 0	22°53	23°47	20° 4	27°26	M21
T 22	19 59 25	29°24'03	24°18	21° 5	15°21	14°15	3°52	15°45	13°40	10°24	9° 1	22°51	23°44	20°10	27°25	T 22
W23	20 3 21	0♌21'20	8♊19	23°11	16°34	14°51	4° 2	15°41	13°38	10°23	9° 3	22°49	23°41	20°17	27°24	W23
T 24	20 7 18	1°18'38	22°11	25°18	17°48	15°28	4°13	15°36	13°36	10°21	9° 4	22°46	23°38	20°24	27°23	T 24
F 25	20 11 14	2°15'56	5♋51	27°25	19° 1	16° 5	4°23	15°32	13°34	10°19	9° 6	22°43	23°35	20°30	27°22	F 25
S 26	20 15 11	3°13'15	19°17	29°33	20°15	16°41	4°34	15°28	13°31	10°18	9° 7	22°41	23°32	20°37	27°20	S 26
S 27	20 19 7	4°10'35	2♌28	1♌41	21°28	17°18	4°44	15°24	13°29	10°16	9° 8	22°39	23°28	20°44	27°19	S 27
M28	20 23 4	5° 7'55	15°23	3°48	22°42	17°55	4°54	15°20	13°26	10°15	9°10	22°38	23°25	20°50	27°17	M28
T 29	20 27 0	6° 5'15	28° 1	5°55	23°55	18°32	5° 4	15°16	13°24	10°13	9°11	22°D38	23°22	20°57	27°16	T 29
W30	20 30 57	7° 2'37	10♍25	8° 1	25° 9	19° 9	5°14	15°12	13°22	10°11	9°12	22°39	23°19	21° 4	27°15	W30
T 31	20 34 54	7♌59'58	22♍35	10♌ 6	26♋23	19♍46	5♊24	15♑ 8	13♒19	10♒10	9♋14	22♌40	23♌16	21♎11	27♓13	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n 5	14n32	0s19	19n38	3s12	22n20	0s41	11n56	1n 8	19n14	0s52	21s53	0n25	17s 9	0s41	17s22	0n 7	18n58	4s11	13n44	13n14	3s11	2n55	4n13
W 2	23 1	11 22	0n49	19 54	3 2	22 27	0 39	11 43	1 7	19 17	0 52	21 54	0 25	17 10	0 41	17 22	0 7	18 58	4 11	13 44	13 15	3 13	2 55	4 13
T 3	22 56	7 47	1 53	20 10	2 51	22 35	0 37	11 29	1 7	19 20	0 52	21 55	0 25	17 10	0 41	17 22	0 7	18 58	4 11	13 43	13 16	3 15	2 55	4 13
F 4	22 51	3 57	2 51	20 26	2 40	22 41	0 34	11 16	1 6	19 22	0 52	21 55	0 24	17 11	0 41	17 23	0 7	18 58	4 11	13 43	13 17	3 17	2 56	4 13
S 5	22 46	0s 0	3 41	20 42	2 28	22 47	0 32	11 2	1 5	19 25	0 52	21 56	0 24	17 11	0 41	17 23	0 7	18 58	4 11	13 42	13 18	3 19	2 56	4 13
S 6	22 40	3 56	4 21	20 58	2 16	22 52	0 29	10 48	1 5	19 27	0 52	21 57	0 24	17 12	0 41	17 24	0 7	18 58	4 11	13 42	13 19	3 21	2 56	4 13
M 7	22 34	7 43	4 50	21 14	2 4	22 56	0 27	10 35	1 4	19 30	0 52	21 57	0 24	17 12	0 41	17 24	0 7	18 58	4 11	13 43	13 20	3 23	2 56	4 14
T 8	22 27	11 14	5 7	21 30	1 51	23 0	0 24	10 21	1 3	19 32	0 52	21 58	0 24	17 13	0 41	17 24	0 7	18 58	4 11	13 44	13 21	3 25	2 56	4 14
W 9	22 20	14 19	5 10	21 45	1 38	23 3	0 22	10 7	1 3	19 34	0 52	21 59	0 24	17 14	0 41	17 25	0 7	18 58	4 11	13 45	13 22	3 27	2 56	4 14
T 10	22 13	16 50	4 59	21 59	1 26	23 6	0 19	9 53	1 2	19 37	0 52	21 59	0 24	17 14	0 41	17 25	0 7	18 58	4 11	13 47	13 23	3 29	2 56	4 14
F 11	22 5	18 36	4 33	22 12	1 13	23 8	0 17	9 39	1 1	19 39	0 52	22 0	0 24	17 15	0 41	17 26	0 7	18 58	4 10	13 49	13 24	3 31	2 56	4 14
S 12	21 57	19 27	3 53	22 24	1 0	23 9	0 14	9 25	1 1	19 41	0 52	22 0	0 24	17 15	0 41	17 26	0 7	18 58	4 10	13 51	13 25	3 33	2 55	4 14
S 13	21 48	19 15	2 59	22 35	0 47	23 9	0 12	9 11	1 0	19 44	0 52	22 1	0 24	17 16	0 41	17 26	0 7	18 57	4 10	13 52	13 26	3 36	2 55	4 15
M14	21 39	17 57	1 54	22 44	0 35	23 9	0 9	8 57	0 59	19 46	0 52	22 2	0 24	17 17	0 41	17 27	0 7	18 57	4 10	13 53	13 27	3 38	2 55	4 15
T 15	21 30	15 35	0 41	22 51	0 22	23 8	0 6	8 43	0 59	19 48	0 52	22 2	0 24	17 17	0 41	17 27	0 7	18 57	4 10	13 54	13 28	3 40	2 55	4 15
W16	21 21	12 16	0s35	22 56	0 10	23 6	0 4	8 28	0 58	19 50	0 52	22 3	0 23	17 18	0 41	17 28	0 7	18 57	4 10	13 54	13 29	3 42	2 55	4 15
T 17	21 11	8 14	1 50	23 0	0n 2	23 4	0 1	8 14	0 57	19 52	0 52	22 4	0 23	17 19	0 41	17 28	0 7	18 57	4 10	13 53	13 30	3 44	2 55	4 15
F 18	21 0	3 43	2 59	23 1	0 14	23 1	0n 1	8 0	0 57	19 54	0 52	22 4	0 23	17 19	0 41	17 29	0 7	18 57	4 10	13 53	13 31	3 46	2 54	4 15
S 19	20 50	1n 0	3 57	22 59	0 25	22 58	0 4	7 45	0 56	19 56	0 52	22 5	0 23	17 20	0 41	17 29	0 7	18 57	4 10	13 53	13 33	3 48	2 54	4 15
S 20	20 38	5 40	4 40	22 55	0 35	22 53	0 6	7 31	0 55	19 59	0 52	22 5	0 23	17 21	0 42	17 29	0 7	18 57	4 10	13 52	13 34	3 50	2 54	4 16
M21	20 27	10 0	5 7	22 49	0 45	22 49	0 9	7 16	0 55	20 1	0 52	22 6	0 23	17 21	0 42	17 30	0 7	18 57	4 10	13 53	13 35	3 52	2 54	4 16
T 22	20 15	13 45	5 14	22 39	0 54	22 43	0 11	7 1	0 54	20 3	0 52	22 7	0 23	17 22	0 42	17 30	0 7	18 57	4 10	13 53	13 36	3 54	2 53	4 16
W23	20 3	16 41	5 3	22 27	1 3	22 37	0 13	6 47	0 53	20 4	0 52	22 7	0 23	17 23	0 42	17 31	0 7	18 57	4 10	13 54	13 37	3 56	2 53	4 16
T 24	19 51	18 37	4 34	22 13	1 11	22 30	0 16	6 32	0 53	20 6	0 53	22 8	0 23	17 23	0 42	17 31	0 7	18 57	4 10	13 55	13 38	3 58	2 53	4 16
F 25	19 38	19 27	3 50	21 55	1 18	22 22	0 18	6 17	0 52	20 8	0 53	22 8	0 23	17 24	0 42	17 32	0 7	18 57	4 10	13 56	13 39	4 0	2 52	4 16
S 26	19 25	19 10	2 54	21 36	1 24	22 14	0 21	6 2	0 51	20 10	0 53	22 9	0 22	17 25	0 42	17 32	0 7	18 57	4 10	13 57	13 40	4 2	2 52	4 16
S 27	19 12	17 49	1 49	21 13	1 30	22 5	0 23	5 47	0 51	20 12	0 53	22 9	0 22	17 25	0 42	17 33	0 7	18 57	4 10	13 57	13 41	4 4	2 51	4 17
M28	18 58	15 34	0 40	20 49	1 34	21 55	0 25	5 33	0 50	20 14	0 53	22 10	0 22	17 26	0 42	17 33	0 7	18 56	4 10	13 57	13 42	4 6	2 51	4 17
T 29	18 44	12 37	0n30	20 22	1 38	21 45	0 28	5 18	0 50	20 15	0 53	22 11	0 22	17 27	0 42	17 33	0 7	18 56	4 10	13 57	13 43	4 8	2 51	4 17
W30	18 30	9 9	1 37	19 53	1 41	21 34	0 30	5 2	0 49	20 17	0 53	22 11	0 22	17 27	0 42	17 34	0 7	18 56	4 10	13 57	13 44	4 10	2 50	4 17
T 31	18n15	5n22	2n38	19n22	1n44	21n23	0n32	4n47	0n48	20n19	0s53	22s12	0n22	17s28	0s42	17s34	0n 7	18n56	4s10	13n57	13n45	4s12	2n50	4n17

Julian Day Number = 2512356.5, Delta T = 133.71 sec
Ecliptic obliquity = 23°24'55, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°04'01, Lahiri = 26°11'01

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2166
geocentric

AUGUST 2166 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 38 50	8♌57'21	4♎35	12♌10	27♋36	20♍23	5♊34	15°R 4	13°R17	10°R 8	9♋15	22♌41	23♌12	21♎17	27°R11	F 1
S 2	20 42 47	9°54'43	16°29	14°13	28°50	21° 0	5°44	15♑ 0	13♒15	10♒ 6	9°16	22°42	23° 9	21°24	27♓10	S 2
S 3	20 46 43	10°52'07	28°21	16°15	0♌ 4	21°37	5°53	14°57	13°12	10° 5	9°18	22°43	23° 6	21°31	27° 8	S 3
M 4	20 50 40	11°49'31	10♏15	18°15	1°17	22°14	6° 3	14°53	13°10	10° 3	9°19	22°R43	23° 3	21°37	27° 6	M 4
T 5	20 54 36	12°46'55	22°16	20°14	2°31	22°51	6°12	14°49	13° 7	10° 2	9°20	22°43	23° 0	21°44	27° 5	T 5
W 6	20 58 33	13°44'21	4♐28	22°12	3°45	23°29	6°21	14°46	13° 5	10° 0	9°21	22°42	22°57	21°51	27° 3	W 6
T 7	21 2 29	14°41'46	16°56	24° 7	4°59	24° 6	6°30	14°42	13° 3	9°58	9°23	22°42	22°53	21°57	27° 1	T 7
F 8	21 6 26	15°39'13	29°43	26° 2	6°12	24°43	6°39	14°39	13° 0	9°57	9°24	22°41	22°50	22° 4	26°59	F 8
S 9	21 10 23	16°36'41	12♑51	27°55	7°26	25°21	6°48	14°35	12°58	9°55	9°25	22°40	22°47	22°11	26°57	S 9
S 10	21 14 19	17°34'09	26°21	29°46	8°40	25°58	6°57	14°32	12°55	9°53	9°26	22°39	22°44	22°18	26°55	S 10
M11	21 18 16	18°31'38	10♒12	1♍35	9°54	26°36	7° 5	14°29	12°53	9°52	9°28	22°39	22°41	22°24	26°53	M11
T 12	21 22 12	19°29'08	24°22	3°23	11° 8	27°13	7°13	14°25	12°51	9°50	9°29	22°D39	22°38	22°31	26°51	T 12
W13	21 26 9	20°26'39	8♓46	5°10	12°22	27°51	7°22	14°22	12°48	9°49	9°30	22°39	22°34	22°38	26°49	W13
T 14	21 30 5	21°24'11	23°19	6°55	13°36	28°29	7°30	14°19	12°46	9°47	9°31	22°39	22°31	22°44	26°47	T 14
F 15	21 34 2	22°21'45	7♈54	8°38	14°50	29° 6	7°38	14°16	12°44	9°46	9°32	22°R39	22°28	22°51	26°45	F 15
S 16	21 37 58	23°19'20	22°28	10°20	16° 4	29°44	7°46	14°13	12°41	9°44	9°33	22°39	22°25	22°58	26°42	S 16
S 17	21 41 55	24°16'56	6♉53	12° 1	17°18	0♎22	7°54	14°10	12°39	9°42	9°34	22°39	22°22	23° 4	26°40	S 17
M18	21 45 52	25°14'34	21° 8	13°40	18°32	1° 0	8° 1	14° 8	12°37	9°41	9°36	22°D39	22°18	23°11	26°38	M18
T 19	21 49 48	26°12'14	5♊ 9	15°17	19°46	1°38	8° 9	14° 5	12°34	9°39	9°37	22°39	22°15	23°18	26°36	T 19
W20	21 53 45	27° 9'55	18°56	16°53	21° 0	2°16	8°16	14° 2	12°32	9°38	9°38	22°39	22°12	23°25	26°33	W20
T 21	21 57 41	28° 7'38	2♋27	18°28	22°14	2°54	8°23	14° 0	12°30	9°36	9°39	22°40	22° 9	23°31	26°31	T 21
F 22	22 1 38	29° 5'22	15°43	20° 1	23°28	3°32	8°30	13°57	12°27	9°35	9°40	22°40	22° 6	23°38	26°29	F 22
S 23	22 5 34	0♍ 3'08	28°46	21°32	24°42	4°10	8°37	13°55	12°25	9°33	9°41	22°41	22° 3	23°45	26°26	S 23
S 24	22 9 31	1° 0'55	11♌34	23° 3	25°57	4°48	8°44	13°52	12°23	9°32	9°42	22°41	21°59	23°51	26°24	S 24
M25	22 13 27	1°58'44	24° 9	24°31	27°11	5°26	8°50	13°50	12°21	9°30	9°43	22°R42	21°56	23°58	26°21	M25
T 26	22 17 24	2°56'34	6♍33	25°58	28°25	6° 5	8°57	13°48	12°18	9°29	9°44	22°41	21°53	24° 5	26°19	T 26
W27	22 21 21	3°54'26	18°46	27°24	29°39	6°43	9° 3	13°46	12°16	9°27	9°45	22°40	21°50	24°12	26°16	W27
T 28	22 25 17	4°52'19	0♎50	28°48	0♍54	7°22	9° 9	13°44	12°14	9°26	9°46	22°39	21°47	24°18	26°14	T 28
F 29	22 29 14	5°50'13	12°47	0♎11	2° 8	8° 0	9°15	13°42	12°12	9°24	9°47	22°37	21°44	24°25	26°11	F 29
S 30	22 33 10	6°48'09	24°39	1°32	3°22	8°39	9°21	13°40	12°10	9°23	9°48	22°35	21°40	24°32	26° 8	S 30
S 31	22 37 7	7♍46'06	6♏30	2♎51	4♍37	9♎17	9♊26	13♑39	12♒ 8	9♒22	9♋48	22♌33	21♌37	24♎38	26♓ 6	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	18n 0	1n25	3n32	18n49	1n45	21n11	0n34	4n32	0n48	20n21	0s53	22s12	0n22	17s29	0s42	17s35	0n 7	18n56	4s10	13n56	13n46	4s14	2n49	4n17
S 2	17 45	2s32	4 16	18 15	1 46	20 58	0 37	4 17	0 47	20 22	0 53	22 13	0 22	17 30	0 42	17 35	0 7	18 56	4 10	13 56	13 47	4 16	2 49	4 17
S 3	17 29	6 23	4 49	17 39	1 47	20 45	0 39	4 2	0 46	20 24	0 53	22 13	0 22	17 30	0 42	17 36	0 7	18 56	4 10	13 56	13 48	4 18	2 48	4 17
M 4	17 14	9 59	5 9	17 1	1 46	20 31	0 41	3 47	0 46	20 25	0 53	22 14	0 22	17 31	0 42	17 36	0 7	18 56	4 10	13 56	13 49	4 20	2 47	4 18
T 5	16 57	13 13	5 17	16 23	1 45	20 17	0 43	3 31	0 45	20 27	0 53	22 14	0 21	17 32	0 42	17 37	0 7	18 56	4 10	13 56	13 50	4 23	2 47	4 18
W 6	16 41	15 56	5 10	15 44	1 43	20 1	0 45	3 16	0 44	20 28	0 53	22 15	0 21	17 32	0 42	17 37	0 7	18 56	4 10	13 56	13 51	4 25	2 46	4 18
T 7	16 25	17 59	4 49	15 3	1 41	19 46	0 47	3 1	0 44	20 30	0 53	22 15	0 21	17 33	0 42	17 37	0 7	18 56	4 10	13 56	13 52	4 27	2 46	4 18
F 8	16 8	19 12	4 13	14 22	1 38	19 30	0 49	2 45	0 43	20 31	0 53	22 16	0 21	17 34	0 42	17 38	0 7	18 56	4 10	13 57	13 53	4 29	2 45	4 18
S 9	15 51	19 25	3 23	13 40	1 35	19 13	0 51	2 30	0 42	20 33	0 53	22 16	0 21	17 34	0 42	17 38	0 7	18 55	4 10	13 57	13 54	4 31	2 44	4 18
S 10	15 33	18 33	2 21	12 58	1 31	18 56	0 53	2 14	0 42	20 34	0 54	22 17	0 21	17 35	0 42	17 39	0 7	18 55	4 10	13 57	13 55	4 33	2 44	4 18
M11	15 16	16 34	1 9	12 15	1 27	18 38	0 55	1 59	0 41	20 35	0 54	22 17	0 21	17 36	0 42	17 39	0 7	18 55	4 10	13 57	13 57	4 35	2 43	4 18
T 12	14 58	13 32	0s10	11 32	1 22	18 19	0 56	1 43	0 41	20 37	0 54	22 18	0 21	17 36	0 42	17 40	0 7	18 55	4 10	13 57	13 58	4 37	2 42	4 18
W13	14 40	9 38	1 28	10 48	1 17	18 0	0 58	1 28	0 40	20 38	0 54	22 18	0 21	17 37	0 42	17 40	0 7	18 55	4 10	13 57	13 59	4 39	2 41	4 18
T 14	14 21	5 8	2 42	10 4	1 11	17 41	1 0	1 12	0 39	20 39	0 54	22 18	0 21	17 38	0 42	17 41	0 7	18 55	4 10	13 57	14 0	4 41	2 41	4 19
F 15	14 3	0 19	3 46	9 20	1 5	17 21	1 2	0 57	0 39	20 41	0 54	22 19	0 20	17 38	0 42	17 41	0 7	18 55	4 10	13 57	14 1	4 43	2 40	4 19
S 16	13 44	4n29	4 34	8 36	0 59	17 1	1 3	0 41	0 38	20 42	0 54	22 19	0 20	17 39	0 42	17 41	0 7	18 55	4 10	13 57	14 2	4 45	2 39	4 19
S 17	13 25	8 59	5 5	7 52	0 53	16 40	1 5	0 26	0 37	20 43	0 54	22 20	0 20	17 40	0 42	17 42	0 7	18 55	4 10	13 57	14 3	4 47	2 38	4 19
M18	13 6	12 55	5 17	7 8	0 46	16 19	1 6	0 10	0 37	20 44	0 54	22 20	0 20	17 40	0 42	17 42	0 7	18 55	4 10	13 57	14 4	4 49	2 37	4 19
T 19	12 46	16 3	5 10	6 23	0 39	15 57	1 8	0s 6	0 36	20 45	0 54	22 20	0 20	17 41	0 42	17 43	0 7	18 55	4 10	13 57	14 5	4 51	2 36	4 19
W20	12 27	18 14	4 45	5 39	0 32	15 34	1 9	0 21	0 35	20 46	0 54	22 21	0 20	17 42	0 42	17 43	0 6	18 54	4 10	13 57	14 6	4 53	2 36	4 19
T 21	12 7	19 20	4 4	4 56	0 24	15 12	1 10	0 37	0 35	20 47	0 54	22 21	0 20	17 42	0 42	17 44	0 6	18 54	4 10	13 57	14 7	4 55	2 35	4 19
F 22	11 47	19 20	3 11	4 12	0 16	14 49	1 12	0 53	0 34	20 48	0 54	22 22	0 20	17 43	0 42	17 44	0 6	18 54	4 10	13 57	14 8	4 57	2 34	4 19
S 23	11 27	18 17	2 9	3 29	0 8	14 25	1 13	1 8	0 34	20 49	0 55	22 22	0 20	17 44	0 42	17 44	0 6	18 54	4 10	13 56	14 9	4 59	2 33	4 19
S 24	11 6	16 19	1 1	2 46	0 0	14 1	1 14	1 24	0 33	20 50	0 55	22 22	0 19	17 44	0 42	17 45	0 6	18 54	4 10	13 56	14 10	5 1	2 32	4 19
M25	10 46	13 35	0n 8	2 3	0s 8	13 37	1 15	1 40	0 32	20 51	0 55	22 23	0 19	17 45	0 42	17 45	0 6	18 54	4 10	13 56	14 11	5 4	2 31	4 19
T 26	10 25	10 17	1 16	1 21	0 17	13 12	1 16	1 56	0 32	20 52	0 55	22 23	0 19	17 45	0 42	17 46	0 6	18 54	4 10	13 56	14 12	5 6	2 30	4 19
W27	10 4	6 35	2 19	0 39	0 25	12 47	1 17	2 11	0 31	20 53	0 55	22 23	0 19	17 46	0 42	17 46	0 6	18 54	4 10	13 57	14 13	5 8	2 29	4 19
T 28	9 43	2 40	3 16	0s 3	0 34	12 22	1 18	2 27	0 30	20 54	0 55	22 24	0 19	17 47	0 42	17 46	0 6	18 54	4 10	13 57	14 14	5 10	2 28	4 19
F 29	9 22	1s19	4 3	0 44	0 43	11 56	1 19	2 43	0 30	20 55	0 55	22 24	0 19	17 47	0 42	17 47	0 6	18 54	4 10	13 58	14 15	5 12	2 27	4 19
S 30	9 0	5 13	4 39	1 24	0 52	11 30	1 20	2 59	0 29	20 55	0 55	22 24	0 19	17 48	0 42	17 47	0 6	18 54	4 10	13 58	14 16	5 14	2 26	4 19
S 31	8n39	8s54	5n 3	2s 4	1s 1	11n 4	1n21	3s14	0n29	20n56	0s55	22s24	0n19	17s48	0s42	17s48	0n 6	18n53	4s10	13n59	14n17	5s16	2n25	4n19

Julian Day Number = 2512387.5, Delta T = 133.77 sec
Ecliptic obliquity = 23°24'56, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°04'05, Lahiri = 26°11'05

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2166
geocentric

SEPTEMBER 2166 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 41 3	8♍44'04	18♏23	4♎ 9	5♍51	9♎56	9♊32	13°R37	12°R 6	9°R20	9♋49	22°R31	21♌34	24♎45	26°R 3	M 1
T 2	22 45 0	9°42'04	0♐22	5°25	7° 5	10°34	9°37	13♑35	12♒ 4	9♒19	9°50	22♌30	21°31	24°52	26♓ 0	T 2
W 3	22 48 56	10°40'05	12°32	6°39	8°20	11°13	9°42	13°34	12° 2	9°18	9°51	22°D30	21°28	24°58	25°58	W 3
T 4	22 52 53	11°38'08	24°57	7°51	9°34	11°52	9°47	13°33	12° 0	9°16	9°52	22°31	21°24	25° 5	25°55	T 4
F 5	22 56 49	12°36'12	7♑41	9° 2	10°48	12°31	9°52	13°31	11°58	9°15	9°53	22°32	21°21	25°12	25°52	F 5
S 6	23 0 46	13°34'17	20°49	10°10	12° 3	13°10	9°56	13°30	11°56	9°14	9°53	22°33	21°18	25°19	25°50	S 6
S 7	23 4 43	14°32'24	4♒21	11°16	13°17	13°49	10° 0	13°29	11°54	9°12	9°54	22°35	21°15	25°25	25°47	S 7
M 8	23 8 39	15°30'32	18°20	12°20	14°32	14°28	10° 5	13°28	11°52	9°11	9°55	22°R35	21°12	25°32	25°44	M 8
T 9	23 12 36	16°28'41	2♓43	13°22	15°46	15° 7	10° 9	13°27	11°50	9°10	9°55	22°35	21° 9	25°39	25°41	T 9
W10	23 16 32	17°26'53	17°27	14°21	17° 1	15°46	10°13	13°27	11°48	9° 9	9°56	22°34	21° 5	25°45	25°39	W10
T 11	23 20 29	18°25'06	2♈24	15°18	18°15	16°25	10°16	13°26	11°47	9° 8	9°57	22°31	21° 2	25°52	25°36	T 11
F 12	23 24 25	19°23'20	17°25	16°11	19°30	17° 4	10°20	13°25	11°45	9° 6	9°57	22°28	20°59	25°59	25°33	F 12
S 13	23 28 22	20°21'37	2♉23	17° 2	20°44	17°43	10°23	13°25	11°43	9° 5	9°58	22°24	20°56	26° 6	25°30	S 13
S 14	23 32 18	21°19'56	17° 8	17°49	21°59	18°23	10°26	13°25	11°41	9° 4	9°59	22°20	20°53	26°12	25°28	S 14
M15	23 36 15	22°18'17	1♊35	18°33	23°13	19° 2	10°29	13°24	11°40	9° 3	9°59	22°18	20°49	26°19	25°25	M15
T 16	23 40 12	23°16'40	15°40	19°14	24°28	19°41	10°32	13°24	11°38	9° 2	10° 0	22°16	20°46	26°26	25°22	T 16
W17	23 44 8	24°15'05	29°23	19°50	25°43	20°21	10°34	13°D24	11°37	9° 1	10° 0	22°D16	20°43	26°32	25°19	W17
T 18	23 48 5	25°13'33	12♋44	20°22	26°57	21° 0	10°37	13°24	11°35	9° 0	10° 1	22°17	20°40	26°39	25°16	T 18
F 19	23 52 1	26°12'02	25°45	20°49	28°12	21°40	10°39	13°24	11°34	8°59	10° 1	22°19	20°37	26°46	25°14	F 19
S 20	23 55 58	27°10'34	8♌30	21°12	29°27	22°19	10°41	13°24	11°32	8°58	10° 2	22°20	20°34	26°53	25°11	S 20
S 21	23 59 54	28° 9'08	21° 0	21°29	0♎41	22°59	10°43	13°25	11°31	8°57	10° 2	22°R21	20°30	26°59	25° 8	S 21
M22	0 3 51	29° 7'44	3♍19	21°41	1°56	23°39	10°44	13°25	11°29	8°56	10° 3	22°20	20°27	27° 6	25° 5	M22
T 23	0 7 47	0♎ 6'21	15°28	21°R46	3°11	24°19	10°46	13°25	11°28	8°55	10° 3	22°18	20°24	27°13	25° 2	T 23
W24	0 11 44	1° 5'01	27°31	21°45	4°25	24°59	10°47	13°26	11°27	8°54	10° 4	22°14	20°21	27°19	25° 0	W24
T 25	0 15 41	2° 3'43	9♎28	21°38	5°40	25°38	10°48	13°27	11°25	8°54	10° 4	22° 7	20°18	27°26	24°57	T 25
F 26	0 19 37	3° 2'27	21°21	21°23	6°55	26°18	10°48	13°28	11°24	8°53	10° 4	22° 0	20°15	27°33	24°54	F 26
S 27	0 23 34	4° 1'12	3♏12	21° 1	8°10	26°58	10°49	13°28	11°23	8°52	10° 5	21°52	20°11	27°40	24°51	S 27
S 28	0 27 30	5° 0'00	15° 3	20°32	9°24	27°39	10°49	13°29	11°22	8°51	10° 5	21°44	20° 8	27°46	24°48	S 28
M29	0 31 27	5°58'49	26°56	19°56	10°39	28°19	10°R50	13°31	11°21	8°51	10° 5	21°37	20° 5	27°53	24°46	M29
T 30	0 35 23	6♎57'40	8♐55	19♎13	11♎54	28♎59	10♊50	13♑32	11♒20	8♒50	10♋ 5	21♌31	20♌ 2	28♎ 0	24♓43	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	8n17	12s14	5n15	2s43	1s10	10n37	1n21	3s30	0n28	20n57	0s55	22s25	0n19	17s49	0s42	17s48	0n 6	18n53	4s10	14n 0	14n18	5s18	2n24	4n19
T 2	7 55	15 7	5 13	3 21	1 19	10 10	1 22	3 46	0 27	20 58	0 55	22 25	0 18	17 50	0 42	17 48	0 6	18 53	4 10	14 0	14 19	5 20	2 23	4 19
W 3	7 34	17 22	4 57	3 59	1 28	9 43	1 23	4 1	0 27	20 58	0 55	22 25	0 18	17 50	0 42	17 49	0 6	18 53	4 11	14 0	14 20	5 22	2 22	4 19
T 4	7 12	18 53	4 27	4 36	1 37	9 16	1 23	4 17	0 26	20 59	0 56	22 25	0 18	17 51	0 42	17 49	0 6	18 53	4 11	14 0	14 21	5 24	2 21	4 19
F 5	6 49	19 29	3 43	5 12	1 46	8 48	1 24	4 33	0 25	20 59	0 56	22 26	0 18	17 51	0 42	17 49	0 6	18 53	4 11	13 59	14 22	5 26	2 20	4 19
S 6	6 27	19 4	2 46	5 47	1 55	8 20	1 24	4 49	0 25	21 0	0 56	22 26	0 18	17 52	0 42	17 50	0 6	18 53	4 11	13 59	14 23	5 28	2 19	4 19
S 7	6 5	17 33	1 39	6 21	2 4	7 52	1 24	5 4	0 24	21 1	0 56	22 26	0 18	17 52	0 41	17 50	0 6	18 53	4 11	13 59	14 24	5 30	2 18	4 19
M 8	5 42	14 57	0 23	6 54	2 13	7 23	1 25	5 20	0 24	21 1	0 56	22 26	0 18	17 53	0 41	17 50	0 6	18 53	4 11	13 58	14 25	5 32	2 17	4 19
T 9	5 20	11 21	0s55	7 26	2 21	6 54	1 25	5 36	0 23	21 2	0 56	22 27	0 18	17 53	0 41	17 51	0 6	18 53	4 11	13 58	14 26	5 34	2 15	4 19
W10	4 57	6 59	2 12	7 57	2 30	6 26	1 25	5 51	0 22	21 2	0 56	22 27	0 18	17 54	0 41	17 51	0 6	18 53	4 11	13 59	14 27	5 36	2 14	4 19
T 11	4 35	2 8	3 21	8 27	2 38	5 57	1 25	6 7	0 22	21 2	0 56	22 27	0 17	17 54	0 41	17 51	0 6	18 52	4 11	14 0	14 28	5 38	2 13	4 19
F 12	4 12	2n53	4 17	8 56	2 47	5 27	1 25	6 22	0 21	21 3	0 56	22 27	0 17	17 55	0 41	17 52	0 6	18 52	4 11	14 1	14 29	5 40	2 12	4 19
S 13	3 49	7 41	4 54	9 23	2 55	4 58	1 25	6 38	0 20	21 3	0 56	22 27	0 17	17 55	0 41	17 52	0 6	18 52	4 11	14 2	14 30	5 43	2 11	4 19
S 14	3 26	11 57	5 12	9 48	3 3	4 28	1 25	6 53	0 20	21 4	0 56	22 27	0 17	17 56	0 41	17 52	0 6	18 52	4 11	14 3	14 31	5 45	2 10	4 19
M15	3 3	15 25	5 9	10 12	3 10	3 59	1 24	7 9	0 19	21 4	0 56	22 28	0 17	17 56	0 41	17 53	0 6	18 52	4 11	14 4	14 32	5 47	2 9	4 19
T 16	2 40	17 53	4 47	10 34	3 17	3 29	1 24	7 24	0 19	21 4	0 57	22 28	0 17	17 56	0 41	17 53	0 6	18 52	4 11	14 4	14 33	5 49	2 7	4 19
W17	2 17	19 15	4 10	10 54	3 24	2 59	1 24	7 40	0 18	21 5	0 57	22 28	0 17	17 57	0 41	17 53	0 6	18 52	4 11	14 5	14 34	5 51	2 6	4 19
T 18	1 54	19 30	3 20	11 12	3 30	2 29	1 23	7 55	0 17	21 5	0 57	22 28	0 17	17 57	0 41	17 53	0 6	18 52	4 11	14 4	14 35	5 53	2 5	4 19
F 19	1 31	18 41	2 20	11 27	3 36	1 59	1 23	8 11	0 17	21 5	0 57	22 28	0 17	17 58	0 41	17 54	0 6	18 52	4 11	14 4	14 36	5 55	2 4	4 19
S 20	1 7	16 55	1 15	11 41	3 41	1 29	1 22	8 26	0 16	21 5	0 57	22 28	0 16	17 58	0 41	17 54	0 6	18 52	4 11	14 3	14 37	5 57	2 3	4 19
S 21	0 44	14 22	0 7	11 51	3 45	0 59	1 22	8 41	0 16	21 5	0 57	22 28	0 16	17 58	0 41	17 54	0 6	18 52	4 11	14 3	14 38	5 59	2 2	4 19
M22	0 21	11 12	0n59	11 59	3 49	0 28	1 21	8 57	0 15	21 6	0 57	22 28	0 16	17 59	0 41	17 55	0 6	18 52	4 11	14 3	14 39	6 1	2 0	4 19
T 23	0s 3	7 36	2 2	12 3	3 52	0s 2	1 21	9 12	0 14	21 6	0 57	22 28	0 16	17 59	0 41	17 55	0 6	18 52	4 11	14 4	14 40	6 3	1 59	4 18
W24	0 26	3 44	2 59	12 5	3 54	0 32	1 20	9 27	0 14	21 6	0 57	22 28	0 16	17 59	0 41	17 55	0 6	18 51	4 11	14 5	14 41	6 5	1 58	4 18
T 25	0 49	0s15	3 48	12 2	3 54	1 2	1 19	9 42	0 13	21 6	0 57	22 28	0 16	18 0	0 41	17 55	0 6	18 51	4 11	14 7	14 42	6 7	1 57	4 18
F 26	1 12	4 12	4 26	11 56	3 54	1 33	1 18	9 57	0 12	21 6	0 57	22 28	0 16	18 0	0 41	17 55	0 6	18 51	4 11	14 10	14 43	6 9	1 56	4 18
S 27	1 36	7 59	4 52	11 46	3 51	2 3	1 17	10 12	0 12	21 6	0 57	22 28	0 16	18 0	0 41	17 56	0 6	18 51	4 11	14 12	14 44	6 11	1 54	4 18
S 28	1 59	11 27	5 6	11 32	3 48	2 33	1 16	10 27	0 11	21 6	0 58	22 28	0 16	18 1	0 41	17 56	0 6	18 51	4 11	14 15	14 45	6 13	1 53	4 18
M29	2 22	14 28	5 7	11 13	3 43	3 4	1 15	10 42	0 11	21 6	0 58	22 28	0 16	18 1	0 41	17 56	0 6	18 51	4 12	14 17	14 46	6 15	1 52	4 18
T 30	2s46	16s55	4n54	10s50	3s36	3s34	1n14	10s57	0n10	21n 6	0s58	22s28	0n15	18s 1	0s41	17s56	0n 6	18n51	4s12	14n19	14n47	6s17	1n51	4n18

Julian Day Number = 2512418.5, Delta T = 133.84 sec
Ecliptic obliquity = 23°24'57, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°04'09, Lahiri = 26°11'10

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2166
geocentric

OCTOBER 2166 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 39 20	7♎56'33	21♐ 3	18°R22	13♎ 9	29♎39	10°R49	13♑33	11°R19	8°R49	10♋ 6	21°R28	19♌59	28♎ 6	24°R40	W 1
T 2	0 43 16	8°55'27	3♑24	17♎26	14°23	0♏19	10♊49	13°34	11♒18	8♒49	10° 6	21°D26	19°55	28°13	24♓38	T 2
F 3	0 47 13	9°54'24	16° 2	16°25	15°38	1° 0	10°48	13°36	11°17	8°48	10° 6	21♌26	19°52	28°20	24°35	F 3
S 4	0 51 9	10°53'22	29° 3	15°19	16°53	1°40	10°47	13°37	11°16	8°48	10° 6	21°27	19°49	28°26	24°32	S 4
S 5	0 55 6	11°52'22	12♒29	14°11	18° 8	2°21	10°46	13°39	11°15	8°47	10° 6	21°28	19°46	28°33	24°30	S 5
M 6	0 59 3	12°51'23	26°24	13° 2	19°22	3° 1	10°45	13°41	11°15	8°46	10° 6	21°R28	19°43	28°40	24°27	M 6
T 7	1 2 59	13°50'27	10♓47	11°54	20°37	3°42	10°44	13°43	11°14	8°46	10° 7	21°27	19°40	28°47	24°24	T 7
W 8	1 6 56	14°49'32	25°35	10°49	21°52	4°22	10°42	13°45	11°13	8°46	10° 7	21°23	19°36	28°53	24°22	W 8
T 9	1 10 52	15°48'39	10♈43	9°48	23° 7	5° 3	10°40	13°47	11°13	8°45	10° 7	21°17	19°33	29° 0	24°19	T 9
F 10	1 14 49	16°47'48	26° 1	8°53	24°22	5°44	10°38	13°49	11°12	8°45	10°R 7	21° 9	19°30	29° 7	24°17	F 10
S 11	1 18 45	17°46'59	11♉17	8° 6	25°37	6°24	10°36	13°51	11°12	8°44	10° 7	21° 1	19°27	29°13	24°14	S 11
S 12	1 22 42	18°46'12	26°22	7°29	26°51	7° 5	10°34	13°54	11°11	8°44	10° 7	20°52	19°24	29°20	24°12	S 12
M13	1 26 38	19°45'28	11♊ 6	7° 1	28° 6	7°46	10°31	13°56	11°11	8°44	10° 7	20°45	19°20	29°27	24° 9	M13
T 14	1 30 35	20°44'46	25°23	6°44	29°21	8°27	10°28	13°58	11°10	8°44	10° 7	20°40	19°17	29°34	24° 7	T 14
W15	1 34 32	21°44'06	9♋11	6°D38	0♏36	9° 8	10°25	14° 1	11°10	8°43	10° 6	20°38	19°14	29°40	24° 4	W15
T 16	1 38 28	22°43'29	22°33	6°42	1°51	9°49	10°22	14° 4	11°10	8°43	10° 6	20°D37	19°11	29°47	24° 2	T 16
F 17	1 42 25	23°42'54	5♌29	6°58	3° 6	10°30	10°19	14° 7	11° 9	8°43	10° 6	20°37	19° 8	29°54	24° 0	F 17
S 18	1 46 21	24°42'21	18° 5	7°23	4°20	11°11	10°15	14° 9	11° 9	8°43	10° 6	20°R38	19° 5	0♏ 0	23°57	S 18
S 19	1 50 18	25°41'50	0♍25	7°58	5°35	11°52	10°11	14°12	11° 9	8°43	10° 6	20°37	19° 1	0° 7	23°55	S 19
M20	1 54 14	26°41'22	12°33	8°42	6°50	12°34	10° 7	14°15	11° 9	8°43	10° 6	20°35	18°58	0°14	23°53	M20
T 21	1 58 11	27°40'56	24°33	9°35	8° 5	13°15	10° 3	14°19	11°D 9	8°D43	10° 5	20°30	18°55	0°21	23°51	T 21
W22	2 2 7	28°40'32	6♎28	10°34	9°20	13°56	9°59	14°22	11° 9	8°43	10° 5	20°22	18°52	0°27	23°48	W22
T 23	2 6 4	29°40'10	18°20	11°40	10°35	14°38	9°54	14°25	11° 9	8°43	10° 5	20°12	18°49	0°34	23°46	T 23
F 24	2 10 1	0♏39'50	0♏11	12°52	11°50	15°19	9°50	14°29	11° 9	8°43	10° 5	19°59	18°46	0°41	23°44	F 24
S 25	2 13 57	1°39'32	12° 3	14° 8	13° 5	16° 1	9°45	14°32	11° 9	8°43	10° 4	19°45	18°42	0°47	23°42	S 25
S 26	2 17 54	2°39'17	23°57	15°29	14°20	16°43	9°40	14°36	11°10	8°43	10° 4	19°32	18°39	0°54	23°40	S 26
M27	2 21 50	3°39'03	5♐55	16°54	15°34	17°24	9°34	14°39	11°10	8°44	10° 4	19°19	18°36	1° 1	23°38	M27
T 28	2 25 47	4°38'51	17°57	18°21	16°49	18° 6	9°29	14°43	11°10	8°44	10° 3	19° 9	18°33	1° 8	23°36	T 28
W29	2 29 43	5°38'40	0♑ 8	19°51	18° 4	18°48	9°23	14°47	11°11	8°44	10° 3	19° 1	18°30	1°14	23°34	W29
T 30	2 33 40	6°38'32	12°29	21°23	19°19	19°30	9°18	14°51	11°11	8°44	10° 2	18°56	18°26	1°21	23°32	T 30
F 31	2 37 36	7♏38'25	25♑ 5	22♎57	20♏34	20♏12	9♊12	14♑55	11♒12	8♒45	10♋ 2	18♌54	18♌23	1♏28	23♓31	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	3s 9	18s39	4n28	10s23	3s27	4s 4	1n13	11s12	0n 9	21n 6	0s58	22s28	0n15	18s 1	0s41	17s56	0n 6	18n51	4s12	14n20	14n48	6s19	1n50	4n18
T 2	3 32	19 33	3 50	9 51	3 16	4 34	1 11	11 26	0 9	21 5	0 58	22 28	0 15	18 2	0 41	17 57	0 6	18 51	4 12	14 21	14 49	6 21	1 48	4 17
F 3	3 55	19 29	2 59	9 16	3 3	5 4	1 10	11 41	0 8	21 5	0 58	22 28	0 15	18 2	0 41	17 57	0 6	18 51	4 12	14 21	14 50	6 24	1 47	4 17
S 4	4 18	18 24	1 58	8 37	2 49	5 34	1 9	11 55	0 8	21 5	0 58	22 28	0 15	18 2	0 41	17 57	0 6	18 51	4 12	14 20	14 51	6 26	1 46	4 17
S 5	4 41	16 16	0 48	7 56	2 33	6 4	1 7	12 10	0 7	21 5	0 58	22 28	0 15	18 2	0 41	17 57	0 6	18 51	4 12	14 20	14 52	6 28	1 45	4 17
M 6	5 4	13 7	0s26	7 13	2 15	6 34	1 6	12 24	0 6	21 5	0 58	22 28	0 15	18 2	0 41	17 57	0 6	18 51	4 12	14 20	14 53	6 30	1 44	4 17
T 7	5 27	9 5	1 42	6 29	1 56	7 3	1 4	12 39	0 6	21 4	0 58	22 28	0 15	18 3	0 41	17 57	0 6	18 51	4 12	14 20	14 54	6 32	1 43	4 17
W 8	5 50	4 23	2 52	5 45	1 36	7 33	1 3	12 53	0 5	21 4	0 58	22 28	0 15	18 3	0 41	17 58	0 6	18 51	4 12	14 22	14 55	6 34	1 41	4 17
T 9	6 13	0n40	3 52	5 2	1 16	8 2	1 1	13 7	0 4	21 4	0 58	22 28	0 14	18 3	0 41	17 58	0 6	18 51	4 12	14 24	14 56	6 36	1 40	4 16
F 10	6 36	5 44	4 36	4 22	0 55	8 31	0 59	13 21	0 4	21 3	0 58	22 28	0 14	18 3	0 41	17 58	0 6	18 51	4 12	14 26	14 57	6 38	1 39	4 16
S 11	6 58	10 26	5 1	3 45	0 35	9 0	0 58	13 35	0 3	21 3	0 58	22 28	0 14	18 3	0 41	17 58	0 6	18 50	4 12	14 29	14 58	6 40	1 38	4 16
S 12	7 21	14 24	5 4	3 12	0 15	9 28	0 56	13 49	0 3	21 3	0 59	22 27	0 14	18 3	0 41	17 58	0 6	18 50	4 12	14 31	14 59	6 42	1 37	4 16
M13	7 43	17 22	4 46	2 43	0n 4	9 57	0 54	14 3	0 2	21 2	0 59	22 27	0 14	18 3	0 41	17 58	0 6	18 50	4 12	14 34	15 0	6 44	1 36	4 16
T 14	8 6	19 9	4 11	2 20	0 22	10 25	0 52	14 17	0 1	21 2	0 59	22 27	0 14	18 3	0 41	17 58	0 6	18 50	4 12	14 35	15 1	6 46	1 35	4 16
W15	8 28	19 44	3 22	2 2	0 38	10 53	0 50	14 31	0 1	21 1	0 59	22 27	0 14	18 3	0 41	17 58	0 6	18 50	4 12	14 36	15 2	6 48	1 33	4 15
T 16	8 50	19 10	2 24	1 50	0 54	11 21	0 48	14 44	0 0	21 1	0 59	22 27	0 14	18 4	0 41	17 58	0 6	18 50	4 12	14 36	15 3	6 50	1 32	4 15
F 17	9 12	17 35	1 20	1 44	1 7	11 48	0 46	14 58	0s 0	21 0	0 59	22 27	0 14	18 4	0 41	17 58	0 6	18 50	4 12	14 36	15 4	6 52	1 31	4 15
S 18	9 34	15 11	0 14	1 43	1 19	12 15	0 44	15 11	0 1	21 0	0 59	22 26	0 14	18 4	0 41	17 58	0 6	18 50	4 12	14 36	15 5	6 54	1 30	4 15
S 19	9 55	12 7	0n52	1 47	1 30	12 42	0 42	15 25	0 2	20 59	0 59	22 26	0 13	18 4	0 40	17 58	0 6	18 50	4 12	14 36	15 6	6 56	1 29	4 15
M20	10 17	8 36	1 54	1 56	1 39	13 9	0 40	15 38	0 2	20 58	0 59	22 26	0 13	18 4	0 40	17 58	0 6	18 50	4 12	14 37	15 7	6 58	1 28	4 14
T 21	10 38	4 46	2 50	2 9	1 47	13 35	0 38	15 51	0 3	20 58	0 59	22 26	0 13	18 4	0 40	17 58	0 6	18 50	4 12	14 39	15 8	7 0	1 27	4 14
W22	11 0	0 46	3 38	2 27	1 53	14 1	0 36	16 4	0 3	20 57	0 59	22 25	0 13	18 4	0 40	17 58	0 6	18 50	4 13	14 41	15 9	7 2	1 26	4 14
T 23	11 21	3s14	4 16	2 48	1 57	14 27	0 34	16 17	0 4	20 56	0 59	22 25	0 13	18 3	0 40	17 58	0 6	18 50	4 13	14 44	15 10	7 5	1 25	4 14
F 24	11 42	7 6	4 43	3 13	2 1	14 52	0 31	16 29	0 5	20 56	0 59	22 25	0 13	18 3	0 40	17 58	0 6	18 50	4 13	14 48	15 11	7 7	1 24	4 14
S 25	12 2	10 42	4 58	3 41	2 3	15 17	0 29	16 42	0 5	20 55	0 59	22 25	0 13	18 3	0 40	17 58	0 6	18 50	4 13	14 53	15 12	7 9	1 23	4 13
S 26	12 23	13 54	5 0	4 11	2 5	15 42	0 27	16 54	0 6	20 54	0 59	22 24	0 13	18 3	0 40	17 58	0 6	18 50	4 13	14 57	15 13	7 11	1 22	4 13
M27	12 43	16 32	4 48	4 43	2 5	16 6	0 25	17 7	0 6	20 53	0 59	22 24	0 13	18 3	0 40	17 58	0 6	18 50	4 13	15 1	15 14	7 13	1 21	4 13
T 28	13 3	18 29	4 24	5 16	2 4	16 29	0 22	17 19	0 7	20 53	0 59	22 24	0 13	18 3	0 40	17 58	0 6	18 50	4 13	15 4	15 15	7 15	1 20	4 13
W29	13 23	19 37	3 48	5 52	2 3	16 53	0 20	17 31	0 8	20 52	0 59	22 23	0 13	18 3	0 40	17 58	0 6	18 50	4 13	15 6	15 16	7 17	1 19	4 12
T 30	13 43	19 51	3 0	6 28	2 1	17 16	0 18	17 43	0 8	20 51	0 59	22 23	0 12	18 3	0 40	17 58	0 6	18 50	4 13	15 8	15 17	7 19	1 18	4 12
F 31	14s 3	19s 5	2n 2	7s 5	1n58	17s38	0n15	17s55	0s 9	20n50	0s59	22s23	0n12	18s 3	0s40	17s58	0n 6	18n50	4s13	15n 9	15n18	7s21	1n17	4n12

Julian Day Number = 2512448.5, Delta T = 133.90 sec
Ecliptic obliquity = 23°24'57, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°04'13, Lahiri = 26°11'14

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2166
geocentric

NOVEMBER 2166 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 41 33	8♏38'20	8♒ 0	24♎32	21♏49	20♏54	9°R 6	14♑59	11♒12	8♒45	10°R 1	18°D54	18♌20	1♏35	23°R29	S 1
S 2	2 45 30	9°38'16	21°18	26° 9	23° 4	21°36	9♊ 0	15° 3	11°13	8°45	10♋ 1	18°R54	18°17	1°41	23♓27	S 2
M 3	2 49 26	10°38'14	5♓ 1	27°46	24°19	22°18	8°53	15° 7	11°13	8°46	10° 0	18♌53	18°14	1°48	23°25	M 3
T 4	2 53 23	11°38'14	19°12	29°23	25°34	23° 0	8°47	15°12	11°14	8°46	10° 0	18°50	18°11	1°55	23°24	T 4
W 5	2 57 19	12°38'15	3♈51	1♏ 1	26°49	23°42	8°40	15°16	11°15	8°47	9°59	18°45	18° 7	2° 1	23°22	W 5
T 6	3 1 16	13°38'18	18°52	2°39	28° 4	24°24	8°34	15°20	11°16	8°47	9°59	18°37	18° 4	2° 8	23°21	T 6
F 7	3 5 12	14°38'22	4♉ 8	4°18	29°18	25° 6	8°27	15°25	11°16	8°48	9°58	18°27	18° 1	2°15	23°19	F 7
S 8	3 9 9	15°38'28	19°28	5°56	0♐33	25°49	8°20	15°30	11°17	8°49	9°57	18°15	17°58	2°22	23°18	S 8
S 9	3 13 5	16°38'37	4♊41	7°35	1°48	26°31	8°13	15°34	11°18	8°49	9°57	18° 4	17°55	2°28	23°16	S 9
M10	3 17 2	17°38'47	19°35	9°13	3° 3	27°13	8° 6	15°39	11°19	8°50	9°56	17°54	17°52	2°35	23°15	M10
T 11	3 20 59	18°38'59	4♋ 4	10°51	4°18	27°56	7°59	15°44	11°20	8°51	9°55	17°47	17°48	2°42	23°14	T 11
W12	3 24 55	19°39'13	18° 3	12°29	5°33	28°38	7°51	15°49	11°21	8°51	9°55	17°42	17°45	2°48	23°12	W12
T 13	3 28 52	20°39'29	1♌31	14° 7	6°48	29°21	7°44	15°54	11°23	8°52	9°54	17°40	17°42	2°55	23°11	T 13
F 14	3 32 48	21°39'47	14°32	15°44	8° 3	0♐ 4	7°36	15°59	11°24	8°53	9°53	17°39	17°39	3° 2	23°10	F 14
S 15	3 36 45	22°40'07	27° 9	17°22	9°18	0°46	7°29	16° 4	11°25	8°54	9°53	17°39	17°36	3° 9	23° 9	S 15
S 16	3 40 41	23°40'29	9♍27	18°59	10°32	1°29	7°21	16° 9	11°26	8°54	9°52	17°39	17°32	3°15	23° 8	S 16
M17	3 44 38	24°40'53	21°32	20°36	11°47	2°12	7°13	16°14	11°28	8°55	9°51	17°36	17°29	3°22	23° 7	M17
T 18	3 48 34	25°41'18	3♎28	22°12	13° 2	2°55	7° 5	16°20	11°29	8°56	9°50	17°31	17°26	3°29	23° 6	T 18
W19	3 52 31	26°41'46	15°19	23°48	14°17	3°38	6°57	16°25	11°30	8°57	9°49	17°23	17°23	3°35	23° 5	W19
T 20	3 56 27	27°42'15	27° 9	25°24	15°32	4°21	6°49	16°30	11°32	8°58	9°48	17°12	17°20	3°42	23° 4	T 20
F 21	4 0 24	28°42'46	9♏ 1	27° 0	16°47	5° 4	6°41	16°36	11°34	8°59	9°48	16°59	17°17	3°49	23° 4	F 21
S 22	4 4 21	29°43'19	20°56	28°35	18° 2	5°47	6°33	16°41	11°35	9° 0	9°47	16°44	17°13	3°56	23° 3	S 22
S 23	4 8 17	0♐43'53	2♐56	0♐10	19°17	6°30	6°25	16°47	11°37	9° 1	9°46	16°30	17°10	4° 2	23° 2	S 23
M24	4 12 14	1°44'29	15° 2	1°45	20°32	7°13	6°17	16°53	11°38	9° 3	9°45	16°16	17° 7	4° 9	23° 2	M24
T 25	4 16 10	2°45'06	27°15	3°20	21°47	7°57	6° 9	16°58	11°40	9° 4	9°44	16° 5	17° 4	4°16	23° 1	T 25
W26	4 20 7	3°45'44	9♑36	4°55	23° 1	8°40	6° 1	17° 4	11°42	9° 5	9°43	15°57	17° 1	4°22	23° 1	W26
T 27	4 24 3	4°46'24	22° 7	6°29	24°16	9°23	5°52	17°10	11°44	9° 6	9°42	15°52	16°58	4°29	23° 0	T 27
F 28	4 28 0	5°47'05	4♒50	8° 4	25°31	10° 7	5°44	17°16	11°46	9° 7	9°41	15°49	16°54	4°36	23° 0	F 28
S 29	4 31 57	6°47'47	17°47	9°38	26°46	10°50	5°36	17°22	11°47	9° 9	9°40	15°D49	16°51	4°43	23° 0	S 29
S 30	4 35 53	7♐48'30	1♓ 2	11♐12	28♐ 1	11♐34	5♊28	17♑28	11♒49	9♒10	9♋39	15°R49	16♌48	4♏49	22♓59	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s22	17s20	0n57	7s43	1n54	18s 0	0n13	18s 7	0s 9	20n49	0s59	22s22	0n12	18s 2	0s40	17s58	0n 5	18n50	4s13	15n 9	15n19	7s23	1n16	4n12
S 2	14 41	14 35	0s13	8 22	1 51	18 21	0 10	18 18	0 10	20 48	0 59	22 22	0 12	18 2	0 40	17 58	0 5	18 50	4 13	15 9	15 20	7 25	1 15	4 11
M 3	15 0	10 58	1 24	9 1	1 46	18 42	0 8	18 30	0 11	20 47	0 59	22 22	0 12	18 2	0 40	17 58	0 5	18 50	4 13	15 9	15 21	7 27	1 14	4 11
T 4	15 19	6 37	2 33	9 40	1 42	19 3	0 5	18 41	0 11	20 46	0 59	22 21	0 12	18 2	0 40	17 58	0 5	18 50	4 13	15 10	15 22	7 29	1 13	4 11
W 5	15 37	1 44	3 34	10 19	1 36	19 23	0 3	18 52	0 12	20 45	0 59	22 21	0 12	18 2	0 40	17 58	0 5	18 50	4 13	15 11	15 23	7 31	1 13	4 11
T 6	15 55	3n21	4 21	10 57	1 31	19 42	0 0	19 3	0 12	20 44	0 59	22 20	0 12	18 1	0 40	17 57	0 5	18 50	4 13	15 14	15 24	7 33	1 12	4 10
F 7	16 13	8 19	4 51	11 36	1 25	20 1	0s 2	19 14	0 13	20 43	0 59	22 20	0 12	18 1	0 40	17 57	0 5	18 50	4 13	15 17	15 25	7 35	1 11	4 10
S 8	16 30	12 46	5 0	12 14	1 19	20 19	0 5	19 25	0 14	20 42	0 59	22 19	0 12	18 1	0 40	17 57	0 5	18 50	4 13	15 21	15 26	7 37	1 10	4 10
S 9	16 48	16 20	4 48	12 52	1 13	20 37	0 7	19 35	0 14	20 41	0 59	22 19	0 12	18 0	0 40	17 57	0 5	18 50	4 13	15 24	15 27	7 39	1 9	4 10
M10	17 5	18 45	4 16	13 30	1 7	20 54	0 10	19 46	0 15	20 40	0 59	22 19	0 11	18 0	0 40	17 57	0 5	18 50	4 13	15 27	15 28	7 41	1 9	4 9
T 11	17 21	19 53	3 28	14 6	1 1	21 11	0 12	19 56	0 15	20 39	0 59	22 18	0 11	18 0	0 40	17 57	0 5	18 50	4 13	15 29	15 29	7 43	1 8	4 9
W12	17 38	19 44	2 30	14 43	0 54	21 27	0 15	20 6	0 16	20 38	0 59	22 18	0 11	18 0	0 40	17 57	0 5	18 50	4 13	15 31	15 30	7 45	1 7	4 9
T 13	17 54	18 26	1 24	15 18	0 47	21 42	0 17	20 16	0 17	20 37	0 59	22 17	0 11	17 59	0 40	17 56	0 5	18 50	4 13	15 31	15 31	7 47	1 6	4 9
F 14	18 10	16 12	0 17	15 53	0 41	21 57	0 20	20 25	0 17	20 35	0 59	22 17	0 11	17 59	0 40	17 56	0 5	18 50	4 13	15 32	15 32	7 49	1 6	4 8
S 15	18 25	13 14	0n50	16 27	0 34	22 11	0 22	20 35	0 18	20 34	0 59	22 16	0 11	17 58	0 40	17 56	0 5	18 50	4 13	15 32	15 33	7 52	1 5	4 8
S 16	18 40	9 45	1 53	17 1	0 27	22 25	0 25	20 44	0 18	20 33	0 59	22 16	0 11	17 58	0 40	17 56	0 5	18 50	4 13	15 32	15 34	7 54	1 4	4 8
M17	18 55	5 56	2 49	17 33	0 20	22 38	0 27	20 53	0 19	20 32	0 59	22 15	0 11	17 58	0 40	17 55	0 5	18 50	4 13	15 33	15 35	7 56	1 4	4 8
T 18	19 10	1 57	3 37	18 5	0 13	22 50	0 30	21 2	0 19	20 31	0 58	22 15	0 11	17 57	0 40	17 55	0 5	18 50	4 13	15 34	15 36	7 58	1 3	4 7
W19	19 24	2s 6	4 15	18 36	0 7	23 1	0 32	21 11	0 20	20 29	0 58	22 14	0 11	17 57	0 40	17 55	0 5	18 50	4 13	15 37	15 37	8 0	1 2	4 7
T 20	19 38	6 3	4 42	19 6	0s 0	23 12	0 35	21 20	0 21	20 28	0 58	22 13	0 11	17 56	0 40	17 55	0 5	18 51	4 13	15 40	15 38	8 2	1 2	4 7
F 21	19 51	9 47	4 57	19 35	0 7	23 22	0 37	21 28	0 21	20 27	0 58	22 13	0 10	17 56	0 40	17 55	0 5	18 51	4 13	15 44	15 39	8 4	1 1	4 6
S 22	20 4	13 9	4 59	20 3	0 14	23 32	0 39	21 36	0 22	20 26	0 58	22 12	0 10	17 55	0 39	17 54	0 5	18 51	4 13	15 48	15 39	8 6	1 1	4 6
S 23	20 17	16 1	4 48	20 30	0 20	23 41	0 42	21 44	0 22	20 24	0 58	22 12	0 10	17 55	0 39	17 54	0 5	18 51	4 13	15 53	15 40	8 8	1 0	4 6
M24	20 29	18 13	4 24	20 56	0 27	23 49	0 44	21 52	0 23	20 23	0 58	22 11	0 10	17 55	0 39	17 54	0 5	18 51	4 13	15 57	15 41	8 10	1 0	4 6
T 25	20 41	19 36	3 47	21 21	0 33	23 56	0 47	22 0	0 24	20 22	0 58	22 10	0 10	17 54	0 39	17 53	0 5	18 51	4 13	16 0	15 42	8 12	0 59	4 5
W26	20 53	20 5	2 59	21 45	0 40	24 3	0 49	22 7	0 24	20 21	0 58	22 10	0 10	17 53	0 39	17 53	0 5	18 51	4 13	16 2	15 43	8 14	0 59	4 5
T 27	21 4	19 35	2 2	22 8	0 46	24 9	0 51	22 15	0 25	20 19	0 58	22 9	0 10	17 53	0 39	17 53	0 5	18 51	4 13	16 4	15 44	8 16	0 58	4 5
F 28	21 15	18 6	0 58	22 29	0 52	24 14	0 54	22 22	0 25	20 18	0 57	22 8	0 10	17 52	0 39	17 52	0 5	18 51	4 13	16 5	15 45	8 18	0 58	4 4
S 29	21 25	15 39	0s10	22 50	0 58	24 18	0 56	22 28	0 26	20 17	0 57	22 8	0 10	17 52	0 39	17 52	0 5	18 51	4 13	16 5	15 46	8 20	0 58	4 4
S 30	21s35	12s21	1s20	23s 9	1s 4	24s22	0s58	22s35	0s26	20n15	0s57	22s 7	0n10	17s51	0s39	17s52	0n 5	18n51	4s13	16n 5	15n47	8s22	0n57	4n 4

Julian Day Number = 2512479.5, Delta T = 133.97 sec
Ecliptic obliquity = 23°24'56, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°04'18, Lahiri = 26°11'18

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2166
geocentric

DECEMBER 2166 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 39 50	8♐49'14	14♓37	12♐46	29♐16	12♐17	5°R20	17♑34	11♒51	9♒11	9°R38	15°R49	16♌45	4♏56	22°R59	M 1
T 2	4 43 46	9°49'59	28°35	14°19	0♑31	13° 1	5♊12	17°40	11°53	9°13	9♋37	15♌48	16°42	5° 3	22♓59	T 2
W 3	4 47 43	10°50'45	12♈56	15°53	1°45	13°45	5° 3	17°46	11°55	9°14	9°36	15°44	16°38	5°10	22°59	W 3
T 4	4 51 39	11°51'32	27°38	17°27	3° 0	14°29	4°55	17°52	11°58	9°15	9°35	15°38	16°35	5°16	22°D59	T 4
F 5	4 55 36	12°52'20	12♉35	19° 0	4°15	15°12	4°47	17°58	12° 0	9°17	9°34	15°29	16°32	5°23	22°59	F 5
S 6	4 59 32	13°53'08	27°39	20°34	5°30	15°56	4°39	18° 4	12° 2	9°18	9°33	15°20	16°29	5°30	22°59	S 6
S 7	5 3 29	14°53'58	12♊41	22° 7	6°45	16°40	4°31	18°11	12° 4	9°20	9°32	15°10	16°26	5°36	22°59	S 7
M 8	5 7 26	15°54'49	27°31	23°41	8° 0	17°24	4°24	18°17	12° 6	9°21	9°31	15° 1	16°23	5°43	22°59	M 8
T 9	5 11 22	16°55'42	12♋ 0	25°14	9°14	18° 8	4°16	18°24	12° 9	9°23	9°30	14°55	16°19	5°50	23° 0	T 9
W10	5 15 19	17°56'35	26° 3	26°48	10°29	18°52	4° 8	18°30	12°11	9°24	9°28	14°51	16°16	5°57	23° 0	W10
T 11	5 19 15	18°57'29	9♌38	28°21	11°44	19°36	4° 0	18°36	12°13	9°26	9°27	14°D49	16°13	6° 3	23° 0	T 11
F 12	5 23 12	19°58'25	22°46	29°54	12°59	20°20	3°53	18°43	12°16	9°28	9°26	14°49	16°10	6°10	23° 1	F 12
S 13	5 27 8	20°59'22	5♍29	1♑28	14°13	21° 5	3°45	18°49	12°18	9°29	9°25	14°50	16° 7	6°17	23° 1	S 13
S 14	5 31 5	22° 0'20	17°51	3° 1	15°28	21°49	3°38	18°56	12°21	9°31	9°24	14°R51	16° 4	6°23	23° 2	S 14
M15	5 35 1	23° 1'19	29°58	4°34	16°43	22°33	3°31	19° 3	12°23	9°32	9°23	14°51	16° 0	6°30	23° 2	M15
T 16	5 38 58	24° 2'19	11♎55	6° 7	17°58	23°17	3°23	19° 9	12°26	9°34	9°22	14°49	15°57	6°37	23° 3	T 16
W17	5 42 55	25° 3'20	23°46	7°40	19°12	24° 2	3°16	19°16	12°29	9°36	9°20	14°45	15°54	6°44	23° 4	W17
T 18	5 46 51	26° 4'22	5♏37	9°13	20°27	24°46	3° 9	19°23	12°31	9°38	9°19	14°38	15°51	6°50	23° 5	T 18
F 19	5 50 48	27° 5'25	17°31	10°46	21°42	25°31	3° 2	19°29	12°34	9°39	9°18	14°30	15°48	6°57	23° 5	F 19
S 20	5 54 44	28° 6'29	29°30	12°18	22°57	26°15	2°56	19°36	12°37	9°41	9°17	14°21	15°44	7° 4	23° 6	S 20
S 21	5 58 41	29° 7'34	11♐38	13°50	24°11	27° 0	2°49	19°43	12°39	9°43	9°16	14°12	15°41	7°11	23° 7	S 21
M22	6 2 37	0♑ 8'40	23°55	15°21	25°26	27°45	2°43	19°50	12°42	9°45	9°14	14° 3	15°38	7°17	23° 8	M22
T 23	6 6 34	1° 9'46	6♑22	16°52	26°41	28°29	2°36	19°57	12°45	9°47	9°13	13°56	15°35	7°24	23° 9	T 23
W24	6 10 30	2°10'53	19° 0	18°22	27°55	29°14	2°30	20° 3	12°48	9°49	9°12	13°51	15°32	7°31	23°11	W24
T 25	6 14 27	3°12'00	1♒49	19°51	29°10	29°59	2°24	20°10	12°51	9°51	9°11	13°49	15°29	7°37	23°12	T 25
F 26	6 18 24	4°13'07	14°49	21°20	0♒25	0♑44	2°18	20°17	12°53	9°53	9°10	13°D48	15°25	7°44	23°13	F 26
S 27	6 22 20	5°14'15	28° 2	22°46	1°39	1°29	2°13	20°24	12°56	9°54	9° 8	13°49	15°22	7°51	23°14	S 27
S 28	6 26 17	6°15'22	11♓27	24°12	2°54	2°14	2° 7	20°31	12°59	9°56	9° 7	13°50	15°19	7°58	23°16	S 28
M29	6 30 13	7°16'30	25° 6	25°35	4° 8	2°59	2° 2	20°38	13° 2	9°58	9° 6	13°52	15°16	8° 4	23°17	M29
T 30	6 34 10	8°17'38	9♈ 0	26°56	5°23	3°44	1°56	20°45	13° 5	10° 0	9° 5	13°R52	15°13	8°11	23°18	T 30
W31	6 38 6	9♑18'46	23♈ 9	28♑15	6♒37	4♑29	1♊51	20♑52	13♒ 8	10♒ 2	9♋ 4	13♌51	15♌10	8♏18	23♓20	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21s45	8s18	2s27	23s28	1s10	24s25	1s 0	22s41	0s27	20n14	0s57	22s 6	0n10	17s51	0s39	17s52	0n 5	18n51	4s13	16n 5	15n48	8s24	0n57	4n 4
T 2	21 54	3 43	3 27	23 45	1 15	24 27	1 2	22 48	0 28	20 13	0 57	22 6	0 10	17 50	0 39	17 51	0 5	18 51	4 13	16 5	15 49	8 26	0 57	4 3
W 3	22 3	1n11	4 16	24 0	1 21	24 29	1 4	22 54	0 28	20 11	0 57	22 5	0 9	17 50	0 39	17 51	0 5	18 51	4 13	16 6	15 50	8 28	0 56	4 3
T 4	22 11	6 7	4 49	24 15	1 26	24 29	1 6	22 59	0 29	20 10	0 57	22 4	0 9	17 49	0 39	17 50	0 5	18 51	4 13	16 8	15 51	8 30	0 56	4 3
F 5	22 19	10 47	5 3	24 28	1 31	24 29	1 8	23 5	0 29	20 9	0 56	22 3	0 9	17 48	0 39	17 50	0 5	18 51	4 13	16 11	15 52	8 32	0 56	4 2
S 6	22 27	14 48	4 57	24 41	1 36	24 28	1 10	23 10	0 30	20 8	0 56	22 3	0 9	17 48	0 39	17 50	0 5	18 52	4 13	16 13	15 53	8 34	0 55	4 2
S 7	22 34	17 50	4 30	24 51	1 41	24 27	1 12	23 15	0 30	20 6	0 56	22 2	0 9	17 47	0 39	17 49	0 5	18 52	4 13	16 16	15 54	8 36	0 55	4 2
M 8	22 40	19 39	3 45	25 1	1 45	24 25	1 14	23 20	0 31	20 5	0 56	22 1	0 9	17 46	0 39	17 49	0 5	18 52	4 13	16 19	15 55	8 38	0 55	4 1
T 9	22 46	20 7	2 46	25 9	1 49	24 22	1 16	23 24	0 31	20 4	0 56	22 0	0 9	17 46	0 39	17 49	0 5	18 52	4 13	16 21	15 56	8 40	0 55	4 1
W10	22 52	19 18	1 39	25 16	1 53	24 18	1 18	23 29	0 32	20 2	0 56	22 0	0 9	17 45	0 39	17 48	0 5	18 52	4 13	16 22	15 57	8 42	0 55	4 1
T 11	22 57	17 22	0 28	25 21	1 57	24 13	1 20	23 33	0 33	20 1	0 55	21 59	0 9	17 44	0 39	17 48	0 5	18 52	4 13	16 22	15 58	8 44	0 55	4 1
F 12	23 2	14 35	0n43	25 25	2 0	24 8	1 21	23 37	0 33	20 0	0 55	21 58	0 9	17 44	0 39	17 47	0 5	18 52	4 13	16 22	15 59	8 46	0 55	4 0
S 13	23 7	11 11	1 49	25 28	2 3	24 2	1 23	23 40	0 34	19 59	0 55	21 57	0 9	17 43	0 39	17 47	0 5	18 52	4 13	16 22	16 0	8 48	0 54	4 0
S 14	23 10	7 22	2 48	25 29	2 6	23 55	1 25	23 44	0 34	19 58	0 55	21 56	0 9	17 42	0 39	17 46	0 5	18 52	4 13	16 22	16 0	8 51	0 54	4 0
M15	23 14	3 21	3 38	25 29	2 9	23 48	1 26	23 47	0 35	19 56	0 55	21 55	0 8	17 41	0 39	17 46	0 5	18 52	4 13	16 22	16 1	8 53	0 54	3 59
T 16	23 17	0s44	4 18	25 27	2 11	23 40	1 28	23 50	0 35	19 55	0 55	21 55	0 8	17 41	0 39	17 46	0 5	18 53	4 13	16 22	16 2	8 55	0 54	3 59
W17	23 19	4 46	4 47	25 24	2 12	23 31	1 29	23 53	0 36	19 54	0 54	21 54	0 8	17 40	0 39	17 45	0 5	18 53	4 13	16 24	16 3	8 57	0 54	3 59
T 18	23 21	8 37	5 3	25 19	2 14	23 21	1 31	23 55	0 36	19 53	0 54	21 53	0 8	17 39	0 39	17 45	0 5	18 53	4 13	16 26	16 4	8 59	0 54	3 59
F 19	23 23	12 8	5 7	25 13	2 15	23 11	1 32	23 57	0 37	19 52	0 54	21 52	0 8	17 38	0 39	17 44	0 5	18 53	4 13	16 28	16 5	9 1	0 55	3 58
S 20	23 24	15 12	4 57	25 5	2 15	23 0	1 33	23 59	0 37	19 51	0 54	21 51	0 8	17 38	0 39	17 44	0 5	18 53	4 13	16 31	16 6	9 3	0 55	3 58
S 21	23 25	17 39	4 33	24 56	2 15	22 48	1 34	24 1	0 38	19 50	0 53	21 50	0 8	17 37	0 39	17 43	0 5	18 53	4 13	16 33	16 7	9 5	0 55	3 58
M22	23 25	19 20	3 57	24 46	2 15	22 36	1 35	24 2	0 38	19 49	0 53	21 49	0 8	17 36	0 39	17 43	0 5	18 53	4 13	16 36	16 8	9 7	0 55	3 57
T 23	23 25	20 7	3 9	24 34	2 14	22 23	1 36	24 3	0 39	19 48	0 53	21 48	0 8	17 35	0 39	17 42	0 5	18 53	4 13	16 38	16 9	9 9	0 55	3 57
W24	23 24	19 55	2 10	24 20	2 12	22 9	1 37	24 4	0 39	19 47	0 53	21 47	0 8	17 34	0 39	17 42	0 5	18 53	4 13	16 39	16 10	9 11	0 55	3 57
T 25	23 23	18 41	1 5	24 5	2 10	21 55	1 38	24 5	0 40	19 46	0 53	21 46	0 8	17 34	0 39	17 41	0 5	18 54	4 13	16 40	16 11	9 13	0 55	3 57
F 26	23 21	16 28	0s 6	23 49	2 7	21 40	1 39	24 5	0 41	19 45	0 52	21 46	0 8	17 33	0 39	17 41	0 5	18 54	4 13	16 40	16 12	9 15	0 56	3 56
S 27	23 19	13 21	1 17	23 31	2 3	21 24	1 40	24 5	0 41	19 44	0 52	21 45	0 8	17 32	0 39	17 40	0 5	18 54	4 13	16 40	16 13	9 17	0 56	3 56
S 28	23 16	9 30	2 25	23 13	1 59	21 8	1 41	24 5	0 42	19 43	0 52	21 44	0 8	17 31	0 39	17 40	0 5	18 54	4 13	16 39	16 14	9 19	0 56	3 56
M29	23 13	5 6	3 26	22 52	1 54	20 51	1 41	24 5	0 42	19 42	0 52	21 43	0 7	17 30	0 39	17 39	0 5	18 54	4 13	16 39	16 15	9 21	0 56	3 55
T 30	23 9	0 22	4 16	22 31	1 48	20 33	1 42	24 4	0 43	19 41	0 51	21 42	0 7	17 29	0 39	17 39	0 5	18 54	4 13	16 39	16 15	9 23	0 57	3 55
W31	23s 5	4n28	4s52	22s 9	1s42	20s15	1s43	24s 3	0s43	19n41	0s51	21s41	0n 7	17s28	0s39	17s38	0n 5	18n54	4s13	16n39	16n16	9s25	0n57	3n55

Julian Day Number = 2512509.5, Delta T = 134.03 sec
Ecliptic obliquity = 23°24'56, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°04'22, Lahiri = 26°11'22

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2167
geocentric

JANUARY 2167 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 42 3	10♑19'53	7♉30	29♑31	7♒52	5♑14	1°R46	20♑59	13♒11	10♒ 4	9°R 2	13°R49	15♌ 6	8♏24	23♓21	T 1
F 2	6 45 59	11°21'01	22° 2	0♒42	9° 6	5°59	1♊42	21° 6	13°15	10° 6	9♋ 1	13♌45	15° 3	8°31	23°23	F 2
S 3	6 49 56	12°22'09	6♊38	1°50	10°21	6°44	1°37	21°13	13°18	10° 9	9° 0	13°40	15° 0	8°38	23°25	S 3
S 4	6 53 53	13°23'16	21°13	2°53	11°35	7°29	1°33	21°20	13°21	10°11	8°59	13°36	14°57	8°45	23°26	S 4
M 5	6 57 49	14°24'24	5♋41	3°50	12°50	8°15	1°29	21°27	13°24	10°13	8°57	13°31	14°54	8°51	23°28	M 5
T 6	7 1 46	15°25'31	19°54	4°41	14° 4	9° 0	1°25	21°35	13°27	10°15	8°56	13°28	14°50	8°58	23°30	T 6
W 7	7 5 42	16°26'39	3♌48	5°24	15°18	9°45	1°21	21°42	13°30	10°17	8°55	13°26	14°47	9° 5	23°32	W 7
T 8	7 9 39	17°27'47	17°20	5°59	16°33	10°31	1°17	21°49	13°33	10°19	8°54	13°D26	14°44	9°12	23°34	T 8
F 9	7 13 35	18°28'54	0♍29	6°25	17°47	11°16	1°14	21°56	13°37	10°21	8°53	13°27	14°41	9°18	23°36	F 9
S 10	7 17 32	19°30'02	13°15	6°40	19° 1	12° 2	1°11	22° 3	13°40	10°23	8°51	13°29	14°38	9°25	23°38	S 10
S 11	7 21 28	20°31'10	25°42	6°R45	20°15	12°47	1° 8	22°10	13°43	10°26	8°50	13°30	14°35	9°32	23°40	S 11
M12	7 25 25	21°32'17	7♎53	6°39	21°29	13°33	1° 5	22°17	13°47	10°28	8°49	13°32	14°31	9°38	23°42	M12
T 13	7 29 22	22°33'25	19°53	6°21	22°44	14°19	1° 2	22°24	13°50	10°30	8°48	13°R32	14°28	9°45	23°44	T 13
W14	7 33 18	23°34'33	1♏47	5°51	23°58	15° 4	1° 0	22°31	13°53	10°32	8°47	13°32	14°25	9°52	23°46	W14
T 15	7 37 15	24°35'41	13°39	5°10	25°12	15°50	0°58	22°38	13°57	10°34	8°45	13°31	14°22	9°59	23°48	T 15
F 16	7 41 11	25°36'49	25°34	4°17	26°26	16°36	0°56	22°46	14° 0	10°36	8°44	13°29	14°19	10° 5	23°51	F 16
S 17	7 45 8	26°37'57	7♐36	3°16	27°40	17°21	0°54	22°53	14° 3	10°39	8°43	13°27	14°15	10°12	23°53	S 17
S 18	7 49 4	27°39'04	19°49	2° 7	28°54	18° 7	0°52	23° 0	14° 7	10°41	8°42	13°24	14°12	10°19	23°55	S 18
M19	7 53 1	28°40'12	2♑14	0°52	0♓ 8	18°53	0°51	23° 7	14°10	10°43	8°41	13°22	14° 9	10°26	23°58	M19
T 20	7 56 57	29°41'19	14°55	29♑35	1°22	19°39	0°50	23°14	14°13	10°45	8°40	13°20	14° 6	10°32	24° 0	T 20
W21	8 0 54	0♒42'25	27°51	28°16	2°36	20°25	0°49	23°21	14°17	10°48	8°39	13°18	14° 3	10°39	24° 3	W21
T 22	8 4 51	1°43'31	11♒ 2	26°59	3°49	21°11	0°48	23°28	14°20	10°50	8°37	13°D18	14° 0	10°46	24° 5	T 22
F 23	8 8 47	2°44'37	24°28	25°46	5° 3	21°57	0°48	23°35	14°24	10°52	8°36	13°18	13°56	10°52	24° 8	F 23
S 24	8 12 44	3°45'41	8♓ 6	24°39	6°17	22°43	0°47	23°42	14°27	10°54	8°35	13°19	13°53	10°59	24°10	S 24
S 25	8 16 40	4°46'45	21°55	23°39	7°31	23°29	0°D47	23°49	14°31	10°57	8°34	13°20	13°50	11° 6	24°13	S 25
M26	8 20 37	5°47'48	5♈53	22°47	8°44	24°15	0°47	23°56	14°34	10°59	8°33	13°20	13°47	11°13	24°16	M26
T 27	8 24 33	6°48'50	19°57	22° 4	9°58	25° 1	0°47	24° 3	14°38	11° 1	8°32	13°21	13°44	11°19	24°18	T 27
W28	8 28 30	7°49'50	4♉ 6	21°30	11°11	25°48	0°48	24°10	14°41	11° 4	8°31	13°R21	13°41	11°26	24°21	W28
T 29	8 32 26	8°50'50	18°18	21° 5	12°25	26°34	0°49	24°17	14°45	11° 6	8°30	13°21	13°37	11°33	24°24	T 29
F 30	8 36 23	9°51'48	2♊30	20°49	13°38	27°20	0°49	24°24	14°48	11° 8	8°29	13°21	13°34	11°39	24°27	F 30
S 31	8 40 20	10♒52'46	16♊40	20°D42	14♓52	28♑ 6	0♊51	24♑31	14♒52	11♒10	8♋28	13♌21	13♌31	11♏46	24♓30	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s 1	9n 7	5s10	21s46	1s34	19s57	1s43	24s 2	0s44	19n40	0s51	21s40	0n 7	17s28	0s39	17s38	0n 5	18n55	4s13	16n40	16n17	9s27	0n57	3n55
F 2	22 56	13 17	5 9	21 22	1 26	19 37	1 43	24 1	0 44	19 39	0 51	21 39	0 7	17 27	0 39	17 37	0 5	18 55	4 12	16 41	16 18	9 29	0 58	3 54
S 3	22 50	16 40	4 47	20 58	1 16	19 18	1 44	23 59	0 45	19 38	0 51	21 38	0 7	17 26	0 39	17 37	0 5	18 55	4 12	16 42	16 19	9 31	0 58	3 54
S 4	22 45	19 1	4 8	20 33	1 5	18 57	1 44	23 57	0 45	19 38	0 50	21 37	0 7	17 25	0 39	17 36	0 5	18 55	4 12	16 44	16 20	9 33	0 59	3 54
M 5	22 38	20 6	3 12	20 9	0 54	18 36	1 44	23 55	0 46	19 37	0 50	21 36	0 7	17 24	0 39	17 36	0 5	18 55	4 12	16 45	16 21	9 35	0 59	3 54
T 6	22 31	19 52	2 5	19 44	0 41	18 15	1 44	23 53	0 46	19 37	0 50	21 35	0 7	17 23	0 39	17 35	0 5	18 55	4 12	16 46	16 22	9 37	1 0	3 53
W 7	22 24	18 26	0 53	19 20	0 27	17 53	1 44	23 50	0 46	19 36	0 50	21 33	0 7	17 22	0 39	17 34	0 5	18 55	4 12	16 46	16 23	9 39	1 0	3 53
T 8	22 17	15 58	0n21	18 57	0 12	17 31	1 44	23 47	0 47	19 36	0 49	21 32	0 7	17 21	0 39	17 34	0 5	18 56	4 12	16 46	16 24	9 41	1 1	3 53
F 9	22 9	12 44	1 32	18 35	0n 4	17 8	1 44	23 44	0 47	19 35	0 49	21 31	0 7	17 20	0 39	17 33	0 5	18 56	4 12	16 46	16 25	9 43	1 1	3 52
S 10	22 0	8 59	2 37	18 15	0 21	16 45	1 43	23 40	0 48	19 35	0 49	21 30	0 7	17 19	0 39	17 33	0 5	18 56	4 12	16 46	16 26	9 45	1 2	3 52
S 11	21 51	4 57	3 32	17 56	0 39	16 21	1 43	23 36	0 48	19 34	0 49	21 29	0 6	17 18	0 39	17 32	0 5	18 56	4 12	16 45	16 27	9 47	1 2	3 52
M12	21 42	0 48	4 16	17 40	0 57	15 57	1 43	23 32	0 49	19 34	0 48	21 28	0 6	17 17	0 39	17 32	0 5	18 56	4 12	16 45	16 28	9 49	1 3	3 52
T 13	21 32	3s18	4 49	17 26	1 16	15 32	1 42	23 28	0 49	19 34	0 48	21 27	0 6	17 16	0 39	17 31	0 5	18 56	4 12	16 45	16 28	9 51	1 3	3 51
W14	21 22	7 15	5 9	17 15	1 35	15 7	1 42	23 23	0 50	19 34	0 48	21 26	0 6	17 15	0 39	17 30	0 5	18 56	4 12	16 45	16 29	9 53	1 4	3 51
T 15	21 11	10 54	5 15	17 7	1 54	14 42	1 41	23 18	0 50	19 33	0 48	21 25	0 6	17 14	0 38	17 30	0 5	18 57	4 12	16 45	16 30	9 55	1 5	3 51
F 16	21 0	14 8	5 8	17 2	2 12	14 16	1 40	23 13	0 51	19 33	0 47	21 24	0 6	17 14	0 38	17 29	0 5	18 57	4 11	16 46	16 31	9 57	1 5	3 51
S 17	20 48	16 49	4 48	17 0	2 29	13 50	1 39	23 8	0 51	19 33	0 47	21 23	0 6	17 13	0 38	17 29	0 4	18 57	4 11	16 46	16 32	9 59	1 6	3 51
S 18	20 37	18 48	4 14	17 0	2 44	13 23	1 38	23 2	0 52	19 33	0 47	21 22	0 6	17 12	0 38	17 28	0 4	18 57	4 11	16 47	16 33	10 1	1 7	3 50
M19	20 24	19 56	3 28	17 3	2 58	12 56	1 37	22 57	0 52	19 33	0 46	21 20	0 6	17 11	0 38	17 27	0 4	18 57	4 11	16 48	16 34	10 3	1 8	3 50
T 20	20 12	20 5	2 31	17 8	3 9	12 29	1 36	22 51	0 52	19 33	0 46	21 19	0 6	17 10	0 38	17 27	0 4	18 57	4 11	16 48	16 35	10 5	1 8	3 50
W21	19 59	19 11	1 25	17 15	3 18	12 1	1 35	22 44	0 53	19 33	0 46	21 18	0 6	17 9	0 38	17 26	0 4	18 58	4 11	16 49	16 36	10 7	1 9	3 50
T 22	19 45	17 15	0 13	17 24	3 25	11 33	1 34	22 38	0 53	19 33	0 46	21 17	0 6	17 8	0 38	17 26	0 4	18 58	4 11	16 49	16 37	10 9	1 10	3 49
F 23	19 32	14 19	1s 1	17 33	3 29	11 5	1 33	22 31	0 54	19 33	0 45	21 16	0 6	17 7	0 38	17 25	0 4	18 58	4 11	16 49	16 38	10 11	1 11	3 49
S 24	19 18	10 35	2 13	17 44	3 30	10 37	1 31	22 24	0 54	19 33	0 45	21 15	0 6	17 6	0 38	17 24	0 4	18 58	4 11	16 48	16 39	10 13	1 11	3 49
S 25	19 3	6 14	3 18	17 55	3 29	10 8	1 30	22 16	0 54	19 34	0 45	21 14	0 5	17 5	0 38	17 24	0 4	18 58	4 11	16 48	16 39	10 15	1 12	3 49
M26	18 48	1 31	4 12	18 6	3 26	9 39	1 28	22 9	0 55	19 34	0 45	21 13	0 5	17 4	0 38	17 23	0 4	18 58	4 11	16 48	16 40	10 17	1 13	3 48
T 27	18 33	3n18	4 51	18 17	3 22	9 10	1 27	22 1	0 55	19 34	0 44	21 11	0 5	17 3	0 38	17 23	0 4	18 59	4 10	16 48	16 41	10 19	1 14	3 48
W28	18 18	7 58	5 13	18 29	3 15	8 40	1 25	21 53	0 56	19 35	0 44	21 10	0 5	17 2	0 38	17 22	0 4	18 59	4 10	16 48	16 42	10 21	1 15	3 48
T 29	18 2	12 12	5 16	18 40	3 8	8 11	1 23	21 44	0 56	19 35	0 44	21 9	0 5	17 1	0 38	17 21	0 4	18 59	4 10	16 48	16 43	10 23	1 16	3 48
F 30	17 46	15 45	5 0	18 51	2 59	7 41	1 21	21 36	0 56	19 35	0 44	21 8	0 5	16 59	0 38	17 21	0 4	18 59	4 10	16 48	16 44	10 25	1 17	3 48
S 31	17s29	18n21	4s25	19s 1	2n50	7s11	1s19	21s27	0s57	19n36	0s43	21s 7	0n 5	16s58	0s38	17s20	0n 4	18n59	4s10	16n48	16n45	10s27	1n18	3n47

Julian Day Number = 2512540.5, Delta T = 134.10 sec
Ecliptic obliquity = 23°24'56, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°04'26, Lahiri = 26°11'27

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2167
geocentric

FEBRUARY 2167 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 44 16	11♒53'42	0♋46	20♑42	16♓ 5	28♑53	0♊52	24♑38	14♒55	11♒13	8°R27	13°R20	13♌28	11♏53	24♓33	S 1
M 2	8 48 13	12°54'37	14°43	20°50	17°18	29°39	0°53	24°45	14°59	11°15	8♋26	13°D20	13°25	12° 0	24°36	M 2
T 3	8 52 9	13°55'31	28°28	21° 5	18°32	0♒25	0°55	24°52	15° 2	11°17	8°25	13♌20	13°21	12° 6	24°39	T 3
W 4	8 56 6	14°56'24	12♌ 1	21°27	19°45	1°12	0°57	24°59	15° 6	11°19	8°24	13°R20	13°18	12°13	24°42	W 4
T 5	9 0 2	15°57'16	25°17	21°54	20°58	1°58	0°59	25° 5	15° 9	11°22	8°23	13°20	13°15	12°20	24°45	T 5
F 6	9 3 59	16°58'07	8♍16	22°27	22°11	2°45	1° 1	25°12	15°13	11°24	8°22	13°20	13°12	12°27	24°48	F 6
S 7	9 7 56	17°58'56	20°59	23° 5	23°24	3°31	1° 4	25°19	15°16	11°26	8°21	13°20	13° 9	12°33	24°51	S 7
S 8	9 11 52	18°59'45	3♎25	23°47	24°36	4°18	1° 7	25°26	15°20	11°29	8°20	13°19	13° 6	12°40	24°54	S 8
M 9	9 15 49	20° 0'33	15°37	24°34	25°49	5° 4	1° 9	25°32	15°23	11°31	8°19	13°18	13° 2	12°47	24°57	M 9
T 10	9 19 45	21° 1'20	27°39	25°24	27° 2	5°51	1°13	25°39	15°26	11°33	8°19	13°17	12°59	12°53	25° 0	T 10
W11	9 23 42	22° 2'05	9♏34	26°18	28°15	6°37	1°16	25°46	15°30	11°35	8°18	13°17	12°56	13° 0	25° 4	W11
T 12	9 27 38	23° 2'50	21°27	27°15	29°27	7°24	1°19	25°52	15°33	11°38	8°17	13°D16	12°53	13° 7	25° 7	T 12
F 13	9 31 35	24° 3'34	3♐22	28°14	0♈40	8°10	1°23	25°59	15°37	11°40	8°16	13°16	12°50	13°14	25°10	F 13
S 14	9 35 31	25° 4'17	15°23	29°17	1°52	8°57	1°27	26° 6	15°40	11°42	8°15	13°17	12°47	13°20	25°13	S 14
S 15	9 39 28	26° 4'59	27°36	0♒21	3° 4	9°44	1°31	26°12	15°44	11°44	8°14	13°18	12°43	13°27	25°17	S 15
M16	9 43 24	27° 5'39	10♑ 5	1°29	4°17	10°30	1°35	26°18	15°47	11°47	8°14	13°19	12°40	13°34	25°20	M16
T 17	9 47 21	28° 6'19	22°52	2°38	5°29	11°17	1°39	26°25	15°51	11°49	8°13	13°21	12°37	13°41	25°24	T 17
W18	9 51 18	29° 6'57	6♒ 1	3°49	6°41	12° 4	1°44	26°31	15°54	11°51	8°12	13°21	12°34	13°47	25°27	W18
T 19	9 55 14	0♓ 7'34	19°30	5° 2	7°53	12°51	1°49	26°38	15°58	11°53	8°12	13°R21	12°31	13°54	25°30	T 19
F 20	9 59 11	1° 8'10	3♓19	6°17	9° 5	13°37	1°54	26°44	16° 1	11°55	8°11	13°21	12°27	14° 1	25°34	F 20
S 21	10 3 7	2° 8'43	17°26	7°33	10°17	14°24	1°59	26°50	16° 4	11°57	8°10	13°19	12°24	14° 7	25°37	S 21
S 22	10 7 4	3° 9'16	1♈45	8°51	11°29	15°11	2° 4	26°56	16° 8	12° 0	8°10	13°16	12°21	14°14	25°41	S 22
M23	10 11 0	4° 9'46	16°11	10°10	12°40	15°58	2°10	27° 3	16°11	12° 2	8° 9	13°13	12°18	14°21	25°44	M23
T 24	10 14 57	5°10'15	0♉39	11°31	13°52	16°45	2°15	27° 9	16°15	12° 4	8° 8	13°10	12°15	14°28	25°48	T 24
W25	10 18 53	6°10'42	15° 3	12°53	15° 3	17°32	2°21	27°15	16°18	12° 6	8° 8	13° 8	12°12	14°34	25°51	W25
T 26	10 22 50	7°11'07	29°20	14°16	16°15	18°19	2°27	27°21	16°21	12° 8	8° 7	13° 7	12° 8	14°41	25°55	T 26
F 27	10 26 47	8°11'30	13♊27	15°41	17°26	19° 5	2°33	27°27	16°25	12°10	8° 7	13°D 7	12° 5	14°48	25°58	F 27
S 28	10 30 43	9♓11'51	27♊22	17♒ 6	18♈37	19♒52	2♊39	27♑33	16♒28	12♒12	8♋ 6	13♌ 8	12♌ 2	14♏54	26♓ 2	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s12	19n50	3s35	19s11	2n40	6s40	1s17	21s18	0s57	19n36	0s43	21s 6	0n 5	16s57	0s38	17s20	0n 4	18n59	4s10	16n48	16n46	10s29	1n19	3n47
M 2	16 55	20 5	2 32	19 21	2 29	6 10	1 15	21 9	0 58	19 37	0 43	21 4	0 5	16 56	0 38	17 19	0 4	19 0	4 10	16 48	16 47	10 31	1 20	3 47
T 3	16 38	19 7	1 22	19 29	2 18	5 39	1 13	20 59	0 58	19 38	0 43	21 3	0 5	16 55	0 38	17 18	0 4	19 0	4 10	16 48	16 48	10 33	1 21	3 47
W 4	16 20	17 3	0 7	19 37	2 7	5 9	1 11	20 49	0 58	19 38	0 42	21 2	0 5	16 54	0 38	17 18	0 4	19 0	4 10	16 48	16 49	10 35	1 22	3 47
T 5	16 2	14 7	1n 6	19 44	1 56	4 38	1 9	20 39	0 59	19 39	0 42	21 1	0 5	16 53	0 38	17 17	0 4	19 0	4 9	16 48	16 49	10 37	1 23	3 46
F 6	15 44	10 32	2 14	19 49	1 45	4 7	1 6	20 29	0 59	19 40	0 42	21 0	0 5	16 52	0 38	17 16	0 4	19 0	4 9	16 48	16 50	10 39	1 24	3 46
S 7	15 26	6 33	3 14	19 54	1 34	3 36	1 4	20 19	0 59	19 40	0 42	20 59	0 5	16 51	0 38	17 16	0 4	19 0	4 9	16 48	16 51	10 41	1 25	3 46
S 8	15 7	2 22	4 3	19 58	1 22	3 5	1 1	20 8	1 0	19 41	0 41	20 58	0 5	16 50	0 38	17 15	0 4	19 1	4 9	16 48	16 52	10 43	1 26	3 46
M 9	14 48	1s49	4 41	20 1	1 11	2 33	0 59	19 57	1 0	19 42	0 41	20 56	0 4	16 49	0 38	17 15	0 4	19 1	4 9	16 49	16 53	10 45	1 27	3 46
T 10	14 29	5 53	5 5	20 3	1 0	2 2	0 56	19 46	1 0	19 43	0 41	20 55	0 4	16 48	0 39	17 14	0 4	19 1	4 9	16 49	16 54	10 47	1 28	3 45
W11	14 9	9 40	5 16	20 4	0 50	1 31	0 53	19 35	1 1	19 44	0 41	20 54	0 4	16 47	0 39	17 13	0 4	19 1	4 9	16 49	16 55	10 49	1 29	3 45
T 12	13 49	13 3	5 14	20 3	0 39	0 59	0 50	19 23	1 1	19 45	0 40	20 53	0 4	16 46	0 39	17 13	0 4	19 1	4 9	16 49	16 56	10 51	1 30	3 45
F 13	13 29	15 56	4 58	20 1	0 29	0 28	0 47	19 12	1 1	19 46	0 40	20 52	0 4	16 45	0 39	17 12	0 4	19 1	4 8	16 49	16 57	10 53	1 31	3 45
S 14	13 9	18 10	4 29	19 58	0 19	0n 4	0 44	19 0	1 2	19 47	0 40	20 51	0 4	16 44	0 39	17 12	0 4	19 2	4 8	16 49	16 58	10 55	1 33	3 45
S 15	12 49	19 37	3 47	19 54	0 9	0 35	0 41	18 48	1 2	19 48	0 40	20 49	0 4	16 43	0 39	17 11	0 4	19 2	4 8	16 49	16 58	10 57	1 34	3 45
M16	12 28	20 9	2 54	19 49	0s 0	1 7	0 38	18 35	1 2	19 49	0 40	20 48	0 4	16 42	0 39	17 10	0 4	19 2	4 8	16 48	16 59	10 59	1 35	3 44
T 17	12 7	19 39	1 51	19 43	0 10	1 38	0 35	18 23	1 3	19 50	0 39	20 47	0 4	16 41	0 39	17 10	0 4	19 2	4 8	16 48	17 0	11 1	1 36	3 44
W18	11 46	18 6	0 41	19 35	0 19	2 10	0 32	18 10	1 3	19 51	0 39	20 46	0 4	16 40	0 39	17 9	0 4	19 2	4 8	16 48	17 1	11 3	1 37	3 44
T 19	11 25	15 30	0s34	19 26	0 27	2 41	0 29	17 57	1 3	19 52	0 39	20 45	0 4	16 39	0 39	17 9	0 4	19 3	4 8	16 48	17 2	11 5	1 39	3 44
F 20	11 4	11 57	1 48	19 16	0 36	3 12	0 26	17 44	1 3	19 53	0 39	20 44	0 4	16 38	0 39	17 8	0 4	19 3	4 8	16 48	17 3	11 7	1 40	3 44
S 21	10 42	7 41	2 57	19 4	0 44	3 44	0 22	17 31	1 4	19 55	0 38	20 43	0 4	16 37	0 39	17 7	0 4	19 3	4 7	16 48	17 4	11 9	1 41	3 44
S 22	10 20	2 55	3 56	18 51	0 51	4 15	0 19	17 17	1 4	19 56	0 38	20 41	0 4	16 36	0 39	17 7	0 4	19 3	4 7	16 49	17 5	11 11	1 42	3 44
M23	9 58	2n 3	4 40	18 37	0 59	4 46	0 15	17 3	1 4	19 57	0 38	20 40	0 3	16 35	0 39	17 6	0 4	19 3	4 7	16 50	17 6	11 13	1 44	3 43
T 24	9 36	6 53	5 7	18 22	1 6	5 17	0 12	16 50	1 5	19 59	0 38	20 39	0 3	16 34	0 39	17 6	0 4	19 3	4 7	16 51	17 7	11 15	1 45	3 43
W25	9 14	11 19	5 14	18 6	1 13	5 48	0 8	16 36	1 5	20 0	0 37	20 38	0 3	16 33	0 39	17 5	0 4	19 4	4 7	16 51	17 7	11 17	1 46	3 43
T 26	8 52	15 4	5 2	17 48	1 19	6 19	0 5	16 21	1 5	20 1	0 37	20 37	0 3	16 32	0 39	17 4	0 4	19 4	4 7	16 52	17 8	11 19	1 47	3 43
F 27	8 29	17 54	4 32	17 29	1 25	6 49	0 1	16 7	1 5	20 3	0 37	20 36	0 3	16 31	0 39	17 4	0 4	19 4	4 7	16 52	17 9	11 21	1 49	3 43
S 28	8s 7	19n38	3s46	17s 8	1s31	7n20	0n 3	15s53	1s 6	20n 4	0s37	20s35	0n 3	16s30	0s39	17s 3	0n 4	19n 4	4s 6	16n52	17n10	11s23	1n50	3n43

Julian Day Number = 2512571.5, Delta T = 134.16 sec
Ecliptic obliquity = 23°24'57, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°04'30, Lahiri = 26°11'31

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2167
geocentric

MARCH 2167 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 34 40	10♓12'11	11♋ 5	18♒33	19♈48	20♒39	2♊46	27♑39	16♒31	12♒14	8°R 6	13♌ 9	11♌59	15♏ 1	26♓ 6	S 1
M 2	10 38 36	11°12'28	24°36	20° 1	20°59	21°26	2°52	27°44	16°34	12°17	8♋ 5	13°11	11°56	15° 8	26° 9	M 2
T 3	10 42 33	12°12'43	7♌54	21°31	22°10	22°13	2°59	27°50	16°38	12°19	8° 5	13°R12	11°53	15°15	26°13	T 3
W 4	10 46 29	13°12'57	21° 1	23° 1	23°20	23° 0	3° 6	27°56	16°41	12°21	8° 4	13°12	11°49	15°21	26°16	W 4
T 5	10 50 26	14°13'08	3♍55	24°32	24°31	23°47	3°13	28° 2	16°44	12°23	8° 4	13°10	11°46	15°28	26°20	T 5
F 6	10 54 22	15°13'18	16°37	26° 5	25°41	24°34	3°21	28° 7	16°47	12°25	8° 4	13° 7	11°43	15°35	26°24	F 6
S 7	10 58 19	16°13'26	29° 8	27°38	26°52	25°21	3°28	28°13	16°50	12°27	8° 3	13° 2	11°40	15°42	26°27	S 7
S 8	11 2 16	17°13'32	11♎27	29°13	28° 2	26° 8	3°35	28°18	16°54	12°29	8° 3	12°56	11°37	15°48	26°31	S 8
M 9	11 6 12	18°13'36	23°36	0♓49	29°12	26°55	3°43	28°24	16°57	12°30	8° 2	12°49	11°33	15°55	26°35	M 9
T 10	11 10 9	19°13'39	5♏36	2°26	0♉22	27°42	3°51	28°29	17° 0	12°32	8° 2	12°43	11°30	16° 2	26°38	T 10
W11	11 14 5	20°13'40	17°31	4° 4	1°31	28°29	3°59	28°34	17° 3	12°34	8° 2	12°37	11°27	16° 8	26°42	W11
T 12	11 18 2	21°13'39	29°23	5°43	2°41	29°16	4° 7	28°39	17° 6	12°36	8° 2	12°33	11°24	16°15	26°46	T 12
F 13	11 21 58	22°13'37	11♐16	7°23	3°50	0♓ 3	4°15	28°45	17° 9	12°38	8° 1	12°31	11°21	16°22	26°49	F 13
S 14	11 25 55	23°13'33	23°16	9° 4	5° 0	0°50	4°24	28°50	17°12	12°40	8° 1	12°D30	11°18	16°29	26°53	S 14
S 15	11 29 51	24°13'28	5♑26	10°47	6° 9	1°37	4°32	28°55	17°15	12°42	8° 1	12°30	11°14	16°35	26°57	S 15
M16	11 33 48	25°13'21	17°52	12°31	7°18	2°24	4°41	29° 0	17°18	12°44	8° 1	12°32	11°11	16°42	27° 0	M16
T 17	11 37 45	26°13'12	0♒39	14°16	8°27	3°11	4°50	29° 5	17°21	12°45	8° 1	12°33	11° 8	16°49	27° 4	T 17
W18	11 41 41	27°13'01	13°50	16° 2	9°36	3°58	4°58	29°10	17°24	12°47	8° 1	12°R34	11° 5	16°55	27° 8	W18
T 19	11 45 38	28°12'49	27°27	17°49	10°44	4°45	5° 7	29°14	17°27	12°49	8° 1	12°33	11° 2	17° 2	27°12	T 19
F 20	11 49 34	29°12'35	11♓30	19°37	11°53	5°32	5°17	29°19	17°29	12°51	8° 0	12°30	10°58	17° 9	27°15	F 20
S 21	11 53 31	0♈12'19	25°56	21°27	13° 1	6°19	5°26	29°24	17°32	12°52	8° 0	12°24	10°55	17°16	27°19	S 21
S 22	11 57 27	1°12'01	10♈41	23°18	14° 9	7° 6	5°35	29°28	17°35	12°54	8°D 0	12°17	10°52	17°22	27°23	S 22
M23	12 1 24	2°11'41	25°35	25°10	15°17	7°53	5°45	29°33	17°38	12°56	8° 0	12° 9	10°49	17°29	27°26	M23
T 24	12 5 20	3°11'19	10♉30	27° 3	16°24	8°40	5°54	29°37	17°40	12°57	8° 0	12° 2	10°46	17°36	27°30	T 24
W25	12 9 17	4°10'54	25°18	28°58	17°32	9°27	6° 4	29°41	17°43	12°59	8° 1	11°55	10°43	17°43	27°34	W25
T 26	12 13 13	5°10'28	9♊51	0♈54	18°39	10°15	6°14	29°46	17°46	13° 0	8° 1	11°50	10°39	17°49	27°37	T 26
F 27	12 17 10	6° 9'59	24° 6	2°50	19°46	11° 2	6°24	29°50	17°48	13° 2	8° 1	11°48	10°36	17°56	27°41	F 27
S 28	12 21 7	7° 9'28	8♋ 0	4°49	20°53	11°49	6°34	29°54	17°51	13° 3	8° 1	11°D47	10°33	18° 3	27°45	S 28
S 29	12 25 3	8° 8'55	21°34	6°48	22° 0	12°36	6°44	29°58	17°53	13° 5	8° 1	11°48	10°30	18° 9	27°48	S 29
M30	12 29 0	9° 8'19	4♌50	8°48	23° 6	13°22	6°55	0♒ 2	17°56	13° 6	8° 1	11°48	10°27	18°16	27°52	M30
T 31	12 32 56	10♈ 7'41	17♌50	10♈49	24♉13	14♓ 9	7♊ 5	0♒ 6	17♒58	13♒ 8	8♋ 1	11°R48	10♌24	18♏23	27♓56	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s44	20n11	2s47	16s47	1s37	7n50	0n 6	15s38	1s 6	20n 6	0s37	20s34	0n 3	16s29	0s39	17s 3	0n 4	19n 4	4s 6	16n51	17n11	11s24	1n51	3n43
M 2	7 21	19 32	1 40	16 24	1 42	8 20	0 10	15 23	1 6	20 7	0 36	20 33	0 3	16 28	0 39	17 2	0 4	19 4	4 6	16 51	17 12	11 26	1 53	3 43
T 3	6 58	17 48	0 29	16 0	1 46	8 50	0 14	15 8	1 6	20 9	0 36	20 32	0 3	16 27	0 39	17 2	0 4	19 5	4 6	16 50	17 13	11 28	1 54	3 42
W 4	6 35	15 9	0n43	15 34	1 51	9 20	0 18	14 53	1 6	20 10	0 36	20 31	0 3	16 26	0 39	17 1	0 4	19 5	4 6	16 50	17 14	11 30	1 55	3 42
T 5	6 12	11 47	1 51	15 8	1 55	9 50	0 22	14 38	1 7	20 12	0 36	20 29	0 3	16 25	0 39	17 0	0 4	19 5	4 6	16 51	17 14	11 32	1 57	3 42
F 6	5 49	7 55	2 52	14 40	1 58	10 19	0 26	14 22	1 7	20 13	0 35	20 28	0 3	16 24	0 39	17 0	0 4	19 5	4 6	16 52	17 15	11 34	1 58	3 42
S 7	5 26	3 47	3 45	14 11	2 1	10 48	0 30	14 7	1 7	20 15	0 35	20 27	0 3	16 23	0 39	16 59	0 4	19 5	4 5	16 53	17 16	11 36	1 59	3 42
S 8	5 2	0s27	4 25	13 41	2 4	11 17	0 34	13 51	1 7	20 17	0 35	20 26	0 3	16 23	0 39	16 59	0 4	19 5	4 5	16 55	17 17	11 38	2 1	3 42
M 9	4 39	4 36	4 53	13 9	2 7	11 46	0 38	13 35	1 7	20 18	0 35	20 25	0 2	16 22	0 39	16 58	0 4	19 6	4 5	16 57	17 18	11 40	2 2	3 42
T 10	4 16	8 32	5 8	12 36	2 9	12 14	0 42	13 19	1 7	20 20	0 35	20 24	0 2	16 21	0 39	16 58	0 4	19 6	4 5	16 59	17 19	11 42	2 3	3 42
W11	3 52	12 5	5 9	12 2	2 11	12 42	0 46	13 3	1 8	20 22	0 34	20 23	0 2	16 20	0 39	16 57	0 4	19 6	4 5	17 0	17 20	11 44	2 5	3 42
T 12	3 28	15 9	4 57	11 27	2 12	13 10	0 50	12 47	1 8	20 23	0 34	20 22	0 2	16 19	0 39	16 57	0 4	19 6	4 5	17 1	17 21	11 46	2 6	3 42
F 13	3 5	17 37	4 32	10 50	2 13	13 38	0 54	12 30	1 8	20 25	0 34	20 21	0 2	16 18	0 39	16 56	0 4	19 6	4 5	17 2	17 21	11 48	2 8	3 42
S 14	2 41	19 19	3 56	10 13	2 13	14 5	0 58	12 14	1 8	20 27	0 34	20 20	0 2	16 17	0 39	16 56	0 4	19 6	4 4	17 2	17 22	11 50	2 9	3 41
S 15	2 18	20 11	3 8	9 34	2 13	14 32	1 2	11 57	1 8	20 28	0 34	20 19	0 2	16 16	0 39	16 55	0 4	19 7	4 4	17 2	17 23	11 52	2 10	3 41
M16	1 54	20 5	2 10	8 54	2 12	14 59	1 6	11 40	1 8	20 30	0 33	20 18	0 2	16 15	0 39	16 55	0 4	19 7	4 4	17 2	17 24	11 54	2 12	3 41
T 17	1 30	18 57	1 4	8 13	2 11	15 25	1 10	11 23	1 8	20 32	0 33	20 18	0 2	16 14	0 39	16 54	0 4	19 7	4 4	17 1	17 25	11 56	2 13	3 41
W18	1 6	16 46	0s 7	7 30	2 10	15 51	1 14	11 6	1 8	20 34	0 33	20 17	0 2	16 14	0 39	16 54	0 4	19 7	4 4	17 1	17 26	11 58	2 15	3 41
T 19	0 43	13 36	1 20	6 47	2 8	16 16	1 18	10 49	1 9	20 36	0 33	20 16	0 2	16 13	0 39	16 53	0 4	19 7	4 4	17 1	17 27	12 0	2 16	3 41
F 20	0 19	9 33	2 30	6 2	2 6	16 42	1 23	10 32	1 9	20 37	0 33	20 15	0 2	16 12	0 39	16 53	0 4	19 7	4 4	17 2	17 28	12 2	2 17	3 41
S 21	0n 5	4 51	3 32	5 16	2 3	17 6	1 27	10 15	1 9	20 39	0 33	20 14	0 2	16 11	0 39	16 52	0 4	19 7	4 3	17 4	17 28	12 4	2 19	3 41
S 22	0 29	0n13	4 22	4 29	1 59	17 31	1 31	9 58	1 9	20 41	0 32	20 13	0 2	16 10	0 39	16 52	0 4	19 8	4 3	17 6	17 29	12 5	2 20	3 41
M23	0 52	5 19	4 54	3 41	1 56	17 55	1 35	9 40	1 9	20 43	0 32	20 12	0 1	16 9	0 39	16 51	0 4	19 8	4 3	17 8	17 30	12 7	2 22	3 41
T 24	1 16	10 6	5 6	2 52	1 51	18 19	1 39	9 23	1 9	20 45	0 32	20 11	0 1	16 9	0 39	16 51	0 4	19 8	4 3	17 10	17 31	12 9	2 23	3 41
W25	1 40	14 14	4 58	2 2	1 46	18 42	1 43	9 5	1 9	20 47	0 32	20 10	0 1	16 8	0 39	16 50	0 4	19 8	4 3	17 12	17 32	12 11	2 25	3 41
T 26	2 3	17 26	4 31	1 11	1 41	19 5	1 47	8 47	1 9	20 49	0 32	20 10	0 1	16 7	0 39	16 50	0 4	19 8	4 3	17 13	17 33	12 13	2 26	3 41
F 27	2 27	19 30	3 47	0 19	1 35	19 27	1 51	8 29	1 9	20 50	0 31	20 9	0 1	16 6	0 39	16 50	0 4	19 8	4 3	17 14	17 34	12 15	2 27	3 41
S 28	2 50	20 20	2 51	0n33	1 28	19 49	1 55	8 12	1 9	20 52	0 31	20 8	0 1	16 6	0 39	16 49	0 4	19 8	4 2	17 14	17 35	12 17	2 29	3 41
S 29	3 14	19 56	1 46	1 27	1 21	20 10	1 59	7 54	1 9	20 54	0 31	20 7	0 1	16 5	0 39	16 49	0 4	19 9	4 2	17 14	17 35	12 19	2 30	3 41
M30	3 37	18 26	0 37	2 21	1 14	20 31	2 3	7 36	1 9	20 56	0 31	20 7	0 1	16 4	0 39	16 48	0 4	19 9	4 2	17 14	17 36	12 21	2 32	3 41
T 31	4n 0	15n59	0n32	3n16	1s 6	20n52	2n 7	7s18	1s 9	20n58	0s31	20s 6	0n 1	16s 3	0s39	16s48	0n 4	19n 9	4s 2	17n14	17n37	12s23	2n33	3n41

Julian Day Number = 2512599.5, Delta T = 134.22 sec
Ecliptic obliquity = 23°24'57, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°04'34, Lahiri = 26°11'35

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2167
geocentric

APRIL 2167 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 36 53	11♈ 7'00	0♍36	12♈51	25♉19	14♓56	7♊15	0♒ 9	18♒ 1	13♒ 9	8♋ 2	11°R47	10♌20	18♏30	27♓59	W 1
T 2	12 40 49	12° 6'18	13°11	14°53	26°25	15°43	7°26	0°13	18° 3	13°11	8° 2	11♌42	10°17	18°36	28° 3	T 2
F 3	12 44 46	13° 5'33	25°36	16°56	27°30	16°30	7°37	0°17	18° 6	13°12	8° 2	11°35	10°14	18°43	28° 7	F 3
S 4	12 48 42	14° 4'46	7♎52	19° 0	28°35	17°17	7°48	0°20	18° 8	13°13	8° 2	11°26	10°11	18°50	28°10	S 4
S 5	12 52 39	15° 3'57	20° 1	21° 3	29°40	18° 4	7°58	0°24	18°10	13°15	8° 3	11°15	10° 8	18°56	28°14	S 5
M 6	12 56 36	16° 3'06	2♏ 3	23° 7	0♊45	18°51	8° 9	0°27	18°12	13°16	8° 3	11° 2	10° 4	19° 3	28°17	M 6
T 7	13 0 32	17° 2'13	14° 0	25°10	1°50	19°38	8°20	0°30	18°15	13°17	8° 3	10°50	10° 1	19°10	28°21	T 7
W 8	13 4 29	18° 1'18	25°52	27°12	2°54	20°25	8°32	0°34	18°17	13°19	8° 4	10°39	9°58	19°17	28°24	W 8
T 9	13 8 25	19° 0'21	7♐44	29°13	3°58	21°12	8°43	0°37	18°19	13°20	8° 4	10°30	9°55	19°23	28°28	T 9
F 10	13 12 22	19°59'23	19°36	1♑13	5° 2	21°59	8°54	0°40	18°21	13°21	8° 5	10°23	9°52	19°30	28°31	F 10
S 11	13 16 18	20°58'23	1♑35	3°11	6° 5	22°45	9° 6	0°43	18°23	13°22	8° 5	10°19	9°49	19°37	28°35	S 11
S 12	13 20 15	21°57'21	13°42	5° 7	7° 8	23°32	9°17	0°45	18°25	13°23	8° 5	10°17	9°45	19°44	28°38	S 12
M13	13 24 11	22°56'17	26° 5	7° 0	8°11	24°19	9°29	0°48	18°27	13°24	8° 6	10°D17	9°42	19°50	28°42	M13
T 14	13 28 8	23°55'11	8♒47	8°51	9°14	25° 6	9°40	0°51	18°29	13°25	8° 6	10°R17	9°39	19°57	28°45	T 14
W15	13 32 5	24°54'04	21°53	10°38	10°16	25°53	9°52	0°53	18°31	13°26	8° 7	10°17	9°36	20° 4	28°49	W15
T 16	13 36 1	25°52'55	5♓28	12°22	11°18	26°39	10° 4	0°56	18°33	13°27	8° 8	10°14	9°33	20°10	28°52	T 16
F 17	13 39 58	26°51'44	19°32	14° 2	12°19	27°26	10°16	0°58	18°34	13°28	8° 8	10°10	9°30	20°17	28°56	F 17
S 18	13 43 54	27°50'32	4♈ 4	15°38	13°20	28°13	10°28	1° 0	18°36	13°29	8° 9	10° 3	9°26	20°24	28°59	S 18
S 19	13 47 51	28°49'17	18°59	17°10	14°21	28°59	10°40	1° 3	18°38	13°30	8° 9	9°53	9°23	20°31	29° 2	S 19
M20	13 51 47	29°48'01	4♉10	18°37	15°21	29°46	10°52	1° 5	18°40	13°31	8°10	9°42	9°20	20°37	29° 5	M20
T 21	13 55 44	0♉46'43	19°25	20° 0	16°21	0♈33	11° 4	1° 7	18°41	13°32	8°11	9°31	9°17	20°44	29° 9	T 21
W22	13 59 40	1°45'23	4♊33	21°18	17°21	1°19	11°16	1° 9	18°43	13°33	8°11	9°21	9°14	20°51	29°12	W22
T 23	14 3 37	2°44'01	19°26	22°30	18°20	2° 6	11°29	1°10	18°44	13°33	8°12	9°14	9°10	20°57	29°15	T 23
F 24	14 7 34	3°42'36	3♋55	23°38	19°19	2°52	11°41	1°12	18°46	13°34	8°13	9° 9	9° 7	21° 4	29°18	F 24
S 25	14 11 30	4°41'10	17°58	24°40	20°17	3°39	11°54	1°14	18°47	13°35	8°13	9° 7	9° 4	21°11	29°22	S 25
S 26	14 15 27	5°39'41	1♌35	25°37	21°15	4°25	12° 6	1°15	18°49	13°36	8°14	9° 6	9° 1	21°18	29°25	S 26
M27	14 19 23	6°38'10	14°49	26°29	22°13	5°12	12°19	1°17	18°50	13°36	8°15	9° 6	8°58	21°24	29°28	M27
T 28	14 23 20	7°36'37	27°41	27°15	23°10	5°58	12°31	1°18	18°51	13°37	8°16	9° 6	8°55	21°31	29°31	T 28
W29	14 27 16	8°35'02	10♍17	27°55	24° 6	6°45	12°44	1°19	18°52	13°37	8°17	9° 3	8°51	21°38	29°34	W29
T 30	14 31 13	9♉33'24	22♍39	28♉30	25♊ 2	7♈31	12♊57	1♒20	18♒54	13♒38	8♋17	8♌58	8♌48	21♏44	29♓37	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	4n24	12n47	1n39	4n11	0s57	21n12	2n11	6s59	1s 9	21n 0	0s31	20s 5	0n 1	16s 3	0s39	16s48	0n 4	19n 9	4s 2	17n14	17n38	12s25	2n35	3n41
T 2	4 47	9 3	2 39	5 7	0 48	21 31	2 15	6 41	1 9	21 2	0 30	20 4	0 1	16 2	0 39	16 47	0 4	19 9	4 2	17 16	17 39	12 27	2 36	3 41
F 3	5 10	4 59	3 31	6 3	0 39	21 50	2 19	6 23	1 9	21 4	0 30	20 4	0 1	16 1	0 40	16 47	0 4	19 9	4 1	17 17	17 40	12 29	2 37	3 41
S 4	5 33	0 45	4 13	6 59	0 29	22 9	2 23	6 5	1 9	21 6	0 30	20 3	0 1	16 0	0 40	16 46	0 4	19 9	4 1	17 20	17 41	12 31	2 39	3 41
S 5	5 56	3s28	4 42	7 55	0 19	22 27	2 26	5 46	1 9	21 8	0 30	20 2	0 1	16 0	0 40	16 46	0 4	19 10	4 1	17 23	17 41	12 32	2 40	3 41
M 6	6 19	7 30	4 59	8 51	0 8	22 44	2 30	5 28	1 9	21 9	0 30	20 2	0 0	15 59	0 40	16 46	0 4	19 10	4 1	17 27	17 42	12 34	2 42	3 41
T 7	6 41	11 13	5 2	9 46	0n 3	23 1	2 34	5 10	1 9	21 11	0 30	20 1	0 0	15 59	0 40	16 45	0 4	19 10	4 1	17 30	17 43	12 36	2 43	3 41
W 8	7 4	14 29	4 52	10 41	0 14	23 18	2 37	4 51	1 9	21 13	0 29	20 0	0 0	15 58	0 40	16 45	0 4	19 10	4 1	17 33	17 44	12 38	2 44	3 41
T 9	7 26	17 9	4 29	11 35	0 25	23 33	2 41	4 33	1 9	21 15	0 29	20 0	0 0	15 57	0 40	16 45	0 4	19 10	4 1	17 35	17 45	12 40	2 46	3 41
F 10	7 48	19 6	3 55	12 28	0 37	23 49	2 44	4 14	1 9	21 17	0 29	19 59	0 0	15 57	0 40	16 44	0 4	19 10	4 0	17 37	17 46	12 42	2 47	3 41
S 11	8 11	20 14	3 10	13 19	0 48	24 3	2 48	3 56	1 9	21 19	0 29	19 59	0 0	15 56	0 40	16 44	0 4	19 10	4 0	17 38	17 46	12 44	2 49	3 41
S 12	8 33	20 27	2 16	14 9	0 59	24 18	2 51	3 37	1 9	21 21	0 29	19 58	0s 0	15 55	0 40	16 44	0 4	19 10	4 0	17 39	17 47	12 46	2 50	3 41
M13	8 55	19 41	1 15	14 57	1 11	24 31	2 55	3 18	1 9	21 23	0 29	19 58	0 0	15 55	0 40	16 43	0 4	19 11	4 0	17 39	17 48	12 48	2 51	3 41
T 14	9 16	17 55	0 8	15 43	1 22	24 44	2 58	3 0	1 9	21 25	0 28	19 57	0 0	15 54	0 40	16 43	0 4	19 11	4 0	17 39	17 49	12 50	2 53	3 41
W15	9 38	15 10	1s 1	16 28	1 32	24 57	3 1	2 41	1 8	21 27	0 28	19 57	0 0	15 54	0 40	16 43	0 4	19 11	4 0	17 39	17 50	12 52	2 54	3 41
T 16	9 59	11 30	2 9	17 10	1 42	25 9	3 4	2 22	1 8	21 28	0 28	19 56	0 0	15 53	0 40	16 43	0 4	19 11	4 0	17 40	17 51	12 54	2 56	3 41
F 17	10 21	7 5	3 12	17 49	1 52	25 20	3 7	2 4	1 8	21 30	0 28	19 56	0 0	15 53	0 40	16 42	0 4	19 11	3 59	17 41	17 52	12 55	2 57	3 41
S 18	10 42	2 7	4 4	18 26	2 1	25 31	3 10	1 45	1 8	21 32	0 28	19 55	0 1	15 52	0 40	16 42	0 4	19 11	3 59	17 43	17 52	12 57	2 58	3 41
S 19	11 3	3n 5	4 41	19 1	2 10	25 41	3 13	1 26	1 8	21 34	0 28	19 55	0 1	15 52	0 40	16 42	0 4	19 11	3 59	17 45	17 53	12 59	3 0	3 41
M20	11 23	8 12	4 59	19 33	2 18	25 51	3 15	1 8	1 8	21 36	0 28	19 55	0 1	15 51	0 40	16 42	0 4	19 11	3 59	17 48	17 54	13 1	3 1	3 41
T 21	11 44	12 49	4 56	20 3	2 25	26 0	3 18	0 49	1 8	21 38	0 27	19 54	0 1	15 51	0 40	16 41	0 4	19 11	3 59	17 51	17 55	13 3	3 2	3 41
W22	12 4	16 34	4 32	20 30	2 31	26 9	3 21	0 30	1 7	21 39	0 27	19 54	0 1	15 50	0 40	16 41	0 4	19 12	3 59	17 54	17 56	13 5	3 4	3 41
T 23	12 25	19 10	3 50	20 54	2 36	26 16	3 23	0 12	1 7	21 41	0 27	19 54	0 1	15 50	0 40	16 41	0 4	19 12	3 59	17 56	17 57	13 7	3 5	3 41
F 24	12 44	20 27	2 54	21 15	2 41	26 24	3 25	0n 7	1 7	21 43	0 27	19 53	0 1	15 49	0 40	16 41	0 4	19 12	3 58	17 57	17 57	13 9	3 6	3 41
S 25	13 4	20 24	1 49	21 34	2 44	26 31	3 28	0 26	1 7	21 45	0 27	19 53	0 1	15 49	0 40	16 40	0 4	19 12	3 58	17 58	17 58	13 11	3 8	3 41
S 26	13 24	19 9	0 40	21 50	2 47	26 37	3 30	0 44	1 7	21 47	0 27	19 53	0 1	15 49	0 40	16 40	0 4	19 12	3 58	17 58	17 59	13 13	3 9	3 41
M27	13 43	16 51	0n30	22 4	2 48	26 42	3 32	1 3	1 7	21 49	0 27	19 52	0 1	15 48	0 40	16 40	0 4	19 12	3 58	17 58	18 0	13 14	3 10	3 41
T 28	14 2	13 46	1 37	22 15	2 48	26 47	3 33	1 21	1 6	21 50	0 26	19 52	0 1	15 48	0 40	16 40	0 4	19 12	3 58	17 58	18 1	13 16	3 11	3 41
W29	14 21	10 7	2 37	22 24	2 47	26 52	3 35	1 40	1 6	21 52	0 26	19 52	0 1	15 48	0 40	16 40	0 4	19 12	3 58	17 59	18 2	13 18	3 13	3 41
T 30	14n40	6n 6	3n28	22n30	2n45	26n56	3n37	1n58	1s 6	21n54	0s26	19s52	0s 1	15s47	0s40	16s40	0n 4	19n12	3s58	18n 0	18n 2	13s20	3n14	3n41

Julian Day Number = 2512630.5, Delta T = 134.29 sec
Ecliptic obliquity = 23°24'58, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°04'38, Lahiri = 26°11'39

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2167
geocentric

MAY 2167 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 35 9	10♉31'45	4♎52	28♉59	25♊57	8♈17	13♊ 9	1♒22	18♒55	13♒38	8♋18	8°R50	8♌45	21♏51	29♓40	F 1
S 2	14 39 6	11°30'03	16°57	29°23	26°52	9° 4	13°22	1°22	18°56	13°39	8°19	8♌39	8°42	21°58	29°43	S 2
S 3	14 43 2	12°28'20	28°57	29°41	27°46	9°50	13°35	1°23	18°57	13°39	8°20	8°26	8°39	22° 5	29°46	S 3
M 4	14 46 59	13°26'35	10♏53	29°53	28°40	10°36	13°48	1°24	18°58	13°40	8°21	8°12	8°35	22°11	29°49	M 4
T 5	14 50 56	14°24'48	22°46	29°59	29°33	11°22	14° 1	1°25	18°59	13°40	8°22	7°58	8°32	22°18	29°52	T 5
W 6	14 54 52	15°22'59	4♐38	0°R 1	0♋25	12° 9	14°14	1°25	19° 0	13°41	8°23	7°45	8°29	22°25	29°55	W 6
T 7	14 58 49	16°21'09	16°30	29°58	1°17	12°55	14°27	1°26	19° 1	13°41	8°24	7°35	8°26	22°32	29°57	T 7
F 8	15 2 45	17°19'18	28°25	29°49	2° 7	13°41	14°40	1°26	19° 2	13°41	8°25	7°27	8°23	22°38	0♈ 0	F 8
S 9	15 6 42	18°17'24	10♑26	29°35	2°58	14°27	14°53	1°26	19° 2	13°41	8°26	7°21	8°20	22°45	0° 3	S 9
S 10	15 10 38	19°15'30	22°35	29°18	3°47	15°13	15° 7	1°26	19° 3	13°42	8°27	7°19	8°16	22°52	0° 6	S 10
M11	15 14 35	20°13'34	4♒57	28°56	4°36	15°59	15°20	1°R27	19° 4	13°42	8°28	7°D18	8°13	22°58	0° 8	M11
T 12	15 18 31	21°11'36	17°37	28°30	5°24	16°45	15°33	1°27	19° 4	13°42	8°29	7°R18	8°10	23° 5	0°11	T 12
W13	15 22 28	22° 9'37	0♓39	28° 1	6°11	17°31	15°46	1°26	19° 5	13°42	8°30	7°18	8° 7	23°12	0°13	W13
T 14	15 26 25	23° 7'37	14° 7	27°30	6°57	18°17	16° 0	1°26	19° 5	13°42	8°31	7°16	8° 4	23°19	0°16	T 14
F 15	15 30 21	24° 5'36	28° 4	26°57	7°43	19° 3	16°13	1°26	19° 6	13°42	8°32	7°13	8° 1	23°25	0°18	F 15
S 16	15 34 18	25° 3'33	12♈29	26°22	8°27	19°48	16°27	1°25	19° 6	13°R42	8°33	7° 6	7°57	23°32	0°21	S 16
S 17	15 38 14	26° 1'29	27°20	25°46	9°10	20°34	16°40	1°25	19° 7	13°42	8°34	6°58	7°54	23°39	0°23	S 17
M18	15 42 11	26°59'24	12♉30	25°11	9°53	21°20	16°54	1°24	19° 7	13°42	8°36	6°48	7°51	23°45	0°26	M18
T 19	15 46 7	27°57'17	27°49	24°36	10°35	22° 5	17° 7	1°24	19° 7	13°42	8°37	6°38	7°48	23°52	0°28	T 19
W20	15 50 4	28°55'09	13♊ 5	24° 1	11°15	22°51	17°21	1°23	19° 7	13°42	8°38	6°29	7°45	23°59	0°30	W20
T 21	15 54 0	29°52'59	28° 7	23°29	11°54	23°37	17°34	1°22	19° 8	13°42	8°39	6°22	7°41	24° 6	0°33	T 21
F 22	15 57 57	0♊50'48	12♋48	22°58	12°32	24°22	17°48	1°21	19° 8	13°42	8°40	6°18	7°38	24°12	0°35	F 22
S 23	16 1 54	1°48'35	27° 2	22°31	13° 9	25° 8	18° 1	1°20	19° 8	13°42	8°42	6°16	7°35	24°19	0°37	S 23
S 24	16 5 50	2°46'21	10♌48	22° 6	13°45	25°53	18°15	1°19	19°R 8	13°41	8°43	6°D16	7°32	24°26	0°39	S 24
M25	16 9 47	3°44'05	24° 7	21°45	14°20	26°39	18°29	1°17	19° 8	13°41	8°44	6°16	7°29	24°32	0°41	M25
T 26	16 13 43	4°41'47	7♍ 1	21°27	14°53	27°24	18°43	1°16	19° 8	13°41	8°45	6°R17	7°26	24°39	0°43	T 26
W27	16 17 40	5°39'28	19°36	21°14	15°24	28° 9	18°56	1°14	19° 8	13°40	8°47	6°15	7°22	24°46	0°45	W27
T 28	16 21 36	6°37'07	1♎54	21° 4	15°55	28°54	19°10	1°13	19° 7	13°40	8°48	6°12	7°19	24°53	0°47	T 28
F 29	16 25 33	7°34'45	14° 1	20°59	16°23	29°40	19°24	1°11	19° 7	13°40	8°49	6° 7	7°16	24°59	0°49	F 29
S 30	16 29 29	8°32'21	26° 0	20°D59	16°50	0♉25	19°37	1° 9	19° 7	13°39	8°50	5°59	7°13	25° 6	0°51	S 30
S 31	16 33 26	9♊29'56	7♏55	21♉ 3	17♋16	1♉10	19♊51	1♒ 8	19♒ 7	13♒39	8♋52	5♌50	7♌10	25♏13	0♈53	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	14n58	1n53	4n 9	22n33	2n42	26n59	3n38	2n17	1s 6	21n55	0s26	19s52	0s 2	15s47	0s40	16s39	0n 3	19n12	3s58	18n 2	18n 3	13s22	3n15	3n41	F 1
S 2	15 16	2s22	4 39	22 34	2 38	27 2	3 40	2 35	1 5	21 57	0 26	19 52	0 2	15 47	0 41	16 39	0 3	19 12	3 57	18 5	18 4	13 24	3 16	3 42	S 2
S 3	15 34	6 29	4 55	22 32	2 32	27 4	3 41	2 54	1 5	21 59	0 26	19 52	0 2	15 46	0 41	16 39	0 3	19 12	3 57	18 8	18 5	13 26	3 18	3 42	S 3
M 4	15 52	10 20	4 59	22 28	2 25	27 6	3 42	3 12	1 5	22 1	0 26	19 51	0 2	15 46	0 41	16 39	0 3	19 13	3 57	18 12	18 6	13 28	3 19	3 42	M 4
T 5	16 9	13 46	4 50	22 22	2 17	27 7	3 43	3 30	1 5	22 2	0 26	19 51	0 2	15 46	0 41	16 39	0 3	19 13	3 57	18 15	18 7	13 29	3 20	3 42	T 5
W 6	16 26	16 39	4 28	22 13	2 8	27 8	3 43	3 48	1 4	22 4	0 25	19 51	0 2	15 45	0 41	16 39	0 3	19 13	3 57	18 19	18 7	13 31	3 21	3 42	W 6
T 7	16 43	18 51	3 54	22 2	1 57	27 8	3 44	4 7	1 4	22 6	0 25	19 51	0 2	15 45	0 41	16 39	0 3	19 13	3 57	18 21	18 8	13 33	3 23	3 42	T 7
F 8	16 59	20 14	3 10	21 49	1 46	27 8	3 44	4 25	1 4	22 7	0 25	19 51	0 2	15 45	0 41	16 39	0 3	19 13	3 57	18 24	18 9	13 35	3 24	3 42	F 8
S 9	17 15	20 44	2 17	21 33	1 33	27 7	3 44	4 43	1 3	22 9	0 25	19 51	0 2	15 45	0 41	16 39	0 3	19 13	3 56	18 25	18 10	13 37	3 25	3 42	S 9
S 10	17 31	20 15	1 17	21 16	1 19	27 6	3 44	5 1	1 3	22 10	0 25	19 51	0 2	15 45	0 41	16 39	0 3	19 13	3 56	18 26	18 11	13 39	3 26	3 42	S 10
M11	17 47	18 48	0 12	20 57	1 4	27 4	3 44	5 19	1 3	22 12	0 25	19 51	0 2	15 44	0 41	16 39	0 3	19 13	3 56	18 26	18 12	13 41	3 27	3 42	M11
T 12	18 2	16 24	0s54	20 36	0 49	27 2	3 44	5 37	1 3	22 13	0 25	19 52	0 2	15 44	0 41	16 39	0 3	19 13	3 56	18 26	18 12	13 43	3 28	3 42	T 12
W13	18 17	13 7	2 0	20 14	0 33	26 59	3 43	5 55	1 2	22 15	0 25	19 52	0 3	15 44	0 41	16 39	0 3	19 13	3 56	18 26	18 13	13 44	3 29	3 42	W13
T 14	18 32	9 2	3 2	19 50	0 16	26 56	3 43	6 12	1 2	22 17	0 24	19 52	0 3	15 44	0 41	16 39	0 3	19 13	3 56	18 26	18 14	13 46	3 30	3 43	T 14
F 15	18 47	4 22	3 55	19 26	0s 1	26 53	3 42	6 30	1 2	22 18	0 24	19 52	0 3	15 44	0 41	16 39	0 3	19 13	3 56	18 27	18 15	13 48	3 32	3 43	F 15
S 16	19 1	0n42	4 35	19 1	0 19	26 49	3 40	6 48	1 1	22 20	0 24	19 52	0 3	15 44	0 41	16 39	0 3	19 13	3 56	18 29	18 16	13 50	3 33	3 43	S 16
S 17	19 15	5 53	4 58	18 35	0 37	26 44	3 39	7 5	1 1	22 21	0 24	19 52	0 3	15 44	0 41	16 39	0 3	19 13	3 56	18 31	18 16	13 52	3 34	3 43	S 17
M18	19 28	10 48	5 1	18 10	0 54	26 40	3 37	7 23	1 0	22 22	0 24	19 53	0 3	15 44	0 41	16 39	0 3	19 13	3 55	18 33	18 17	13 54	3 35	3 43	M18
T 19	19 41	15 4	4 42	17 45	1 11	26 34	3 35	7 40	1 0	22 24	0 24	19 53	0 3	15 44	0 41	16 39	0 3	19 13	3 55	18 36	18 18	13 56	3 36	3 43	T 19
W20	19 54	18 19	4 3	17 20	1 28	26 29	3 33	7 57	1 0	22 25	0 24	19 53	0 3	15 44	0 41	16 39	0 3	19 13	3 55	18 38	18 19	13 57	3 37	3 43	W20
T 21	20 6	20 16	3 8	16 56	1 45	26 23	3 31	8 14	0 59	22 27	0 24	19 53	0 3	15 44	0 41	16 39	0 3	19 13	3 55	18 40	18 20	13 59	3 38	3 43	T 21
F 22	20 18	20 47	2 1	16 33	2 0	26 17	3 28	8 31	0 59	22 28	0 24	19 54	0 3	15 44	0 41	16 39	0 3	19 13	3 55	18 41	18 21	14 1	3 39	3 43	F 22
S 23	20 30	19 56	0 49	16 12	2 15	26 10	3 25	8 48	0 59	22 29	0 23	19 54	0 3	15 44	0 41	16 39	0 3	19 14	3 55	18 41	18 21	14 3	3 40	3 43	S 23
S 24	20 42	17 54	0n24	15 52	2 29	26 4	3 22	9 5	0 58	22 31	0 23	19 54	0 4	15 44	0 41	16 39	0 3	19 14	3 55	18 41	18 22	14 5	3 41	3 44	S 24
M25	20 53	14 57	1 34	15 34	2 42	25 56	3 19	9 22	0 58	22 32	0 23	19 55	0 4	15 44	0 41	16 39	0 3	19 14	3 55	18 41	18 23	14 7	3 42	3 44	M25
T 26	21 3	11 21	2 36	15 18	2 54	25 49	3 15	9 39	0 57	22 33	0 23	19 55	0 4	15 44	0 41	16 39	0 3	19 14	3 55	18 41	18 24	14 8	3 43	3 44	T 26
W27	21 14	7 20	3 30	15 4	3 5	25 41	3 11	9 55	0 57	22 34	0 23	19 56	0 4	15 44	0 42	16 39	0 3	19 14	3 54	18 41	18 25	14 10	3 43	3 44	W27
T 28	21 24	3 6	4 12	14 52	3 15	25 34	3 7	10 12	0 56	22 36	0 23	19 56	0 4	15 44	0 42	16 39	0 3	19 14	3 54	18 42	18 25	14 12	3 44	3 44	T 28
F 29	21 33	1s11	4 42	14 43	3 24	25 25	3 2	10 28	0 56	22 37	0 23	19 56	0 4	15 44	0 42	16 39	0 3	19 14	3 54	18 43	18 26	14 14	3 45	3 44	F 29
S 30	21 42	5 22	5 0	14 35	3 31	25 17	2 57	10 44	0 55	22 38	0 23	19 57	0 4	15 44	0 42	16 40	0 3	19 14	3 54	18 45	18 27	14 16	3 46	3 44	S 30
S 31	21n51	9s20	5n 4	14n30	3s38	25n 8	2n52	11n 0	0s55	22n39	0s23	19s57	0s 4	15s44	0s42	16s40	0n 3	19n14	3s54	18n48	18n28	14s18	3n47	3n44	S 31

Julian Day Number = 2512660.5, Delta T = 134.35 sec
Ecliptic obliquity = 23°24'57, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°04'43, Lahiri = 26°11'43

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2167
geocentric

JUNE 2167 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 37 23	10♊27'30	19♏47	21♉11	17♋40	1♉55	20♊ 5	1°R 6	19°R 6	13°R38	8♋53	5°R40	7♌ 7	25♏19	0♈54	M 1
T 2	16 41 19	11°25'02	1♐39	21°24	18° 2	2°40	20°19	1♒ 4	19♒ 6	13♒38	8°54	5♌29	7° 3	25°26	0°56	T 2
W 3	16 45 16	12°22'33	13°33	21°42	18°22	3°25	20°33	1° 2	19° 5	13°37	8°56	5°20	7° 0	25°33	0°58	W 3
T 4	16 49 12	13°20'04	25°30	22° 3	18°40	4°10	20°46	0°59	19° 5	13°37	8°57	5°12	6°57	25°40	0°59	T 4
F 5	16 53 9	14°17'33	7♑31	22°29	18°57	4°54	21° 0	0°57	19° 4	13°36	8°58	5° 6	6°54	25°46	1° 1	F 5
S 6	16 57 5	15°15'01	19°40	23° 0	19°11	5°39	21°14	0°55	19° 4	13°35	9° 0	5° 3	6°51	25°53	1° 3	S 6
S 7	17 1 2	16°12'29	1♒57	23°34	19°24	6°24	21°28	0°52	19° 3	13°35	9° 1	5°D 2	6°47	26° 0	1° 4	S 7
M 8	17 4 59	17° 9'56	14°26	24°13	19°34	7° 9	21°42	0°50	19° 2	13°34	9° 3	5° 2	6°44	26° 6	1° 5	M 8
T 9	17 8 55	18° 7'22	27°11	24°55	19°42	7°53	21°56	0°47	19° 2	13°33	9° 4	5° 3	6°41	26°13	1° 7	T 9
W10	17 12 52	19° 4'47	10♓14	25°42	19°48	8°38	22°10	0°45	19° 1	13°33	9° 5	5° 4	6°38	26°20	1° 8	W10
T 11	17 16 48	20° 2'12	23°39	26°32	19°52	9°22	22°24	0°42	19° 0	13°32	9° 7	5°R 5	6°35	26°27	1° 9	T 11
F 12	17 20 45	20°59'36	7♈28	27°26	19°R54	10° 7	22°37	0°39	18°59	13°31	9° 8	5° 3	6°32	26°33	1°11	F 12
S 13	17 24 41	21°57'00	21°42	28°23	19°53	10°51	22°51	0°36	18°58	13°30	9°10	5° 0	6°28	26°40	1°12	S 13
S 14	17 28 38	22°54'23	6♉19	29°24	19°50	11°36	23° 5	0°33	18°57	13°29	9°11	4°56	6°25	26°47	1°13	S 14
M15	17 32 34	23°51'45	21°14	0♊29	19°44	12°20	23°19	0°30	18°56	13°28	9°12	4°50	6°22	26°53	1°14	M15
T 16	17 36 31	24°49'08	6♊20	1°37	19°36	13° 4	23°33	0°27	18°55	13°27	9°14	4°44	6°19	27° 0	1°15	T 16
W17	17 40 28	25°46'29	21°27	2°48	19°26	13°48	23°47	0°24	18°54	13°27	9°15	4°39	6°16	27° 7	1°16	W17
T 18	17 44 24	26°43'50	6♋25	4° 3	19°13	14°32	24° 1	0°21	18°53	13°26	9°17	4°35	6°13	27°14	1°17	T 18
F 19	17 48 21	27°41'11	21° 7	5°20	18°58	15°16	24°15	0°17	18°52	13°25	9°18	4°33	6° 9	27°20	1°18	F 19
S 20	17 52 17	28°38'30	5♌25	6°41	18°41	16° 0	24°28	0°14	18°51	13°24	9°20	4°D32	6° 6	27°27	1°19	S 20
S 21	17 56 14	29°35'49	19°17	8° 6	18°21	16°44	24°42	0°10	18°49	13°23	9°21	4°33	6° 3	27°34	1°19	S 21
M22	18 0 10	0♋33'07	2♍41	9°33	17°59	17°28	24°56	0° 7	18°48	13°21	9°23	4°34	6° 0	27°40	1°20	M22
T 23	18 4 7	1°30'24	15°41	11° 3	17°35	18°12	25°10	0° 3	18°47	13°20	9°24	4°36	5°57	27°47	1°21	T 23
W24	18 8 3	2°27'41	28°19	12°37	17° 8	18°56	25°24	29♑59	18°45	13°19	9°26	4°R36	5°53	27°54	1°21	W24
T 25	18 12 0	3°24'56	10♎39	14°14	16°40	19°39	25°38	29°56	18°44	13°18	9°27	4°36	5°50	28° 1	1°22	T 25
F 26	18 15 57	4°22'11	22°46	15°53	16°10	20°23	25°51	29°52	18°42	13°17	9°29	4°35	5°47	28° 7	1°22	F 26
S 27	18 19 53	5°19'25	4♏44	17°36	15°38	21° 6	26° 5	29°48	18°41	13°16	9°30	4°32	5°44	28°14	1°23	S 27
S 28	18 23 50	6°16'39	16°37	19°21	15° 5	21°50	26°19	29°45	18°39	13°15	9°32	4°28	5°41	28°21	1°23	S 28
M29	18 27 46	7°13'52	28°29	21°10	14°31	22°33	26°33	29°41	18°38	13°13	9°33	4°24	5°38	28°27	1°23	M29
T 30	18 31 43	8♋11'05	10♐22	23♊ 1	13♋55	23♉17	26♊46	29♑37	18♒36	13♒12	9♋34	4♌19	5♌34	28♏34	1♈24	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n 0	12s55	4n55	14n27	3s43	25n 0	2n46	11n16	0s55	22n40	0s22	19s58	0s 4	15s44	0s42	16s40	0n 3	19n14	3s54	18n50	18n29	14s20	3n48	3n45
T 2	22 8	16 0	4 34	14 26	3 47	24 51	2 40	11 32	0 54	22 41	0 22	19 58	0 4	15 45	0 42	16 40	0 3	19 14	3 54	18 53	18 29	14 21	3 49	3 45
W 3	22 15	18 26	4 0	14 28	3 50	24 42	2 34	11 48	0 54	22 43	0 22	19 59	0 4	15 45	0 42	16 40	0 3	19 14	3 54	18 55	18 30	14 23	3 49	3 45
T 4	22 23	20 5	3 16	14 31	3 52	24 32	2 27	12 4	0 53	22 44	0 22	20 0	0 5	15 45	0 42	16 40	0 3	19 14	3 54	18 57	18 31	14 25	3 50	3 45
F 5	22 30	20 50	2 22	14 37	3 53	24 23	2 20	12 19	0 53	22 45	0 22	20 0	0 5	15 45	0 42	16 40	0 3	19 14	3 54	18 58	18 32	14 27	3 51	3 45
S 6	22 36	20 38	1 22	14 44	3 53	24 14	2 12	12 34	0 52	22 46	0 22	20 1	0 5	15 45	0 42	16 41	0 3	19 14	3 53	18 59	18 33	14 29	3 52	3 45
S 7	22 42	19 26	0 17	14 53	3 53	24 4	2 4	12 50	0 52	22 47	0 22	20 1	0 5	15 46	0 42	16 41	0 3	19 14	3 53	18 59	18 33	14 30	3 52	3 45
M 8	22 48	17 17	0s51	15 4	3 51	23 54	1 56	13 5	0 51	22 48	0 22	20 2	0 5	15 46	0 42	16 41	0 3	19 14	3 53	18 59	18 34	14 32	3 53	3 46
T 9	22 53	14 16	1 57	15 17	3 49	23 44	1 47	13 20	0 51	22 49	0 22	20 3	0 5	15 46	0 42	16 41	0 3	19 14	3 53	18 59	18 35	14 34	3 54	3 46
W10	22 58	10 29	2 59	15 31	3 45	23 34	1 38	13 35	0 50	22 50	0 22	20 3	0 5	15 46	0 42	16 42	0 3	19 14	3 53	18 59	18 36	14 36	3 54	3 46
T 11	23 3	6 4	3 52	15 46	3 41	23 24	1 29	13 49	0 49	22 50	0 21	20 4	0 5	15 47	0 42	16 42	0 3	19 14	3 53	18 59	18 37	14 38	3 55	3 46
F 12	23 7	1 15	4 34	16 3	3 36	23 14	1 19	14 4	0 49	22 51	0 21	20 5	0 5	15 47	0 42	16 42	0 3	19 14	3 53	18 59	18 37	14 40	3 56	3 46
S 13	23 10	3n47	5 1	16 21	3 31	23 4	1 8	14 18	0 48	22 52	0 21	20 5	0 5	15 47	0 42	16 42	0 3	19 14	3 53	19 0	18 38	14 41	3 56	3 46
S 14	23 14	8 44	5 9	16 40	3 24	22 54	0 57	14 32	0 48	22 53	0 21	20 6	0 5	15 48	0 42	16 42	0 3	19 14	3 53	19 1	18 39	14 43	3 57	3 46
M15	23 16	13 16	4 57	17 1	3 18	22 44	0 46	14 46	0 47	22 54	0 21	20 7	0 6	15 48	0 42	16 43	0 3	19 14	3 53	19 2	18 40	14 45	3 57	3 47
T 16	23 19	17 0	4 24	17 22	3 10	22 33	0 35	15 0	0 47	22 55	0 21	20 8	0 6	15 48	0 42	16 43	0 3	19 14	3 53	19 4	18 41	14 47	3 58	3 47
W17	23 21	19 36	3 33	17 43	3 2	22 23	0 23	15 14	0 46	22 55	0 21	20 8	0 6	15 49	0 42	16 43	0 3	19 14	3 53	19 5	18 41	14 49	3 58	3 47
T 18	23 23	20 49	2 27	18 6	2 54	22 13	0 10	15 28	0 46	22 56	0 21	20 9	0 6	15 49	0 42	16 44	0 3	19 14	3 52	19 6	18 42	14 50	3 59	3 47
F 19	23 24	20 34	1 12	18 28	2 45	22 2	0s 2	15 41	0 45	22 57	0 21	20 10	0 6	15 50	0 42	16 44	0 3	19 14	3 52	19 6	18 43	14 52	3 59	3 47
S 20	23 25	18 59	0n 5	18 51	2 35	21 52	0 15	15 54	0 44	22 57	0 21	20 11	0 6	15 50	0 42	16 44	0 3	19 14	3 52	19 7	18 44	14 54	4 0	3 47
S 21	23 25	16 17	1 20	19 15	2 25	21 42	0 28	16 7	0 44	22 58	0 21	20 12	0 6	15 50	0 42	16 44	0 3	19 13	3 52	19 6	18 44	14 56	4 0	3 47
M22	23 25	12 48	2 28	19 38	2 15	21 31	0 42	16 20	0 43	22 59	0 20	20 12	0 6	15 51	0 42	16 45	0 3	19 13	3 52	19 6	18 45	14 58	4 1	3 48
T 23	23 24	8 48	3 26	20 2	2 4	21 21	0 56	16 33	0 43	22 59	0 20	20 13	0 6	15 51	0 42	16 45	0 3	19 13	3 52	19 6	18 46	14 59	4 1	3 48
W24	23 24	4 32	4 12	20 25	1 53	21 10	1 10	16 46	0 42	23 0	0 20	20 14	0 6	15 52	0 43	16 45	0 3	19 13	3 52	19 6	18 47	15 1	4 1	3 48
T 25	23 22	0 10	4 46	20 48	1 42	21 0	1 24	16 58	0 41	23 0	0 20	20 15	0 6	15 52	0 43	16 46	0 3	19 13	3 52	19 6	18 48	15 3	4 2	3 48
F 26	23 21	4s 6	5 6	21 10	1 30	20 49	1 38	17 10	0 41	23 1	0 20	20 16	0 7	15 53	0 43	16 46	0 3	19 13	3 52	19 6	18 48	15 5	4 2	3 48
S 27	23 19	8 10	5 13	21 32	1 19	20 39	1 52	17 22	0 40	23 1	0 20	20 17	0 7	15 53	0 43	16 46	0 3	19 13	3 52	19 7	18 49	15 6	4 2	3 48
S 28	23 16	11 54	5 6	21 53	1 7	20 28	2 6	17 34	0 39	23 2	0 20	20 18	0 7	15 54	0 43	16 47	0 3	19 13	3 52	19 8	18 50	15 8	4 3	3 48
M29	23 13	12s 9	4 46	22 12	0 55	20 18	2 21	17 46	0 39	23 2	0 20	20 19	0 7	15 54	0 43	16 47	0 3	19 13	3 52	19 9	18 51	15 10	4 3	3 49
T 30	23n10	17s48	4n13	22n31	0s43	20n 8	2s35	17n58	0s38	23n 3	0s20	20s19	0s 7	15s55	0s43	16s48	0n 3	19n13	3s52	19n10	18n52	15s12	4n 3	3n49

Julian Day Number = 2512691.5, Delta T = 134.42 sec
Ecliptic obliquity = 23°24'57, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°04'47, Lahiri = 26°11'47

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2167
geocentric

JULY 2167 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 35 39	9♋ 8'18	22♐20	24♊55	13°R19	24♉ 0	27♊ 0	29°R33	18°R35	13°R11	9♋36	4°R15	5♌31	28♏41	1♈24	W 1
T 2	18 39 36	10° 5'30	4♑24	26°52	12♋42	24°43	27°14	29♑29	18♒33	13♒10	9°37	4♌12	5°28	28°48	1°24	T 2
F 3	18 43 32	11° 2'42	16°36	28°50	12° 4	25°26	27°27	29°25	18°31	13° 8	9°39	4°10	5°25	28°54	1°24	F 3
S 4	18 47 29	11°59'54	28°57	0♋52	11°27	26° 9	27°41	29°21	18°29	13° 7	9°40	4°D 9	5°22	29° 1	1°24	S 4
S 5	18 51 26	12°57'06	11♒29	2°55	10°49	26°52	27°55	29°16	18°28	13° 6	9°42	4° 9	5°19	29° 8	1°R24	S 5
M 6	18 55 22	13°54'18	24°14	5° 0	10°12	27°35	28° 8	29°12	18°26	13° 4	9°43	4°10	5°15	29°14	1°24	M 6
T 7	18 59 19	14°51'29	7♓12	7° 6	9°35	28°18	28°22	29° 8	18°24	13° 3	9°45	4°11	5°12	29°21	1°24	T 7
W 8	19 3 15	15°48'41	20°26	9°14	8°59	29° 1	28°35	29° 4	18°22	13° 2	9°46	4°12	5° 9	29°28	1°24	W 8
T 9	19 7 12	16°45'54	3♈56	11°23	8°24	29°44	28°49	29° 0	18°20	13° 0	9°48	4°13	5° 6	29°35	1°24	T 9
F 10	19 11 8	17°43'06	17°44	13°32	7°51	0♊26	29° 2	28°55	18°18	12°59	9°49	4°R14	5° 3	29°41	1°23	F 10
S 11	19 15 5	18°40'19	1♉50	15°42	7°19	1° 9	29°16	28°51	18°16	12°57	9°51	4°13	4°59	29°48	1°23	S 11
S 12	19 19 1	19°37'33	16°12	17°52	6°48	1°51	29°29	28°47	18°14	12°56	9°52	4°12	4°56	29°55	1°23	S 12
M13	19 22 58	20°34'47	0♊47	20° 2	6°19	2°34	29°42	28°42	18°12	12°54	9°54	4°11	4°53	0♐ 1	1°22	M13
T 14	19 26 55	21°32'01	15°30	22°12	5°52	3°16	29°56	28°38	18°10	12°53	9°55	4° 9	4°50	0° 8	1°22	T 14
W15	19 30 51	22°29'16	0♋15	24°20	5°27	3°58	0♋ 9	28°33	18° 8	12°51	9°57	4° 8	4°47	0°15	1°21	W15
T 16	19 34 48	23°26'31	14°55	26°28	5° 5	4°41	0°22	28°29	18° 6	12°50	9°58	4° 7	4°44	0°22	1°21	T 16
F 17	19 38 44	24°23'46	29°23	28°35	4°44	5°23	0°36	28°25	18° 4	12°48	10° 0	4°D 7	4°40	0°28	1°20	F 17
S 18	19 42 41	25°21'02	13♌33	0♌41	4°26	6° 5	0°49	28°20	18° 2	12°47	10° 1	4° 7	4°37	0°35	1°19	S 18
S 19	19 46 37	26°18'18	27°22	2°45	4°10	6°47	1° 2	28°16	18° 0	12°45	10° 2	4° 7	4°34	0°42	1°19	S 19
M20	19 50 34	27°15'34	10♍48	4°48	3°56	7°29	1°15	28°11	17°58	12°44	10° 4	4° 8	4°31	0°48	1°18	M20
T 21	19 54 30	28°12'50	23°50	6°49	3°45	8°11	1°28	28° 7	17°55	12°42	10° 5	4° 8	4°28	0°55	1°17	T 21
W22	19 58 27	29°10'06	6♎31	8°49	3°36	8°52	1°41	28° 2	17°53	12°41	10° 7	4° 9	4°25	1° 2	1°16	W22
T 23	20 2 24	0♌ 7'22	18°54	10°47	3°29	9°34	1°54	27°58	17°51	12°39	10° 8	4° 9	4°21	1° 9	1°15	T 23
F 24	20 6 20	1° 4'39	1♏ 3	12°43	3°25	10°16	2° 7	27°53	17°49	12°37	10°10	4°R 9	4°18	1°15	1°14	F 24
S 25	20 10 17	2° 1'56	13° 2	14°38	3°D23	10°57	2°20	27°49	17°46	12°36	10°11	4° 9	4°15	1°22	1°13	S 25
S 26	20 14 13	2°59'13	24°55	16°31	3°23	11°39	2°33	27°45	17°44	12°34	10°12	4° 9	4°12	1°29	1°12	S 26
M27	20 18 10	3°56'31	6♐47	18°22	3°26	12°20	2°45	27°40	17°42	12°33	10°14	4°D 9	4° 9	1°35	1°11	M27
T 28	20 22 6	4°53'49	18°43	20°11	3°31	13° 1	2°58	27°36	17°39	12°31	10°15	4° 9	4° 5	1°42	1° 9	T 28
W29	20 26 3	5°51'07	0♑45	21°59	3°38	13°42	3°11	27°31	17°37	12°29	10°16	4° 9	4° 2	1°49	1° 8	W29
T 30	20 29 59	6°48'26	12°57	23°45	3°48	14°23	3°23	27°27	17°35	12°28	10°18	4° 9	3°59	1°55	1° 7	T 30
F 31	20 33 56	7♌45'46	25♑21	25♌29	3♋59	15♊ 5	3♋36	27♑23	17♒32	12♒26	10♋19	4♌10	3♌56	2♐ 2	1♈ 6	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	23n 6	19s42	3n30	22n48	0s31	19n57	2s49	18n 9	0s37	23n 3	0s20	20s20	0s 7	15s55	0s43	16s48	0n 3	19n13	3s52	19n11	18n52	15s14	4n 3	3n49
T 2	23 2	20 44	2 36	23 3	0 20	19 47	3 2	18 20	0 37	23 4	0 20	20 21	0 7	15 56	0 43	16 48	0 3	19 13	3 52	19 11	18 53	15 15	4 4	3 49
F 3	22 57	20 49	1 35	23 17	0 8	19 37	3 16	18 31	0 36	23 4	0 20	20 22	0 7	15 56	0 43	16 49	0 3	19 13	3 52	19 12	18 54	15 17	4 4	3 49
S 4	22 52	19 53	0 29	23 28	0n 3	19 28	3 29	18 42	0 35	23 4	0 19	20 23	0 7	15 57	0 43	16 49	0 3	19 13	3 51	19 12	18 55	15 19	4 4	3 49
S 5	22 47	17 58	0s40	23 37	0 14	19 18	3 41	18 53	0 35	23 5	0 19	20 24	0 7	15 58	0 43	16 49	0 3	19 13	3 51	19 12	18 55	15 21	4 4	3 49
M 6	22 41	15 8	1 49	23 44	0 25	19 9	3 53	19 3	0 34	23 5	0 19	20 25	0 7	15 58	0 43	16 50	0 3	19 13	3 51	19 12	18 56	15 22	4 4	3 50
T 7	22 35	11 31	2 52	23 49	0 35	19 0	4 5	19 13	0 33	23 5	0 19	20 26	0 8	15 59	0 43	16 50	0 3	19 13	3 51	19 12	18 57	15 24	4 4	3 50
W 8	22 29	7 17	3 48	23 51	0 45	18 51	4 16	19 23	0 33	23 5	0 19	20 27	0 8	15 59	0 43	16 51	0 3	19 13	3 51	19 11	18 58	15 26	4 4	3 50
T 9	22 22	2 37	4 33	23 50	0 54	18 43	4 27	19 33	0 32	23 6	0 19	20 28	0 8	16 0	0 43	16 51	0 3	19 13	3 51	19 11	18 58	15 28	4 4	3 50
F 10	22 15	2n17	5 3	23 46	1 3	18 35	4 37	19 43	0 31	23 6	0 19	20 29	0 8	16 1	0 43	16 51	0 3	19 13	3 51	19 11	18 59	15 29	4 4	3 50
S 11	22 7	7 9	5 16	23 40	1 11	18 27	4 46	19 52	0 30	23 6	0 19	20 30	0 8	16 1	0 43	16 52	0 3	19 12	3 51	19 11	19 0	15 31	4 4	3 50
S 12	21 59	11 44	5 9	23 30	1 18	18 20	4 55	20 2	0 30	23 6	0 19	20 31	0 8	16 2	0 43	16 52	0 3	19 12	3 51	19 11	19 1	15 33	4 4	3 50
M13	21 50	15 41	4 43	23 19	1 24	18 13	5 3	20 11	0 29	23 6	0 19	20 32	0 8	16 2	0 43	16 53	0 3	19 12	3 51	19 12	19 2	15 35	4 4	3 51
T 14	21 42	18 41	3 58	23 4	1 30	18 7	5 11	20 20	0 28	23 6	0 19	20 33	0 8	16 3	0 43	16 53	0 3	19 12	3 51	19 12	19 2	15 36	4 4	3 51
W15	21 33	20 28	2 57	22 47	1 35	18 1	5 18	20 28	0 28	23 6	0 19	20 34	0 8	16 4	0 43	16 54	0 3	19 12	3 51	19 12	19 3	15 38	4 4	3 51
T 16	21 23	20 51	1 44	22 27	1 39	17 55	5 24	20 37	0 27	23 6	0 19	20 35	0 8	16 4	0 43	16 54	0 3	19 12	3 51	19 13	19 4	15 40	4 4	3 51
F 17	21 13	19 50	0 26	22 6	1 42	17 50	5 30	20 45	0 26	23 6	0 18	20 36	0 8	16 5	0 43	16 54	0 3	19 12	3 51	19 13	19 5	15 42	4 4	3 51
S 18	21 3	17 34	0n52	21 42	1 45	17 46	5 35	20 53	0 25	23 6	0 18	20 37	0 9	16 6	0 43	16 55	0 3	19 12	3 51	19 13	19 5	15 43	4 4	3 51
S 19	20 52	14 20	2 5	21 16	1 47	17 42	5 39	21 1	0 24	23 6	0 18	20 38	0 9	16 6	0 43	16 55	0 3	19 12	3 51	19 12	19 6	15 45	4 4	3 51
M20	20 41	10 26	3 10	20 48	1 48	17 39	5 43	21 9	0 24	23 6	0 18	20 39	0 9	16 7	0 43	16 56	0 3	19 12	3 51	19 12	19 7	15 47	4 3	3 52
T 21	20 30	6 9	4 2	20 18	1 49	17 36	5 46	21 16	0 23	23 6	0 18	20 40	0 9	16 8	0 43	16 56	0 3	19 12	3 51	19 12	19 8	15 49	4 3	3 52
W22	20 18	1 43	4 41	19 47	1 48	17 33	5 49	21 24	0 22	23 6	0 18	20 41	0 9	16 8	0 43	16 57	0 3	19 12	3 51	19 12	19 8	15 50	4 3	3 52
T 23	20 6	2s41	5 6	19 14	1 48	17 31	5 51	21 31	0 21	23 6	0 18	20 42	0 9	16 9	0 43	16 57	0 3	19 12	3 51	19 12	19 9	15 52	4 3	3 52
F 24	19 54	6 53	5 17	18 40	1 46	17 30	5 53	21 38	0 21	23 6	0 18	20 43	0 9	16 10	0 43	16 58	0 3	19 12	3 51	19 12	19 10	15 54	4 2	3 52
S 25	19 41	10 45	5 13	18 5	1 44	17 29	5 54	21 44	0 20	23 6	0 18	20 44	0 9	16 11	0 43	16 58	0 3	19 11	3 51	19 12	19 11	15 55	4 2	3 52
S 26	19 28	14 11	4 57	17 29	1 41	17 28	5 54	21 51	0 19	23 6	0 18	20 45	0 9	16 11	0 43	16 59	0 3	19 11	3 51	19 12	19 11	15 57	4 2	3 52
M27	19 15	17 2	4 27	16 52	1 38	17 28	5 55	21 57	0 18	23 6	0 18	20 46	0 9	16 12	0 43	16 59	0 3	19 11	3 51	19 12	19 12	15 59	4 1	3 52
T 28	19 1	19 11	3 46	16 14	1 34	17 28	5 55	22 3	0 17	23 5	0 18	20 47	0 9	16 13	0 43	16 59	0 3	19 11	3 51	19 12	19 13	16 1	4 1	3 53
W29	18 47	20 30	2 55	15 35	1 30	17 28	5 54	22 9	0 17	23 5	0 18	20 47	0 10	16 13	0 43	17 0	0 3	19 11	3 51	19 12	19 14	16 2	4 1	3 53
T 30	18 33	20 53	1 55	14 56	1 25	17 29	5 53	22 15	0 16	23 5	0 17	20 48	0 10	16 14	0 43	17 0	0 3	19 11	3 51	19 12	19 14	16 4	4 0	3 53
F 31	18n19	20s15	0n49	14n16	1n20	17n30	5s52	22n20	0s15	23n 5	0s17	20s49	0s10	16s15	0s43	17s 1	0n 3	19n11	3s51	19n12	19n15	16s 6	4n 0	3n53

Julian Day Number = 2512721.5, Delta T = 134.48 sec
Ecliptic obliquity = 23°24'57, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°04'51, Lahiri = 26°11'51

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2167
geocentric

AUGUST 2167 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 37 53	8♌43'06	7♒58	27♌11	4♋13	15♊45	3♋49	27°R18	17°R30	12°R25	10♋21	4°R10	3♌53	2♐ 9	1°R 4	S 1
S 2	20 41 49	9°40'27	20°50	28°52	4°28	16°26	4° 1	27♏14	17♒28	12♒23	10°22	4♌ 9	3°50	2°16	1♈ 3	S 2
M 3	20 45 46	10°37'49	3♓56	0♍31	4°45	17° 7	4°13	27°10	17°25	12°21	10°23	4° 9	3°46	2°22	1° 1	M 3
T 4	20 49 42	11°35'11	17°16	2° 8	5° 5	17°48	4°26	27° 6	17°23	12°20	10°24	4° 8	3°43	2°29	1° 0	T 4
W 5	20 53 39	12°32'35	0♈50	3°43	5°26	18°28	4°38	27° 1	17°21	12°18	10°26	4° 7	3°40	2°36	0°58	W 5
T 6	20 57 35	13°29'59	14°36	5°17	5°48	19° 9	4°50	26°57	17°18	12°16	10°27	4° 6	3°37	2°42	0°57	T 6
F 7	21 1 32	14°27'25	28°33	6°49	6°13	19°49	5° 2	26°53	17°16	12°15	10°28	4° 5	3°34	2°49	0°55	F 7
S 8	21 5 28	15°24'52	12♉39	8°20	6°39	20°30	5°14	26°49	17°13	12°13	10°30	4°D 5	3°30	2°56	0°53	S 8
S 9	21 9 25	16°22'21	26°52	9°48	7° 7	21°10	5°26	26°45	17°11	12°12	10°31	4° 5	3°27	3° 3	0°51	S 9
M10	21 13 22	17°19'51	11♊10	11°15	7°36	21°50	5°38	26°41	17° 9	12°10	10°32	4° 6	3°24	3° 9	0°50	M10
T 11	21 17 18	18°17'22	25°30	12°41	8° 7	22°30	5°50	26°37	17° 6	12° 8	10°33	4° 7	3°21	3°16	0°48	T 11
W12	21 21 15	19°14'54	9♋48	14° 4	8°39	23°10	6° 2	26°33	17° 4	12° 7	10°35	4° 8	3°18	3°23	0°46	W12
T 13	21 25 11	20°12'28	24° 1	15°25	9°12	23°50	6°14	26°29	17° 1	12° 5	10°36	4° 9	3°15	3°29	0°44	T 13
F 14	21 29 8	21°10'03	8♌ 6	16°45	9°47	24°30	6°25	26°25	16°59	12° 3	10°37	4°R 9	3°11	3°36	0°42	F 14
S 15	21 33 4	22° 7'39	21°57	18° 3	10°23	25°10	6°37	26°21	16°57	12° 2	10°38	4° 8	3° 8	3°43	0°40	S 15
S 16	21 37 1	23° 5'16	5♍33	19°19	11° 0	25°49	6°48	26°18	16°54	12° 0	10°39	4° 7	3° 5	3°49	0°38	S 16
M17	21 40 57	24° 2'54	18°51	20°33	11°39	26°29	7° 0	26°14	16°52	11°59	10°40	4° 4	3° 2	3°56	0°36	M17
T 18	21 44 54	25° 0'34	1♎49	21°45	12°18	27° 8	7°11	26°10	16°50	11°57	10°42	4° 1	2°59	4° 3	0°34	T 18
W19	21 48 51	25°58'14	14°29	22°54	12°59	27°48	7°22	26° 7	16°47	11°56	10°43	3°58	2°56	4°10	0°32	W19
T 20	21 52 47	26°55'56	26°52	24° 2	13°40	28°27	7°33	26° 3	16°45	11°54	10°44	3°55	2°52	4°16	0°29	T 20
F 21	21 56 44	27°53'38	9♏ 2	25° 7	14°23	29° 6	7°44	26° 0	16°43	11°52	10°45	3°53	2°49	4°23	0°27	F 21
S 22	22 0 40	28°51'22	21° 1	26° 9	15° 7	29°45	7°55	25°57	16°40	11°51	10°46	3°51	2°46	4°30	0°25	S 22
S 23	22 4 37	29°49'06	2♐54	27° 9	15°51	0♋24	8° 6	25°53	16°38	11°49	10°47	3°D51	2°43	4°36	0°23	S 23
M24	22 8 33	0♍46'52	14°46	28° 7	16°36	1° 3	8°17	25°50	16°36	11°48	10°48	3°52	2°40	4°43	0°20	M24
T 25	22 12 30	1°44'39	26°42	29° 1	17°23	1°42	8°28	25°47	16°33	11°46	10°49	3°53	2°36	4°50	0°18	T 25
W26	22 16 26	2°42'27	8♑47	29°53	18°10	2°20	8°38	25°44	16°31	11°45	10°50	3°55	2°33	4°56	0°16	W26
T 27	22 20 23	3°40'17	21° 4	0♎41	18°58	2°59	8°49	25°41	16°29	11°43	10°51	3°57	2°30	5° 3	0°13	T 27
F 28	22 24 20	4°38'07	3♒37	1°26	19°46	3°37	8°59	25°38	16°27	11°42	10°52	3°R57	2°27	5°10	0°11	F 28
S 29	22 28 16	5°35'59	16°28	2° 8	20°36	4°16	9°10	25°35	16°24	11°40	10°53	3°57	2°24	5°17	0° 8	S 29
S 30	22 32 13	6°33'53	29°39	2°46	21°26	4°54	9°20	25°32	16°22	11°39	10°54	3°54	2°21	5°23	0° 6	S 30
M31	22 36 9	7♍31'47	13♓10	3♎19	22♋17	5♋32	9♋30	25♏29	16♒20	11♒37	10♋55	3♌51	2♌17	5♐30	0♈ 3	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18n 4	18s36	0s21	13n36	1n14	17n31	5s50	22n25	0s14	23n 4	0s17	20s50	0s10	16s16	0s43	17s 1	0n 3	19n11	3s51	19n12	19n16	16s 7	3n59	3n53
S 2	17 49	15 59	1 31	12 56	1 8	17 32	5 48	22 30	0 13	23 4	0 17	20 51	0 10	16 16	0 43	17 2	0 3	19 11	3 51	19 12	19 17	16 9	3 59	3 53
M 3	17 33	12 30	2 38	12 15	1 2	17 34	5 46	22 35	0 12	23 4	0 17	20 52	0 10	16 17	0 43	17 2	0 3	19 11	3 51	19 12	19 17	16 11	3 58	3 53
T 4	17 18	8 21	3 37	11 34	0 55	17 36	5 44	22 40	0 12	23 3	0 17	20 53	0 10	16 18	0 43	17 3	0 3	19 11	3 51	19 12	19 18	16 13	3 58	3 53
W 5	17 2	3 43	4 25	10 53	0 48	17 37	5 41	22 44	0 11	23 3	0 17	20 54	0 10	16 19	0 43	17 3	0 3	19 10	3 51	19 12	19 19	16 14	3 57	3 53
T 6	16 45	1n10	4 58	10 12	0 41	17 40	5 38	22 49	0 10	23 3	0 17	20 55	0 10	16 19	0 43	17 4	0 3	19 10	3 51	19 13	19 20	16 16	3 57	3 54
F 7	16 29	6 2	5 15	9 30	0 33	17 42	5 35	22 53	0 9	23 2	0 17	20 56	0 10	16 20	0 43	17 4	0 3	19 10	3 51	19 13	19 20	16 18	3 56	3 54
S 8	16 12	10 39	5 13	8 49	0 25	17 44	5 32	22 56	0 8	23 2	0 17	20 57	0 10	16 21	0 43	17 5	0 2	19 10	3 51	19 13	19 21	16 19	3 56	3 54
S 9	15 55	14 42	4 52	8 8	0 16	17 46	5 28	23 0	0 7	23 2	0 17	20 57	0 10	16 22	0 43	17 5	0 2	19 10	3 51	19 13	19 22	16 21	3 55	3 54
M10	15 38	17 55	4 13	7 27	0 8	17 48	5 24	23 4	0 6	23 1	0 17	20 58	0 10	16 22	0 43	17 6	0 2	19 10	3 51	19 13	19 23	16 23	3 54	3 54
T 11	15 20	20 3	3 18	6 47	0s 1	17 50	5 20	23 7	0 5	23 1	0 17	20 59	0 11	16 23	0 43	17 6	0 2	19 10	3 51	19 13	19 23	16 24	3 54	3 54
W12	15 2	20 53	2 11	6 7	0 10	17 53	5 16	23 10	0 5	23 0	0 17	21 0	0 11	16 24	0 43	17 6	0 2	19 10	3 51	19 12	19 24	16 26	3 53	3 54
T 13	14 44	20 22	0 56	5 27	0 19	17 55	5 12	23 13	0 4	23 0	0 16	21 1	0 11	16 24	0 43	17 7	0 2	19 10	3 51	19 12	19 25	16 28	3 52	3 54
F 14	14 26	18 35	0n22	4 47	0 29	17 57	5 7	23 15	0 3	22 59	0 16	21 2	0 11	16 25	0 43	17 7	0 2	19 10	3 51	19 12	19 25	16 29	3 52	3 54
S 15	14 7	15 42	1 37	4 8	0 38	17 59	5 3	23 18	0 2	22 59	0 16	21 2	0 11	16 26	0 43	17 8	0 2	19 10	3 51	19 12	19 26	16 31	3 51	3 54
S 16	13 49	12 1	2 45	3 29	0 48	18 0	4 58	23 20	0 1	22 58	0 16	21 3	0 11	16 27	0 43	17 8	0 2	19 9	3 51	19 13	19 27	16 33	3 50	3 54
M17	13 30	7 49	3 42	2 51	0 58	18 2	4 53	23 22	0 0	22 58	0 16	21 4	0 11	16 27	0 43	17 9	0 2	19 9	3 51	19 13	19 28	16 34	3 49	3 55
T 18	13 10	3 21	4 26	2 14	1 8	18 4	4 48	23 24	0n 1	22 57	0 16	21 5	0 11	16 28	0 43	17 9	0 2	19 9	3 51	19 14	19 28	16 36	3 49	3 55
W19	12 51	1s 9	4 56	1 37	1 18	18 5	4 43	23 26	0 2	22 57	0 16	21 5	0 11	16 29	0 43	17 10	0 2	19 9	3 51	19 15	19 29	16 38	3 48	3 55
T 20	12 31	5 30	5 12	1 1	1 28	18 6	4 38	23 27	0 3	22 56	0 16	21 6	0 11	16 29	0 43	17 10	0 2	19 9	3 51	19 15	19 30	16 39	3 47	3 55
F 21	12 12	9 33	5 13	0 26	1 38	18 7	4 33	23 29	0 4	22 56	0 16	21 7	0 11	16 30	0 43	17 11	0 2	19 9	3 51	19 16	19 31	16 41	3 46	3 55
S 22	11 52	13 9	5 0	0s 8	1 48	18 7	4 28	23 30	0 5	22 55	0 16	21 8	0 11	16 31	0 43	17 11	0 2	19 9	3 51	19 16	19 31	16 43	3 45	3 55
S 23	11 31	16 13	4 35	0 41	1 59	18 8	4 23	23 31	0 6	22 54	0 16	21 8	0 11	16 32	0 43	17 11	0 2	19 9	3 51	19 16	19 32	16 44	3 45	3 55
M24	11 11	18 37	3 58	1 13	2 9	18 8	4 17	23 31	0 7	22 54	0 16	21 9	0 12	16 32	0 43	17 12	0 2	19 9	3 51	19 16	19 33	16 46	3 44	3 55
T 25	10 51	20 12	3 10	1 44	2 19	18 8	4 12	23 32	0 8	22 53	0 16	21 10	0 12	16 33	0 43	17 12	0 2	19 9	3 51	19 16	19 34	16 48	3 43	3 55
W26	10 30	20 54	2 14	2 14	2 29	18 7	4 6	23 32	0 8	22 53	0 16	21 10	0 12	16 34	0 43	17 13	0 2	19 9	3 51	19 15	19 34	16 49	3 42	3 55
T 27	10 9	20 37	1 10	2 42	2 39	18 6	4 1	23 32	0 9	22 52	0 16	21 11	0 12	16 34	0 43	17 13	0 2	19 8	3 51	19 15	19 35	16 51	3 41	3 55
F 28	9 48	19 18	0 2	3 9	2 49	18 5	3 55	23 32	0 10	22 51	0 15	21 11	0 12	16 35	0 43	17 14	0 2	19 8	3 51	19 15	19 36	16 53	3 40	3 55
S 29	9 27	16 58	1s 8	3 35	2 59	18 3	3 50	23 32	0 11	22 51	0 15	21 12	0 12	16 36	0 43	17 14	0 2	19 8	3 51	19 15	19 36	16 54	3 39	3 55
S 30	9 6	13 42	2 16	3 58	3 8	18 2	3 44	23 32	0 12	22 50	0 15	21 13	0 12	16 36	0 43	17 14	0 2	19 8	3 51	19 16	19 37	16 56	3 38	3 55
M31	8n44	9s39	3s18	4s20	3s17	17n59	3s38	23n31	0n13	22n49	0s15	21s13	0s12	16s37	0s43	17s15	0n 2	19n 8	3s51	19n16	19n38	16s57	3n37	3n55

Julian Day Number = 2512752.5, Delta T = 134.55 sec
Ecliptic obliquity = 23°24'58, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°04'55, Lahiri = 26°11'56

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2167
geocentric

SEPTEMBER 2167 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 40 6	8♍29'44	26♓57	3♎49	23♋ 8	6♋10	9♋40	25°R27	16°R18	11°R36	10♋56	3°R46	2♌14	5♐37	0°R 1	T 1
W 2	22 44 2	9°27'42	10♈58	4°14	24° 0	6°48	9°50	25♑24	16♒16	11♒35	10°56	3♌40	2°11	5°43	29♓58	W 2
T 3	22 47 59	10°25'41	25° 8	4°34	24°53	7°26	10° 0	25°22	16°13	11°33	10°57	3°35	2° 8	5°50	29°56	T 3
F 4	22 51 55	11°23'43	9♉24	4°49	25°47	8° 3	10° 9	25°19	16°11	11°32	10°58	3°31	2° 5	5°57	29°53	F 4
S 5	22 55 52	12°21'46	23°40	4°59	26°41	8°41	10°19	25°17	16° 9	11°31	10°59	3°28	2° 2	6° 3	29°51	S 5
S 6	22 59 48	13°19'52	7♊55	5°R 3	27°35	9°18	10°28	25°15	16° 7	11°29	11° 0	3°D26	1°58	6°10	29°48	S 6
M 7	23 3 45	14°17'59	22° 5	5° 1	28°30	9°56	10°38	25°12	16° 5	11°28	11° 1	3°26	1°55	6°17	29°45	M 7
T 8	23 7 42	15°16'09	6♋ 8	4°53	29°26	10°33	10°47	25°10	16° 3	11°27	11° 1	3°27	1°52	6°24	29°43	T 8
W 9	23 11 38	16°14'21	20° 4	4°39	0♌22	11°10	10°56	25° 8	16° 1	11°25	11° 2	3°29	1°49	6°30	29°40	W 9
T 10	23 15 35	17°12'34	3♌52	4°19	1°19	11°47	11° 5	25° 7	15°59	11°24	11° 3	3°R29	1°46	6°37	29°37	T 10
F 11	23 19 31	18°10'49	17°30	3°52	2°16	12°24	11°14	25° 5	15°57	11°23	11° 3	3°28	1°42	6°44	29°35	F 11
S 12	23 23 28	19° 9'07	0♍57	3°18	3°14	13° 1	11°23	25° 3	15°55	11°22	11° 4	3°25	1°39	6°50	29°32	S 12
S 13	23 27 24	20° 7'26	14°12	2°39	4°12	13°37	11°31	25° 1	15°54	11°20	11° 5	3°20	1°36	6°57	29°29	S 13
M14	23 31 21	21° 5'47	27°14	1°53	5°11	14°14	11°40	25° 0	15°52	11°19	11° 5	3°13	1°33	7° 4	29°26	M14
T 15	23 35 17	22° 4'09	10♎ 1	1° 3	6°10	14°50	11°48	24°58	15°50	11°18	11° 6	3° 4	1°30	7°10	29°24	T 15
W16	23 39 14	23° 2'34	22°34	0° 7	7° 9	15°27	11°57	24°57	15°48	11°17	11° 7	2°55	1°27	7°17	29°21	W16
T 17	23 43 11	24° 1'00	4♏53	29♍ 8	8° 9	16° 3	12° 5	24°56	15°47	11°16	11° 7	2°47	1°23	7°24	29°18	T 17
F 18	23 47 7	24°59'28	16°59	28° 7	9° 9	16°39	12°13	24°55	15°45	11°15	11° 8	2°39	1°20	7°31	29°15	F 18
S 19	23 51 4	25°57'57	28°57	27° 5	10°10	17°15	12°20	24°54	15°43	11°14	11° 8	2°33	1°17	7°37	29°12	S 19
S 20	23 55 0	26°56'28	10♐48	26° 2	11°11	17°50	12°28	24°53	15°42	11°13	11° 9	2°30	1°14	7°44	29°10	S 20
M21	23 58 57	27°55'01	22°39	25° 1	12°12	18°26	12°36	24°52	15°40	11°12	11° 9	2°D28	1°11	7°51	29° 7	M21
T 22	0 2 53	28°53'36	4♑33	24° 4	13°14	19° 1	12°43	24°51	15°38	11°11	11°10	2°28	1° 7	7°57	29° 4	T 22
W23	0 6 50	29°52'12	16°36	23°11	14°16	19°37	12°50	24°50	15°37	11°10	11°10	2°29	1° 4	8° 4	29° 1	W23
T 24	0 10 46	0♎50'50	28°54	22°25	15°18	20°12	12°58	24°50	15°35	11° 9	11°11	2°R30	1° 1	8°11	28°58	T 24
F 25	0 14 43	1°49'29	11♒31	21°45	16°21	20°47	13° 5	24°49	15°34	11° 8	11°11	2°29	0°58	8°17	28°56	F 25
S 26	0 18 40	2°48'10	24°30	21°14	17°24	21°22	13°11	24°49	15°33	11° 7	11°11	2°27	0°55	8°24	28°53	S 26
S 27	0 22 36	3°46'53	7♓54	20°52	18°27	21°56	13°18	24°49	15°31	11° 6	11°12	2°22	0°52	8°31	28°50	S 27
M28	0 26 33	4°45'38	21°42	20°40	19°31	22°31	13°25	24°48	15°30	11° 6	11°12	2°15	0°48	8°37	28°47	M28
T 29	0 30 29	5°44'24	5♈53	20°D37	20°35	23° 5	13°31	24°D48	15°29	11° 5	11°12	2° 6	0°45	8°44	28°45	T 29
W30	0 34 26	6♎43'13	20♈21	20♍45	21♌39	23♋40	13♋37	24♑48	15♒27	11♒ 4	11♋13	1♌56	0♌42	8♐51	28♓42	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n23	5s 1	4s 9	4s40	3s26	17n57	3s32	23n31	0n14	22n49	0s15	21s14	0s12	16s38	0s43	17s15	0n 2	19n 8	3s51	19n18	19n39	16s59	3n36	3n55
W 2	8 1	0 4	4 47	4 58	3 35	17 54	3 27	23 30	0 15	22 48	0 15	21 14	0 12	16 38	0 43	17 16	0 2	19 8	3 51	19 19	19 39	17 1	3 35	3 55
T 3	7 39	4n57	5 7	5 13	3 42	17 50	3 21	23 29	0 16	22 47	0 15	21 15	0 12	16 39	0 43	17 16	0 2	19 8	3 51	19 20	19 40	17 2	3 34	3 55
F 4	7 17	9 43	5 9	5 26	3 50	17 46	3 15	23 28	0 17	22 47	0 15	21 15	0 12	16 39	0 43	17 16	0 2	19 8	3 51	19 21	19 41	17 4	3 33	3 55
S 5	6 55	13 58	4 51	5 36	3 57	17 42	3 9	23 26	0 18	22 46	0 15	21 16	0 12	16 40	0 43	17 17	0 2	19 8	3 51	19 22	19 41	17 6	3 32	3 55
S 6	6 33	17 23	4 16	5 43	4 3	17 38	3 3	23 25	0 19	22 45	0 15	21 16	0 12	16 41	0 43	17 17	0 2	19 8	3 51	19 22	19 42	17 7	3 31	3 55
M 7	6 10	19 46	3 26	5 47	4 8	17 32	2 58	23 23	0 21	22 45	0 15	21 17	0 13	16 41	0 43	17 17	0 2	19 7	3 51	19 22	19 43	17 9	3 30	3 55
T 8	5 48	20 54	2 23	5 48	4 12	17 27	2 52	23 21	0 22	22 44	0 15	21 17	0 13	16 42	0 43	17 18	0 2	19 7	3 51	19 22	19 44	17 10	3 29	3 55
W 9	5 25	20 44	1 12	5 45	4 15	17 21	2 46	23 19	0 23	22 43	0 15	21 18	0 13	16 42	0 43	17 18	0 2	19 7	3 51	19 22	19 44	17 12	3 28	3 55
T 10	5 3	19 18	0n 2	5 39	4 17	17 15	2 40	23 17	0 24	22 43	0 15	21 18	0 13	16 43	0 43	17 19	0 2	19 7	3 51	19 21	19 45	17 14	3 27	3 55
F 11	4 40	16 46	1 15	5 28	4 18	17 8	2 34	23 15	0 25	22 42	0 15	21 18	0 13	16 44	0 43	17 19	0 2	19 7	3 51	19 22	19 46	17 15	3 26	3 55
S 12	4 17	13 21	2 23	5 14	4 17	17 0	2 28	23 13	0 26	22 41	0 14	21 19	0 13	16 44	0 43	17 19	0 2	19 7	3 51	19 22	19 46	17 17	3 25	3 55
S 13	3 55	9 19	3 22	4 56	4 14	16 53	2 23	23 10	0 27	22 41	0 14	21 19	0 13	16 45	0 43	17 20	0 2	19 7	3 51	19 23	19 47	17 18	3 23	3 55
M14	3 32	4 54	4 9	4 34	4 10	16 44	2 17	23 7	0 28	22 40	0 14	21 19	0 13	16 45	0 43	17 20	0 2	19 7	3 51	19 25	19 48	17 20	3 22	3 55
T 15	3 9	0 22	4 42	4 8	4 3	16 36	2 11	23 4	0 29	22 39	0 14	21 20	0 13	16 46	0 43	17 20	0 2	19 7	3 51	19 27	19 48	17 22	3 21	3 55
W16	2 46	4s 6	5 1	3 39	3 55	16 27	2 5	23 1	0 30	22 39	0 14	21 20	0 13	16 46	0 43	17 21	0 2	19 7	3 51	19 29	19 49	17 23	3 20	3 55
T 17	2 22	8 19	5 6	3 6	3 45	16 17	2 0	22 58	0 31	22 38	0 14	21 20	0 13	16 47	0 43	17 21	0 2	19 7	3 51	19 31	19 50	17 25	3 19	3 55
F 18	1 59	12 9	4 57	2 31	3 33	16 7	1 54	22 55	0 32	22 37	0 14	21 21	0 13	16 47	0 43	17 21	0 2	19 7	3 51	19 33	19 51	17 26	3 18	3 55
S 19	1 36	15 26	4 35	1 53	3 19	15 56	1 48	22 52	0 33	22 37	0 14	21 21	0 13	16 48	0 43	17 22	0 2	19 6	3 51	19 34	19 51	17 28	3 17	3 55
S 20	1 13	18 4	4 1	1 14	3 4	15 45	1 43	22 48	0 35	22 36	0 14	21 21	0 13	16 48	0 43	17 22	0 2	19 6	3 51	19 35	19 52	17 29	3 15	3 55
M21	0 50	19 56	3 17	0 34	2 47	15 34	1 37	22 44	0 36	22 35	0 14	21 21	0 13	16 49	0 43	17 22	0 2	19 6	3 51	19 35	19 53	17 31	3 14	3 55
T 22	0 26	20 56	2 24	0n 5	2 28	15 22	1 31	22 41	0 37	22 35	0 14	21 22	0 14	16 49	0 43	17 22	0 2	19 6	3 51	19 35	19 53	17 33	3 13	3 55
W23	0 3	21 0	1 24	0 43	2 9	15 10	1 26	22 37	0 38	22 34	0 14	21 22	0 14	16 49	0 43	17 23	0 2	19 6	3 51	19 35	19 54	17 34	3 12	3 55
T 24	0s20	20 3	0 19	1 20	1 49	14 57	1 20	22 33	0 39	22 34	0 14	21 22	0 14	16 50	0 43	17 23	0 2	19 6	3 51	19 35	19 55	17 36	3 11	3 54
F 25	0 44	18 5	0s48	1 54	1 29	14 44	1 15	22 29	0 40	22 33	0 14	21 22	0 14	16 50	0 43	17 23	0 2	19 6	3 52	19 35	19 55	17 37	3 10	3 54
S 26	1 7	15 9	1 55	2 25	1 9	14 30	1 10	22 24	0 41	22 32	0 13	21 22	0 14	16 51	0 43	17 23	0 2	19 6	3 52	19 36	19 56	17 39	3 8	3 54
S 27	1 30	11 20	2 57	2 51	0 50	14 16	1 4	22 20	0 43	22 32	0 13	21 22	0 14	16 51	0 43	17 24	0 2	19 6	3 52	19 37	19 57	17 40	3 7	3 54
M28	1 53	6 49	3 51	3 14	0 30	14 1	0 59	22 16	0 44	22 31	0 13	21 22	0 14	16 51	0 43	17 24	0 2	19 6	3 52	19 38	19 57	17 42	3 6	3 54
T 29	2 17	1 50	4 32	3 32	0 12	13 46	0 54	22 11	0 45	22 31	0 13	21 22	0 14	16 52	0 43	17 24	0 2	19 6	3 52	19 40	19 58	17 44	3 5	3 54
W30	2s40	3n22	4s57	3n45	0n 6	13n31	0s49	22n 6	0n46	22n30	0s13	21s23	0s14	16s52	0s43	17s24	0n 2	19n 6	3s52	19n43	19n59	17s45	3n 4	3n54

Julian Day Number = 2512783.5, Delta T = 134.62 sec
Ecliptic obliquity = 23°24'59, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°05'00, Lahiri = 26°12'00

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2167
geocentric

OCTOBER 2167 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 38 22	7♎42'04	5♉ 0	21♍ 3	22♌43	24♋14	13♋43	24♑49	15°R26	11°R 3	11♋13	1°R46	0♌39	8♐58	28°R39	T 1
F 2	0 42 19	8°40'57	19°41	21°30	23°48	24°48	13°49	24°49	15♒25	11♒ 3	11°13	1♌38	0°36	9° 4	28♓36	F 2
S 3	0 46 15	9°39'52	4♊18	22° 7	24°53	25°22	13°55	24°49	15°24	11° 2	11°13	1°31	0°33	9°11	28°34	S 3
S 4	0 50 12	10°38'49	18°45	22°53	25°59	25°55	14° 1	24°49	15°23	11° 1	11°14	1°27	0°29	9°18	28°31	S 4
M 5	0 54 9	11°37'49	2♋59	23°47	27° 4	26°29	14° 6	24°50	15°22	11° 1	11°14	1°25	0°26	9°24	28°28	M 5
T 6	0 58 5	12°36'51	16°58	24°48	28°10	27° 2	14°11	24°51	15°21	11° 0	11°14	1°D25	0°23	9°31	28°26	T 6
W 7	1 2 2	13°35'56	0♌41	25°56	29°16	27°35	14°16	24°51	15°20	11° 0	11°14	1°R25	0°20	9°38	28°23	W 7
T 8	1 5 58	14°35'02	14°11	27°10	0♍22	28° 8	14°21	24°52	15°19	10°59	11°14	1°25	0°17	9°44	28°20	T 8
F 9	1 9 55	15°34'11	27°27	28°30	1°29	28°41	14°26	24°53	15°18	10°59	11°14	1°22	0°13	9°51	28°18	F 9
S 10	1 13 51	16°33'22	10♍32	29°54	2°35	29°14	14°31	24°54	15°18	10°58	11°14	1°17	0°10	9°58	28°15	S 10
S 11	1 17 48	17°32'36	23°26	1♎22	3°42	29°46	14°35	24°55	15°17	10°58	11°14	1° 9	0° 7	10° 4	28°12	S 11
M12	1 21 44	18°31'51	6♎ 8	2°54	4°50	0♌18	14°39	24°56	15°16	10°57	11°R14	0°58	0° 4	10°11	28°10	M12
T 13	1 25 41	19°31'09	18°40	4°28	5°57	0°50	14°43	24°58	15°16	10°57	11°14	0°45	0° 1	10°18	28° 7	T 13
W14	1 29 37	20°30'28	1♏ 1	6° 5	7° 4	1°22	14°47	24°59	15°15	10°57	11°14	0°31	29♋58	10°25	28° 5	W14
T 15	1 33 34	21°29'50	13°12	7°44	8°12	1°54	14°51	25° 1	15°14	10°56	11°14	0°17	29°54	10°31	28° 2	T 15
F 16	1 37 31	22°29'14	25°13	9°24	9°20	2°25	14°55	25° 2	15°14	10°56	11°14	0° 5	29°51	10°38	28° 0	F 16
S 17	1 41 27	23°28'39	7♐ 7	11° 5	10°28	2°57	14°58	25° 4	15°14	10°56	11°14	29♋55	29°48	10°45	27°57	S 17
S 18	1 45 24	24°28'07	18°56	12°47	11°37	3°28	15° 1	25° 6	15°13	10°56	11°14	29°48	29°45	10°51	27°55	S 18
M19	1 49 20	25°27'36	0♑44	14°30	12°45	3°59	15° 4	25° 8	15°13	10°55	11°14	29°44	29°42	10°58	27°52	M19
T 20	1 53 17	26°27'07	12°36	16°13	13°54	4°29	15° 7	25°10	15°13	10°55	11°14	29°42	29°39	11° 5	27°50	T 20
W21	1 57 13	27°26'40	24°36	17°56	15° 3	5° 0	15° 9	25°12	15°12	10°55	11°13	29°41	29°35	11°11	27°48	W21
T 22	2 1 10	28°26'14	6♒50	19°39	16°12	5°30	15°12	25°14	15°12	10°55	11°13	29°41	29°32	11°18	27°45	T 22
F 23	2 5 6	29°25'51	19°24	21°22	17°21	6° 0	15°14	25°16	15°12	10°D55	11°13	29°41	29°29	11°25	27°43	F 23
S 24	2 9 3	0♏25'29	2♓22	23° 5	18°30	6°29	15°16	25°19	15°12	10°55	11°13	29°38	29°26	11°31	27°41	S 24
S 25	2 13 0	1°25'08	15°48	24°48	19°40	6°59	15°18	25°21	15°D12	10°55	11°12	29°33	29°23	11°38	27°39	S 25
M26	2 16 56	2°24'50	29°43	26°30	20°49	7°28	15°19	25°24	15°12	10°55	11°12	29°25	29°19	11°45	27°37	M26
T 27	2 20 53	3°24'33	14♈ 6	28°12	21°59	7°57	15°21	25°26	15°12	10°55	11°12	29°15	29°16	11°51	27°34	T 27
W28	2 24 49	4°24'18	28°52	29°54	23° 9	8°26	15°22	25°29	15°12	10°56	11°11	29° 3	29°13	11°58	27°32	W28
T 29	2 28 46	5°24'05	13♉52	1♏35	24°19	8°55	15°23	25°32	15°12	10°56	11°11	28°52	29°10	12° 5	27°30	T 29
F 30	2 32 42	6°23'54	28°58	3°15	25°29	9°23	15°24	25°35	15°12	10°56	11°11	28°41	29° 7	12°12	27°28	F 30
S 31	2 36 39	7♏23'45	13♊59	4♏55	26♍40	9♌51	15♋24	25♑38	15♒13	10♒56	11♋10	28♋33	29♋ 4	12♐18	27♓26	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
T 1	3s 3	8n25	5s 2	3n53	0n22	13n15	0s43	22n 2	0n47	22n30	0s13	21s23	0s14	16s52	0s43	17s25	0n 2	19n 6	3s52	19n45	20n 0	17s47	3n 2	3n54
F 2	3 26	13 1	4 48	3 56	0 37	12 58	0 38	21 57	0 49	22 29	0 13	21 23	0 14	16 53	0 43	17 25	0 2	19 6	3 52	19 47	20 0	17 48	3 1	3 54
S 3	3 50	16 48	4 15	3 54	0 51	12 41	0 33	21 52	0 50	22 29	0 13	21 23	0 14	16 53	0 43	17 25	0 2	19 6	3 52	19 48	20 1	17 50	3 0	3 54
S 4	4 13	19 31	3 26	3 48	1 4	12 24	0 28	21 47	0 51	22 28	0 13	21 23	0 14	16 53	0 43	17 25	0 2	19 5	3 52	19 49	20 2	17 51	2 59	3 53
M 5	4 36	20 58	2 25	3 37	1 15	12 7	0 23	21 42	0 52	22 28	0 13	21 23	0 14	16 53	0 43	17 25	0 2	19 5	3 52	19 49	20 2	17 53	2 58	3 53
T 6	4 59	21 5	1 16	3 21	1 24	11 49	0 19	21 36	0 54	22 27	0 13	21 22	0 14	16 54	0 43	17 25	0 2	19 5	3 52	19 50	20 3	17 54	2 56	3 53
W 7	5 22	19 55	0 4	3 2	1 33	11 30	0 14	21 31	0 55	22 27	0 13	21 22	0 14	16 54	0 43	17 26	0 2	19 5	3 52	19 49	20 4	17 56	2 55	3 53
T 8	5 45	17 38	1n 7	2 39	1 40	11 11	0 9	21 26	0 56	22 26	0 13	21 22	0 14	16 54	0 43	17 26	0 2	19 5	3 52	19 50	20 4	17 57	2 54	3 53
F 9	6 7	14 26	2 13	2 13	1 46	10 52	0 4	21 20	0 57	22 26	0 12	21 22	0 15	16 54	0 43	17 26	0 2	19 5	3 52	19 50	20 5	17 59	2 53	3 53
S 10	6 30	10 34	3 11	1 43	1 50	10 33	0n 0	21 15	0 59	22 25	0 12	21 22	0 15	16 55	0 42	17 26	0 2	19 5	3 52	19 51	20 6	18 0	2 52	3 53
S 11	6 53	6 15	3 58	1 11	1 54	10 13	0 5	21 9	1 0	22 25	0 12	21 22	0 15	16 55	0 42	17 26	0 2	19 5	3 52	19 53	20 6	18 2	2 51	3 53
M12	7 15	1 44	4 33	0 37	1 56	9 52	0 9	21 4	1 1	22 25	0 12	21 22	0 15	16 55	0 42	17 26	0 2	19 5	3 52	19 55	20 7	18 3	2 49	3 52
T 13	7 38	2s47	4 54	0 1	1 57	9 32	0 13	20 58	1 3	22 24	0 12	21 22	0 15	16 55	0 42	17 26	0 2	19 5	3 52	19 58	20 8	18 5	2 48	3 52
W14	8 0	7 8	5 0	0s37	1 58	9 11	0 18	20 53	1 4	22 24	0 12	21 21	0 15	16 55	0 42	17 26	0 2	19 5	3 52	20 1	20 8	18 6	2 47	3 52
T 15	8 22	11 8	4 53	1 16	1 58	8 49	0 22	20 47	1 5	22 23	0 12	21 21	0 15	16 55	0 42	17 27	0 2	19 5	3 52	20 4	20 9	18 8	2 46	3 52
F 16	8 45	14 39	4 32	1 56	1 56	8 28	0 26	20 41	1 7	22 23	0 12	21 21	0 15	16 56	0 42	17 27	0 2	19 5	3 52	20 7	20 10	18 9	2 45	3 52
S 17	9 7	17 32	4 0	2 37	1 55	8 6	0 30	20 35	1 8	22 23	0 12	21 21	0 15	16 56	0 42	17 27	0 2	19 5	3 52	20 9	20 10	18 11	2 44	3 52
S 18	9 28	19 40	3 18	3 19	1 52	7 43	0 34	20 29	1 9	22 23	0 12	21 20	0 15	16 56	0 42	17 27	0 2	19 5	3 52	20 10	20 11	18 12	2 43	3 51
M19	9 50	20 58	2 27	4 2	1 49	7 21	0 38	20 23	1 11	22 22	0 12	21 20	0 15	16 56	0 42	17 27	0 2	19 5	3 52	20 11	20 12	18 14	2 42	3 51
T 20	10 12	21 20	1 29	4 45	1 46	6 58	0 41	20 17	1 12	22 22	0 12	21 20	0 15	16 56	0 42	17 27	0 2	19 5	3 52	20 12	20 12	18 15	2 40	3 51
W21	10 33	20 44	0 27	5 28	1 42	6 35	0 45	20 11	1 14	22 22	0 12	21 19	0 15	16 56	0 42	17 27	0 2	19 5	3 52	20 12	20 13	18 17	2 39	3 51
T 22	10 55	19 9	0s38	6 11	1 37	6 11	0 49	20 5	1 15	22 22	0 11	21 19	0 15	16 56	0 42	17 27	0 2	19 5	3 52	20 12	20 14	18 18	2 38	3 51
F 23	11 16	16 36	1 42	6 54	1 33	5 48	0 52	19 59	1 16	22 22	0 11	21 19	0 15	16 56	0 42	17 27	0 2	19 5	3 53	20 12	20 14	18 20	2 37	3 51
S 24	11 37	13 10	2 44	7 36	1 28	5 24	0 56	19 53	1 18	22 21	0 11	21 18	0 15	16 56	0 42	17 27	0 2	19 5	3 53	20 13	20 15	18 21	2 36	3 50
S 25	11 57	8 57	3 38	8 19	1 22	5 0	0 59	19 47	1 19	22 21	0 11	21 18	0 15	16 56	0 42	17 27	0 2	19 5	3 53	20 14	20 16	18 23	2 35	3 50
M26	12 18	4 7	4 22	9 1	1 17	4 35	1 2	19 41	1 21	22 21	0 11	21 18	0 15	16 56	0 42	17 27	0 2	19 5	3 53	20 15	20 16	18 24	2 34	3 50
T 27	12 38	1n 6	4 50	9 43	1 11	4 11	1 5	19 35	1 22	22 21	0 11	21 17	0 15	16 56	0 42	17 27	0 2	19 5	3 53	20 17	20 17	18 26	2 33	3 50
W28	12 59	6 22	5 0	10 25	1 5	3 46	1 8	19 29	1 24	22 21	0 11	21 17	0 16	16 56	0 42	17 27	0 2	19 5	3 53	20 20	20 18	18 27	2 32	3 50
T 29	13 19	11 22	4 50	11 6	0 59	3 21	1 11	19 23	1 25	22 21	0 11	21 16	0 16	16 56	0 42	17 27	0 2	19 5	3 53	20 22	20 18	18 29	2 31	3 49
F 30	13 38	15 41	4 20	11 46	0 52	2 56	1 14	19 17	1 27	22 21	0 11	21 16	0 16	16 56	0 42	17 27	0 2	19 5	3 53	20 24	20 19	18 30	2 30	3 49
S 31	13s58	18n57	3s32	12s26	0n46	2n30	1n17	19n11	1n28	22n21	0s11	21s15	0s16	16s56	0s42	17s27	0n 1	19n 5	3s53	20n26	20n20	18s32	2n29	3n49

Julian Day Number = 2512813.5, Delta T = 134.68 sec
Ecliptic obliquity = 23°24'59, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°05'04, Lahiri = 26°12'04

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2167
geocentric

NOVEMBER 2167 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 40 35	8♏23'38	28♊46	6♏35	27♍50	10♌19	15♋25	25♑41	15♒13	10♒56	11°R10	28°R28	29♋ 0	12♐25	27°R24	S 1
M 2	2 44 32	9°23'34	13♋15	8°14	29° 1	10°46	15°25	25°44	15°13	10°57	11♋ 9	28♋26	28°57	12°32	27♓22	M 2
T 3	2 48 29	10°23'32	27°21	9°53	0♎12	11°14	15°R25	25°47	15°14	10°57	11° 9	28°D25	28°54	12°38	27°21	T 3
W 4	2 52 25	11°23'31	11♌ 5	11°31	1°23	11°41	15°25	25°51	15°14	10°58	11° 8	28°R25	28°51	12°45	27°19	W 4
T 5	2 56 22	12°23'33	24°29	13° 8	2°34	12° 7	15°25	25°54	15°15	10°58	11° 8	28°25	28°48	12°52	27°17	T 5
F 6	3 0 18	13°23'37	7♍34	14°46	3°45	12°34	15°24	25°58	15°15	10°58	11° 7	28°22	28°44	12°58	27°15	F 6
S 7	3 4 15	14°23'44	20°24	16°23	4°56	13° 0	15°23	26° 1	15°16	10°59	11° 7	28°18	28°41	13° 5	27°14	S 7
S 8	3 8 11	15°23'52	3♎ 1	17°59	6° 8	13°26	15°22	26° 5	15°17	10°59	11° 6	28°10	28°38	13°12	27°12	S 8
M 9	3 12 8	16°24'02	15°27	19°35	7°19	13°51	15°21	26° 9	15°17	11° 0	11° 5	27°59	28°35	13°18	27°10	M 9
T 10	3 16 4	17°24'14	27°44	21°10	8°31	14°16	15°20	26°13	15°18	11° 1	11° 5	27°47	28°32	13°25	27° 9	T 10
W11	3 20 1	18°24'28	9♏52	22°46	9°42	14°41	15°18	26°17	15°19	11° 1	11° 4	27°33	28°29	13°32	27° 7	W11
T 12	3 23 58	19°24'44	21°54	24°20	10°54	15° 5	15°16	26°21	15°20	11° 2	11° 3	27°20	28°25	13°38	27° 6	T 12
F 13	3 27 54	20°25'02	3♐49	25°55	12° 6	15°30	15°14	26°25	15°21	11° 2	11° 3	27° 8	28°22	13°45	27° 5	F 13
S 14	3 31 51	21°25'21	15°39	27°29	13°18	15°53	15°12	26°29	15°22	11° 3	11° 2	26°59	28°19	13°52	27° 3	S 14
S 15	3 35 47	22°25'42	27°27	29° 3	14°30	16°17	15°10	26°33	15°23	11° 4	11° 1	26°52	28°16	13°59	27° 2	S 15
M16	3 39 44	23°26'05	9♑15	0♐36	15°43	16°40	15° 7	26°38	15°24	11° 5	11° 0	26°48	28°13	14° 5	27° 1	M16
T 17	3 43 40	24°26'29	21° 6	2°10	16°55	17° 3	15° 5	26°42	15°25	11° 6	11° 0	26°46	28°10	14°12	27° 0	T 17
W18	3 47 37	25°26'54	3♒ 5	3°43	18° 7	17°25	15° 2	26°47	15°26	11° 6	10°59	26°D46	28° 6	14°19	26°58	W18
T 19	3 51 33	26°27'21	15°17	5°15	19°20	17°47	14°58	26°51	15°27	11° 7	10°58	26°47	28° 3	14°25	26°57	T 19
F 20	3 55 30	27°27'49	27°46	6°48	20°32	18° 9	14°55	26°56	15°29	11° 8	10°57	26°R47	28° 0	14°32	26°56	F 20
S 21	3 59 27	28°28'18	10♓38	8°20	21°45	18°30	14°52	27° 1	15°30	11° 9	10°56	26°46	27°57	14°39	26°55	S 21
S 22	4 3 23	29°28'49	23°58	9°52	22°58	18°51	14°48	27° 5	15°31	11°10	10°56	26°43	27°54	14°45	26°54	S 22
M23	4 7 20	0♐29'20	7♈46	11°23	24°10	19°11	14°44	27°10	15°33	11°11	10°55	26°38	27°50	14°52	26°54	M23
T 24	4 11 16	1°29'53	22° 5	12°55	25°23	19°31	14°40	27°15	15°34	11°12	10°54	26°31	27°47	14°59	26°53	T 24
W25	4 15 13	2°30'28	6♉51	14°26	26°36	19°50	14°36	27°20	15°36	11°13	10°53	26°23	27°44	15° 5	26°52	W25
T 26	4 19 9	3°31'03	21°58	15°57	27°49	20° 9	14°31	27°25	15°37	11°14	10°52	26°14	27°41	15°12	26°51	T 26
F 27	4 23 6	4°31'40	7♊15	17°28	29° 2	20°28	14°27	27°31	15°39	11°15	10°51	26° 7	27°38	15°19	26°51	F 27
S 28	4 27 2	5°32'19	22°32	18°58	0♏15	20°46	14°22	27°36	15°40	11°17	10°50	26° 1	27°35	15°25	26°50	S 28
S 29	4 30 59	6°32'59	7♋38	20°28	1°29	21° 4	14°17	27°41	15°42	11°18	10°49	25°57	27°31	15°32	26°49	S 29
M30	4 34 56	7♐33'40	22♋24	21♐58	2♏42	21♌21	14♋12	27♑46	15♒44	11♒19	10♋48	25°D56	27♋28	15♐39	26♓49	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s17	20n55	2s30	13s 5	0n39	2n 5	1n20	19n 5	1n30	22n21	0s11	21s15	0s16	16s55	0s42	17s27	0n 1	19n 5	3s53	20n27	20n20	18s33	2n28	3n49
M 2	14 36	21 26	1 19	13 43	0 33	1 39	1 22	18 59	1 31	22 21	0 10	21 14	0 16	16 55	0 42	17 27	0 1	19 5	3 53	20 27	20 21	18 34	2 27	3 49
T 3	14 55	20 35	0 6	14 21	0 26	1 13	1 25	18 53	1 33	22 21	0 10	21 14	0 16	16 55	0 42	17 27	0 1	19 5	3 53	20 27	20 22	18 36	2 26	3 48
W 4	15 14	18 30	1n 7	14 58	0 19	0 47	1 27	18 47	1 35	22 21	0 10	21 13	0 16	16 55	0 42	17 26	0 1	19 5	3 53	20 27	20 22	18 37	2 25	3 48
T 5	15 32	15 27	2 13	15 34	0 13	0 21	1 30	18 41	1 36	22 22	0 10	21 12	0 16	16 55	0 42	17 26	0 1	19 5	3 53	20 28	20 23	18 39	2 24	3 48
F 6	15 51	11 41	3 12	16 10	0 6	0s 5	1 32	18 35	1 38	22 22	0 10	21 12	0 16	16 55	0 42	17 26	0 1	19 5	3 53	20 28	20 24	18 40	2 24	3 48
S 7	16 9	7 27	3 59	16 44	0s 1	0 31	1 34	18 29	1 40	22 22	0 10	21 11	0 16	16 54	0 42	17 26	0 1	19 5	3 53	20 29	20 24	18 42	2 23	3 47
S 8	16 26	2 59	4 33	17 18	0 8	0 58	1 36	18 23	1 41	22 22	0 10	21 11	0 16	16 54	0 42	17 26	0 1	19 5	3 53	20 31	20 25	18 43	2 22	3 47
M 9	16 44	1s33	4 54	17 51	0 14	1 24	1 38	18 18	1 43	22 22	0 10	21 10	0 16	16 54	0 42	17 26	0 1	19 5	3 53	20 33	20 25	18 44	2 21	3 47
T 10	17 1	5 58	5 1	18 22	0 21	1 51	1 40	18 12	1 45	22 23	0 10	21 9	0 16	16 54	0 42	17 26	0 1	19 5	3 53	20 35	20 26	18 46	2 20	3 47
W11	17 17	10 6	4 55	18 53	0 28	2 17	1 41	18 6	1 46	22 23	0 10	21 9	0 16	16 53	0 41	17 26	0 1	19 5	3 53	20 38	20 27	18 47	2 19	3 46
T 12	17 34	13 48	4 35	19 23	0 34	2 44	1 43	18 1	1 48	22 23	0 9	21 8	0 16	16 53	0 41	17 25	0 1	19 5	3 53	20 40	20 27	18 49	2 18	3 46
F 13	17 50	16 55	4 3	19 53	0 41	3 11	1 45	17 55	1 50	22 23	0 9	21 7	0 16	16 53	0 41	17 25	0 1	19 5	3 53	20 43	20 28	18 50	2 18	3 46
S 14	18 6	19 19	3 21	20 21	0 47	3 37	1 46	17 50	1 51	22 24	0 9	21 6	0 16	16 52	0 41	17 25	0 1	19 5	3 53	20 45	20 29	18 52	2 17	3 46
S 15	18 22	20 54	2 30	20 48	0 53	4 4	1 47	17 45	1 53	22 24	0 9	21 6	0 16	16 52	0 41	17 25	0 1	19 5	3 53	20 46	20 29	18 53	2 16	3 45
M16	18 37	21 34	1 32	21 14	1 0	4 30	1 48	17 39	1 55	22 25	0 9	21 5	0 17	16 52	0 41	17 25	0 1	19 5	3 53	20 47	20 30	18 54	2 16	3 45
T 17	18 52	21 16	0 30	21 39	1 6	4 57	1 50	17 34	1 57	22 25	0 9	21 4	0 17	16 51	0 41	17 24	0 1	19 5	3 53	20 47	20 31	18 56	2 15	3 45
W18	19 6	20 0	0s34	22 3	1 12	5 24	1 51	17 29	1 59	22 25	0 9	21 3	0 17	16 51	0 41	17 24	0 1	19 5	3 53	20 47	20 31	18 57	2 14	3 45
T 19	19 21	17 47	1 38	22 26	1 17	5 50	1 52	17 24	2 0	22 26	0 9	21 2	0 17	16 51	0 41	17 24	0 1	19 5	3 53	20 47	20 32	18 59	2 13	3 44
F 20	19 34	14 43	2 38	22 47	1 23	6 17	1 52	17 19	2 2	22 26	0 9	21 1	0 17	16 50	0 41	17 24	0 1	19 6	3 53	20 47	20 33	19 0	2 13	3 44
S 21	19 48	10 51	3 33	23 8	1 29	6 43	1 53	17 14	2 4	22 27	0 8	21 1	0 17	16 50	0 41	17 23	0 1	19 6	3 53	20 47	20 33	19 1	2 12	3 44
S 22	20 1	6 21	4 18	23 27	1 34	7 9	1 54	17 10	2 6	22 27	0 8	21 0	0 17	16 49	0 41	17 23	0 1	19 6	3 53	20 47	20 34	19 3	2 12	3 44
M23	20 14	1 21	4 50	23 46	1 39	7 35	1 54	17 5	2 8	22 28	0 8	20 59	0 17	16 49	0 41	17 23	0 1	19 6	3 53	20 48	20 34	19 4	2 11	3 43
T 24	20 26	3n52	5 5	24 3	1 44	8 2	1 55	17 1	2 10	22 29	0 8	20 58	0 17	16 48	0 41	17 23	0 1	19 6	3 53	20 50	20 35	19 5	2 10	3 43
W25	20 39	9 3	5 1	24 18	1 49	8 28	1 55	16 56	2 12	22 29	0 8	20 57	0 17	16 48	0 41	17 22	0 1	19 6	3 53	20 51	20 36	19 7	2 10	3 43
T 26	20 50	13 47	4 36	24 33	1 53	8 53	1 56	16 52	2 14	22 30	0 8	20 56	0 17	16 47	0 41	17 22	0 1	19 6	3 53	20 53	20 36	19 8	2 9	3 43
F 27	21 2	17 42	3 51	24 46	1 57	9 19	1 56	16 48	2 16	22 30	0 8	20 55	0 17	16 47	0 41	17 22	0 1	19 6	3 53	20 54	20 37	19 10	2 9	3 42
S 28	21 12	20 23	2 50	24 58	2 1	9 45	1 56	16 44	2 18	22 31	0 8	20 54	0 17	16 46	0 41	17 22	0 1	19 6	3 53	20 56	20 38	19 11	2 8	3 42
S 29	21 23	21 35	1 37	25 9	2 5	10 10	1 56	16 40	2 20	22 32	0 8	20 53	0 17	16 46	0 41	17 21	0 1	19 6	3 53	20 56	20 38	19 12	2 8	3 42
M30	21s33	21n15	0s19	25s18	2s 8	10s35	1n56	16n37	2n22	22n32	0s 7	20s52	0s17	16s45	0s41	17s21	0n 1	19n 6	3s53	20n56	20n39	19s14	2n 8	3n42

Julian Day Number = 2512844.5, Delta T = 134.75 sec
Ecliptic obliquity = 23°24'58, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°05'08, Lahiri = 26°12'08

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2167
geocentric

DECEMBER 2167 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 38 52	8♐34'23	6♌46	23♐28	3♏55	21♌38	14°R 6	27♉52	15♒46	11♒20	10°R47	25♋56	27♋25	15♐45	26°R49	T 1
W 2	4 42 49	9°35'08	20°42	24°57	5° 9	21°54	14♋ 1	27°57	15°48	11°22	10♋46	25°57	27°22	15°52	26♓48	W 2
T 3	4 46 45	10°35'54	4♍12	26°26	6°22	22°10	13°55	28° 3	15°49	11°23	10°45	25°58	27°19	15°59	26°48	T 3
F 4	4 50 42	11°36'41	17°18	27°54	7°36	22°25	13°50	28° 8	15°51	11°24	10°44	25°R58	27°16	16° 5	26°48	F 4
S 5	4 54 38	12°37'30	0♎ 3	29°21	8°49	22°40	13°44	28°14	15°53	11°26	10°43	25°57	27°12	16°12	26°47	S 5
S 6	4 58 35	13°38'21	12°32	0♏48	10° 3	22°54	13°38	28°20	15°55	11°27	10°42	25°53	27° 9	16°19	26°47	S 6
M 7	5 2 31	14°39'13	24°48	2°14	11°17	23° 8	13°31	28°26	15°57	11°28	10°41	25°47	27° 6	16°25	26°47	M 7
T 8	5 6 28	15°40'06	6♏54	3°40	12°31	23°21	13°25	28°31	15°59	11°30	10°40	25°40	27° 3	16°32	26°D47	T 8
W 9	5 10 25	16°41'00	18°53	5° 4	13°44	23°33	13°18	28°37	16° 2	11°31	10°39	25°33	27° 0	16°39	26°47	W 9
T 10	5 14 21	17°41'55	0♐47	6°27	14°58	23°45	13°12	28°43	16° 4	11°33	10°38	25°25	26°56	16°46	26°47	T 10
F 11	5 18 18	18°42'52	12°37	7°49	16°12	23°56	13° 5	28°49	16° 6	11°34	10°36	25°18	26°53	16°52	26°47	F 11
S 12	5 22 14	19°43'50	24°26	9° 9	17°26	24° 7	12°58	28°55	16° 8	11°36	10°35	25°13	26°50	16°59	26°48	S 12
S 13	5 26 11	20°44'48	6♑16	10°27	18°40	24°17	12°51	29° 1	16°11	11°37	10°34	25° 9	26°47	17° 6	26°48	S 13
M14	5 30 7	21°45'48	18° 7	11°43	19°54	24°26	12°44	29° 7	16°13	11°39	10°33	25° 7	26°44	17°12	26°48	M14
T 15	5 34 4	22°46'48	0♒ 4	12°56	21° 8	24°35	12°37	29°14	16°15	11°41	10°32	25°D 7	26°41	17°19	26°48	T 15
W16	5 38 1	23°47'49	12° 8	14° 7	22°22	24°43	12°30	29°20	16°18	11°42	10°31	25° 8	26°37	17°26	26°49	W16
T 17	5 41 57	24°48'50	24°23	15°14	23°37	24°50	12°22	29°26	16°20	11°44	10°30	25°10	26°34	17°32	26°49	T 17
F 18	5 45 54	25°49'52	6♓54	16°17	24°51	24°57	12°15	29°32	16°23	11°46	10°28	25°12	26°31	17°39	26°50	F 18
S 19	5 49 50	26°50'54	19°43	17°15	26° 5	25° 3	12° 7	29°39	16°25	11°47	10°27	25°13	26°28	17°46	26°51	S 19
S 20	5 53 47	27°51'57	2♈55	18° 8	27°19	25° 8	12° 0	29°45	16°28	11°49	10°26	25°R13	26°25	17°52	26°51	S 20
M21	5 57 43	28°53'00	16°33	18°55	28°34	25°13	11°52	29°52	16°30	11°51	10°25	25°12	26°22	17°59	26°52	M21
T 22	6 1 40	29°54'03	0♉38	19°35	29°48	25°16	11°44	29°58	16°33	11°53	10°24	25° 9	26°18	18° 6	26°53	T 22
W23	6 5 36	0♑55'07	15° 9	20° 8	1♐ 2	25°19	11°36	0♒ 5	16°36	11°55	10°22	25° 6	26°15	18°12	26°53	W23
T 24	6 9 33	1°56'11	0♊ 2	20°32	2°17	25°22	11°28	0°11	16°38	11°56	10°21	25° 3	26°12	18°19	26°54	T 24
F 25	6 13 30	2°57'16	15°11	20°46	3°31	25°23	11°20	0°18	16°41	11°58	10°20	25° 0	26° 9	18°26	26°55	F 25
S 26	6 17 26	3°58'21	0♋25	20°R50	4°45	25°24	11°12	0°24	16°44	12° 0	10°19	24°58	26° 6	18°32	26°56	S 26
S 27	6 21 23	4°59'26	15°35	20°43	6° 0	25°R24	11° 4	0°31	16°47	12° 2	10°18	24°56	26° 2	18°39	26°57	S 27
M28	6 25 19	6° 0'32	0♌31	20°24	7°14	25°24	10°56	0°38	16°49	12° 4	10°16	24°D56	25°59	18°46	26°58	M28
T 29	6 29 16	7° 1'38	15° 6	19°53	8°29	25°22	10°48	0°44	16°52	12° 6	10°15	24°57	25°56	18°52	27° 0	T 29
W30	6 33 12	8° 2'44	29°16	19°11	9°43	25°20	10°40	0°51	16°55	12° 8	10°14	24°58	25°53	18°59	27° 1	W30
T 31	6 37 9	9♑ 3'52	12♍57	18♑18	10♐58	25♌17	10♋32	0♒58	16♒58	12♒10	10♋13	25♋ 0	25♋50	19♐ 6	27♓ 2	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s43	19n30	0n58	25s27	2s11	11s 0	1n56	16n33	2n24	22n33	0s 7	20s51	0s17	16s45	0s41	17s21	0n 1	19n 6	3s53	20n56	20n39	19s15	2n 7	3n41
W 2	21 52	16 38	2 10	25 33	2 14	11 25	1 55	16 30	2 26	22 34	0 7	20 50	0 17	16 44	0 41	17 20	0 1	19 6	3 53	20 56	20 40	19 16	2 7	3 41
T 3	22 1	12 56	3 12	25 39	2 17	11 49	1 55	16 27	2 28	22 34	0 7	20 49	0 17	16 44	0 41	17 20	0 1	19 6	3 53	20 56	20 41	19 18	2 6	3 41
F 4	22 9	8 44	4 2	25 43	2 19	12 13	1 55	16 24	2 30	22 35	0 7	20 48	0 17	16 43	0 41	17 19	0 1	19 7	3 53	20 56	20 41	19 19	2 6	3 41
S 5	22 17	4 14	4 39	25 45	2 20	12 37	1 54	16 21	2 33	22 36	0 7	20 47	0 18	16 42	0 41	17 19	0 1	19 7	3 53	20 56	20 42	19 20	2 6	3 40
S 6	22 25	0s19	5 1	25 46	2 21	13 1	1 54	16 18	2 35	22 37	0 7	20 46	0 18	16 42	0 41	17 19	0 1	19 7	3 53	20 57	20 42	19 22	2 5	3 40
M 7	22 32	4 48	5 9	25 46	2 22	13 25	1 53	16 16	2 37	22 37	0 7	20 45	0 18	16 41	0 41	17 18	0 1	19 7	3 53	20 58	20 43	19 23	2 5	3 40
T 8	22 39	9 1	5 4	25 44	2 22	13 48	1 52	16 14	2 39	22 38	0 6	20 44	0 18	16 41	0 41	17 18	0 1	19 7	3 53	20 59	20 44	19 24	2 5	3 39
W 9	22 45	12 51	4 45	25 41	2 22	14 11	1 51	16 12	2 41	22 39	0 6	20 42	0 18	16 40	0 41	17 18	0 1	19 7	3 53	21 1	20 44	19 26	2 5	3 39
T 10	22 51	16 10	4 13	25 37	2 21	14 33	1 50	16 10	2 44	22 40	0 6	20 41	0 18	16 39	0 41	17 17	0 1	19 7	3 53	21 2	20 45	19 27	2 4	3 39
F 11	22 56	18 48	3 31	25 31	2 20	14 55	1 49	16 8	2 46	22 40	0 6	20 40	0 18	16 39	0 41	17 17	0 1	19 7	3 53	21 3	20 46	19 28	2 4	3 39
S 12	23 1	20 38	2 40	25 23	2 18	15 17	1 48	16 7	2 48	22 41	0 6	20 39	0 18	16 38	0 41	17 16	0 1	19 7	3 53	21 4	20 46	19 30	2 4	3 38
S 13	23 6	21 35	1 41	25 15	2 15	15 39	1 47	16 6	2 51	22 42	0 6	20 38	0 18	16 37	0 41	17 16	0 1	19 7	3 53	21 5	20 47	19 31	2 4	3 38
M14	23 10	21 34	0 38	25 5	2 11	16 0	1 46	16 5	2 53	22 43	0 6	20 36	0 18	16 36	0 41	17 15	0 1	19 8	3 53	21 5	20 47	19 32	2 4	3 38
T 15	23 13	20 34	0s27	24 54	2 7	16 20	1 45	16 4	2 55	22 44	0 6	20 35	0 18	16 36	0 41	17 15	0 1	19 8	3 53	21 5	20 48	19 33	2 4	3 38
W16	23 16	18 37	1 32	24 41	2 2	16 41	1 43	16 4	2 58	22 44	0 5	20 34	0 18	16 35	0 40	17 15	0 1	19 8	3 53	21 5	20 49	19 35	2 4	3 37
T 17	23 19	15 48	2 34	24 28	1 56	17 1	1 42	16 3	3 0	22 45	0 5	20 33	0 18	16 34	0 40	17 14	0 1	19 8	3 53	21 5	20 49	19 36	2 3	3 37
F 18	23 21	12 13	3 30	24 13	1 49	17 20	1 41	16 3	3 2	22 46	0 5	20 32	0 18	16 33	0 40	17 14	0 1	19 8	3 53	21 5	20 50	19 37	2 3	3 37
S 19	23 23	8 0	4 16	23 58	1 41	17 39	1 39	16 4	3 5	22 47	0 5	20 30	0 18	16 33	0 40	17 13	0 1	19 8	3 53	21 4	20 50	19 39	2 3	3 36
S 20	23 24	3 18	4 51	23 42	1 31	17 58	1 37	16 4	3 7	22 48	0 5	20 29	0 18	16 32	0 40	17 13	0 1	19 8	3 53	21 4	20 51	19 40	2 3	3 36
M21	23 25	1n43	5 11	23 25	1 21	18 16	1 36	16 5	3 10	22 49	0 5	20 28	0 18	16 31	0 40	17 12	0 1	19 8	3 53	21 5	20 52	19 41	2 3	3 36
T 22	23 25	6 47	5 13	23 8	1 10	18 33	1 34	16 6	3 12	22 49	0 5	20 26	0 18	16 30	0 40	17 12	0 1	19 9	3 53	21 5	20 52	19 42	2 4	3 36
W23	23 25	11 39	4 56	22 51	0 57	18 51	1 32	16 7	3 14	22 50	0 4	20 25	0 19	16 29	0 40	17 11	0 1	19 9	3 53	21 6	20 53	19 44	2 4	3 35
T 24	23 24	15 56	4 18	22 33	0 43	19 7	1 30	16 9	3 17	22 51	0 4	20 24	0 19	16 29	0 40	17 11	0 1	19 9	3 53	21 6	20 53	19 45	2 4	3 35
F 25	23 23	19 15	3 22	22 16	0 28	19 23	1 28	16 10	3 19	22 52	0 4	20 22	0 19	16 28	0 40	17 10	0 1	19 9	3 53	21 7	20 54	19 46	2 4	3 35
S 26	23 21	21 14	2 11	21 59	0 11	19 39	1 26	16 12	3 22	22 53	0 4	20 21	0 19	16 27	0 40	17 10	0 1	19 9	3 53	21 7	20 55	19 48	2 4	3 35
S 27	23 19	21 39	0 51	21 43	0n 6	19 54	1 24	16 15	3 24	22 53	0 4	20 20	0 19	16 26	0 40	17 9	0 1	19 9	3 53	21 7	20 55	19 49	2 4	3 34
M28	23 17	20 31	0n31	21 27	0 25	20 9	1 22	16 17	3 27	22 54	0 4	20 18	0 19	16 25	0 40	17 9	0 1	19 9	3 52	21 7	20 56	19 50	2 4	3 34
T 29	23 14	18 2	1 49	21 13	0 44	20 23	1 20	16 20	3 29	22 55	0 4	20 17	0 19	16 24	0 40	17 8	0 1	19 9	3 52	21 7	20 56	19 51	2 5	3 34
W30	23 10	14 31	2 59	21 0	1 4	20 36	1 18	16 23	3 32	22 56	0 3	20 15	0 19	16 23	0 40	17 8	0 1	19 10	3 52	21 7	20 57	19 53	2 5	3 34
T 31	23s 6	10n19	3n56	20s47	1n23	20s49	1n16	16n27	3n34	22n57	0s 3	20s14	0s19	16s22	0s40	17s 7	0n 1	19n10	3s52	21n 7	20n58	19s54	2n 5	3n33

Julian Day Number = 2512874.5, Delta T = 134.81 sec
Ecliptic obliquity = 23°24'58, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°05'12, Lahiri = 26°12'13

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2168
geocentric

JANUARY 2168 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 41 5	10♑ 4'59	26♍12	17°R15	12♐13	25°R13	10°R24	1♒ 5	17♒ 1	12♒12	10°R11	25♋ 1	25♋47	19♐12	27♓ 3	F 1
S 2	6 45 2	11° 6'07	9♎ 3	16♑ 3	13°27	25♌ 8	10♋16	1°12	17° 4	12°14	10♋10	25°R 1	25°43	19°19	27° 5	S 2
S 3	6 48 59	12° 7'16	21°33	14°46	14°42	25° 3	10° 7	1°18	17° 7	12°16	10° 9	25° 1	25°40	19°26	27° 6	S 3
M 4	6 52 55	13° 8'25	3♏47	13°25	15°57	24°56	9°59	1°25	17°10	12°18	10° 8	25° 0	25°37	19°32	27° 8	M 4
T 5	6 56 52	14° 9'34	15°49	12° 4	17°11	24°49	9°51	1°32	17°13	12°20	10° 7	24°59	25°34	19°39	27° 9	T 5
W 6	7 0 48	15°10'44	27°43	10°44	18°26	24°41	9°43	1°39	17°16	12°22	10° 5	24°57	25°31	19°46	27°11	W 6
T 7	7 4 45	16°11'54	9♐32	9°28	19°41	24°32	9°35	1°46	17°19	12°24	10° 4	24°56	25°28	19°52	27°12	T 7
F 8	7 8 41	17°13'04	21°20	8°19	20°55	24°23	9°27	1°53	17°22	12°26	10° 3	24°55	25°24	19°59	27°14	F 8
S 9	7 12 38	18°14'14	3♑10	7°18	22°10	24°12	9°19	2° 0	17°25	12°28	10° 2	24°54	25°21	20° 6	27°16	S 9
S 10	7 16 34	19°15'24	15° 4	6°26	23°25	24° 1	9°11	2° 7	17°28	12°30	10° 0	24°53	25°18	20°12	27°18	S 10
M11	7 20 31	20°16'35	27° 4	5°44	24°40	23°49	9° 3	2°14	17°32	12°33	9°59	24°D53	25°15	20°19	27°19	M11
T 12	7 24 28	21°17'44	9♒12	5°12	25°55	23°36	8°55	2°21	17°35	12°35	9°58	24°53	25°12	20°26	27°21	T 12
W13	7 28 24	22°18'54	21°29	4°50	27° 9	23°22	8°48	2°28	17°38	12°37	9°57	24°54	25° 8	20°32	27°23	W13
T 14	7 32 21	23°20'03	3♓57	4°37	28°24	23° 8	8°40	2°35	17°41	12°39	9°56	24°54	25° 5	20°39	27°25	T 14
F 15	7 36 17	24°21'12	16°39	4°D34	29°39	22°52	8°32	2°42	17°45	12°41	9°54	24°54	25° 2	20°46	27°27	F 15
S 16	7 40 14	25°22'20	29°35	4°39	0♑54	22°36	8°25	2°50	17°48	12°43	9°53	24°R54	24°59	20°52	27°29	S 16
S 17	7 44 10	26°23'27	12♈49	4°52	2° 9	22°20	8°18	2°57	17°51	12°46	9°52	24°54	24°56	20°59	27°31	S 17
M18	7 48 7	27°24'34	26°22	5°13	3°23	22° 2	8°10	3° 4	17°55	12°48	9°51	24°D54	24°53	21° 6	27°33	M18
T 19	7 52 3	28°25'40	10♉15	5°40	4°38	21°44	8° 3	3°11	17°58	12°50	9°50	24°54	24°49	21°12	27°36	T 19
W20	7 56 0	29°26'45	24°27	6°13	5°53	21°26	7°56	3°18	18° 1	12°52	9°49	24°54	24°46	21°19	27°38	W20
T 21	7 59 57	0♒27'49	8♊58	6°51	7° 8	21° 7	7°49	3°25	18° 5	12°54	9°47	24°55	24°43	21°26	27°40	T 21
F 22	8 3 53	1°28'53	23°42	7°35	8°23	20°47	7°42	3°32	18° 8	12°57	9°46	24°55	24°40	21°32	27°43	F 22
S 23	8 7 50	2°29'56	8♋36	8°22	9°38	20°26	7°35	3°39	18°11	12°59	9°45	24°56	24°37	21°39	27°45	S 23
S 24	8 11 46	3°30'58	23°30	9°14	10°53	20° 5	7°29	3°47	18°15	13° 1	9°44	24°R56	24°34	21°46	27°47	S 24
M25	8 15 43	4°32'00	8♌18	10°10	12° 8	19°44	7°22	3°54	18°18	13° 3	9°43	24°56	24°30	21°52	27°50	M25
T 26	8 19 39	5°33'01	22°52	11° 8	13°22	19°22	7°16	4° 1	18°22	13° 6	9°42	24°55	24°27	21°59	27°52	T 26
W27	8 23 36	6°34'01	7♍ 6	12°10	14°37	19° 0	7°10	4° 8	18°25	13° 8	9°41	24°54	24°24	22° 6	27°55	W27
T 28	8 27 32	7°35'00	20°55	13°14	15°52	18°37	7° 4	4°15	18°28	13°10	9°40	24°52	24°21	22°12	27°57	T 28
F 29	8 31 29	8°35'59	4♎19	14°21	17° 7	18°14	6°58	4°22	18°32	13°13	9°39	24°50	24°18	22°19	28° 0	F 29
S 30	8 35 26	9°36'57	17°17	15°29	18°22	17°51	6°52	4°29	18°35	13°15	9°38	24°49	24°14	22°26	28° 3	S 30
S 31	8 39 22	10♒37'55	29♎53	16♑40	19♑37	17♌28	6♋46	4♒37	18♒39	13♒17	9♋37	24♋48	24♋11	22♐32	28♓ 5	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s 2	5n45	4n38	20s36	1n43	21s 1	1n14	16n30	3n37	22n57	0s 3	20s13	0s19	16s22	0s40	17s 7	0n 1	19n10	3s52	21n 7	20n58	19s55	2n 5	3n33
S 2	22 57	1 5	5 5	20 27	2 1	21 13	1 11	16 34	3 39	22 58	0 3	20 11	0 19	16 21	0 40	17 6	0 1	19 10	3 52	21 6	20 59	19 56	2 6	3 33
S 3	22 52	3s30	5 16	20 18	2 18	21 24	1 9	16 38	3 42	22 59	0 3	20 10	0 19	16 20	0 40	17 5	0 1	19 10	3 52	21 6	20 59	19 57	2 6	3 33
M 4	22 46	7 51	5 13	20 11	2 34	21 34	1 7	16 43	3 44	23 0	0 3	20 8	0 19	16 19	0 40	17 5	0 1	19 10	3 52	21 7	21 0	19 59	2 6	3 32
T 5	22 40	11 49	4 56	20 6	2 47	21 44	1 4	16 47	3 46	23 0	0 3	20 7	0 19	16 18	0 40	17 4	0 1	19 11	3 52	21 7	21 0	20 0	2 7	3 32
W 6	22 33	15 18	4 27	20 2	2 58	21 53	1 2	16 52	3 49	23 1	0 2	20 5	0 19	16 17	0 40	17 4	0 1	19 11	3 52	21 7	21 1	20 1	2 7	3 32
T 7	22 26	18 8	3 46	19 59	3 6	22 2	0 59	16 58	3 51	23 2	0 2	20 4	0 19	16 16	0 40	17 3	0 1	19 11	3 52	21 7	21 2	20 2	2 8	3 32
F 8	22 19	20 13	2 56	19 57	3 12	22 9	0 57	17 3	3 54	23 3	0 2	20 2	0 20	16 15	0 40	17 3	0 1	19 11	3 52	21 8	21 2	20 4	2 8	3 31
S 9	22 11	21 25	1 58	19 57	3 16	22 17	0 54	17 9	3 56	23 3	0 2	20 1	0 20	16 14	0 40	17 2	0 1	19 11	3 52	21 8	21 3	20 5	2 8	3 31
S 10	22 2	21 40	0 54	19 59	3 17	22 23	0 52	17 15	3 58	23 4	0 2	19 59	0 20	16 13	0 40	17 1	0 1	19 11	3 52	21 8	21 3	20 6	2 9	3 31
M11	21 53	20 55	0s12	20 2	3 16	22 29	0 49	17 21	4 0	23 5	0 2	19 58	0 20	16 12	0 40	17 1	0 1	19 11	3 52	21 8	21 4	20 7	2 9	3 31
T 12	21 44	19 12	1 19	20 6	3 13	22 34	0 47	17 27	4 3	23 5	0 2	19 56	0 20	16 11	0 40	17 0	0 1	19 12	3 52	21 8	21 5	20 8	2 10	3 30
W13	21 34	16 35	2 23	20 11	3 9	22 39	0 44	17 34	4 5	23 6	0 1	19 55	0 20	16 10	0 40	17 0	0 1	19 12	3 51	21 8	21 5	20 10	2 10	3 30
T 14	21 24	13 10	3 21	20 17	3 3	22 43	0 42	17 41	4 7	23 7	0 1	19 53	0 20	16 9	0 40	16 59	0 1	19 12	3 51	21 8	21 6	20 11	2 11	3 30
F 15	21 14	9 6	4 10	20 24	2 57	22 46	0 39	17 48	4 9	23 7	0 1	19 52	0 20	16 8	0 40	16 58	0 1	19 12	3 51	21 8	21 6	20 12	2 12	3 30
S 16	21 3	4 34	4 48	20 31	2 49	22 48	0 36	17 55	4 11	23 8	0 1	19 50	0 20	16 7	0 40	16 58	0 1	19 12	3 51	21 8	21 7	20 13	2 12	3 29
S 17	20 51	0n17	5 11	20 39	2 41	22 50	0 34	18 2	4 13	23 9	0 1	19 48	0 20	16 6	0 40	16 57	0 1	19 12	3 51	21 8	21 7	20 14	2 13	3 29
M18	20 40	5 13	5 18	20 47	2 32	22 51	0 31	18 10	4 15	23 9	0 1	19 47	0 20	16 5	0 40	16 57	0 1	19 13	3 51	21 8	21 8	20 15	2 14	3 29
T 19	20 27	10 1	5 7	20 55	2 23	22 52	0 28	18 17	4 17	23 10	0 1	19 45	0 20	16 4	0 40	16 56	0 1	19 13	3 51	21 8	21 9	20 17	2 14	3 29
W20	20 15	14 23	4 37	21 3	2 13	22 52	0 26	18 25	4 18	23 10	0 0	19 44	0 20	16 3	0 40	16 55	0 1	19 13	3 51	21 8	21 9	20 18	2 15	3 28
T 21	20 2	18 0	3 49	21 11	2 3	22 51	0 23	18 33	4 20	23 11	0 0	19 42	0 20	16 2	0 40	16 55	0 1	19 13	3 51	21 8	21 10	20 19	2 16	3 28
F 22	19 49	20 31	2 45	21 19	1 53	22 49	0 20	18 41	4 21	23 11	0 0	19 41	0 20	16 1	0 40	16 54	0 1	19 13	3 51	21 7	21 10	20 20	2 16	3 28
S 23	19 35	21 39	1 30	21 26	1 43	22 47	0 18	18 49	4 23	23 12	0 0	19 39	0 21	16 0	0 40	16 54	0 1	19 13	3 51	21 7	21 11	20 21	2 17	3 28
S 24	19 21	21 15	0 8	21 33	1 33	22 44	0 15	18 57	4 24	23 12	0n 0	19 37	0 21	15 59	0 40	16 53	0 1	19 14	3 51	21 7	21 11	20 22	2 18	3 28
M25	19 7	19 21	1n14	21 39	1 23	22 40	0 12	19 5	4 26	23 13	0 0	19 36	0 21	15 58	0 40	16 52	0 1	19 14	3 50	21 7	21 12	20 24	2 19	3 27
T 26	18 52	16 14	2 29	21 44	1 13	22 35	0 9	19 13	4 27	23 13	0 0	19 34	0 21	15 57	0 40	16 52	0 1	19 14	3 50	21 8	21 13	20 25	2 19	3 27
W27	18 37	12 12	3 33	21 49	1 3	22 30	0 7	19 21	4 28	23 14	0 0	19 33	0 21	15 56	0 40	16 51	0 1	19 14	3 50	21 8	21 13	20 26	2 20	3 27
T 28	18 21	7 38	4 23	21 52	0 54	22 24	0 4	19 29	4 29	23 14	0 1	19 31	0 21	15 55	0 40	16 50	0 0	19 14	3 50	21 8	21 14	20 27	2 21	3 27
F 29	18 6	2 50	4 57	21 55	0 44	22 18	0 1	19 38	4 30	23 15	0 1	19 29	0 21	15 53	0 40	16 50	0 0	19 15	3 50	21 8	21 14	20 28	2 22	3 27
S 30	17 50	1s56	5 14	21 57	0 34	22 11	0s 1	19 46	4 31	23 15	0 1	19 28	0 21	15 52	0 40	16 49	0 0	19 15	3 50	21 9	21 15	20 29	2 23	3 26
S 31	17s33	6s30	5n15	21s58	0n25	22s 3	0s 4	19n54	4n32	23n16	0n 1	19s26	0s21	15s51	0s40	16s48	0n 0	19n15	3s50	21n 9	21n15	20s30	2n24	3n26

Julian Day Number = 2512905.5, Delta T = 134.88 sec
Ecliptic obliquity = 23°24'58, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°05'16, Lahiri = 26°12'17

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2168
geocentric

FEBRUARY 2168 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 43 19	11♒38'52	12♏10	17♑53	20♑52	17°R 4	6°R41	4♒44	18♒42	13♒19	9°R36	24°D47	24♋ 8	22♐39	28♓ 8	M 1
T 2	8 47 15	12°39'49	24°12	19° 7	22° 7	16♌40	6♋35	4°51	18°46	13°22	9♋35	24♋48	24° 5	22°46	28°11	T 2
W 3	8 51 12	13°40'44	6♐ 5	20°23	23°22	16°16	6°30	4°58	18°49	13°24	9°34	24°49	24° 2	22°52	28°14	W 3
T 4	8 55 8	14°41'39	17°54	21°41	24°37	15°52	6°25	5° 5	18°53	13°26	9°33	24°50	23°59	22°59	28°17	T 4
F 5	8 59 5	15°42'34	29°42	23° 0	25°52	15°28	6°20	5°12	18°56	13°29	9°32	24°52	23°55	23° 6	28°20	F 5
S 6	9 3 1	16°43'27	11♑35	24°20	27° 7	15° 4	6°16	5°19	19° 0	13°31	9°31	24°54	23°52	23°12	28°22	S 6
S 7	9 6 58	17°44'20	23°34	25°41	28°22	14°40	6°11	5°26	19° 3	13°33	9°30	24°R54	23°49	23°19	28°25	S 7
M 8	9 10 55	18°45'11	5♒44	27° 3	29°37	14°16	6° 7	5°33	19° 7	13°35	9°29	24°54	23°46	23°26	28°28	M 8
T 9	9 14 51	19°46'01	18° 6	28°27	0♒52	13°52	6° 3	5°40	19°10	13°38	9°28	24°52	23°43	23°32	28°31	T 9
W10	9 18 48	20°46'50	0♓41	29°52	2° 6	13°29	5°59	5°47	19°14	13°40	9°27	24°49	23°40	23°39	28°34	W10
T 11	9 22 44	21°47'38	13°30	1♒17	3°21	13° 6	5°55	5°54	19°17	13°42	9°26	24°45	23°36	23°46	28°38	T 11
F 12	9 26 41	22°48'24	26°32	2°44	4°36	12°43	5°52	6° 1	19°21	13°44	9°25	24°40	23°33	23°52	28°41	F 12
S 13	9 30 37	23°49'09	9♈48	4°11	5°51	12°20	5°48	6° 8	19°24	13°47	9°24	24°35	23°30	23°59	28°44	S 13
S 14	9 34 34	24°49'53	23°16	5°40	7° 6	11°58	5°45	6°15	19°28	13°49	9°24	24°31	23°27	24° 6	28°47	S 14
M15	9 38 30	25°50'35	6♉57	7° 9	8°21	11°37	5°42	6°22	19°31	13°51	9°23	24°28	23°24	24°12	28°50	M15
T 16	9 42 27	26°51'15	20°48	8°40	9°36	11°15	5°39	6°29	19°34	13°53	9°22	24°D27	23°20	24°19	28°53	T 16
W17	9 46 24	27°51'54	4♊51	10°11	10°51	10°55	5°37	6°36	19°38	13°56	9°21	24°27	23°17	24°26	28°57	W17
T 18	9 50 20	28°52'30	19° 3	11°43	12° 6	10°35	5°34	6°42	19°41	13°58	9°21	24°28	23°14	24°32	29° 0	T 18
F 19	9 54 17	29°53'06	3♋23	13°16	13°21	10°15	5°32	6°49	19°45	14° 0	9°20	24°30	23°11	24°39	29° 3	F 19
S 20	9 58 13	0♓53'39	17°49	14°50	14°36	9°56	5°30	6°56	19°48	14° 2	9°19	24°R31	23° 8	24°46	29° 6	S 20
S 21	10 2 10	1°54'11	2♌16	16°25	15°51	9°38	5°28	7° 3	19°52	14° 4	9°18	24°31	23° 5	24°52	29°10	S 21
M22	10 6 6	2°54'41	16°40	18° 0	17° 5	9°20	5°27	7° 9	19°55	14° 7	9°18	24°29	23° 1	24°59	29°13	M22
T 23	10 10 3	3°55'09	0♍56	19°37	18°20	9° 3	5°25	7°16	19°59	14° 9	9°17	24°25	22°58	25° 6	29°16	T 23
W24	10 13 59	4°55'36	14°58	21°14	19°35	8°47	5°24	7°23	20° 2	14°11	9°16	24°19	22°55	25°12	29°20	W24
T 25	10 17 56	5°56'01	28°42	22°53	20°50	8°31	5°23	7°29	20° 5	14°13	9°16	24°13	22°52	25°19	29°23	T 25
F 26	10 21 53	6°56'24	12♎ 4	24°32	22° 5	8°16	5°22	7°36	20° 9	14°15	9°15	24° 5	22°49	25°26	29°27	F 26
S 27	10 25 49	7°56'47	25° 5	26°13	23°20	8° 2	5°22	7°42	20°12	14°17	9°15	23°58	22°45	25°32	29°30	S 27
S 28	10 29 46	8°57'07	7♏44	27°54	24°35	7°48	5°21	7°49	20°15	14°20	9°14	23°52	22°42	25°39	29°34	S 28
M29	10 33 42	9♓57'27	20♏ 4	29♒36	25♒49	7♌36	5♋21	7♒55	20♒19	14♒22	9♋14	23♋48	22♋39	25♐46	29♓37	M29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17s17	10s40	5n 2	21s57	0n16	21s54	0s 6	20n 2	4n32	23n16	0n 1	19s24	0s21	15s50	0s40	16s48	0n 0	19n15	3s50	21n 9	21n16	20s31	2n25	3n26
T 2	16 59	14 20	4 36	21 56	0 7	21 45	0 9	20 9	4 33	23 16	0 1	19 23	0 21	15 49	0 40	16 47	0 0	19 15	3 50	21 9	21 16	20 33	2 25	3 26
W 3	16 42	17 23	3 58	21 54	0s 1	21 35	0 12	20 17	4 33	23 17	0 1	19 21	0 21	15 48	0 40	16 47	0 0	19 15	3 50	21 9	21 17	20 34	2 26	3 26
T 4	16 25	19 42	3 11	21 50	0 10	21 25	0 14	20 25	4 33	23 17	0 2	19 19	0 21	15 47	0 40	16 46	0 0	19 16	3 49	21 8	21 18	20 35	2 27	3 25
F 5	16 7	21 10	2 15	21 45	0 18	21 14	0 17	20 32	4 33	23 18	0 2	19 18	0 21	15 46	0 40	16 45	0 0	19 16	3 49	21 8	21 18	20 36	2 28	3 25
S 6	15 49	21 42	1 13	21 40	0 26	21 2	0 19	20 39	4 34	23 18	0 2	19 16	0 22	15 45	0 40	16 45	0 0	19 16	3 49	21 8	21 19	20 37	2 29	3 25
S 7	15 30	21 14	0 7	21 32	0 34	20 50	0 22	20 46	4 33	23 18	0 2	19 15	0 22	15 44	0 40	16 44	0 0	19 16	3 49	21 8	21 19	20 38	2 30	3 25
M 8	15 11	19 47	0s59	21 24	0 41	20 37	0 24	20 53	4 33	23 19	0 2	19 13	0 22	15 43	0 40	16 43	0 0	19 16	3 49	21 8	21 20	20 39	2 31	3 25
T 9	14 52	17 22	2 4	21 15	0 49	20 23	0 27	21 0	4 33	23 19	0 2	19 11	0 22	15 42	0 40	16 43	0 0	19 16	3 49	21 8	21 20	20 40	2 32	3 24
W10	14 33	14 5	3 4	21 4	0 56	20 9	0 29	21 7	4 33	23 19	0 2	19 10	0 22	15 40	0 40	16 42	0 0	19 17	3 49	21 9	21 21	20 41	2 33	3 24
T 11	14 14	10 7	3 56	20 52	1 2	19 54	0 31	21 13	4 32	23 19	0 2	19 8	0 22	15 39	0 40	16 41	0 0	19 17	3 49	21 9	21 21	20 42	2 34	3 24
F 12	13 54	5 36	4 36	20 39	1 9	19 38	0 34	21 19	4 32	23 20	0 3	19 6	0 22	15 38	0 40	16 41	0 0	19 17	3 49	21 10	21 22	20 43	2 36	3 24
S 13	13 34	0 46	5 3	20 24	1 15	19 22	0 36	21 25	4 31	23 20	0 3	19 5	0 22	15 37	0 40	16 40	0 0	19 17	3 48	21 11	21 22	20 45	2 37	3 24
S 14	13 14	4n11	5 13	20 8	1 21	19 6	0 38	21 30	4 30	23 20	0 3	19 3	0 22	15 36	0 40	16 40	0 0	19 17	3 48	21 12	21 23	20 46	2 38	3 24
M15	12 54	9 0	5 6	19 51	1 26	18 49	0 41	21 35	4 29	23 21	0 3	19 1	0 22	15 35	0 40	16 39	0 0	19 18	3 48	21 12	21 24	20 47	2 39	3 23
T 16	12 33	13 25	4 41	19 33	1 31	18 31	0 43	21 41	4 28	23 21	0 3	19 0	0 22	15 34	0 40	16 38	0 0	19 18	3 48	21 13	21 24	20 48	2 40	3 23
W17	12 12	17 10	3 59	19 13	1 36	18 13	0 45	21 45	4 27	23 21	0 3	18 58	0 22	15 33	0 40	16 38	0 0	19 18	3 48	21 13	21 25	20 49	2 41	3 23
T 18	11 51	19 57	3 2	18 52	1 41	17 54	0 47	21 50	4 26	23 21	0 3	18 57	0 23	15 32	0 40	16 37	0 0	19 18	3 48	21 12	21 25	20 50	2 42	3 23
F 19	11 30	21 30	1 53	18 30	1 45	17 35	0 49	21 54	4 25	23 21	0 3	18 55	0 23	15 31	0 40	16 36	0 0	19 18	3 48	21 12	21 26	20 51	2 43	3 23
S 20	11 9	21 38	0 37	18 7	1 49	17 15	0 51	21 58	4 23	23 22	0 4	18 53	0 23	15 30	0 40	16 36	0 0	19 18	3 48	21 12	21 26	20 52	2 45	3 23
S 21	10 47	20 19	0n42	17 42	1 53	16 55	0 53	22 2	4 22	23 22	0 4	18 52	0 23	15 29	0 40	16 35	0 0	19 19	3 47	21 12	21 27	20 53	2 46	3 22
M22	10 26	17 42	1 58	17 16	1 56	16 34	0 55	22 5	4 20	23 22	0 4	18 50	0 23	15 28	0 40	16 35	0 0	19 19	3 47	21 12	21 27	20 54	2 47	3 22
T 23	10 4	14 1	3 5	16 48	1 59	16 13	0 57	22 8	4 19	23 22	0 4	18 48	0 23	15 26	0 40	16 34	0 0	19 19	3 47	21 13	21 28	20 55	2 48	3 22
W24	9 42	9 36	4 0	16 19	2 1	15 52	0 59	22 11	4 17	23 22	0 4	18 47	0 23	15 25	0 40	16 33	0 0	19 19	3 47	21 14	21 28	20 56	2 49	3 22
T 25	9 20	4 47	4 39	15 49	2 4	15 30	1 1	22 13	4 16	23 23	0 4	18 45	0 23	15 24	0 40	16 33	0 0	19 19	3 47	21 15	21 29	20 57	2 51	3 22
F 26	8 57	0s 7	5 3	15 18	2 5	15 7	1 2	22 16	4 14	23 23	0 4	18 44	0 23	15 23	0 40	16 32	0 0	19 19	3 47	21 16	21 29	20 58	2 52	3 22
S 27	8 35	4 54	5 9	14 45	2 7	14 44	1 4	22 18	4 12	23 23	0 4	18 42	0 23	15 22	0 40	16 31	0 0	19 20	3 47	21 18	21 30	20 59	2 53	3 22
S 28	8 12	9 20	5 0	14 12	2 8	14 21	1 6	22 20	4 10	23 23	0 4	18 40	0 23	15 21	0 40	16 31	0 0	19 20	3 46	21 19	21 30	21 0	2 54	3 21
M29	7s50	13s17	4n38	13s36	2s 8	13s57	1s 7	22n21	4n 8	23n23	0n 5	18s39	0s23	15s20	0s40	16s30	0n 0	19n20	3s46	21n19	21n31	21s 1	2n56	3n21

Julian Day Number = 2512936.5, Delta T = 134.94 sec
Ecliptic obliquity = 23°24'59, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°05'21, Lahiri = 26°12'21

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2168
geocentric

MARCH 2168 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 37 39	10♓57'45	2♐ 8	1♓19	27♒ 4	7°R24	5°D21	8♒ 2	20♒22	14♒24	9°R13	23°R46	22♋36	25♐52	29♓41	T 1
W 2	10 41 35	11°58'01	14° 3	3° 4	28°19	7♌12	5♋21	8° 8	20°25	14°26	9♋13	23°D45	22°33	25°59	29°44	W 2
T 3	10 45 32	12°58'16	25°52	4°49	29°34	7° 2	5°22	8°14	20°29	14°28	9°12	23♋46	22°30	26° 6	29°48	T 3
F 4	10 49 28	13°58'30	7♑41	6°36	0♓49	6°52	5°22	8°21	20°32	14°30	9°12	23°47	22°26	26°12	29°51	F 4
S 5	10 53 25	14°58'42	19°35	8°23	2° 4	6°44	5°23	8°27	20°35	14°32	9°11	23°R48	22°23	26°19	29°55	S 5
S 6	10 57 22	15°58'52	1♒39	10°11	3°19	6°36	5°24	8°33	20°39	14°34	9°11	23°48	22°20	26°26	29°58	S 6
M 7	11 1 18	16°59'01	13°57	12° 1	4°33	6°28	5°25	8°39	20°42	14°36	9°11	23°46	22°17	26°32	0♈ 2	M 7
T 8	11 5 15	17°59'08	26°31	13°52	5°48	6°22	5°27	8°45	20°45	14°38	9°10	23°41	22°14	26°39	0° 6	T 8
W 9	11 9 11	18°59'13	9♓24	15°43	7° 3	6°16	5°28	8°51	20°48	14°40	9°10	23°34	22°11	26°46	0° 9	W 9
T 10	11 13 8	19°59'16	22°35	17°36	8°18	6°11	5°30	8°57	20°51	14°42	9°10	23°25	22° 7	26°52	0°13	T 10
F 11	11 17 4	20°59'18	6♈ 2	19°30	9°32	6° 7	5°32	9° 3	20°54	14°44	9° 9	23°15	22° 4	26°59	0°16	F 11
S 12	11 21 1	21°59'18	19°44	21°24	10°47	6° 4	5°34	9° 9	20°58	14°46	9° 9	23° 5	22° 1	27° 6	0°20	S 12
S 13	11 24 57	22°59'15	3♉37	23°20	12° 2	6° 1	5°36	9°15	21° 1	14°48	9° 9	22°56	21°58	27°12	0°24	S 13
M14	11 28 54	23°59'11	17°38	25°16	13°17	6° 0	5°39	9°21	21° 4	14°50	9° 9	22°49	21°55	27°19	0°27	M14
T 15	11 32 50	24°59'04	1♊42	27°14	14°31	5°59	5°42	9°27	21° 7	14°51	9° 8	22°44	21°51	27°26	0°31	T 15
W16	11 36 47	25°58'55	15°49	29°12	15°46	5°D58	5°44	9°32	21°10	14°53	9° 8	22°42	21°48	27°32	0°35	W16
T 17	11 40 44	26°58'44	29°56	1♈10	17° 1	5°59	5°48	9°38	21°13	14°55	9° 8	22°D41	21°45	27°39	0°38	T 17
F 18	11 44 40	27°58'31	14♋ 2	3° 9	18°16	6° 0	5°51	9°43	21°16	14°57	9° 8	22°42	21°42	27°46	0°42	F 18
S 19	11 48 37	28°58'15	28° 6	5° 9	19°30	6° 2	5°54	9°49	21°19	14°59	9° 8	22°R42	21°39	27°52	0°46	S 19
S 20	11 52 33	29°57'57	12♌ 7	7° 8	20°45	6° 5	5°58	9°54	21°22	15° 0	9° 8	22°40	21°36	27°59	0°49	S 20
M21	11 56 30	0♈57'37	26° 3	9° 7	22° 0	6° 8	6° 2	10° 0	21°25	15° 2	9° 8	22°36	21°32	28° 6	0°53	M21
T 22	12 0 26	1°57'15	9♍53	11° 6	23°14	6°12	6° 6	10° 5	21°27	15° 4	9° 8	22°30	21°29	28°12	0°57	T 22
W23	12 4 23	2°56'50	23°32	13° 4	24°29	6°17	6°10	10°10	21°30	15° 6	9°D 8	22°20	21°26	28°19	1° 0	W23
T 24	12 8 19	3°56'24	6♎57	15° 1	25°43	6°22	6°14	10°15	21°33	15° 7	9° 8	22° 9	21°23	28°26	1° 4	T 24
F 25	12 12 16	4°55'55	20° 7	16°57	26°58	6°28	6°19	10°20	21°36	15° 9	9° 8	21°56	21°20	28°32	1° 8	F 25
S 26	12 16 13	5°55'25	3♏ 0	18°51	28°13	6°35	6°23	10°26	21°39	15°10	9° 8	21°44	21°17	28°39	1°11	S 26
S 27	12 20 9	6°54'52	15°34	20°42	29°27	6°42	6°28	10°31	21°41	15°12	9° 8	21°33	21°13	28°45	1°15	S 27
M28	12 24 6	7°54'18	27°52	22°31	0♈42	6°50	6°33	10°35	21°44	15°14	9° 8	21°25	21°10	28°52	1°19	M28
T 29	12 28 2	8°53'42	9♐57	24°17	1°56	6°58	6°39	10°40	21°47	15°15	9° 8	21°19	21° 7	28°59	1°22	T 29
W30	12 31 59	9°53'04	21°51	25°59	3°11	7° 7	6°44	10°45	21°49	15°17	9° 8	21°16	21° 4	29° 5	1°26	W30
T 31	12 35 55	10♈52'25	3♑40	27♈37	4♈25	7♌17	6♋49	10♒50	21♒52	15♒18	9♋ 9	21♋14	21♋ 1	29♐12	1♈29	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s27	16s36	4n 3	13s 0	2s 9	13s33	1s 9	22n22	4n 6	23n23	0n 5	18s37	0s24	15s19	0s40	16s30	0n 0	19n20	3s46	21n20	21n31	21s 2	2n57	3n21
W 2	7 4	19 11	3 18	12 22	2 8	13 9	1 10	22 23	4 4	23 23	0 5	18 36	0 24	15 18	0 40	16 29	0 0	19 20	3 46	21 20	21 32	21 3	2 58	3 21
T 3	6 41	20 56	2 25	11 43	2 8	12 44	1 12	22 24	4 2	23 23	0 5	18 34	0 24	15 17	0 40	16 28	0 0	19 20	3 46	21 20	21 33	21 4	3 0	3 21
F 4	6 18	21 46	1 26	11 3	2 7	12 19	1 13	22 25	4 0	23 23	0 5	18 33	0 24	15 16	0 40	16 28	0 0	19 21	3 46	21 19	21 33	21 5	3 1	3 21
S 5	5 55	21 37	0 23	10 21	2 5	11 53	1 14	22 25	3 58	23 24	0 5	18 31	0 24	15 15	0 40	16 27	0 0	19 21	3 46	21 19	21 34	21 6	3 2	3 21
S 6	5 31	20 28	0s42	9 38	2 3	11 27	1 15	22 25	3 56	23 24	0 5	18 30	0 24	15 14	0 40	16 27	0 0	19 21	3 46	21 19	21 34	21 7	3 4	3 21
M 7	5 8	18 19	1 46	8 54	2 0	11 1	1 17	22 25	3 54	23 24	0 5	18 28	0 24	15 13	0 40	16 26	0 0	19 21	3 45	21 20	21 35	21 8	3 5	3 21
T 8	4 45	15 16	2 46	8 9	1 57	10 35	1 18	22 24	3 52	23 24	0 5	18 27	0 24	15 12	0 40	16 26	0 0	19 21	3 45	21 21	21 35	21 9	3 6	3 20
W 9	4 21	11 26	3 39	7 22	1 54	10 8	1 19	22 24	3 50	23 24	0 6	18 25	0 24	15 11	0 40	16 25	0 0	19 21	3 45	21 22	21 36	21 10	3 8	3 20
T 10	3 58	6 57	4 22	6 35	1 49	9 41	1 20	22 23	3 47	23 24	0 6	18 24	0 24	15 10	0 40	16 24	0 0	19 22	3 45	21 23	21 36	21 11	3 9	3 20
F 11	3 34	2 4	4 51	5 46	1 45	9 14	1 21	22 22	3 45	23 24	0 6	18 22	0 25	15 9	0 40	16 24	0 0	19 22	3 45	21 25	21 37	21 12	3 10	3 20
S 12	3 11	3n 1	5 4	4 56	1 40	8 46	1 22	22 20	3 43	23 24	0 6	18 21	0 25	15 8	0 40	16 23	0 0	19 22	3 45	21 27	21 37	21 13	3 12	3 20
S 13	2 47	8 1	4 59	4 5	1 34	8 19	1 22	22 19	3 41	23 24	0 6	18 19	0 25	15 7	0 40	16 23	0 0	19 22	3 45	21 28	21 38	21 14	3 13	3 20
M14	2 23	12 39	4 37	3 13	1 28	7 51	1 23	22 17	3 39	23 24	0 6	18 18	0 25	15 6	0 40	16 22	0 0	19 22	3 44	21 29	21 38	21 15	3 14	3 20
T 15	1 59	16 36	3 57	2 20	1 21	7 23	1 24	22 15	3 36	23 24	0 6	18 16	0 25	15 5	0 40	16 22	0s 0	19 22	3 44	21 30	21 39	21 16	3 16	3 20
W16	1 36	19 37	3 3	1 26	1 13	6 54	1 24	22 13	3 34	23 24	0 6	18 15	0 25	15 4	0 40	16 21	0 0	19 23	3 44	21 31	21 39	21 16	3 17	3 20
T 17	1 12	21 27	1 58	0 32	1 5	6 26	1 25	22 11	3 32	23 24	0 6	18 14	0 25	15 3	0 40	16 21	0 0	19 23	3 44	21 31	21 40	21 17	3 18	3 20
F 18	0 48	21 55	0 46	0n23	0 57	5 57	1 25	22 8	3 30	23 24	0 6	18 12	0 25	15 2	0 40	16 20	0 0	19 23	3 44	21 31	21 40	21 18	3 20	3 20
S 19	0 25	21 0	0n29	1 19	0 48	5 28	1 26	22 6	3 28	23 24	0 7	18 11	0 25	15 1	0 40	16 20	0 0	19 23	3 44	21 31	21 41	21 19	3 21	3 20
S 20	0 1	18 46	1 41	2 15	0 38	4 59	1 26	22 3	3 25	23 24	0 7	18 10	0 25	15 0	0 40	16 19	0 0	19 23	3 44	21 31	21 41	21 20	3 23	3 19
M21	0n23	15 27	2 48	3 11	0 28	4 30	1 27	22 0	3 23	23 24	0 7	18 8	0 26	15 0	0 41	16 19	0 0	19 23	3 43	21 31	21 42	21 21	3 24	3 19
T 22	0 47	11 18	3 43	4 7	0 18	4 1	1 27	21 57	3 21	23 23	0 7	18 7	0 26	14 59	0 41	16 18	0 0	19 23	3 43	21 33	21 42	21 22	3 25	3 19
W23	1 10	6 37	4 25	5 3	0 7	3 31	1 27	21 54	3 19	23 23	0 7	18 6	0 26	14 58	0 41	16 18	0 0	19 24	3 43	21 34	21 43	21 23	3 27	3 19
T 24	1 34	1 42	4 51	5 59	0n 4	3 2	1 27	21 50	3 17	23 23	0 7	18 4	0 26	14 57	0 41	16 17	0 0	19 24	3 43	21 36	21 43	21 24	3 28	3 19
F 25	1 57	3s12	5 1	6 54	0 16	2 32	1 27	21 46	3 14	23 23	0 7	18 3	0 26	14 56	0 41	16 17	0 0	19 24	3 43	21 38	21 44	21 25	3 30	3 19
S 26	2 21	7 52	4 56	7 48	0 28	2 3	1 27	21 43	3 12	23 23	0 7	18 2	0 26	14 55	0 41	16 16	0 0	19 24	3 43	21 40	21 44	21 26	3 31	3 19
S 27	2 45	12 5	4 36	8 42	0 40	1 33	1 27	21 39	3 10	23 23	0 7	18 0	0 26	14 54	0 41	16 16	0 0	19 24	3 43	21 42	21 45	21 26	3 32	3 19
M28	3 8	15 43	4 3	9 34	0 52	1 3	1 27	21 35	3 8	23 23	0 7	17 59	0 26	14 53	0 41	16 15	0 0	19 24	3 42	21 43	21 45	21 27	3 34	3 19
T 29	3 31	18 37	3 20	10 24	1 4	0 33	1 27	21 31	3 6	23 23	0 8	17 58	0 26	14 53	0 41	16 15	0 0	19 24	3 42	21 44	21 46	21 28	3 35	3 19
W30	3 55	20 41	2 29	11 13	1 16	0 3	1 26	21 26	3 4	23 22	0 8	17 57	0 27	14 52	0 41	16 15	0 0	19 24	3 42	21 44	21 46	21 29	3 37	3 19
T 31	4n18	21s50	1n32	11n59	1n28	0n27	1s26	21n22	3n 2	23n22	0n 8	17s56	0s27	14s51	0s41	16s14	0s 0	19n25	3s42	21n44	21n47	21s30	3n38	3n19

Julian Day Number = 2512965.5, Delta T = 135.01 sec
Ecliptic obliquity = 23°25'00, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°05'25, Lahiri = 26°12'25

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2168
geocentric

APRIL 2168 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 39 52	11♈51'44	15♉29	29♈11	5♈40	7♌27	6♋55	10♒54	21♒54	15♒20	9♋ 9	21°R14	20♋57	29♐19	1♈33	F 1
S 2	12 43 48	12°51'00	27°24	0♉41	6°54	7°38	7° 1	10°59	21°57	15°21	9° 9	21♋14	20°54	29°25	1°37	S 2
S 3	12 47 45	13°50'16	9♒29	2° 5	8° 9	7°49	7° 7	11° 3	21°59	15°22	9° 9	21°13	20°51	29°32	1°40	S 3
M 4	12 51 42	14°49'29	21°51	3°24	9°23	8° 1	7°13	11° 8	22° 2	15°24	9° 9	21°10	20°48	29°39	1°44	M 4
T 5	12 55 38	15°48'40	4♓32	4°37	10°38	8°14	7°19	11°12	22° 4	15°25	9°10	21° 4	20°45	29°45	1°48	T 5
W 6	12 59 35	16°47'50	17°36	5°45	11°52	8°26	7°26	11°17	22° 6	15°27	9°10	20°56	20°42	29°52	1°51	W 6
T 7	13 3 31	17°46'58	1♈ 3	6°46	13° 7	8°40	7°32	11°21	22° 9	15°28	9°10	20°45	20°38	29°59	1°55	T 7
F 8	13 7 28	18°46'04	14°52	7°41	14°21	8°54	7°39	11°25	22°11	15°29	9°11	20°33	20°35	0♑ 5	1°58	F 8
S 9	13 11 24	19°45'07	28°59	8°30	15°36	9° 8	7°46	11°29	22°13	15°30	9°11	20°21	20°32	0°12	2° 2	S 9
S 10	13 15 21	20°44'09	13♉19	9°12	16°50	9°23	7°53	11°33	22°16	15°32	9°12	20°10	20°29	0°19	2° 5	S 10
M11	13 19 17	21°43'09	27°46	9°47	18° 4	9°38	8° 0	11°37	22°18	15°33	9°12	20° 1	20°26	0°25	2° 9	M11
T 12	13 23 14	22°42'06	12♊14	10°16	19°19	9°54	8° 8	11°40	22°20	15°34	9°13	19°54	20°22	0°32	2°12	T 12
W13	13 27 11	23°41'02	26°36	10°38	20°33	10°10	8°15	11°44	22°22	15°35	9°13	19°51	20°19	0°39	2°16	W13
T 14	13 31 7	24°39'55	10♋52	10°54	21°47	10°27	8°23	11°48	22°24	15°36	9°14	19°50	20°16	0°45	2°19	T 14
F 15	13 35 4	25°38'45	24°57	11° 3	23° 2	10°44	8°30	11°51	22°26	15°37	9°14	19°50	20°13	0°52	2°23	F 15
S 16	13 39 0	26°37'34	8♌53	11°R 5	24°16	11° 2	8°38	11°55	22°28	15°38	9°15	19°49	20°10	0°59	2°26	S 16
S 17	13 42 57	27°36'20	22°39	11° 1	25°30	11°20	8°46	11°58	22°30	15°39	9°15	19°47	20° 7	1° 5	2°29	S 17
M18	13 46 53	28°35'04	6♍14	10°51	26°45	11°38	8°54	12° 1	22°32	15°40	9°16	19°43	20° 3	1°12	2°33	M18
T 19	13 50 50	29°33'45	19°39	10°36	27°59	11°57	9° 3	12° 5	22°34	15°41	9°16	19°36	20° 0	1°19	2°36	T 19
W20	13 54 46	0♉32'25	2♎54	10°15	29°13	12°16	9°11	12° 8	22°35	15°42	9°17	19°26	19°57	1°25	2°39	W20
T 21	13 58 43	1°31'02	15°57	9°49	0♉27	12°35	9°20	12°11	22°37	15°43	9°18	19°15	19°54	1°32	2°43	T 21
F 22	14 2 39	2°29'37	28°47	9°20	1°41	12°55	9°28	12°14	22°39	15°44	9°18	19° 2	19°51	1°38	2°46	F 22
S 23	14 6 36	3°28'11	11♏24	8°46	2°56	13°15	9°37	12°17	22°41	15°45	9°19	18°49	19°48	1°45	2°49	S 23
S 24	14 10 33	4°26'42	23°48	8°10	4°10	13°36	9°46	12°19	22°42	15°45	9°20	18°38	19°44	1°52	2°53	S 24
M25	14 14 29	5°25'12	5♐59	7°31	5°24	13°57	9°55	12°22	22°44	15°46	9°21	18°29	19°41	1°58	2°56	M25
T 26	14 18 26	6°23'40	17°59	6°51	6°38	14°18	10° 4	12°25	22°45	15°47	9°21	18°22	19°38	2° 5	2°59	T 26
W27	14 22 22	7°22'07	29°51	6°10	7°52	14°39	10°13	12°27	22°47	15°48	9°22	18°18	19°35	2°12	3° 2	W27
T 28	14 26 19	8°20'32	11♑39	5°29	9° 6	15° 1	10°22	12°29	22°48	15°48	9°23	18°17	19°32	2°18	3° 5	T 28
F 29	14 30 15	9°18'55	23°27	4°49	10°21	15°23	10°32	12°32	22°50	15°49	9°24	18°D17	19°28	2°25	3° 8	F 29
S 30	14 34 12	10♉17'16	5♒21	4♉10	11♉35	15♌46	10♋41	12♒34	22♒51	15♒50	9♋24	18°R17	19♋25	2♑32	3♈11	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	4n41	22s 1	0n30	12n44	1n40	0n56	1s25	21n17	3n 0	23n22	0n 8	17s54	0s27	14s50	0s41	16s14	0s 0	19n25	3s42	21n45	21n47	21s31	3n40	3n19
S 2	5 4	21 12	0s33	13 26	1 51	1 26	1 25	21 12	2 58	23 22	0 8	17 53	0 27	14 49	0 41	16 13	0 0	19 25	3 42	21 45	21 48	21 32	3 41	3 19
S 3	5 27	19 23	1 35	14 5	2 2	1 56	1 24	21 7	2 56	23 21	0 8	17 52	0 27	14 49	0 41	16 13	0 0	19 25	3 42	21 45	21 48	21 32	3 42	3 19
M 4	5 50	16 39	2 35	14 42	2 12	2 26	1 24	21 2	2 54	23 21	0 8	17 51	0 27	14 48	0 41	16 12	0 0	19 25	3 41	21 45	21 49	21 33	3 44	3 19
T 5	6 13	13 4	3 28	15 16	2 22	2 56	1 23	20 57	2 52	23 21	0 8	17 50	0 27	14 47	0 41	16 12	0 0	19 25	3 41	21 46	21 49	21 34	3 45	3 19
W 6	6 36	8 46	4 12	15 47	2 30	3 25	1 22	20 52	2 50	23 21	0 8	17 49	0 27	14 46	0 41	16 12	0 0	19 25	3 41	21 47	21 50	21 35	3 47	3 19
T 7	6 58	3 55	4 43	16 15	2 38	3 55	1 22	20 46	2 48	23 20	0 8	17 48	0 27	14 46	0 41	16 11	0 0	19 25	3 41	21 49	21 50	21 36	3 48	3 19
F 8	7 21	1n15	4 59	16 40	2 46	4 25	1 21	20 41	2 46	23 20	0 8	17 47	0 28	14 45	0 41	16 11	0 0	19 26	3 41	21 51	21 50	21 37	3 49	3 19
S 9	7 43	6 28	4 57	17 2	2 52	4 54	1 20	20 35	2 44	23 20	0 8	17 46	0 28	14 44	0 41	16 11	0 0	19 26	3 41	21 53	21 51	21 37	3 51	3 19
S 10	8 5	11 25	4 37	17 20	2 57	5 24	1 19	20 29	2 42	23 19	0 9	17 45	0 28	14 44	0 41	16 10	0 0	19 26	3 41	21 54	21 51	21 38	3 52	3 19
M11	8 27	15 46	3 58	17 36	3 1	5 53	1 18	20 23	2 40	23 19	0 9	17 44	0 28	14 43	0 41	16 10	0 0	19 26	3 40	21 56	21 52	21 39	3 53	3 19
T 12	8 49	19 11	3 5	17 47	3 4	6 22	1 17	20 17	2 38	23 19	0 9	17 43	0 28	14 42	0 41	16 10	0 0	19 26	3 40	21 57	21 52	21 40	3 55	3 19
W13	9 11	21 23	2 0	17 56	3 5	6 51	1 16	20 11	2 36	23 18	0 9	17 42	0 28	14 42	0 41	16 9	0 0	19 26	3 40	21 57	21 53	21 41	3 56	3 19
T 14	9 33	22 11	0 47	18 1	3 6	7 20	1 15	20 5	2 34	23 18	0 9	17 41	0 28	14 41	0 41	16 9	0 0	19 26	3 40	21 57	21 53	21 41	3 58	3 19
F 15	9 54	21 34	0n27	18 3	3 4	7 49	1 13	19 58	2 32	23 18	0 9	17 40	0 28	14 40	0 41	16 9	0 0	19 26	3 40	21 57	21 54	21 42	3 59	3 19
S 16	10 16	19 37	1 39	18 1	3 2	8 17	1 12	19 52	2 31	23 17	0 9	17 39	0 28	14 40	0 41	16 8	0 0	19 26	3 40	21 57	21 54	21 43	4 0	3 19
S 17	10 37	16 32	2 44	17 56	2 58	8 45	1 11	19 45	2 29	23 17	0 9	17 39	0 29	14 39	0 41	16 8	0 0	19 27	3 40	21 58	21 55	21 44	4 2	3 19
M18	10 58	12 37	3 39	17 48	2 52	9 14	1 9	19 38	2 27	23 16	0 9	17 38	0 29	14 39	0 41	16 8	0 0	19 27	3 39	21 58	21 55	21 45	4 3	3 19
T 19	11 18	8 6	4 21	17 36	2 45	9 41	1 8	19 31	2 25	23 16	0 9	17 37	0 29	14 38	0 41	16 7	0 0	19 27	3 39	21 59	21 56	21 45	4 4	3 19
W20	11 39	3 16	4 49	17 22	2 37	10 9	1 6	19 24	2 24	23 15	0 9	17 36	0 29	14 37	0 41	16 7	0 0	19 27	3 39	22 1	21 56	21 46	4 6	3 19
T 21	11 59	1s39	5 0	17 4	2 27	10 37	1 5	19 17	2 22	23 15	0 9	17 36	0 29	14 37	0 41	16 7	0 0	19 27	3 39	22 2	21 57	21 47	4 7	3 19
F 22	12 20	6 24	4 57	16 44	2 16	11 4	1 3	19 10	2 20	23 14	0 10	17 35	0 29	14 36	0 41	16 7	0 0	19 27	3 39	22 4	21 57	21 48	4 8	3 19
S 23	12 40	10 49	4 38	16 22	2 4	11 31	1 1	19 2	2 19	23 14	0 10	17 34	0 29	14 36	0 42	16 7	0 0	19 27	3 39	22 6	21 58	21 48	4 10	3 19
S 24	12 59	14 43	4 7	15 57	1 50	11 57	1 0	18 55	2 17	23 13	0 10	17 34	0 29	14 35	0 42	16 6	0 0	19 27	3 39	22 7	21 58	21 49	4 11	3 19
M25	13 19	17 55	3 25	15 31	1 36	12 24	0 58	18 47	2 15	23 13	0 10	17 33	0 30	14 35	0 42	16 6	0 0	19 27	3 39	22 9	21 58	21 50	4 12	3 19
T 26	13 38	20 19	2 34	15 3	1 21	12 50	0 56	18 39	2 14	23 12	0 10	17 32	0 30	14 34	0 42	16 6	0 0	19 27	3 38	22 9	21 59	21 51	4 14	3 19
W27	13 57	21 49	1 36	14 35	1 4	13 16	0 54	18 31	2 12	23 11	0 10	17 32	0 30	14 34	0 42	16 6	0 0	19 27	3 38	22 10	21 59	21 51	4 15	3 19
T 28	14 16	22 19	0 35	14 5	0 48	13 41	0 53	18 23	2 10	23 11	0 10	17 31	0 30	14 34	0 42	16 5	0 0	19 27	3 38	22 10	22 0	21 52	4 16	3 19
F 29	14 35	21 50	0s28	13 36	0 31	14 6	0 51	18 15	2 9	23 10	0 10	17 31	0 30	14 33	0 42	16 5	0 0	19 28	3 38	22 10	22 0	21 53	4 18	3 19
S 30	14n53	20s22	1s30	13n 7	0n14	14n31	0s49	18n 7	2n 7	23n 9	0n10	17s30	0s30	14s33	0s42	16s 5	0s 1	19n28	3s38	22n10	22n 1	21s54	4n19	3n19

Julian Day Number = 2512996.5, Delta T = 135.07 sec
Ecliptic obliquity = 23°25'00, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°05'29, Lahiri = 26°12'29

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2168
geocentric

MAY 2168 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 38 8	11♉15'36	17♒26	3°R34	12♉49	16♌ 8	10♋51	12♒36	22♒52	15♒50	9♋25	18°R17	19♋22	2♏38	3♈15	S 1
M 2	14 42 5	12°13'55	29°47	3♉ 0	14° 3	16°31	11° 1	12°38	22°54	15°51	9°26	18♋16	19°19	2°45	3°18	M 2
T 3	14 46 2	13°12'12	12♓29	2°29	15°17	16°55	11°11	12°40	22°55	15°51	9°27	18°12	19°16	2°52	3°21	T 3
W 4	14 49 58	14°10'27	25°36	2° 2	16°31	17°18	11°21	12°42	22°56	15°52	9°28	18° 6	19°13	2°58	3°24	W 4
T 5	14 53 55	15° 8'41	9♈10	1°39	17°45	17°42	11°31	12°44	22°57	15°52	9°29	17°58	19° 9	3° 5	3°26	T 5
F 6	14 57 51	16° 6'54	23°10	1°19	18°59	18° 6	11°41	12°45	22°58	15°52	9°30	17°49	19° 6	3°12	3°29	F 6
S 7	15 1 48	17° 5'04	7♉33	1° 5	20°13	18°31	11°51	12°47	22°59	15°53	9°31	17°39	19° 3	3°18	3°32	S 7
S 8	15 5 44	18° 3'14	22°13	0°55	21°27	18°55	12° 1	12°48	23° 0	15°53	9°32	17°30	19° 0	3°25	3°35	S 8
M 9	15 9 41	19° 1'21	7♊ 3	0°50	22°41	19°20	12°12	12°50	23° 1	15°53	9°33	17°23	18°57	3°32	3°38	M 9
T 10	15 13 37	19°59'27	21°55	0°D49	23°55	19°45	12°22	12°51	23° 2	15°54	9°34	17°18	18°54	3°38	3°41	T 10
W11	15 17 34	20°57'31	6♋40	0°53	25° 9	20°11	12°33	12°52	23° 3	15°54	9°35	17°16	18°50	3°45	3°43	W11
T 12	15 21 31	21°55'33	21°13	1° 2	26°23	20°36	12°44	12°53	23° 4	15°54	9°36	17°D15	18°47	3°51	3°46	T 12
F 13	15 25 27	22°53'34	5♌30	1°16	27°37	21° 2	12°54	12°54	23° 4	15°54	9°37	17°16	18°44	3°58	3°49	F 13
S 14	15 29 24	23°51'32	19°30	1°33	28°51	21°29	13° 5	12°55	23° 5	15°54	9°38	17°R17	18°41	4° 5	3°51	S 14
S 15	15 33 20	24°49'29	3♍12	1°56	0♊ 5	21°55	13°16	12°56	23° 6	15°55	9°39	17°17	18°38	4°11	3°54	S 15
M16	15 37 17	25°47'23	16°37	2°22	1°18	22°21	13°27	12°56	23° 6	15°55	9°40	17°15	18°34	4°18	3°57	M16
T 17	15 41 13	26°45'16	29°47	2°53	2°32	22°48	13°38	12°57	23° 7	15°55	9°41	17°10	18°31	4°25	3°59	T 17
W18	15 45 10	27°43'07	12♎43	3°28	3°46	23°15	13°50	12°57	23° 7	15°R55	9°43	17° 4	18°28	4°31	4° 2	W18
T 19	15 49 6	28°40'57	25°27	4° 7	5° 0	23°42	14° 1	12°58	23° 8	15°55	9°44	16°57	18°25	4°38	4° 4	T 19
F 20	15 53 3	29°38'45	7♏58	4°49	6°14	24°10	14°12	12°58	23° 8	15°55	9°45	16°48	18°22	4°45	4° 6	F 20
S 21	15 57 0	0♊36'31	20°18	5°35	7°28	24°37	14°24	12°58	23° 8	15°54	9°46	16°40	18°19	4°51	4° 9	S 21
S 22	16 0 56	1°34'16	2♐29	6°25	8°41	25° 5	14°35	12°R58	23° 9	15°54	9°47	16°32	18°15	4°58	4°11	S 22
M23	16 4 53	2°32'00	14°30	7°18	9°55	25°33	14°47	12°58	23° 9	15°54	9°49	16°26	18°12	5° 5	4°13	M23
T 24	16 8 49	3°29'42	26°24	8°15	11° 9	26° 1	14°58	12°58	23° 9	15°54	9°50	16°22	18° 9	5°11	4°16	T 24
W25	16 12 46	4°27'24	8♑13	9°14	12°23	26°30	15°10	12°58	23° 9	15°54	9°51	16°20	18° 6	5°18	4°18	W25
T 26	16 16 42	5°25'04	20° 0	10°17	13°36	26°58	15°22	12°58	23° 9	15°54	9°52	16°D20	18° 3	5°25	4°20	T 26
F 27	16 20 39	6°22'43	1♒49	11°23	14°50	27°27	15°34	12°57	23°R 9	15°53	9°54	16°21	18° 0	5°31	4°22	F 27
S 28	16 24 35	7°20'21	13°43	12°32	16° 4	27°56	15°45	12°57	23° 9	15°53	9°55	16°22	17°56	5°38	4°24	S 28
S 29	16 28 32	8°17'58	25°48	13°43	17°18	28°25	15°57	12°56	23° 9	15°53	9°56	16°24	17°53	5°45	4°26	S 29
M30	16 32 29	9°15'34	8♓ 8	14°58	18°31	28°54	16° 9	12°56	23° 9	15°52	9°57	16°R24	17°50	5°51	4°28	M30
T 31	16 36 25	10♊13'09	20♓48	16♉15	19♊45	29♌24	16♋21	12♒55	23♒ 9	15♒52	9♋59	16♋24	17♋47	5♏58	4♈30	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15n12	17s58	2s29	12n38	0s 4	14n56	0s47	17n59	2n 6	23n 9	0n10	17s30	0s30	14s32	0s42	16s 5	0s 1	19n28	3s38	22n10	22n 1	21s54	4n20	3n19
M 2	15 30	14 42	3 23	12 11	0 21	15 20	0 45	17 50	2 4	23 8	0 10	17 29	0 30	14 32	0 42	16 5	0 1	19 28	3 38	22 10	22 2	21 55	4 21	3 19
T 3	15 47	10 41	4 8	11 44	0 37	15 43	0 43	17 42	2 2	23 7	0 10	17 29	0 31	14 32	0 42	16 5	0 1	19 28	3 38	22 11	22 2	21 56	4 23	3 19
W 4	16 5	6 3	4 41	11 20	0 54	16 7	0 41	17 33	2 1	23 6	0 10	17 28	0 31	14 31	0 42	16 5	0 1	19 28	3 37	22 12	22 3	21 56	4 24	3 19
T 5	16 22	0 59	5 1	10 57	1 10	16 30	0 38	17 25	1 59	23 6	0 11	17 28	0 31	14 31	0 42	16 4	0 1	19 28	3 37	22 13	22 3	21 57	4 25	3 19
F 6	16 39	4n18	5 3	10 36	1 25	16 52	0 36	17 16	1 58	23 5	0 11	17 28	0 31	14 31	0 42	16 4	0 1	19 28	3 37	22 14	22 3	21 58	4 26	3 19
S 7	16 55	9 30	4 46	10 17	1 39	17 14	0 34	17 7	1 57	23 4	0 11	17 27	0 31	14 30	0 42	16 4	0 1	19 28	3 37	22 15	22 4	21 59	4 27	3 19
S 8	17 12	14 16	4 11	10 1	1 53	17 36	0 32	16 58	1 55	23 3	0 11	17 27	0 31	14 30	0 42	16 4	0 1	19 28	3 37	22 16	22 4	21 59	4 29	3 20
M 9	17 28	18 13	3 18	9 48	2 5	17 57	0 30	16 48	1 54	23 2	0 11	17 27	0 31	14 30	0 42	16 4	0 1	19 28	3 37	22 17	22 5	22 0	4 30	3 20
T 10	17 43	20 59	2 12	9 36	2 17	18 17	0 27	16 39	1 52	23 1	0 11	17 27	0 32	14 29	0 42	16 4	0 1	19 28	3 37	22 18	22 5	22 1	4 31	3 20
W11	17 59	22 18	0 57	9 28	2 28	18 38	0 25	16 30	1 51	23 0	0 11	17 26	0 32	14 29	0 42	16 4	0 1	19 28	3 37	22 18	22 6	22 1	4 32	3 20
T 12	18 14	22 6	0n21	9 21	2 38	18 57	0 23	16 20	1 49	23 0	0 11	17 26	0 32	14 29	0 42	16 4	0 1	19 28	3 36	22 18	22 6	22 2	4 33	3 20
F 13	18 29	20 26	1 36	9 17	2 47	19 16	0 21	16 11	1 48	22 59	0 11	17 26	0 32	14 29	0 42	16 4	0 1	19 28	3 36	22 18	22 7	22 3	4 34	3 20
S 14	18 43	17 34	2 44	9 16	2 55	19 35	0 18	16 1	1 47	22 58	0 11	17 26	0 32	14 29	0 42	16 4	0 1	19 28	3 36	22 18	22 7	22 3	4 35	3 20
S 15	18 57	13 46	3 41	9 17	3 2	19 53	0 16	15 51	1 45	22 57	0 11	17 26	0 32	14 28	0 42	16 4	0 1	19 28	3 36	22 18	22 7	22 4	4 36	3 20
M16	19 11	9 20	4 25	9 20	3 8	20 11	0 14	15 41	1 44	22 56	0 11	17 26	0 32	14 28	0 42	16 4	0 1	19 28	3 36	22 18	22 8	22 5	4 38	3 20
T 17	19 25	4 34	4 53	9 26	3 14	20 28	0 11	15 31	1 43	22 55	0 11	17 26	0 32	14 28	0 42	16 4	0 1	19 28	3 36	22 19	22 8	22 5	4 39	3 20
W18	19 38	0s19	5 6	9 33	3 18	20 44	0 9	15 21	1 41	22 53	0 12	17 26	0 33	14 28	0 42	16 4	0 1	19 28	3 36	22 20	22 9	22 6	4 40	3 20
T 19	19 51	5 7	5 4	9 43	3 21	21 0	0 6	15 11	1 40	22 52	0 12	17 26	0 33	14 28	0 43	16 4	0 1	19 29	3 36	22 21	22 9	22 6	4 41	3 20
F 20	20 3	9 37	4 47	9 54	3 24	21 16	0 4	15 0	1 39	22 51	0 12	17 26	0 33	14 28	0 43	16 4	0 1	19 29	3 36	22 22	22 10	22 7	4 42	3 20
S 21	20 16	13 41	4 17	10 8	3 26	21 30	0 2	14 50	1 37	22 50	0 12	17 26	0 33	14 28	0 43	16 4	0 1	19 29	3 35	22 23	22 10	22 8	4 43	3 20
S 22	20 27	17 7	3 35	10 23	3 27	21 45	0n 1	14 39	1 36	22 49	0 12	17 26	0 33	14 28	0 43	16 4	0 1	19 29	3 35	22 24	22 10	22 8	4 44	3 21
M23	20 39	19 48	2 44	10 40	3 27	21 58	0 3	14 29	1 35	22 48	0 12	17 26	0 33	14 28	0 43	16 4	0 1	19 29	3 35	22 24	22 11	22 9	4 45	3 21
T 24	20 50	21 36	1 46	10 58	3 27	22 11	0 6	14 18	1 33	22 47	0 12	17 26	0 33	14 28	0 43	16 4	0 1	19 29	3 35	22 25	22 11	22 10	4 46	3 21
W25	21 1	22 26	0 44	11 18	3 26	22 23	0 8	14 7	1 32	22 45	0 12	17 27	0 34	14 28	0 43	16 4	0 1	19 29	3 35	22 25	22 12	22 10	4 47	3 21
T 26	21 11	22 15	0s20	11 40	3 24	22 35	0 10	13 56	1 31	22 44	0 12	17 27	0 34	14 28	0 43	16 4	0 1	19 29	3 35	22 25	22 12	22 11	4 48	3 21
F 27	21 21	21 5	1 23	12 2	3 21	22 46	0 13	13 45	1 30	22 43	0 12	17 27	0 34	14 28	0 43	16 4	0 1	19 29	3 35	22 25	22 13	22 11	4 49	3 21
S 28	21 31	18 59	2 24	12 26	3 18	22 56	0 15	13 34	1 28	22 41	0 12	17 27	0 34	14 28	0 43	16 4	0 1	19 29	3 35	22 25	22 13	22 12	4 49	3 21
S 29	21 40	16 1	3 19	12 51	3 14	23 6	0 18	13 23	1 27	22 40	0 12	17 28	0 34	14 28	0 43	16 5	0 1	19 29	3 35	22 25	22 13	22 12	4 50	3 21
M30	21 49	12 18	4 6	13 17	3 9	23 15	0 20	13 11	1 26	22 39	0 12	17 28	0 34	14 28	0 43	16 5	0 1	19 29	3 35	22 25	22 14	22 13	4 51	3 21
T 31	21n58	7s58	4s42	13n44	3s 4	23n24	0n22	13n 0	1n25	22n37	0n13	17s28	0s34	14s28	0s43	16s 5	0s 1	19n29	3s34	22n25	22n14	22s14	4n52	3n21

Julian Day Number = 2513026.5, Delta T = 135.14 sec
Ecliptic obliquity = 23°25'00, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°05'33, Lahiri = 26°12'33

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2168
geocentric

JUNE 2168 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 40 22	11♊10'43	3♈52	17♉35	20♊59	29♌53	16♋34	12°R54	23°R 9	15°R51	10♋ 0	16°R22	17♋44	6♎ 4	4♈32	W 1
T 2	16 44 18	12° 8'16	17°23	18°58	22°12	0♍23	16°46	12♒53	23♒ 9	15♒51	10° 1	16♋19	17°40	6°11	4°34	T 2
F 3	16 48 15	13° 5'49	1♉22	20°23	23°26	0°53	16°58	12°52	23° 8	15°50	10° 3	16°14	17°37	6°18	4°36	F 3
S 4	16 52 11	14° 3'21	15°48	21°51	24°40	1°23	17°10	12°51	23° 8	15°50	10° 4	16° 9	17°34	6°24	4°37	S 4
S 5	16 56 8	15° 0'52	0♊35	23°22	25°53	1°53	17°23	12°49	23° 7	15°49	10° 5	16° 5	17°31	6°31	4°39	S 5
M 6	17 0 4	15°58'22	15°37	24°55	27° 7	2°23	17°35	12°48	23° 7	15°49	10° 7	16° 2	17°28	6°38	4°41	M 6
T 7	17 4 1	16°55'51	0♋45	26°31	28°21	2°54	17°48	12°47	23° 7	15°48	10° 8	15°59	17°25	6°44	4°42	T 7
W 8	17 7 58	17°53'19	15°48	28° 9	29°34	3°24	18° 0	12°45	23° 6	15°47	10°10	15°D59	17°21	6°51	4°44	W 8
T 9	17 11 54	18°50'46	0♌40	29°50	0♋48	3°55	18°13	12°43	23° 5	15°47	10°11	15°59	17°18	6°58	4°45	T 9
F 10	17 15 51	19°48'12	15°14	1♊34	2° 1	4°26	18°25	12°42	23° 5	15°46	10°12	16° 1	17°15	7° 4	4°47	F 10
S 11	17 19 47	20°45'37	29°25	3°20	3°15	4°57	18°38	12°40	23° 4	15°45	10°14	16° 2	17°12	7°11	4°48	S 11
S 12	17 23 44	21°43'01	13♍14	5° 9	4°29	5°28	18°51	12°38	23° 3	15°45	10°15	16° 3	17° 9	7°18	4°50	S 12
M13	17 27 40	22°40'23	26°40	7° 0	5°42	6° 0	19° 3	12°36	23° 3	15°44	10°17	16°R 3	17° 6	7°24	4°51	M13
T 14	17 31 37	23°37'45	9♎45	8°53	6°56	6°31	19°16	12°34	23° 2	15°43	10°18	16° 2	17° 2	7°31	4°52	T 14
W15	17 35 34	24°35'05	22°31	10°49	8° 9	7° 3	19°29	12°32	23° 1	15°42	10°20	16° 0	16°59	7°38	4°53	W15
T 16	17 39 30	25°32'25	5♏ 2	12°47	9°23	7°35	19°42	12°29	23° 0	15°41	10°21	15°58	16°56	7°44	4°54	T 16
F 17	17 43 27	26°29'43	17°19	14°47	10°36	8° 7	19°55	12°27	22°59	15°40	10°22	15°55	16°53	7°51	4°56	F 17
S 18	17 47 23	27°27'01	29°27	16°50	11°50	8°39	20° 7	12°25	22°58	15°39	10°24	15°52	16°50	7°57	4°57	S 18
S 19	17 51 20	28°24'19	11♐26	18°54	13° 3	9°11	20°20	12°22	22°57	15°38	10°25	15°50	16°46	8° 4	4°58	S 19
M20	17 55 16	29°21'35	23°19	21° 0	14°17	9°43	20°33	12°20	22°56	15°38	10°27	15°48	16°43	8°11	4°59	M20
T 21	17 59 13	0♋18'51	5♑ 8	23° 7	15°30	10°15	20°46	12°17	22°55	15°37	10°28	15°47	16°40	8°17	4°59	T 21
W22	18 3 9	1°16'07	16°56	25°16	16°43	10°48	20°59	12°14	22°54	15°35	10°30	15°D46	16°37	8°24	5° 0	W22
T 23	18 7 6	2°13'22	28°44	27°26	17°57	11°20	21°13	12°11	22°53	15°34	10°31	15°47	16°34	8°31	5° 1	T 23
F 24	18 11 3	3°10'37	10♒36	29°37	19°10	11°53	21°26	12° 8	22°51	15°33	10°33	15°47	16°31	8°37	5° 2	F 24
S 25	18 14 59	4° 7'51	22°35	1♋48	20°24	12°26	21°39	12° 6	22°50	15°32	10°34	15°49	16°27	8°44	5° 3	S 25
S 26	18 18 56	5° 5'05	4♓43	4° 0	21°37	12°59	21°52	12° 2	22°49	15°31	10°36	15°50	16°24	8°51	5° 3	S 26
M27	18 22 52	6° 2'20	17° 5	6°11	22°51	13°32	22° 5	11°59	22°47	15°30	10°37	15°50	16°21	8°57	5° 4	M27
T 28	18 26 49	6°59'34	29°45	8°22	24° 4	14° 5	22°18	11°56	22°46	15°29	10°39	15°51	16°18	9° 4	5° 4	T 28
W29	18 30 45	7°56'48	12♈46	10°33	25°17	14°38	22°31	11°53	22°44	15°28	10°40	15°R51	16°15	9°11	5° 5	W29
T 30	18 34 42	8♋54'02	26♈11	12♋43	26♋31	15♍12	22♋45	11♒50	22♒43	15♒26	10♋42	15♋51	16♋11	9♎17	5♈ 5	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n 6	3s 8	5s 5	14n12	2s59	23n31	0n25	12n48	1n24	22n36	0n13	17s29	0s34	14s28	0s43	16s 5	0s 1	19n29	3s34	22n25	22n15	22s14	4n53	3n22
T 2	22 14	2n 0	5 12	14 41	2 52	23 38	0 27	12 37	1 23	22 35	0 13	17 29	0 35	14 28	0 43	16 5	0 1	19 29	3 34	22 25	22 15	22 15	4 54	3 22
F 3	22 21	7 13	5 2	15 10	2 45	23 45	0 29	12 25	1 21	22 33	0 13	17 29	0 35	14 28	0 43	16 5	0 1	19 29	3 34	22 26	22 15	22 15	4 55	3 22
S 4	22 28	12 13	4 32	15 40	2 38	23 50	0 32	12 13	1 20	22 32	0 13	17 30	0 35	14 28	0 43	16 5	0 1	19 29	3 34	22 26	22 16	22 16	4 55	3 22
S 5	22 35	16 37	3 43	16 10	2 30	23 55	0 34	12 2	1 19	22 30	0 13	17 30	0 35	14 29	0 43	16 6	0 1	19 29	3 34	22 27	22 16	22 16	4 56	3 22
M 6	22 41	20 0	2 39	16 41	2 22	23 59	0 36	11 50	1 18	22 29	0 13	17 31	0 35	14 29	0 43	16 6	0 1	19 29	3 34	22 27	22 17	22 17	4 57	3 22
T 7	22 47	22 2	1 23	17 12	2 13	24 3	0 39	11 38	1 17	22 27	0 13	17 31	0 35	14 29	0 43	16 6	0 1	19 29	3 34	22 28	22 17	22 17	4 58	3 22
W 8	22 52	22 28	0 1	17 43	2 4	24 6	0 41	11 25	1 16	22 25	0 13	17 32	0 35	14 29	0 43	16 6	0 1	19 29	3 34	22 28	22 17	22 18	4 58	3 22
T 9	22 57	21 17	1n20	18 14	1 54	24 8	0 43	11 13	1 15	22 24	0 13	17 33	0 36	14 29	0 43	16 6	0 1	19 29	3 34	22 28	22 18	22 19	4 59	3 22
F 10	23 2	18 42	2 34	18 45	1 45	24 9	0 45	11 1	1 13	22 22	0 13	17 33	0 36	14 30	0 43	16 7	0 1	19 29	3 34	22 27	22 18	22 19	5 0	3 23
S 11	23 6	15 3	3 37	19 16	1 34	24 10	0 47	10 48	1 12	22 21	0 13	17 34	0 36	14 30	0 43	16 7	0 1	19 29	3 33	22 27	22 19	22 20	5 0	3 23
S 12	23 9	10 40	4 25	19 46	1 24	24 10	0 50	10 36	1 11	22 19	0 13	17 35	0 36	14 30	0 43	16 7	0 1	19 29	3 33	22 27	22 19	22 20	5 1	3 23
M13	23 13	5 52	4 57	20 15	1 13	24 9	0 52	10 23	1 10	22 17	0 14	17 35	0 36	14 30	0 43	16 7	0 1	19 28	3 33	22 27	22 20	22 21	5 2	3 23
T 14	23 16	0 57	5 13	20 44	1 2	24 8	0 54	10 11	1 9	22 16	0 14	17 36	0 36	14 31	0 44	16 8	0 1	19 28	3 33	22 27	22 20	22 21	5 2	3 23
W15	23 18	3s54	5 13	21 12	0 51	24 6	0 56	9 58	1 8	22 14	0 14	17 37	0 36	14 31	0 44	16 8	0 1	19 28	3 33	22 27	22 20	22 22	5 3	3 23
T 16	23 20	8 30	4 58	21 39	0 40	24 3	0 58	9 45	1 7	22 12	0 14	17 37	0 36	14 31	0 44	16 8	0 1	19 28	3 33	22 28	22 21	22 22	5 3	3 23
F 17	23 22	12 41	4 29	22 5	0 29	23 59	1 0	9 32	1 6	22 10	0 14	17 38	0 37	14 32	0 44	16 8	0 1	19 28	3 33	22 28	22 21	22 23	5 4	3 23
S 18	23 24	16 17	3 49	22 29	0 17	23 55	1 2	9 19	1 5	22 8	0 14	17 39	0 37	14 32	0 44	16 9	0 1	19 28	3 33	22 28	22 21	22 23	5 5	3 23
S 19	23 24	19 11	2 59	22 51	0 6	23 50	1 4	9 6	1 4	22 7	0 14	17 40	0 37	14 33	0 44	16 9	0 1	19 28	3 33	22 29	22 22	22 23	5 5	3 24
M20	23 25	21 14	2 1	23 11	0n 5	23 44	1 5	8 53	1 3	22 5	0 14	17 41	0 37	14 33	0 44	16 9	0 1	19 28	3 33	22 29	22 22	22 24	5 6	3 24
T 21	23 25	22 20	0 59	23 30	0 15	23 38	1 7	8 40	1 2	22 3	0 14	17 42	0 37	14 33	0 44	16 10	0 1	19 28	3 33	22 29	22 23	22 24	5 6	3 24
W22	23 25	22 27	0s 6	23 46	0 26	23 31	1 9	8 27	1 1	22 1	0 14	17 42	0 37	14 34	0 44	16 10	0 1	19 28	3 33	22 29	22 23	22 25	5 6	3 24
T 23	23 24	21 33	1 11	23 59	0 36	23 23	1 11	8 14	1 0	21 59	0 14	17 43	0 37	14 34	0 44	16 10	0 1	19 28	3 33	22 29	22 23	22 25	5 7	3 24
F 24	23 23	19 42	2 13	24 10	0 45	23 14	1 12	8 0	0 59	21 57	0 14	17 44	0 38	14 35	0 44	16 11	0 1	19 28	3 32	22 29	22 24	22 26	5 7	3 24
S 25	23 21	16 58	3 10	24 19	0 55	23 5	1 14	7 47	0 58	21 55	0 15	17 45	0 38	14 35	0 44	16 11	0 1	19 28	3 32	22 29	22 24	22 26	5 8	3 24
S 26	23 19	13 29	4 0	24 25	1 3	22 55	1 15	7 33	0 57	21 53	0 15	17 46	0 38	14 35	0 44	16 11	0 1	19 28	3 32	22 29	22 25	22 27	5 8	3 24
M27	23 17	9 22	4 39	24 27	1 11	22 45	1 17	7 20	0 56	21 51	0 15	17 47	0 38	14 36	0 44	16 12	0 1	19 28	3 32	22 29	22 25	22 27	5 8	3 25
T 28	23 14	4 46	5 5	24 28	1 19	22 34	1 18	7 6	0 55	21 49	0 15	17 48	0 38	14 36	0 44	16 12	0 1	19 28	3 32	22 29	22 25	22 28	5 9	3 25
W29	23 11	0n10	5 17	24 25	1 25	22 22	1 20	6 52	0 54	21 47	0 15	17 49	0 38	14 37	0 44	16 12	0 1	19 28	3 32	22 29	22 26	22 28	5 9	3 25
T 30	23n 7	5n14	5s12	24n19	1n31	22n10	1n21	6n38	0n53	21n45	0n15	17s50	0s38	14s37	0s44	16s13	0s 1	19n28	3s32	22n29	22n26	22s28	5n 9	3n25

Julian Day Number = 2513057.5, Delta T = 135.20 sec
Ecliptic obliquity = 23°24'59, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°05'37, Lahiri = 26°12'38

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2168
geocentric

JULY 2168 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 38 38	9♋51'16	10♉ 2	14♋51	27♋44	15♍45	22♋58	11°R46	22°R41	15°R25	10♋43	15°R50	16♋ 8	9♑24	5♈ 6	F 1
S 2	18 42 35	10°48'30	24°19	16°59	28°57	16°19	23°11	11♒43	22♒40	15♒24	10°45	15♋50	16° 5	9°31	5° 6	S 2
S 3	18 46 32	11°45'44	8♊59	19° 5	0♌11	16°53	23°25	11°39	22°38	15°23	10°46	15°49	16° 2	9°37	5° 6	S 3
M 4	18 50 28	12°42'59	23°57	21°10	1°24	17°27	23°38	11°36	22°37	15°21	10°48	15°49	15°59	9°44	5° 6	M 4
T 5	18 54 25	13°40'13	9♋ 7	23°13	2°37	18° 0	23°51	11°32	22°35	15°20	10°49	15°D49	15°56	9°50	5° 7	T 5
W 6	18 58 21	14°37'28	24°17	25°14	3°51	18°35	24° 5	11°28	22°33	15°19	10°51	15°49	15°52	9°57	5° 7	W 6
T 7	19 2 18	15°34'42	9♌20	27°14	5° 4	19° 9	24°18	11°25	22°32	15°17	10°52	15°R49	15°49	10° 4	5°R 7	T 7
F 8	19 6 14	16°31'56	24° 6	29°12	6°17	19°43	24°31	11°21	22°30	15°16	10°54	15°49	15°46	10°10	5° 7	F 8
S 9	19 10 11	17°29'10	8♍30	1♌ 7	7°30	20°17	24°45	11°17	22°28	15°15	10°55	15°49	15°43	10°17	5° 7	S 9
S 10	19 14 7	18°26'24	22°29	3° 1	8°44	20°52	24°58	11°13	22°26	15°13	10°57	15°48	15°40	10°24	5° 7	S 10
M11	19 18 4	19°23'37	6♎ 1	4°53	9°57	21°26	25°12	11° 9	22°24	15°12	10°58	15°48	15°37	10°30	5° 6	M11
T 12	19 22 1	20°20'50	19° 8	6°43	11°10	22° 1	25°25	11° 5	22°22	15°10	11° 0	15°D48	15°33	10°37	5° 6	T 12
W13	19 25 57	21°18'04	1♏53	8°31	12°23	22°36	25°38	11° 1	22°20	15° 9	11° 1	15°48	15°30	10°44	5° 6	W13
T 14	19 29 54	22°15'17	14°19	10°17	13°36	23°10	25°52	10°57	22°19	15° 8	11° 2	15°49	15°27	10°50	5° 6	T 14
F 15	19 33 50	23°12'30	26°29	12° 1	14°49	23°45	26° 5	10°53	22°17	15° 6	11° 4	15°49	15°24	10°57	5° 5	F 15
S 16	19 37 47	24° 9'43	8♐29	13°43	16° 3	24°20	26°19	10°49	22°15	15° 5	11° 5	15°50	15°21	11° 4	5° 5	S 16
S 17	19 41 43	25° 6'56	20°21	15°24	17°16	24°56	26°32	10°45	22°13	15° 3	11° 7	15°51	15°17	11°10	5° 4	S 17
M18	19 45 40	26° 4'10	2♑10	17° 2	18°29	25°31	26°46	10°40	22°10	15° 2	11° 8	15°52	15°14	11°17	5° 4	M18
T 19	19 49 36	27° 1'24	13°57	18°38	19°42	26° 6	26°59	10°36	22° 8	15° 0	11°10	15°R52	15°11	11°23	5° 3	T 19
W20	19 53 33	27°58'38	25°46	20°12	20°55	26°41	27°12	10°32	22° 6	14°58	11°11	15°52	15° 8	11°30	5° 3	W20
T 21	19 57 30	28°55'52	7♒40	21°44	22° 8	27°17	27°26	10°28	22° 4	14°57	11°13	15°51	15° 5	11°37	5° 2	T 21
F 22	20 1 26	29°53'07	19°39	23°15	23°21	27°52	27°39	10°23	22° 2	14°55	11°14	15°49	15° 2	11°43	5° 1	F 22
S 23	20 5 23	0♌50'22	1♓47	24°43	24°34	28°28	27°53	10°19	22° 0	14°54	11°15	15°47	14°58	11°50	5° 0	S 23
S 24	20 9 19	1°47'38	14° 5	26° 9	25°47	29° 4	28° 6	10°14	21°58	14°52	11°17	15°45	14°55	11°57	4°59	S 24
M25	20 13 16	2°44'55	26°35	27°34	27° 0	29°40	28°20	10°10	21°56	14°51	11°18	15°43	14°52	12° 3	4°59	M25
T 26	20 17 12	3°42'12	9♈21	28°56	28°13	0♎16	28°33	10° 6	21°53	14°49	11°20	15°41	14°49	12°10	4°58	T 26
W27	20 21 9	4°39'31	22°23	0♍16	29°26	0°51	28°46	10° 1	21°51	14°47	11°21	15°40	14°46	12°17	4°57	W27
T 28	20 25 5	5°36'50	5♉45	1°34	0♍39	1°28	29° 0	9°57	21°49	14°46	11°22	15°D39	14°43	12°23	4°56	T 28
F 29	20 29 2	6°34'10	19°28	2°49	1°52	2° 4	29°13	9°52	21°47	14°44	11°24	15°40	14°39	12°30	4°54	F 29
S 30	20 32 59	7°31'32	3♊32	4° 3	3° 4	2°40	29°27	9°48	21°44	14°43	11°25	15°41	14°36	12°37	4°53	S 30
S 31	20 36 55	8♌28'54	17♊57	5♍14	4♍17	3♎16	29♋40	9♒43	21♒42	14♒41	11♋27	15♋42	14♋33	12♑43	4♈52	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n 3	10n13	4s50	24n11	1n36	21n56	1n22	6n25	0n52	21n43	0n15	17s51	0s38	14s38	0s44	16s13	0s 1	19n28	3s32	22n29	22n27	22s29	5n10	3n25
S 2	22 59	14 48	4 9	24 0	1 41	21 43	1 24	6 11	0 51	21 40	0 15	17 52	0 39	14 39	0 44	16 13	0 1	19 28	3 32	22 29	22 27	22 29	5 10	3 25
S 3	22 54	18 38	3 11	23 47	1 45	21 28	1 25	5 57	0 50	21 38	0 15	17 54	0 39	14 39	0 44	16 14	0 1	19 28	3 32	22 29	22 27	22 30	5 10	3 25
M 4	22 49	21 18	1 59	23 31	1 48	21 14	1 26	5 43	0 49	21 36	0 15	17 55	0 39	14 40	0 44	16 14	0 1	19 27	3 32	22 29	22 28	22 30	5 10	3 25
T 5	22 43	22 29	0 37	23 13	1 50	20 58	1 27	5 29	0 48	21 34	0 15	17 56	0 39	14 40	0 44	16 15	0 1	19 27	3 32	22 29	22 28	22 30	5 10	3 26
W 6	22 37	22 1	0n47	22 53	1 51	20 42	1 28	5 14	0 47	21 32	0 15	17 57	0 39	14 41	0 44	16 15	0 1	19 27	3 32	22 29	22 28	22 31	5 11	3 26
T 7	22 30	19 57	2 7	22 31	1 52	20 25	1 29	5 0	0 46	21 29	0 15	17 58	0 39	14 41	0 44	16 15	0 1	19 27	3 32	22 29	22 29	22 31	5 11	3 26
F 8	22 24	16 35	3 17	22 8	1 52	20 8	1 30	4 46	0 45	21 27	0 16	17 59	0 39	14 42	0 44	16 16	0 1	19 27	3 32	22 29	22 29	22 32	5 11	3 26
S 9	22 16	12 17	4 13	21 42	1 52	19 50	1 31	4 32	0 44	21 25	0 16	18 0	0 39	14 43	0 44	16 16	0 1	19 27	3 32	22 29	22 30	22 32	5 11	3 26
S 10	22 9	7 27	4 52	21 15	1 50	19 32	1 31	4 17	0 44	21 22	0 16	18 2	0 39	14 43	0 44	16 17	0 1	19 27	3 32	22 29	22 30	22 32	5 11	3 26
M11	22 1	2 24	5 13	20 47	1 48	19 13	1 32	4 3	0 43	21 20	0 16	18 3	0 40	14 44	0 44	16 17	0 1	19 27	3 32	22 29	22 30	22 33	5 11	3 26
T 12	21 53	2s35	5 17	20 17	1 46	18 53	1 33	3 48	0 42	21 18	0 16	18 4	0 40	14 44	0 44	16 17	0 1	19 27	3 32	22 29	22 31	22 33	5 11	3 26
W13	21 44	7 20	5 5	19 46	1 43	18 34	1 33	3 34	0 41	21 15	0 16	18 5	0 40	14 45	0 44	16 18	0 1	19 27	3 31	22 29	22 31	22 33	5 11	3 27
T 14	21 35	11 40	4 39	19 14	1 39	18 13	1 34	3 19	0 40	21 13	0 16	18 6	0 40	14 46	0 44	16 18	0 1	19 27	3 31	22 29	22 31	22 34	5 11	3 27
F 15	21 25	15 26	4 1	18 41	1 35	17 52	1 34	3 4	0 39	21 11	0 16	18 8	0 40	14 46	0 44	16 19	0 1	19 27	3 31	22 29	22 32	22 34	5 11	3 27
S 16	21 16	18 31	3 13	18 7	1 30	17 31	1 34	2 50	0 38	21 8	0 16	18 9	0 40	14 47	0 44	16 19	0 1	19 27	3 31	22 29	22 32	22 34	5 11	3 27
S 17	21 5	20 47	2 17	17 33	1 24	17 9	1 35	2 35	0 37	21 6	0 16	18 10	0 40	14 48	0 45	16 20	0 1	19 26	3 31	22 29	22 32	22 35	5 11	3 27
M18	20 55	22 9	1 15	16 58	1 19	16 47	1 35	2 20	0 36	21 3	0 16	18 11	0 40	14 48	0 45	16 20	0 1	19 26	3 31	22 29	22 33	22 35	5 11	3 27
T 19	20 44	22 31	0 11	16 22	1 12	16 24	1 35	2 6	0 36	21 1	0 17	18 13	0 40	14 49	0 45	16 21	0 1	19 26	3 31	22 28	22 33	22 35	5 11	3 27
W20	20 33	21 52	0s55	15 46	1 6	16 1	1 35	1 51	0 35	20 58	0 17	18 14	0 41	14 50	0 45	16 21	0 1	19 26	3 31	22 29	22 34	22 36	5 10	3 27
T 21	20 21	20 14	1 58	15 10	0 58	15 37	1 35	1 36	0 34	20 56	0 17	18 15	0 41	14 51	0 45	16 22	0 1	19 26	3 31	22 29	22 34	22 36	5 10	3 27
F 22	20 9	17 42	2 56	14 33	0 51	15 13	1 35	1 21	0 33	20 53	0 17	18 16	0 41	14 51	0 45	16 22	0 1	19 26	3 31	22 29	22 34	22 36	5 10	3 28
S 23	19 57	14 22	3 48	13 57	0 43	14 48	1 35	1 6	0 32	20 51	0 17	18 18	0 41	14 52	0 45	16 22	0 1	19 26	3 31	22 29	22 35	22 37	5 10	3 28
S 24	19 45	10 24	4 29	13 20	0 34	14 24	1 34	0 51	0 31	20 48	0 17	18 19	0 41	14 53	0 45	16 23	0 1	19 26	3 31	22 29	22 35	22 37	5 10	3 28
M25	19 32	5 55	4 59	12 43	0 26	13 58	1 34	0 36	0 30	20 45	0 17	18 20	0 41	14 53	0 45	16 23	0 2	19 26	3 31	22 30	22 35	22 37	5 9	3 28
T 26	19 18	1 7	5 14	12 6	0 17	13 33	1 34	0 21	0 30	20 43	0 17	18 22	0 41	14 54	0 45	16 24	0 2	19 26	3 31	22 30	22 36	22 37	5 9	3 28
W27	19 5	3n51	5 14	11 29	0 7	13 7	1 33	0 6	0 29	20 40	0 17	18 23	0 41	14 55	0 45	16 24	0 2	19 26	3 31	22 30	22 36	22 38	5 9	3 28
T 28	18 51	8 45	4 57	10 52	0s 2	12 41	1 33	0s 9	0 28	20 37	0 17	18 24	0 41	14 56	0 45	16 25	0 2	19 26	3 31	22 30	22 36	22 38	5 8	3 28
F 29	18 37	13 22	4 23	10 16	0 12	12 14	1 32	0 24	0 27	20 35	0 17	18 25	0 41	14 56	0 45	16 25	0 2	19 25	3 31	22 30	22 37	22 38	5 8	3 28
S 30	18 22	17 22	3 32	9 40	0 22	11 47	1 31	0 39	0 26	20 32	0 18	18 27	0 41	14 57	0 45	16 26	0 2	19 25	3 31	22 30	22 37	22 38	5 8	3 28
S 31	18n 8	20n26	2s27	9n 4	0s33	11n20	1n30	0s55	0n25	20n29	0n18	18s28	0s42	14s58	0s45	16s26	0s 2	19n25	3s31	22n30	22n37	22s39	5n 7	3n29

Julian Day Number = 2513087.5, Delta T = 135.27 sec
Ecliptic obliquity = 23°25'00, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°05'41, Lahiri = 26°12'42

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2168
geocentric

AUGUST 2168 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 40 52	9♌26'17	2♋40	6♍23	5♍30	3♎53	29♋53	9°R39	21°R40	14°R39	11♋28	15♋43	14♋30	12♑50	4°R51	M 1
T 2	20 44 48	10°23'42	17°37	7°29	6°43	4°29	0♌ 7	9♒34	21♒37	14♒38	11°29	15°R44	14°27	12°57	4♈50	T 2
W 3	20 48 45	11°21'07	2♌39	8°32	7°56	5° 6	0°20	9°30	21°35	14°36	11°31	15°43	14°23	13° 3	4°48	W 3
T 4	20 52 41	12°18'33	17°38	9°33	9° 9	5°43	0°33	9°26	21°33	14°35	11°32	15°41	14°20	13°10	4°47	T 4
F 5	20 56 38	13°16'00	2♍26	10°32	10°21	6°19	0°46	9°21	21°30	14°33	11°33	15°38	14°17	13°16	4°45	F 5
S 6	21 0 34	14°13'28	16°56	11°27	11°34	6°56	1° 0	9°17	21°28	14°31	11°35	15°34	14°14	13°23	4°44	S 6
S 7	21 4 31	15°10'56	1♎ 1	12°19	12°47	7°33	1°13	9°12	21°25	14°30	11°36	15°29	14°11	13°30	4°42	S 7
M 8	21 8 28	16° 8'25	14°40	13° 8	13°59	8°10	1°26	9° 8	21°23	14°28	11°37	15°26	14° 8	13°36	4°41	M 8
T 9	21 12 24	17° 5'55	27°51	13°54	15°12	8°47	1°39	9° 3	21°21	14°26	11°38	15°23	14° 4	13°43	4°39	T 9
W10	21 16 21	18° 3'25	10♏38	14°36	16°25	9°24	1°52	8°59	21°18	14°25	11°40	15°21	14° 1	13°50	4°38	W10
T 11	21 20 17	19° 0'57	23° 4	15°15	17°37	10° 2	2° 6	8°55	21°16	14°23	11°41	15°D21	13°58	13°56	4°36	T 11
F 12	21 24 14	19°58'29	5♐13	15°49	18°50	10°39	2°19	8°50	21°14	14°21	11°42	15°22	13°55	14° 3	4°34	F 12
S 13	21 28 10	20°56'02	17° 9	16°20	20° 2	11°16	2°32	8°46	21°11	14°20	11°43	15°24	13°52	14°10	4°32	S 13
S 14	21 32 7	21°53'36	28°59	16°46	21°15	11°54	2°45	8°42	21° 9	14°18	11°44	15°25	13°49	14°16	4°31	S 14
M15	21 36 3	22°51'11	10♑46	17° 8	22°27	12°31	2°58	8°37	21° 6	14°17	11°46	15°R26	13°45	14°23	4°29	M15
T 16	21 40 0	23°48'47	22°35	17°25	23°40	13° 9	3°11	8°33	21° 4	14°15	11°47	15°26	13°42	14°30	4°27	T 16
W17	21 43 57	24°46'24	4♒29	17°37	24°52	13°47	3°24	8°29	21° 2	14°13	11°48	15°24	13°39	14°36	4°25	W17
T 18	21 47 53	25°44'02	16°30	17°43	26° 5	14°25	3°36	8°25	20°59	14°12	11°49	15°21	13°36	14°43	4°23	T 18
F 19	21 51 50	26°41'41	28°41	17°R45	27°17	15° 2	3°49	8°21	20°57	14°10	11°50	15°15	13°33	14°49	4°21	F 19
S 20	21 55 46	27°39'22	11♓ 3	17°41	28°29	15°40	4° 2	8°16	20°54	14° 9	11°51	15° 9	13°29	14°56	4°19	S 20
S 21	21 59 43	28°37'04	23°37	17°31	29°42	16°18	4°15	8°12	20°52	14° 7	11°52	15° 1	13°26	15° 3	4°17	S 21
M22	22 3 39	29°34'47	6♈23	17°16	0♎54	16°57	4°28	8° 8	20°50	14° 6	11°54	14°53	13°23	15° 9	4°15	M22
T 23	22 7 36	0♍32'32	19°22	16°55	2° 6	17°35	4°40	8° 4	20°47	14° 4	11°55	14°47	13°20	15°16	4°12	T 23
W24	22 11 32	1°30'18	2♉35	16°28	3°18	18°13	4°53	8° 1	20°45	14° 2	11°56	14°41	13°17	15°23	4°10	W24
T 25	22 15 29	2°28'06	16° 1	15°56	4°31	18°51	5° 6	7°57	20°43	14° 1	11°57	14°38	13°14	15°29	4° 8	T 25
F 26	22 19 26	3°25'56	29°42	15°18	5°43	19°30	5°18	7°53	20°40	13°59	11°58	14°D37	13°10	15°36	4° 6	F 26
S 27	22 23 22	4°23'48	13♊37	14°36	6°55	20° 8	5°31	7°49	20°38	13°58	11°59	14°37	13° 7	15°43	4° 3	S 27
S 28	22 27 19	5°21'41	27°48	13°49	8° 7	20°47	5°43	7°45	20°36	13°56	12° 0	14°38	13° 4	15°49	4° 1	S 28
M29	22 31 15	6°19'37	12♋12	12°59	9°19	21°25	5°56	7°42	20°33	13°55	12° 1	14°R39	13° 1	15°56	3°59	M29
T 30	22 35 12	7°17'34	26°47	12° 6	10°31	22° 4	6° 8	7°38	20°31	13°53	12° 2	14°38	12°58	16° 3	3°56	T 30
W31	22 39 8	8♍15'32	11♌29	11♍11	11♎43	22♎43	6♌20	7♒35	20♒29	13♒52	12♋ 3	14♋36	12♋55	16♑ 9	3♈54	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
M 1	17n52	22n12	1s11	8n29	0s44	10n52	1n30	1s10	0n25	20n27	0n18	18s29	0s42	14s59	0s45	16s27	0s 2	19n25	3s31	22n30	22n38	22s39	5n 7	3n29	
T 2	17 37	22 26	0n10	7 55	0 55	10 25	1 29	1 25	0 24	20 24	0 18	18 31	0 42	14 59	0 45	16 27	0 2	19 25	3 31	22 29	22 38	22 39	5 7	3 29	
W 3	17 21	21 2	1 32	7 21	1 6	9 57	1 28	1 40	0 23	20 21	0 18	18 32	0 42	15 0	0 45	16 28	0 2	19 25	3 31	22 30	22 38	22 39	5 6	3 29	
T 4	17 5	18 11	2 47	6 47	1 17	9 28	1 27	1 56	0 22	20 18	0 18	18 33	0 42	15 1	0 45	16 28	0 2	19 25	3 31	22 30	22 39	22 40	5 6	3 29	
F 5	16 49	14 9	3 49	6 15	1 28	9 0	1 26	2 11	0 21	20 16	0 18	18 34	0 42	15 2	0 45	16 29	0 2	19 25	3 31	22 30	22 39	22 40	5 5	3 29	
S 6	16 33	9 23	4 35	5 44	1 40	8 31	1 24	2 26	0 21	20 13	0 18	18 36	0 42	15 3	0 45	16 29	0 2	19 25	3 31	22 31	22 39	22 40	5 5	3 29	
S 7	16 16	4 14	5 3	5 13	1 51	8 2	1 23	2 41	0 20	20 10	0 18	18 37	0 42	15 3	0 45	16 30	0 2	19 25	3 31	22 31	22 40	22 40	5 4	3 29	
M 8	15 59	0s57	5 13	4 44	2 3	7 33	1 22	2 57	0 19	20 7	0 18	18 38	0 42	15 4	0 45	16 30	0 2	19 24	3 31	22 32	22 40	22 41	5 4	3 29	
T 9	15 42	5 56	5 6	4 15	2 15	7 4	1 20	3 12	0 18	20 4	0 19	18 39	0 42	15 5	0 45	16 31	0 2	19 24	3 31	22 32	22 40	22 41	5 3	3 29	
W10	15 24	10 30	4 43	3 48	2 26	6 34	1 19	3 27	0 17	20 2	0 19	18 41	0 42	15 6	0 45	16 31	0 2	19 24	3 31	22 32	22 41	22 41	5 2	3 29	
T 11	15 7	14 31	4 8	3 23	2 38	6 4	1 17	3 43	0 17	19 59	0 19	18 42	0 42	15 6	0 45	16 32	0 2	19 24	3 31	22 32	22 41	22 41	5 2	3 29	
F 12	14 49	17 50	3 22	2 59	2 50	5 34	1 16	3 58	0 16	19 56	0 19	18 43	0 43	15 7	0 45	16 32	0 2	19 24	3 31	22 32	22 41	22 41	5 1	3 30	
S 13	14 30	20 20	2 28	2 37	3 1	5 4	1 14	4 13	0 15	19 53	0 19	18 44	0 43	15 8	0 45	16 33	0 2	19 24	3 31	22 32	22 42	22 41	5 1	3 30	
S 14	14 12	21 56	1 29	2 16	3 12	4 34	1 12	4 29	0 14	19 50	0 19	18 45	0 43	15 9	0 45	16 33	0 2	19 24	3 31	22 32	22 42	22 42	5 0	3 30	
M15	13 53	22 33	0 25	1 58	3 23	4 4	1 10	4 44	0 14	19 47	0 19	18 47	0 43	15 9	0 45	16 34	0 2	19 24	3 31	22 31	22 42	22 42	4 59	3 30	
T 16	13 34	22 10	0s39	1 41	3 34	3 33	1 8	5 0	0 13	19 44	0 19	18 48	0 43	15 10	0 45	16 34	0 2	19 24	3 31	22 31	22 43	22 42	4 59	3 30	
W17	13 15	20 46	1 42	1 27	3 44	3 3	1 6	5 15	0 12	19 42	0 19	18 49	0 43	15 11	0 45	16 34	0 2	19 24	3 31	22 32	22 43	22 42	4 58	3 30	
T 18	12 56	18 26	2 41	1 16	3 54	2 32	1 4	5 30	0 11	19 39	0 20	18 50	0 43	15 12	0 45	16 35	0 2	19 23	3 31	22 32	22 43	22 42	4 57	3 30	
F 19	12 36	15 15	3 33	1 7	4 3	2 2	1 2	5 46	0 10	19 36	0 20	18 51	0 43	15 13	0 45	16 35	0 2	19 23	3 31	22 33	22 44	22 42	4 56	3 30	
S 20	12 17	11 22	4 16	1 1	4 11	1 31	1 0	6 1	0 10	19 33	0 20	18 52	0 43	15 13	0 45	16 36	0 2	19 23	3 31	22 33	22 44	22 43	4 56	3 30	
S 21	11 57	6 56	4 47	0 57	4 18	1 0	0 58	6 16	0 9	19 30	0 20	18 53	0 43	15 14	0 45	16 36	0 2	19 23	3 31	22 34	22 44	22 43	4 55	3 30	
M22	11 37	2 8	5 5	0 57	4 25	0 29	0 55	6 31	0 8	19 27	0 20	18 55	0 43	15 15	0 45	16 37	0 2	19 23	3 31	22 35	22 45	22 43	4 54	3 30	
T 23	11 16	2n50	5 7	1 1	4 30	0s 2	0 53	6 47	0 7	19 24	0 20	18 56	0 43	15 16	0 45	16 37	0 2	19 23	3 31	22 36	22 45	22 43	4 53	3 30	
W24	10 56	7 45	4 54	1 7	4 35	0 33	0 50	7 2	0 7	19 21	0 20	18 57	0 43	15 16	0 45	16 38	0 2	19 23	3 31	22 36	22 45	22 43	4 52	3 30	
T 25	10 35	12 24	4 24	1 17	4 37	1 3	0 48	7 17	0 6	19 18	0 20	18 58	0 43	15 17	0 45	16 38	0 2	19 23	3 31	22 37	22 46	22 43	4 51	3 30	
F 26	10 14	16 31	3 38	1 30	4 39	1 34	0 45	7 32	0 5	19 15	0 20	18 59	0 43	15 18	0 45	16 39	0 2	19 23	3 31	22 37	22 46	22 43	4 51	3 30	
S 27	9 53	19 47	2 39	1 47	4 38	2 5	0 43	7 48	0 5	19 12	0 21	19 0	0 43	15 19	0 45	16 39	0 2	19 23	3 31	22 37	22 46	22 43	4 50	3 30	
S 28	9 32	21 54	1 30	2 6	4 36	2 36	0 40	8 3	0 4	19 9	0 21	19 1	0 43	15 19	0 45	16 40	0 2	19 22	3 31	22 37	22 47	22 44	4 49	3 30	
M29	9 11	22 38	0 13	2 29	4 32	3 7	0 37	8 18	0 3	19 6	0 21	19 2	0 44	15 20	0 45	16 40	0 2	19 22	3 31	22 37	22 47	22 44	4 48	3 30	
T 30	8 49	21 50	1n 5	2 55	4 26	3 38	0 35	8 33	0 2	19 4	0 21	19 3	0 44	15 21	0 45	16 40	0 2	19 22	3 31	22 37	22 47	22 44	4 47	3 30	
W31	8n28	19n33	2n19	3n23	4s18	4s 9	0n32	8s48	0n 2	19n 1	0n21	19s 4	0s44	15s21	0s45	16s41	0s 2	19n22	3s31	22n37	22n47	22s44	4n46	3n30	

Julian Day Number = 2513118.5, Delta T = 135.34 sec
Ecliptic obliquity = 23°25'00, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°05'46, Lahiri = 26°12'46

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2168
geocentric

SEPTEMBER 2168 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 43 5	9♍13'33	26♌11	10°R15	12♎55	23♎22	6♌33	7°R31	20°R27	13°R51	12♋ 3	14°R31	12♋51	16♑16	3°R51	T 1
F 2	22 47 1	10°11'35	10♍46	9♍20	14° 7	24° 1	6°45	7♒28	20♒25	13♒49	12° 4	14♋24	12°48	16°22	3♈49	F 2
S 3	22 50 58	11° 9'39	25° 8	8°26	15°19	24°40	6°57	7°24	20°22	13°48	12° 5	14°15	12°45	16°29	3°46	S 3
S 4	22 54 55	12° 7'44	9♎10	7°34	16°31	25°19	7° 9	7°21	20°20	13°46	12° 6	14° 5	12°42	16°36	3°44	S 4
M 5	22 58 51	13° 5'50	22°49	6°47	17°42	25°58	7°21	7°18	20°18	13°45	12° 7	13°57	12°39	16°42	3°41	M 5
T 6	23 2 48	14° 3'58	6♏ 2	6° 4	18°54	26°37	7°33	7°15	20°16	13°44	12° 8	13°49	12°35	16°49	3°39	T 6
W 7	23 6 44	15° 2'08	18°50	5°28	20° 6	27°17	7°45	7°12	20°14	13°42	12° 8	13°44	12°32	16°56	3°36	W 7
T 8	23 10 41	16° 0'19	1♐17	4°58	21°18	27°56	7°57	7° 9	20°12	13°41	12° 9	13°40	12°29	17° 2	3°34	T 8
F 9	23 14 37	16°58'32	13°26	4°36	22°29	28°35	8° 9	7° 6	20°10	13°40	12°10	13°D39	12°26	17° 9	3°31	F 9
S 10	23 18 34	17°56'46	25°23	4°23	23°41	29°15	8°21	7° 3	20° 8	13°38	12°11	13°39	12°23	17°16	3°28	S 10
S 11	23 22 30	18°55'01	7♑13	4°D18	24°52	29°55	8°32	7° 0	20° 6	13°37	12°11	13°40	12°20	17°22	3°26	S 11
M12	23 26 27	19°53'18	19° 1	4°22	26° 4	0♏34	8°44	6°58	20° 4	13°36	12°12	13°R40	12°16	17°29	3°23	M12
T 13	23 30 24	20°51'37	0♒52	4°35	27°15	1°14	8°55	6°55	20° 2	13°35	12°13	13°39	12°13	17°36	3°20	T 13
W14	23 34 20	21°49'57	12°50	4°57	28°27	1°54	9° 7	6°52	20° 0	13°33	12°13	13°35	12°10	17°42	3°18	W14
T 15	23 38 17	22°48'19	25° 0	5°27	29°38	2°34	9°18	6°50	19°58	13°32	12°14	13°28	12° 7	17°49	3°15	T 15
F 16	23 42 13	23°46'43	7♓23	6° 7	0♏49	3°14	9°29	6°48	19°56	13°31	12°15	13°20	12° 4	17°56	3°12	F 16
S 17	23 46 10	24°45'08	20° 2	6°55	2° 1	3°54	9°41	6°45	19°54	13°30	12°15	13° 9	12° 0	18° 2	3°10	S 17
S 18	23 50 6	25°43'35	2♈55	7°51	3°12	4°34	9°52	6°43	19°52	13°29	12°16	12°57	11°57	18° 9	3° 7	S 18
M19	23 54 3	26°42'04	16° 3	8°54	4°23	5°14	10° 3	6°41	19°51	13°28	12°16	12°45	11°54	18°15	3° 4	M19
T 20	23 57 59	27°40'35	29°24	10° 4	5°34	5°54	10°14	6°39	19°49	13°27	12°17	12°34	11°51	18°22	3° 1	T 20
W21	0 1 56	28°39'08	12♉56	11°20	6°45	6°35	10°25	6°37	19°47	13°26	12°17	12°25	11°48	18°29	2°58	W21
T 22	0 5 52	29°37'43	26°37	12°42	7°56	7°15	10°36	6°35	19°45	13°25	12°18	12°19	11°45	18°35	2°56	T 22
F 23	0 9 49	0♎36'20	10♊26	14° 8	9° 7	7°55	10°46	6°34	19°44	13°24	12°18	12°15	11°41	18°42	2°53	F 23
S 24	0 13 46	1°35'00	24°23	15°40	10°18	8°36	10°57	6°32	19°42	13°23	12°19	12°14	11°38	18°49	2°50	S 24
S 25	0 17 42	2°33'42	8♋26	17°14	11°29	9°17	11° 7	6°31	19°41	13°22	12°19	12°14	11°35	18°55	2°47	S 25
M26	0 21 39	3°32'26	22°35	18°53	12°40	9°57	11°18	6°29	19°39	13°21	12°20	12°14	11°32	19° 2	2°45	M26
T 27	0 25 35	4°31'13	6♌50	20°33	13°51	10°38	11°28	6°28	19°38	13°20	12°20	12°12	11°29	19° 9	2°42	T 27
W28	0 29 32	5°30'01	21° 8	22°16	15° 1	11°19	11°39	6°27	19°36	13°19	12°20	12° 8	11°26	19°15	2°39	W28
T 29	0 33 28	6°28'52	5♍25	24° 1	16°12	12° 0	11°49	6°25	19°35	13°18	12°21	12° 1	11°22	19°22	2°36	T 29
F 30	0 37 25	7♎27'45	19♍37	25♍47	17♏23	12♏41	11♌59	6♒24	19♒33	13♒17	12♋21	11♋51	11♋19	19♑29	2♈34	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n 6	15n58	3n24	3n53	4s 9	4s39	0n29	9s 3	0n 1	18n58	0n21	19s 5	0s44	15s22	0s45	16s41	0s 2	19n22	3s31	22n38	22n48	22s44	4n45	3n30
F 2	7 44	11 27	4 15	4 24	3 57	5 10	0 26	9 18	0 0	18 55	0 21	19 6	0 44	15 23	0 45	16 42	0 2	19 22	3 31	22 38	22 48	22 44	4 44	3 30
S 3	7 22	6 21	4 49	4 56	3 44	5 40	0 23	9 33	0s 0	18 52	0 21	19 6	0 44	15 23	0 45	16 42	0 2	19 22	3 31	22 39	22 48	22 44	4 43	3 30
S 4	7 0	1 2	5 4	5 29	3 29	6 11	0 20	9 48	0 1	18 49	0 22	19 7	0 44	15 24	0 45	16 43	0 2	19 22	3 31	22 40	22 49	22 44	4 42	3 30
M 5	6 38	4s12	5 2	6 2	3 13	6 41	0 17	10 3	0 2	18 46	0 22	19 8	0 44	15 25	0 45	16 43	0 2	19 22	3 31	22 41	22 49	22 44	4 41	3 31
T 6	6 16	9 4	4 43	6 33	2 56	7 11	0 14	10 18	0 3	18 43	0 22	19 9	0 44	15 25	0 45	16 43	0 2	19 22	3 31	22 42	22 49	22 44	4 40	3 31
W 7	5 53	13 24	4 10	7 3	2 37	7 41	0 10	10 33	0 3	18 40	0 22	19 10	0 44	15 26	0 45	16 44	0 2	19 22	3 31	22 43	22 50	22 44	4 39	3 30
T 8	5 31	17 2	3 26	7 32	2 19	8 11	0 7	10 47	0 4	18 37	0 22	19 11	0 44	15 27	0 45	16 44	0 2	19 21	3 31	22 43	22 50	22 44	4 38	3 30
F 9	5 8	19 50	2 34	7 58	1 59	8 41	0 4	11 2	0 5	18 34	0 22	19 11	0 44	15 27	0 45	16 44	0 2	19 21	3 31	22 43	22 50	22 44	4 37	3 30
S 10	4 46	21 44	1 36	8 20	1 40	9 10	0 1	11 17	0 5	18 31	0 22	19 12	0 44	15 28	0 45	16 45	0 2	19 21	3 31	22 43	22 50	22 44	4 36	3 30
S 11	4 23	22 39	0 34	8 40	1 21	9 40	0s 3	11 31	0 6	18 28	0 22	19 13	0 44	15 29	0 45	16 45	0 2	19 21	3 31	22 43	22 51	22 44	4 35	3 30
M12	4 0	22 32	0s28	8 56	1 2	10 9	0 6	11 46	0 7	18 25	0 23	19 14	0 44	15 29	0 45	16 46	0 2	19 21	3 31	22 43	22 51	22 44	4 34	3 30
T 13	3 37	21 25	1 30	9 9	0 44	10 38	0 9	12 1	0 7	18 23	0 23	19 14	0 44	15 30	0 45	16 46	0 2	19 21	3 31	22 43	22 51	22 44	4 33	3 30
W14	3 14	19 19	2 29	9 17	0 26	11 7	0 13	12 15	0 8	18 20	0 23	19 15	0 44	15 30	0 45	16 46	0 2	19 21	3 31	22 43	22 52	22 44	4 32	3 30
T 15	2 51	16 20	3 21	9 22	0 9	11 35	0 16	12 29	0 9	18 17	0 23	19 16	0 44	15 31	0 45	16 47	0 2	19 21	3 31	22 44	22 52	22 44	4 30	3 30
F 16	2 28	12 35	4 5	9 22	0n 7	12 3	0 20	12 44	0 9	18 14	0 23	19 16	0 44	15 32	0 45	16 47	0 2	19 21	3 31	22 45	22 52	22 44	4 29	3 30
S 17	2 5	8 12	4 38	9 18	0 22	12 31	0 23	12 58	0 10	18 11	0 23	19 17	0 44	15 32	0 45	16 47	0 2	19 21	3 31	22 46	22 53	22 44	4 28	3 30
S 18	1 42	3 23	4 57	9 11	0 36	12 59	0 27	13 12	0 11	18 8	0 23	19 17	0 44	15 33	0 45	16 48	0 2	19 21	3 31	22 47	22 53	22 44	4 27	3 30
M19	1 19	1n41	5 1	8 59	0 49	13 27	0 30	13 26	0 11	18 5	0 23	19 18	0 44	15 33	0 45	16 48	0 2	19 21	3 31	22 48	22 53	22 44	4 26	3 30
T 20	0 55	6 45	4 49	8 43	1 0	13 54	0 34	13 40	0 12	18 2	0 24	19 18	0 44	15 34	0 45	16 48	0 2	19 21	3 31	22 49	22 53	22 44	4 25	3 30
W21	0 32	11 34	4 20	8 24	1 10	14 21	0 37	13 54	0 13	18 0	0 24	19 19	0 44	15 34	0 44	16 49	0 2	19 20	3 31	22 50	22 54	22 44	4 24	3 30
T 22	0 9	15 52	3 37	8 1	1 20	14 47	0 41	14 8	0 13	17 57	0 24	19 19	0 44	15 35	0 44	16 49	0 2	19 20	3 31	22 51	22 54	22 44	4 23	3 30
F 23	0s14	19 21	2 40	7 35	1 27	15 13	0 44	14 22	0 14	17 54	0 24	19 20	0 44	15 35	0 44	16 49	0 2	19 20	3 31	22 51	22 54	22 44	4 21	3 30
S 24	0 38	21 45	1 33	7 6	1 34	15 39	0 48	14 35	0 15	17 51	0 24	19 20	0 44	15 36	0 44	16 49	0 2	19 20	3 31	22 51	22 54	22 44	4 20	3 30
S 25	1 1	22 49	0 20	6 34	1 40	16 5	0 52	14 49	0 15	17 49	0 24	19 21	0 44	15 36	0 44	16 50	0 2	19 20	3 31	22 51	22 55	22 44	4 19	3 30
M26	1 24	22 25	0n55	6 0	1 44	16 30	0 55	15 2	0 16	17 46	0 24	19 21	0 44	15 37	0 44	16 50	0 2	19 20	3 32	22 51	22 55	22 44	4 18	3 30
T 27	1 48	20 35	2 6	5 23	1 48	16 55	0 59	15 16	0 17	17 43	0 25	19 21	0 44	15 37	0 44	16 50	0 2	19 20	3 32	22 51	22 55	22 44	4 17	3 30
W28	2 11	17 27	3 10	4 45	1 50	17 19	1 2	15 29	0 17	17 40	0 25	19 22	0 44	15 38	0 44	16 51	0 2	19 20	3 32	22 52	22 56	22 44	4 16	3 30
T 29	2 34	13 16	4 2	4 5	1 52	17 43	1 6	15 42	0 18	17 38	0 25	19 22	0 44	15 38	0 44	16 51	0 2	19 20	3 32	22 52	22 56	22 44	4 14	3 30
F 30	2s58	8n22	4n38	3n24	1n53	18s 7	1s10	15s55	0s19	17n35	0n25	19s22	0s44	15s38	0s44	16s51	0s 2	19n20	3s32	22n53	22n56	22s44	4n13	3n29

Julian Day Number = 2513149.5, Delta T = 135.40 sec
Ecliptic obliquity = 23°25'01, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°05'50, Lahiri = 26°12'50

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2168
geocentric

OCTOBER 2168 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 41 21	8♎26'40	3♎39	27♍34	18♏33	13♏22	12♌ 9	6°R23	19°R32	13°R17	12♋21	11°R40	11♋16	19♉35	2°R31	S 1
S 2	0 45 18	9°25'37	17°26	29°22	19°44	14° 3	12°19	6♒22	19♒31	13♒16	12°21	11♋27	11°13	19°42	2♈28	S 2
M 3	0 49 15	10°24'36	0♏54	1♎10	20°54	14°44	12°29	6°22	19°30	13°15	12°22	11°15	11°10	19°48	2°25	M 3
T 4	0 53 11	11°23'37	14° 1	2°58	22° 4	15°25	12°38	6°21	19°28	13°15	12°22	11° 4	11° 6	19°55	2°23	T 4
W 5	0 57 8	12°22'40	26°46	4°46	23°15	16° 7	12°48	6°20	19°27	13°14	12°22	10°56	11° 3	20° 2	2°20	W 5
T 6	1 1 4	13°21'44	9♐12	6°35	24°25	16°48	12°57	6°20	19°26	13°13	12°22	10°50	11° 0	20° 8	2°17	T 6
F 7	1 5 1	14°20'51	21°20	8°22	25°35	17°30	13° 7	6°20	19°25	13°13	12°22	10°47	10°57	20°15	2°14	F 7
S 8	1 8 57	15°19'59	3♑17	10°10	26°45	18°11	13°16	6°19	19°24	13°12	12°22	10°46	10°54	20°22	2°12	S 8
S 9	1 12 54	16°19'09	15° 7	11°57	27°55	18°53	13°25	6°19	19°23	13°12	12°23	10°46	10°51	20°28	2° 9	S 9
M10	1 16 50	17°18'21	26°55	13°43	29° 5	19°34	13°34	6°D19	19°22	13°11	12°23	10°46	10°47	20°35	2° 6	M10
T 11	1 20 47	18°17'35	8♒47	15°29	0♐15	20°16	13°43	6°19	19°21	13°11	12°23	10°45	10°44	20°42	2° 4	T 11
W12	1 24 44	19°16'50	20°49	17°14	1°25	20°58	13°52	6°19	19°20	13°10	12°R23	10°41	10°41	20°48	2° 1	W12
T 13	1 28 40	20°16'07	3♓ 4	18°58	2°34	21°40	14° 0	6°19	19°20	13°10	12°23	10°35	10°38	20°55	1°58	T 13
F 14	1 32 37	21°15'26	15°36	20°42	3°44	22°22	14° 9	6°20	19°19	13° 9	12°23	10°26	10°35	21° 2	1°56	F 14
S 15	1 36 33	22°14'47	28°28	22°25	4°53	23° 4	14°17	6°20	19°18	13° 9	12°23	10°15	10°32	21° 8	1°53	S 15
S 16	1 40 30	23°14'09	11♈39	24° 7	6° 3	23°46	14°25	6°21	19°17	13° 9	12°22	10° 3	10°28	21°15	1°51	S 16
M17	1 44 26	24°13'34	25° 9	25°49	7°12	24°28	14°34	6°21	19°17	13° 8	12°22	9°50	10°25	21°22	1°48	M17
T 18	1 48 23	25°13'01	8♉54	27°30	8°21	25°10	14°42	6°22	19°16	13° 8	12°22	9°39	10°22	21°28	1°46	T 18
W19	1 52 19	26°12'29	22°52	29°10	9°30	25°52	14°50	6°23	19°16	13° 8	12°22	9°30	10°19	21°35	1°43	W19
T 20	1 56 16	27°12'00	6♊57	0♏50	10°39	26°35	14°57	6°24	19°15	13° 8	12°22	9°24	10°16	21°41	1°41	T 20
F 21	2 0 13	28°11'34	21° 6	2°29	11°48	27°17	15° 5	6°25	19°15	13° 8	12°22	9°20	10°12	21°48	1°38	F 21
S 22	2 4 9	29°11'09	5♋16	4° 7	12°57	28° 0	15°12	6°26	19°15	13° 8	12°22	9°D19	10° 9	21°55	1°36	S 22
S 23	2 8 6	0♏10'47	19°25	5°45	14° 6	28°42	15°20	6°27	19°14	13° 8	12°21	9°19	10° 6	22° 1	1°34	S 23
M24	2 12 2	1°10'27	3♌32	7°22	15°15	29°25	15°27	6°29	19°14	13° 8	12°21	9°R19	10° 3	22° 8	1°31	M24
T 25	2 15 59	2°10'09	17°35	8°58	16°23	0♐ 8	15°34	6°30	19°14	13°D 8	12°21	9°18	10° 0	22°15	1°29	T 25
W26	2 19 55	3° 9'54	1♍34	10°34	17°31	0°50	15°41	6°32	19°14	13° 8	12°20	9°15	9°57	22°21	1°27	W26
T 27	2 23 52	4° 9'41	15°27	12°10	18°40	1°33	15°48	6°33	19°13	13° 8	12°20	9°10	9°53	22°28	1°25	T 27
F 28	2 27 48	5° 9'30	29°13	13°44	19°48	2°16	15°54	6°35	19°13	13° 8	12°20	9° 1	9°50	22°35	1°22	F 28
S 29	2 31 45	6° 9'21	12♎49	15°19	20°56	2°59	16° 1	6°37	19°D13	13° 8	12°19	8°51	9°47	22°41	1°20	S 29
S 30	2 35 41	7° 9'14	26°12	16°52	22° 4	3°42	16° 7	6°39	19°13	13° 8	12°19	8°40	9°44	22°48	1°18	S 30
M31	2 39 38	8♏ 9'09	9♏21	18♏26	23♐11	4♐25	16♌13	6♒41	19♒14	13♒ 8	12♋19	8♋29	9♋41	22♉55	1♈16	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3s21	3n 6	4n58	2n41	1n53	18s30	1s13	16s 8	0s19	17n32	0n25	19s23	0s44	15s39	0s44	16s51	0s 2	19n20	3s32	22n54	22n56	22s44	4n12	3n29
S 2	3 44	2s14	4 59	1 58	1 52	18 53	1 17	16 21	0 20	17 30	0 25	19 23	0 44	15 39	0 44	16 51	0 2	19 20	3 32	22 55	22 57	22 44	4 11	3 29
M 3	4 7	7 21	4 43	1 13	1 50	19 15	1 20	16 34	0 20	17 27	0 26	19 23	0 44	15 40	0 44	16 52	0 2	19 20	3 32	22 56	22 57	22 43	4 10	3 29
T 4	4 30	12 0	4 13	0 28	1 48	19 37	1 24	16 47	0 21	17 25	0 26	19 23	0 44	15 40	0 44	16 52	0 2	19 20	3 32	22 57	22 57	22 43	4 8	3 29
W 5	4 53	16 0	3 30	0s17	1 46	19 59	1 27	16 59	0 22	17 22	0 26	19 23	0 44	15 40	0 44	16 52	0 2	19 20	3 32	22 58	22 57	22 43	4 7	3 29
T 6	5 16	19 11	2 39	1 3	1 42	20 20	1 31	17 12	0 22	17 20	0 26	19 23	0 44	15 41	0 44	16 52	0 2	19 20	3 32	22 58	22 58	22 43	4 6	3 29
F 7	5 39	21 27	1 41	1 48	1 39	20 40	1 34	17 24	0 23	17 17	0 26	19 23	0 44	15 41	0 44	16 52	0 2	19 20	3 32	22 59	22 58	22 43	4 5	3 29
S 8	6 2	22 43	0 40	2 34	1 35	21 0	1 38	17 36	0 24	17 15	0 26	19 24	0 44	15 41	0 44	16 53	0 2	19 20	3 32	22 59	22 58	22 43	4 4	3 29
S 9	6 25	22 57	0s23	3 20	1 30	21 19	1 41	17 48	0 24	17 12	0 26	19 24	0 44	15 41	0 44	16 53	0 2	19 20	3 32	22 59	22 58	22 43	4 3	3 28
M10	6 47	22 8	1 25	4 6	1 25	21 38	1 45	18 0	0 25	17 10	0 27	19 24	0 44	15 42	0 44	16 53	0 2	19 19	3 32	22 59	22 59	22 43	4 1	3 28
T 11	7 10	20 20	2 23	4 51	1 20	21 57	1 48	18 12	0 25	17 7	0 27	19 24	0 44	15 42	0 44	16 53	0 2	19 19	3 32	22 59	22 59	22 42	4 0	3 28
W12	7 32	17 38	3 15	5 36	1 15	22 15	1 51	18 24	0 26	17 5	0 27	19 24	0 44	15 42	0 44	16 53	0 2	19 19	3 32	22 59	22 59	22 42	3 59	3 28
T 13	7 55	14 6	4 0	6 21	1 9	22 32	1 55	18 35	0 26	17 3	0 27	19 24	0 44	15 42	0 44	16 53	0 2	19 19	3 32	23 0	23 0	22 42	3 58	3 28
F 14	8 17	9 53	4 34	7 6	1 3	22 49	1 58	18 47	0 27	17 0	0 27	19 23	0 44	15 43	0 44	16 53	0 2	19 19	3 32	23 0	23 0	22 42	3 57	3 28
S 15	8 39	5 7	4 55	7 50	0 57	23 5	2 1	18 58	0 28	16 58	0 27	19 23	0 44	15 43	0 44	16 54	0 2	19 19	3 32	23 1	23 0	22 42	3 56	3 28
S 16	9 1	0 1	5 1	8 33	0 51	23 20	2 4	19 9	0 28	16 56	0 28	19 23	0 44	15 43	0 44	16 54	0 2	19 19	3 32	23 2	23 0	22 42	3 54	3 28
M17	9 23	5n12	4 51	9 16	0 45	23 35	2 8	19 20	0 29	16 54	0 28	19 23	0 44	15 43	0 44	16 54	0 2	19 19	3 32	23 3	23 1	22 41	3 53	3 27
T 18	9 45	10 17	4 23	9 59	0 38	23 50	2 11	19 31	0 29	16 51	0 28	19 23	0 45	15 43	0 44	16 54	0 2	19 19	3 32	23 4	23 1	22 41	3 52	3 27
W19	10 7	14 55	3 40	10 40	0 32	24 4	2 14	19 42	0 30	16 49	0 28	19 23	0 45	15 43	0 44	16 54	0 2	19 19	3 32	23 5	23 1	22 41	3 51	3 27
T 20	10 28	18 46	2 43	11 21	0 25	24 17	2 17	19 52	0 31	16 47	0 28	19 22	0 45	15 44	0 44	16 54	0 2	19 19	3 32	23 5	23 1	22 41	3 50	3 27
F 21	10 49	21 32	1 35	12 2	0 19	24 29	2 20	20 2	0 31	16 45	0 29	19 22	0 45	15 44	0 44	16 54	0 2	19 19	3 32	23 5	23 1	22 41	3 49	3 27
S 22	11 10	22 57	0 22	12 42	0 12	24 41	2 22	20 13	0 32	16 43	0 29	19 22	0 45	15 44	0 44	16 54	0 2	19 19	3 32	23 5	23 2	22 40	3 48	3 27
S 23	11 31	22 54	0n54	13 21	0 5	24 52	2 25	20 23	0 32	16 41	0 29	19 22	0 45	15 44	0 44	16 54	0 2	19 19	3 32	23 5	23 2	22 40	3 47	3 26
M24	11 52	21 22	2 5	13 59	0s 2	25 3	2 28	20 32	0 33	16 39	0 29	19 21	0 45	15 44	0 44	16 54	0 2	19 19	3 32	23 5	23 2	22 40	3 46	3 26
T 25	12 13	18 33	3 9	14 37	0 9	25 13	2 31	20 42	0 33	16 37	0 29	19 21	0 45	15 44	0 44	16 54	0 2	19 19	3 32	23 5	23 2	22 40	3 45	3 26
W26	12 33	14 39	4 1	15 13	0 15	25 22	2 33	20 52	0 34	16 35	0 29	19 21	0 45	15 44	0 43	16 54	0 2	19 19	3 32	23 6	23 3	22 40	3 43	3 26
T 27	12 54	10 0	4 38	15 49	0 22	25 31	2 36	21 1	0 34	16 33	0 30	19 20	0 45	15 44	0 43	16 54	0 2	19 19	3 32	23 6	23 3	22 39	3 42	3 26
F 28	13 14	4 53	4 59	16 25	0 29	25 39	2 38	21 10	0 35	16 32	0 30	19 20	0 45	15 44	0 43	16 54	0 3	19 19	3 32	23 7	23 3	22 39	3 41	3 26
S 29	13 34	0s24	5 3	16 59	0 36	25 47	2 40	21 19	0 35	16 30	0 30	19 19	0 45	15 44	0 43	16 54	0 3	19 19	3 32	23 7	23 3	22 39	3 40	3 25
S 30	13 53	5 36	4 50	17 32	0 42	25 53	2 43	21 28	0 36	16 28	0 30	19 19	0 45	15 44	0 43	16 54	0 3	19 19	3 32	23 8	23 4	22 39	3 39	3 25
M31	14s13	10s28	4n21	18s 5	0s49	25s59	2s45	21s36	0s37	16n27	0n30	19s18	0s45	15s44	0s43	16s54	0s 3	19n19	3s32	23n 9	23n 4	22s38	3n38	3n25

Julian Day Number = 2513179.5, Delta T = 135.47 sec
Ecliptic obliquity = 23°25'01, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°05'54, Lahiri = 26°12'55

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2168
geocentric

NOVEMBER 2168 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 43 35	9♏ 9'06	22♏13	19♏58	24♐19	5♐ 8	16♑19	6♒43	19♒14	13♒ 8	12°R18	8°R20	9♋37	23♎ 1	1°R14	T 1
W 2	2 47 31	10° 9'05	4♐48	21°31	25°27	5°51	16°25	6°45	19°14	13° 9	12♋18	8♋13	9°34	23° 8	1♈12	W 2
T 3	2 51 28	11° 9'06	17° 7	23° 3	26°34	6°35	16°31	6°47	19°14	13° 9	12°17	8° 8	9°31	23°15	1°10	T 3
F 4	2 55 24	12° 9'09	29°13	24°34	27°41	7°18	16°37	6°50	19°14	13° 9	12°17	8° 5	9°28	23°21	1° 8	F 4
S 5	2 59 21	13° 9'13	11♎ 8	26° 5	28°48	8° 1	16°42	6°52	19°15	13°10	12°16	8°D 5	9°25	23°28	1° 6	S 5
S 6	3 3 17	14° 9'18	22°57	27°35	29°55	8°45	16°47	6°55	19°15	13°10	12°16	8° 6	9°22	23°34	1° 4	S 6
M 7	3 7 14	15° 9'26	4♒45	29° 5	1♎ 2	9°28	16°52	6°58	19°16	13°10	12°15	8° 7	9°18	23°41	1° 3	M 7
T 8	3 11 11	16° 9'35	16°36	0♐35	2° 8	10°12	16°57	7° 0	19°16	13°11	12°14	8°R 7	9°15	23°48	1° 1	T 8
W 9	3 15 7	17° 9'45	28°37	2° 4	3°15	10°56	17° 2	7° 3	19°17	13°11	12°14	8° 7	9°12	23°54	0°59	W 9
T 10	3 19 4	18° 9'57	10♓52	3°33	4°21	11°39	17° 6	7° 6	19°17	13°12	12°13	8° 4	9° 9	24° 1	0°57	T 10
F 11	3 23 0	19°10'10	23°26	5° 1	5°27	12°23	17°11	7° 9	19°18	13°13	12°13	7°59	9° 6	24° 8	0°56	F 11
S 12	3 26 57	20°10'25	6♈23	6°28	6°32	13° 7	17°15	7°13	19°19	13°13	12°12	7°52	9° 3	24°14	0°54	S 12
S 13	3 30 53	21°10'41	19°43	7°56	7°38	13°51	17°19	7°16	19°19	13°14	12°11	7°45	8°59	24°21	0°53	S 13
M14	3 34 50	22°10'59	3♉27	9°22	8°43	14°35	17°23	7°19	19°20	13°14	12°10	7°37	8°56	24°28	0°51	M14
T 15	3 38 46	23°11'19	17°32	10°48	9°48	15°19	17°26	7°23	19°21	13°15	12°10	7°29	8°53	24°34	0°50	T 15
W16	3 42 43	24°11'40	1♊54	12°13	10°53	16° 3	17°30	7°26	19°22	13°16	12° 9	7°23	8°50	24°41	0°48	W16
T 17	3 46 39	25°12'03	16°26	13°38	11°58	16°47	17°33	7°30	19°23	13°17	12° 8	7°20	8°47	24°48	0°47	T 17
F 18	3 50 36	26°12'28	1♋ 3	15° 1	13° 2	17°31	17°36	7°33	19°24	13°17	12° 7	7°D18	8°43	24°54	0°46	F 18
S 19	3 54 33	27°12'54	15°37	16°24	14° 6	18°16	17°39	7°37	19°25	13°18	12° 7	7°18	8°40	25° 1	0°45	S 19
S 20	3 58 29	28°13'23	0♌ 5	17°46	15°10	19° 0	17°42	7°41	19°26	13°19	12° 6	7°19	8°37	25° 8	0°43	S 20
M21	4 2 26	29°13'53	14°22	19° 7	16°13	19°44	17°45	7°45	19°27	13°20	12° 5	7°21	8°34	25°14	0°42	M21
T 22	4 6 22	0♐14'25	28°27	20°27	17°17	20°29	17°47	7°49	19°29	13°21	12° 4	7°R21	8°31	25°21	0°41	T 22
W23	4 10 19	1°14'59	12♍19	21°45	18°20	21°13	17°49	7°53	19°30	13°22	12° 3	7°21	8°28	25°28	0°40	W23
T 24	4 14 15	2°15'34	25°58	23° 2	19°22	21°58	17°51	7°57	19°31	13°23	12° 2	7°19	8°24	25°34	0°39	T 24
F 25	4 18 12	3°16'11	9♎23	24°17	20°25	22°42	17°53	8° 1	19°32	13°24	12° 1	7°15	8°21	25°41	0°38	F 25
S 26	4 22 9	4°16'50	22°35	25°30	21°27	23°27	17°55	8° 6	19°34	13°25	12° 1	7°10	8°18	25°47	0°37	S 26
S 27	4 26 5	5°17'30	5♏34	26°40	22°28	24°12	17°56	8°10	19°35	13°26	12° 0	7° 4	8°15	25°54	0°36	S 27
M28	4 30 2	6°18'12	18°20	27°48	23°30	24°57	17°57	8°15	19°37	13°27	11°59	6°59	8°12	26° 1	0°36	M28
T 29	4 33 58	7°18'56	0♐53	28°54	24°31	25°42	17°58	8°19	19°38	13°28	11°58	6°54	8° 9	26° 7	0°35	T 29
W30	4 37 55	8♐19'41	13♐13	29♐55	25♎31	26♐26	17♑59	8♒24	19♒40	13♒30	11♋57	6♋50	8♋ 5	26♎14	0♈34	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s32	14s46	3n40	18s36	0s55	26s 5	2s47	21s45	0s37	16n25	0n31	19s18	0s45	15s44	0s43	16s54	0s 3	19n19	3s32	23n 9	23n 4	22s38	3n37	3n25
W 2	14 51	18 19	2 49	19 7	1 2	26 9	2 49	21 53	0 38	16 23	0 31	19 17	0 45	15 44	0 43	16 54	0 3	19 19	3 32	23 10	23 4	22 38	3 36	3 25
T 3	15 10	20 58	1 50	19 37	1 8	26 13	2 51	22 1	0 38	16 22	0 31	19 17	0 45	15 43	0 43	16 54	0 3	19 19	3 32	23 10	23 5	22 37	3 35	3 24
F 4	15 28	22 37	0 47	20 6	1 14	26 16	2 53	22 9	0 39	16 20	0 31	19 16	0 45	15 43	0 43	16 54	0 3	19 19	3 33	23 10	23 5	22 37	3 34	3 24
S 5	15 46	23 13	0s16	20 34	1 20	26 19	2 54	22 16	0 39	16 19	0 31	19 15	0 45	15 43	0 43	16 54	0 3	19 19	3 33	23 10	23 5	22 37	3 34	3 24
S 6	16 4	22 46	1 19	21 0	1 26	26 21	2 56	22 24	0 40	16 17	0 32	19 15	0 45	15 43	0 43	16 53	0 3	19 19	3 33	23 10	23 5	22 37	3 33	3 24
M 7	16 22	21 18	2 19	21 26	1 32	26 22	2 58	22 31	0 40	16 16	0 32	19 14	0 45	15 43	0 43	16 53	0 3	19 19	3 33	23 10	23 5	22 36	3 32	3 24
T 8	16 39	18 54	3 12	21 51	1 38	26 23	2 59	22 38	0 41	16 15	0 32	19 13	0 45	15 43	0 43	16 53	0 3	19 20	3 33	23 10	23 6	22 36	3 31	3 23
W 9	16 57	15 40	3 58	22 14	1 43	26 23	3 0	22 44	0 41	16 14	0 32	19 13	0 45	15 42	0 43	16 53	0 3	19 20	3 33	23 10	23 6	22 36	3 30	3 23
T 10	17 13	11 43	4 35	22 37	1 48	26 22	3 1	22 51	0 42	16 12	0 32	19 12	0 45	15 42	0 43	16 53	0 3	19 20	3 33	23 10	23 6	22 35	3 29	3 23
F 11	17 30	7 10	4 58	22 58	1 54	26 21	3 2	22 57	0 42	16 11	0 33	19 11	0 45	15 42	0 43	16 53	0 3	19 20	3 33	23 11	23 6	22 35	3 28	3 23
S 12	17 46	2 11	5 8	23 19	1 58	26 18	3 3	23 3	0 43	16 10	0 33	19 10	0 45	15 42	0 43	16 53	0 3	19 20	3 33	23 11	23 7	22 35	3 27	3 23
S 13	18 2	3n 3	5 2	23 38	2 3	26 16	3 4	23 9	0 43	16 9	0 33	19 9	0 45	15 41	0 43	16 52	0 3	19 20	3 33	23 11	23 7	22 34	3 27	3 22
M14	18 18	8 18	4 38	23 56	2 7	26 12	3 5	23 15	0 44	16 8	0 33	19 9	0 45	15 41	0 43	16 52	0 3	19 20	3 33	23 12	23 7	22 34	3 26	3 22
T 15	18 33	13 16	3 57	24 13	2 11	26 8	3 5	23 20	0 44	16 7	0 33	19 8	0 45	15 41	0 43	16 52	0 3	19 20	3 33	23 12	23 7	22 34	3 25	3 22
W16	18 48	17 35	3 0	24 28	2 15	26 3	3 6	23 25	0 45	16 6	0 34	19 7	0 45	15 41	0 43	16 52	0 3	19 20	3 33	23 13	23 7	22 33	3 24	3 22
T 17	19 3	20 53	1 51	24 42	2 19	25 58	3 6	23 30	0 45	16 6	0 34	19 6	0 45	15 40	0 43	16 52	0 3	19 20	3 33	23 13	23 8	22 33	3 24	3 21
F 18	19 17	22 51	0 34	24 55	2 22	25 52	3 6	23 35	0 45	16 5	0 34	19 5	0 45	15 40	0 43	16 51	0 3	19 20	3 33	23 13	23 8	22 33	3 23	3 21
S 19	19 31	23 15	0n45	25 7	2 24	25 45	3 6	23 40	0 46	16 4	0 34	19 4	0 45	15 40	0 43	16 51	0 3	19 20	3 33	23 13	23 8	22 32	3 22	3 21
S 20	19 45	22 5	2 1	25 18	2 27	25 38	3 6	23 44	0 46	16 4	0 34	19 3	0 45	15 39	0 43	16 51	0 3	19 20	3 33	23 13	23 8	22 32	3 21	3 21
M21	19 58	19 30	3 8	25 27	2 29	25 30	3 6	23 48	0 47	16 3	0 35	19 2	0 45	15 39	0 43	16 51	0 3	19 20	3 33	23 13	23 8	22 31	3 21	3 21
T 22	20 11	15 48	4 3	25 34	2 30	25 22	3 5	23 52	0 47	16 2	0 35	19 1	0 45	15 38	0 43	16 50	0 3	19 20	3 33	23 13	23 9	22 31	3 20	3 20
W23	20 23	11 17	4 43	25 41	2 31	25 13	3 5	23 55	0 48	16 2	0 35	19 0	0 45	15 38	0 43	16 50	0 3	19 20	3 33	23 13	23 9	22 31	3 20	3 20
T 24	20 36	6 17	5 6	25 46	2 32	25 3	3 4	23 58	0 48	16 2	0 35	18 59	0 45	15 37	0 43	16 50	0 3	19 20	3 33	23 13	23 9	22 30	3 19	3 20
F 25	20 47	1 4	5 12	25 49	2 32	24 53	3 3	24 1	0 49	16 1	0 35	18 58	0 45	15 37	0 42	16 50	0 3	19 21	3 33	23 13	23 9	22 30	3 18	3 20
S 26	20 59	4s 7	5 1	25 51	2 31	24 42	3 2	24 4	0 49	16 1	0 36	18 57	0 45	15 37	0 42	16 49	0 3	19 21	3 33	23 13	23 9	22 29	3 18	3 19
S 27	21 10	9 3	4 35	25 52	2 30	24 31	3 1	24 7	0 49	16 1	0 36	18 55	0 45	15 36	0 42	16 49	0 3	19 21	3 33	23 14	23 10	22 29	3 17	3 19
M28	21 20	13 30	3 55	25 52	2 28	24 19	2 59	24 9	0 50	16 1	0 36	18 54	0 45	15 36	0 42	16 49	0 3	19 21	3 33	23 14	23 10	22 29	3 17	3 19
T 29	21 31	17 18	3 4	25 50	2 25	24 7	2 58	24 11	0 50	16 0	0 36	18 53	0 45	15 35	0 42	16 48	0 3	19 21	3 33	23 14	23 10	22 28	3 16	3 19
W30	21s40	20s17	2n 6	25s46	2s21	23s54	2s56	24s13	0s51	16n 0	0n37	18s52	0s45	15s35	0s42	16s48	0s 3	19n21	3s33	23n14	23n10	22s28	3n16	3n18

Julian Day Number = 2513210.5, Delta T = 135.53 sec
Ecliptic obliquity = 23°25'01, Nutation = - 0°00'19, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°05'58, Lahiri = 26°12'59

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2168
geocentric

DECEMBER 2168 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 41 51	9♐20'27	25♐23	0♑53	26♑32	27♐11	18♌ 0	8♒29	19♒42	13♒31	11°R56	6°R48	8♋ 2	26♑21	0°R34	T 1
F 2	4 45 48	10°21'14	7♑22	1°47	27°31	27°56	18° 0	8°33	19°43	13°32	11♋55	6°D48	7°59	26°27	0♈33	F 2
S 3	4 49 44	11°22'02	19°14	2°35	28°31	28°42	18° 0	8°38	19°45	13°33	11°54	6♋48	7°56	26°34	0°33	S 3
S 4	4 53 41	12°22'52	1♒ 2	3°18	29°30	29°27	18°R 0	8°43	19°47	13°35	11°53	6°50	7°53	26°41	0°32	S 4
M 5	4 57 38	13°23'42	12°49	3°54	0♒28	0♑12	18° 0	8°48	19°49	13°36	11°52	6°52	7°49	26°47	0°32	M 5
T 6	5 1 34	14°24'33	24°39	4°23	1°26	0°57	18° 0	8°53	19°50	13°37	11°50	6°53	7°46	26°54	0°32	T 6
W 7	5 5 31	15°25'26	6♓38	4°44	2°24	1°42	17°59	8°58	19°52	13°39	11°49	6°54	7°43	27° 1	0°31	W 7
T 8	5 9 27	16°26'18	18°51	4°57	3°21	2°28	17°59	9° 4	19°54	13°40	11°48	6°R55	7°40	27° 7	0°31	T 8
F 9	5 13 24	17°27'12	1♈21	4°R59	4°17	3°13	17°58	9° 9	19°56	13°42	11°47	6°54	7°37	27°14	0°31	F 9
S 10	5 17 20	18°28'06	14°13	4°51	5°13	3°59	17°57	9°14	19°58	13°43	11°46	6°52	7°34	27°21	0°31	S 10
S 11	5 21 17	19°29'01	27°31	4°32	6° 8	4°44	17°55	9°20	20° 0	13°44	11°45	6°50	7°30	27°27	0°D31	S 11
M12	5 25 13	20°29'57	11♉16	4° 1	7° 3	5°30	17°54	9°25	20° 2	13°46	11°44	6°48	7°27	27°34	0°31	M12
T 13	5 29 10	21°30'54	25°27	3°20	7°57	6°15	17°52	9°31	20° 5	13°48	11°43	6°46	7°24	27°41	0°31	T 13
W14	5 33 7	22°31'51	10♊ 0	2°27	8°50	7° 1	17°50	9°36	20° 7	13°49	11°42	6°44	7°21	27°47	0°31	W14
T 15	5 37 3	23°32'49	24°51	1°24	9°43	7°46	17°48	9°42	20° 9	13°51	11°40	6°43	7°18	27°54	0°31	T 15
F 16	5 41 0	24°33'48	9♋51	0°13	10°35	8°32	17°46	9°48	20°11	13°52	11°39	6°D43	7°15	28° 1	0°32	F 16
S 17	5 44 56	25°34'48	24°52	28♐55	11°26	9°18	17°43	9°53	20°14	13°54	11°38	6°43	7°11	28° 7	0°32	S 17
S 18	5 48 53	26°35'49	9♌45	27°33	12°17	10° 4	17°40	9°59	20°16	13°56	11°37	6°44	7° 8	28°14	0°32	S 18
M19	5 52 49	27°36'50	24°24	26°10	13° 6	10°50	17°38	10° 5	20°18	13°57	11°36	6°45	7° 5	28°21	0°33	M19
T 20	5 56 46	28°37'53	8♍44	24°48	13°55	11°35	17°34	10°11	20°21	13°59	11°35	6°46	7° 2	28°27	0°33	T 20
W21	6 0 42	29°38'56	22°43	23°31	14°43	12°21	17°31	10°17	20°23	14° 1	11°33	6°46	6°59	28°34	0°34	W21
T 22	6 4 39	0♑40'00	6♎20	22°20	15°30	13° 7	17°28	10°23	20°26	14° 3	11°32	6°R46	6°55	28°40	0°34	T 22
F 23	6 8 36	1°41'05	19°36	21°18	16°16	13°53	17°24	10°29	20°28	14° 4	11°31	6°46	6°52	28°47	0°35	F 23
S 24	6 12 32	2°42'11	2♏34	20°26	17° 2	14°40	17°20	10°35	20°31	14° 6	11°30	6°45	6°49	28°54	0°36	S 24
S 25	6 16 29	3°43'18	15°15	19°44	17°46	15°26	17°16	10°42	20°34	14° 8	11°29	6°45	6°46	29° 0	0°36	S 25
M26	6 20 25	4°44'25	27°42	19°12	18°29	16°12	17°12	10°48	20°36	14°10	11°27	6°45	6°43	29° 7	0°37	M26
T 27	6 24 22	5°45'33	9♐57	18°52	19°11	16°58	17° 8	10°54	20°39	14°12	11°26	6°44	6°40	29°14	0°38	T 27
W28	6 28 18	6°46'42	22° 3	18°42	19°52	17°44	17° 3	11° 0	20°42	14°14	11°25	6°D44	6°36	29°20	0°39	W28
T 29	6 32 15	7°47'50	4♑ 2	18°D42	20°31	18°31	16°59	11° 7	20°44	14°15	11°24	6°R44	6°33	29°27	0°40	T 29
F 30	6 36 11	8°49'00	15°54	18°51	21°10	19°17	16°54	11°13	20°47	14°17	11°22	6°44	6°30	29°34	0°41	F 30
S 31	6 40 8	9♑50'09	27♑43	19♐ 8	21♒47	20♑ 3	16♌49	11♒20	20♒50	14♒19	11♋21	6♋44	6♋27	29♑40	0♈42	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s50	22s18	1n 2	25s42	2s17	23s40	2s54	24s14	0s51	16n 0	0n37	18s51	0s45	15s34	0s42	16s48	0s 3	19n21	3s33	23n15	23n10	22s27	3n15	3n18
F 2	21 59	23 16	0s 3	25 36	2 11	23 26	2 52	24 15	0 51	16 0	0 37	18 49	0 45	15 33	0 42	16 47	0 3	19 21	3 33	23 15	23 11	22 27	3 15	3 18
S 3	22 7	23 10	1 8	25 28	2 5	23 12	2 49	24 16	0 52	16 1	0 37	18 48	0 45	15 33	0 42	16 47	0 3	19 21	3 33	23 15	23 11	22 26	3 14	3 18
S 4	22 15	22 1	2 10	25 20	1 57	22 57	2 47	24 17	0 52	16 1	0 37	18 47	0 45	15 32	0 42	16 47	0 3	19 21	3 33	23 14	23 11	22 26	3 14	3 17
M 5	22 23	19 55	3 6	25 10	1 48	22 42	2 44	24 18	0 53	16 1	0 38	18 46	0 45	15 32	0 42	16 46	0 3	19 22	3 33	23 14	23 11	22 25	3 14	3 17
T 6	22 30	16 58	3 54	24 59	1 38	22 26	2 41	24 18	0 53	16 1	0 38	18 44	0 45	15 31	0 42	16 46	0 3	19 22	3 33	23 14	23 11	22 25	3 13	3 17
W 7	22 37	13 18	4 33	24 47	1 27	22 10	2 38	24 18	0 53	16 2	0 38	18 43	0 45	15 30	0 42	16 46	0 3	19 22	3 33	23 14	23 12	22 24	3 13	3 17
T 8	22 44	9 1	5 1	24 34	1 14	21 54	2 35	24 17	0 54	16 2	0 38	18 42	0 45	15 30	0 42	16 45	0 3	19 22	3 33	23 14	23 12	22 24	3 13	3 16
F 9	22 50	4 17	5 15	24 19	1 0	21 37	2 31	24 17	0 54	16 3	0 39	18 40	0 45	15 29	0 42	16 45	0 3	19 22	3 33	23 14	23 12	22 24	3 12	3 16
S 10	22 55	0n47	5 14	24 4	0 45	21 20	2 28	24 16	0 54	16 3	0 39	18 39	0 45	15 28	0 42	16 44	0 3	19 22	3 33	23 14	23 12	22 23	3 12	3 16
S 11	23 0	5 58	4 56	23 48	0 28	21 2	2 24	24 15	0 55	16 4	0 39	18 37	0 45	15 28	0 42	16 44	0 3	19 22	3 32	23 14	23 12	22 23	3 12	3 16
M12	23 5	11 3	4 21	23 31	0 10	20 44	2 19	24 13	0 55	16 5	0 39	18 36	0 45	15 27	0 42	16 44	0 3	19 22	3 32	23 15	23 12	22 22	3 12	3 15
T 13	23 9	15 43	3 29	23 13	0n 9	20 26	2 15	24 11	0 55	16 5	0 39	18 34	0 45	15 26	0 42	16 43	0 3	19 22	3 32	23 15	23 13	22 21	3 11	3 15
W14	23 12	19 34	2 23	22 55	0 29	20 8	2 10	24 10	0 56	16 6	0 40	18 33	0 45	15 26	0 42	16 43	0 3	19 23	3 32	23 15	23 13	22 21	3 11	3 15
T 15	23 16	22 14	1 5	22 35	0 49	19 49	2 6	24 7	0 56	16 7	0 40	18 32	0 45	15 25	0 42	16 42	0 3	19 23	3 32	23 15	23 13	22 20	3 11	3 15
F 16	23 18	23 20	0n17	22 16	1 9	19 30	2 0	24 5	0 56	16 8	0 40	18 30	0 45	15 24	0 42	16 42	0 3	19 23	3 32	23 15	23 13	22 20	3 11	3 14
S 17	23 21	22 46	1 39	21 56	1 29	19 11	1 55	24 2	0 57	16 9	0 40	18 28	0 45	15 23	0 42	16 41	0 3	19 23	3 32	23 15	23 13	22 19	3 11	3 14
S 18	23 22	20 35	2 53	21 36	1 47	18 51	1 50	23 59	0 57	16 10	0 41	18 27	0 45	15 23	0 42	16 41	0 3	19 23	3 32	23 15	23 13	22 19	3 11	3 14
M19	23 24	17 4	3 55	21 17	2 4	18 31	1 44	23 56	0 57	16 11	0 41	18 25	0 45	15 22	0 42	16 40	0 3	19 23	3 32	23 15	23 14	22 18	3 11	3 14
T 20	23 25	12 37	4 41	20 59	2 20	18 12	1 38	23 52	0 58	16 12	0 41	18 24	0 45	15 21	0 42	16 40	0 3	19 23	3 32	23 15	23 14	22 18	3 11	3 13
W21	23 25	7 37	5 8	20 43	2 32	17 52	1 31	23 48	0 58	16 13	0 41	18 22	0 45	15 20	0 42	16 39	0 3	19 23	3 32	23 15	23 14	22 17	3 11	3 13
T 22	23 25	2 21	5 18	20 29	2 43	17 31	1 25	23 44	0 58	16 15	0 41	18 21	0 45	15 19	0 42	16 39	0 3	19 24	3 32	23 15	23 14	22 17	3 11	3 13
F 23	23 24	2s53	5 10	20 17	2 51	17 11	1 18	23 40	0 58	16 16	0 42	18 19	0 45	15 19	0 42	16 38	0 3	19 24	3 32	23 15	23 14	22 16	3 11	3 13
S 24	23 23	7 52	4 46	20 8	2 57	16 51	1 11	23 35	0 59	16 17	0 42	18 17	0 45	15 18	0 42	16 38	0 3	19 24	3 32	23 15	23 14	22 15	3 11	3 12
S 25	23 22	12 25	4 9	20 1	3 0	16 30	1 3	23 30	0 59	16 19	0 42	18 16	0 45	15 17	0 42	16 37	0 3	19 24	3 32	23 15	23 15	22 15	3 11	3 12
M26	23 20	16 22	3 21	19 58	3 2	16 9	0 56	23 25	0 59	16 20	0 42	18 14	0 45	15 16	0 42	16 37	0 3	19 24	3 32	23 15	23 15	22 14	3 11	3 12
T 27	23 18	19 33	2 24	19 56	3 1	15 49	0 48	23 20	1 0	16 22	0 43	18 12	0 45	15 15	0 42	16 36	0 3	19 24	3 32	23 15	23 15	22 14	3 11	3 12
W28	23 15	21 50	1 21	19 57	2 59	15 28	0 39	23 14	1 0	16 23	0 43	18 11	0 45	15 14	0 42	16 36	0 3	19 25	3 32	23 15	23 15	22 13	3 11	3 11
T 29	23 11	23 6	0 15	20 1	2 56	15 8	0 31	23 8	1 0	16 25	0 43	18 9	0 45	15 13	0 42	16 35	0 3	19 25	3 32	23 15	23 15	22 13	3 11	3 11
F 30	23 7	23 19	0s51	20 6	2 51	14 47	0 22	23 2	1 0	16 27	0 43	18 7	0 45	15 13	0 42	16 35	0 3	19 25	3 32	23 15	23 15	22 12	3 12	3 11
S 31	23s 3	22s28	1s54	20s13	2n46	14s26	0s13	22s55	1s 1	16n28	0n43	18s 5	0s45	15s12	0s42	16s34	0s 3	19n25	3s32	23n15	23n16	22s11	3n12	3n11

Julian Day Number = 2513240.5, Delta T = 135.60 sec
Ecliptic obliquity = 23°25'01, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°06'03, Lahiri = 26°13'03

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2169
geocentric

JANUARY 2169 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 44 5	10♑51'19	9♒31	19♐33	22♒22	20♑50	16°R43	11♒26	20♒53	14♒21	11°R20	6°R44	6♋24	29♑47	0♈43	S 1
M 2	6 48 1	11°52'28	21°19	20° 5	22°57	21°36	16♌38	11°33	20°56	14°23	11♋19	6♋43	6°21	29°54	0°44	M 2
T 3	6 51 58	12°53'38	3♓12	20°43	23°30	22°23	16°33	11°39	20°59	14°25	11°17	6°42	6°17	0♒ 0	0°46	T 3
W 4	6 55 54	13°54'47	15°12	21°27	24° 1	23° 9	16°27	11°46	21° 1	14°27	11°16	6°41	6°14	0° 7	0°47	W 4
T 5	6 59 51	14°55'56	27°23	22°15	24°31	23°56	16°21	11°53	21° 4	14°29	11°15	6°41	6°11	0°14	0°48	T 5
F 6	7 3 47	15°57'05	9♈49	23° 8	24°59	24°43	16°15	11°59	21° 7	14°31	11°14	6°40	6° 8	0°20	0°50	F 6
S 7	7 7 44	16°58'14	22°35	24° 5	25°25	25°29	16° 9	12° 6	21°10	14°33	11°13	6°D40	6° 5	0°27	0°51	S 7
S 8	7 11 40	17°59'22	5♉43	25° 5	25°50	26°16	16° 3	12°13	21°13	14°36	11°11	6°41	6° 1	0°34	0°53	S 8
M 9	7 15 37	19° 0'30	19°18	26° 9	26°13	27° 3	15°56	12°19	21°16	14°38	11°10	6°42	5°58	0°40	0°54	M 9
T 10	7 19 34	20° 1'38	3♊20	27°15	26°34	27°49	15°50	12°26	21°20	14°40	11° 9	6°43	5°55	0°47	0°56	T 10
W11	7 23 30	21° 2'45	17°48	28°24	26°52	28°36	15°43	12°33	21°23	14°42	11° 8	6°44	5°52	0°54	0°57	W11
T 12	7 27 27	22° 3'52	2♋39	29°35	27° 9	29°23	15°37	12°40	21°26	14°44	11° 6	6°R44	5°49	1° 0	0°59	T 12
F 13	7 31 23	23° 4'59	17°47	0♑47	27°24	0♒10	15°30	12°47	21°29	14°46	11° 5	6°44	5°46	1° 7	1° 1	F 13
S 14	7 35 20	24° 6'05	3♌ 3	2° 2	27°37	0°56	15°23	12°54	21°32	14°48	11° 4	6°43	5°42	1°14	1° 3	S 14
S 15	7 39 16	25° 7'12	18°16	3°18	27°47	1°43	15°16	13° 1	21°35	14°50	11° 3	6°41	5°39	1°20	1° 5	S 15
M16	7 43 13	26° 8'17	3♍16	4°36	27°55	2°30	15° 8	13° 8	21°38	14°53	11° 2	6°38	5°36	1°27	1° 7	M16
T 17	7 47 10	27° 9'23	17°56	5°55	28° 1	3°17	15° 1	13°15	21°42	14°55	11° 1	6°36	5°33	1°34	1° 8	T 17
W18	7 51 6	28°10'28	2♎10	7°15	28° 4	4° 4	14°54	13°22	21°45	14°57	10°59	6°33	5°30	1°40	1°10	W18
T 19	7 55 3	29°11'33	15°57	8°37	28°R 5	4°51	14°46	13°29	21°48	14°59	10°58	6°32	5°27	1°47	1°13	T 19
F 20	7 58 59	0♒12'38	29°17	9°59	28° 3	5°38	14°39	13°36	21°52	15° 1	10°57	6°D31	5°23	1°54	1°15	F 20
S 21	8 2 56	1°13'43	12♏12	11°23	27°59	6°25	14°31	13°43	21°55	15° 4	10°56	6°31	5°20	2° 0	1°17	S 21
S 22	8 6 52	2°14'48	24°45	12°47	27°52	7°12	14°24	13°50	21°58	15° 6	10°55	6°33	5°17	2° 7	1°19	S 22
M23	8 10 49	3°15'52	7♐ 2	14°12	27°43	7°59	14°16	13°57	22° 1	15° 8	10°54	6°34	5°14	2°14	1°21	M23
T 24	8 14 45	4°16'56	19° 7	15°38	27°32	8°47	14° 8	14° 4	22° 5	15°10	10°52	6°36	5°11	2°20	1°23	T 24
W25	8 18 42	5°17'59	1♑ 2	17° 5	27°18	9°34	14° 0	14°11	22° 8	15°13	10°51	6°R37	5° 7	2°27	1°26	W25
T 26	8 22 39	6°19'02	12°53	18°33	27° 1	10°21	13°53	14°19	22°12	15°15	10°50	6°37	5° 4	2°34	1°28	T 26
F 27	8 26 35	7°20'04	24°41	20° 1	26°42	11° 8	13°45	14°26	22°15	15°17	10°49	6°36	5° 1	2°40	1°31	F 27
S 28	8 30 32	8°21'05	6♒28	21°30	26°21	11°55	13°37	14°33	22°18	15°19	10°48	6°32	4°58	2°47	1°33	S 28
S 29	8 34 28	9°22'06	18°18	23° 0	25°57	12°42	13°29	14°40	22°22	15°22	10°47	6°28	4°55	2°54	1°35	S 29
M30	8 38 25	10°23'05	0♓12	24°31	25°32	13°30	13°21	14°47	22°25	15°24	10°46	6°21	4°52	3° 0	1°38	M30
T 31	8 42 21	11♒24'04	12♓11	26♑ 2	25♒ 4	14♒17	13♌13	14♒54	22♒29	15♒26	10♋45	6♋15	4♋48	3♒ 7	1♈41	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s58	20s37	2s52	20s22	2n39	14s 6	0s 4	22s48	1s 1	16n30	0n44	18s 4	0s45	15s11	0s42	16s34	0s 3	19n25	3s32	23n15	23n16	22s11	3n12	3n11
M 2	22 53	17 54	3 43	20 31	2 32	13 45	0n 6	22 41	1 1	16 32	0 44	18 2	0 45	15 10	0 41	16 33	0 3	19 25	3 32	23 15	23 16	22 10	3 12	3 10
T 3	22 48	14 26	4 25	20 41	2 25	13 25	0 16	22 34	1 1	16 34	0 44	18 0	0 45	15 9	0 41	16 32	0 3	19 25	3 32	23 15	23 16	22 9	3 13	3 10
W 4	22 41	10 22	4 56	20 52	2 17	13 5	0 27	22 27	1 1	16 36	0 44	17 58	0 45	15 8	0 41	16 32	0 3	19 26	3 31	23 15	23 16	22 9	3 13	3 10
T 5	22 35	5 50	5 13	21 3	2 8	12 45	0 37	22 19	1 2	16 38	0 44	17 56	0 45	15 7	0 41	16 31	0 3	19 26	3 31	23 15	23 16	22 8	3 13	3 10
F 6	22 28	0 59	5 17	21 15	2 0	12 26	0 48	22 11	1 2	16 40	0 45	17 55	0 46	15 6	0 41	16 31	0 3	19 26	3 31	23 15	23 17	22 7	3 13	3 9
S 7	22 20	4n 3	5 5	21 26	1 51	12 6	0 59	22 2	1 2	16 42	0 45	17 53	0 46	15 5	0 41	16 30	0 3	19 26	3 31	23 15	23 17	22 7	3 14	3 9
S 8	22 13	9 3	4 38	21 38	1 42	11 47	1 11	21 54	1 2	16 44	0 45	17 51	0 46	15 4	0 41	16 29	0 3	19 26	3 31	23 15	23 17	22 6	3 14	3 9
M 9	22 4	13 47	3 54	21 49	1 33	11 28	1 23	21 45	1 2	16 46	0 45	17 49	0 46	15 3	0 41	16 29	0 3	19 26	3 31	23 15	23 17	22 5	3 15	3 9
T 10	21 55	17 56	2 55	21 59	1 24	11 10	1 35	21 36	1 3	16 48	0 45	17 47	0 46	15 2	0 41	16 28	0 3	19 27	3 31	23 15	23 17	22 5	3 15	3 8
W11	21 46	21 9	1 43	22 10	1 15	10 51	1 48	21 27	1 3	16 50	0 45	17 45	0 46	15 1	0 41	16 28	0 3	19 27	3 31	23 15	23 17	22 4	3 16	3 8
T 12	21 37	23 1	0 23	22 19	1 6	10 34	2 0	21 17	1 3	16 52	0 46	17 43	0 46	15 0	0 41	16 27	0 3	19 27	3 31	23 15	23 17	22 3	3 16	3 8
F 13	21 27	23 14	1n 1	22 28	0 57	10 16	2 13	21 7	1 3	16 54	0 46	17 41	0 46	14 59	0 41	16 26	0 3	19 27	3 31	23 15	23 18	22 3	3 16	3 8
S 14	21 16	21 44	2 21	22 36	0 48	10 0	2 27	20 57	1 3	16 57	0 46	17 40	0 46	14 58	0 41	16 26	0 3	19 27	3 31	23 15	23 18	22 2	3 17	3 8
S 15	21 5	18 40	3 30	22 43	0 39	9 43	2 40	20 47	1 3	16 59	0 46	17 38	0 46	14 57	0 41	16 25	0 3	19 27	3 31	23 15	23 18	22 1	3 18	3 7
M16	20 54	14 24	4 24	22 50	0 31	9 28	2 54	20 37	1 4	17 1	0 46	17 36	0 46	14 56	0 41	16 25	0 3	19 28	3 31	23 15	23 18	22 1	3 18	3 7
T 17	20 42	9 21	4 59	22 55	0 22	9 13	3 8	20 26	1 4	17 3	0 47	17 34	0 46	14 55	0 41	16 24	0 3	19 28	3 31	23 15	23 18	22 0	3 19	3 7
W18	20 30	3 57	5 15	22 59	0 14	8 58	3 22	20 15	1 4	17 6	0 47	17 32	0 46	14 54	0 41	16 23	0 3	19 28	3 30	23 15	23 18	21 59	3 19	3 7
T 19	20 18	1s29	5 11	23 3	0 6	8 44	3 37	20 4	1 4	17 8	0 47	17 30	0 46	14 53	0 41	16 23	0 3	19 28	3 30	23 15	23 18	21 58	3 20	3 6
F 20	20 5	6 40	4 51	23 5	0s 2	8 31	3 51	19 53	1 4	17 10	0 47	17 28	0 46	14 52	0 41	16 22	0 3	19 28	3 30	23 15	23 18	21 58	3 21	3 6
S 21	19 52	11 24	4 17	23 6	0 10	8 19	4 6	19 41	1 4	17 13	0 47	17 26	0 46	14 50	0 41	16 21	0 3	19 29	3 30	23 15	23 19	21 57	3 21	3 6
S 22	19 38	15 32	3 31	23 6	0 18	8 7	4 21	19 29	1 4	17 15	0 47	17 24	0 46	14 49	0 41	16 21	0 3	19 29	3 30	23 15	23 19	21 56	3 22	3 6
M23	19 25	18 54	2 36	23 5	0 25	7 56	4 36	19 17	1 4	17 18	0 48	17 22	0 46	14 48	0 41	16 20	0 3	19 29	3 30	23 15	23 19	21 56	3 23	3 6
T 24	19 10	21 24	1 35	23 3	0 33	7 46	4 50	19 5	1 4	17 20	0 48	17 20	0 46	14 47	0 41	16 19	0 3	19 29	3 30	23 15	23 19	21 55	3 23	3 5
W25	18 56	22 54	0 31	22 59	0 40	7 37	5 5	18 53	1 4	17 22	0 48	17 18	0 46	14 46	0 41	16 19	0 3	19 29	3 30	23 15	23 19	21 54	3 24	3 5
T 26	18 41	23 22	0s34	22 54	0 47	7 29	5 20	18 40	1 5	17 25	0 48	17 16	0 46	14 45	0 41	16 18	0 3	19 29	3 30	23 15	23 19	21 53	3 25	3 5
F 27	18 25	22 46	1 37	22 48	0 53	7 21	5 34	18 27	1 5	17 27	0 48	17 14	0 47	14 44	0 41	16 17	0 3	19 30	3 30	23 15	23 19	21 52	3 26	3 5
S 28	18 10	21 9	2 36	22 41	1 0	7 15	5 49	18 14	1 5	17 30	0 48	17 12	0 47	14 43	0 41	16 17	0 3	19 30	3 30	23 15	23 19	21 52	3 26	3 5
S 29	17 54	18 38	3 28	22 32	1 6	7 10	6 3	18 1	1 5	17 32	0 48	17 10	0 47	14 42	0 41	16 16	0 3	19 30	3 29	23 16	23 20	21 51	3 27	3 4
M30	17 37	15 19	4 12	22 22	1 12	7 5	6 16	17 47	1 5	17 34	0 48	17 8	0 47	14 41	0 41	16 16	0 3	19 30	3 29	23 16	23 20	21 50	3 28	3 4
T 31	17s21	11s21	4s44	22s11	1s17	7s 2	6n29	17s34	1s 5	17n37	0n49	17s 6	0s47	14s39	0s41	16s15	0s 3	19n30	3s29	23n16	23n20	21s49	3n29	3n 4

Julian Day Number = 2513271.5, Delta T = 135.67 sec
Ecliptic obliquity = 23°25'01, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°06'07, Lahiri = 26°13'07

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2169
geocentric

FEBRUARY 2169 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 46 18	12♒25'02	24♓18	27♑34	24°R34	15♒ 4	13°R 5	15♒ 2	22♒32	15♒28	10°R44	6°R 8	4♋45	3♒14	1♈43	W 1
T 2	8 50 14	13°25'58	6♈34	29° 6	24♒ 3	15°52	12♌57	15° 9	22°35	15°31	10♋43	6♋ 2	4°42	3°20	1°46	T 2
F 3	8 54 11	14°26'53	19° 3	0♒39	23°30	16°39	12°49	15°16	22°39	15°33	10°42	5°57	4°39	3°27	1°49	F 3
S 4	8 58 8	15°27'47	1♉47	2°13	22°56	17°26	12°41	15°23	22°42	15°35	10°41	5°54	4°36	3°34	1°51	S 4
S 5	9 2 4	16°28'40	14°49	3°48	22°21	18°13	12°33	15°30	22°46	15°38	10°40	5°D53	4°33	3°40	1°54	S 5
M 6	9 6 1	17°29'31	28°12	5°23	21°45	19° 1	12°25	15°38	22°49	15°40	10°39	5°54	4°29	3°47	1°57	M 6
T 7	9 9 57	18°30'21	12♊ 0	7° 0	21° 8	19°48	12°17	15°45	22°53	15°42	10°38	5°55	4°26	3°53	2° 0	T 7
W 8	9 13 54	19°31'09	26°12	8°36	20°31	20°36	12° 9	15°52	22°56	15°44	10°37	5°56	4°23	4° 0	2° 2	W 8
T 9	9 17 50	20°31'57	10♋49	10°14	19°53	21°23	12° 1	15°59	23° 0	15°47	10°36	5°R57	4°20	4° 7	2° 5	T 9
F 10	9 21 47	21°32'42	25°45	11°52	19°16	22°10	11°53	16° 6	23° 3	15°49	10°35	5°55	4°17	4°13	2° 8	F 10
S 11	9 25 43	22°33'27	10♌55	13°32	18°39	22°58	11°45	16°13	23° 7	15°51	10°34	5°51	4°13	4°20	2°11	S 11
S 12	9 29 40	23°34'10	26°10	15°11	18° 3	23°45	11°38	16°21	23°10	15°54	10°34	5°45	4°10	4°27	2°14	S 12
M13	9 33 37	24°34'51	11♍18	16°52	17°28	24°32	11°30	16°28	23°14	15°56	10°33	5°38	4° 7	4°33	2°17	M13
T 14	9 37 33	25°35'31	26° 9	18°34	16°54	25°20	11°22	16°35	23°17	15°58	10°32	5°30	4° 4	4°40	2°20	T 14
W15	9 41 30	26°36'10	10♎37	20°16	16°21	26° 7	11°15	16°42	23°21	16° 0	10°31	5°22	4° 1	4°47	2°23	W15
T 16	9 45 26	27°36'48	24°36	21°59	15°50	26°55	11° 7	16°49	23°24	16° 3	10°30	5°16	3°58	4°53	2°26	T 16
F 17	9 49 23	28°37'25	8♏ 4	23°43	15°20	27°42	11° 0	16°56	23°28	16° 5	10°29	5°12	3°54	5° 0	2°30	F 17
S 18	9 53 19	29°38'01	21° 5	25°28	14°53	28°29	10°53	17° 3	23°31	16° 7	10°29	5° 9	3°51	5° 7	2°33	S 18
S 19	9 57 16	0♓38'35	3♐40	27°14	14°27	29°17	10°46	17°10	23°34	16° 9	10°28	5°D 9	3°48	5°13	2°36	S 19
M20	10 1 12	1°39'09	15°56	29° 1	14° 4	0♓ 4	10°39	17°17	23°38	16°11	10°27	5°10	3°45	5°20	2°39	M20
T 21	10 5 9	2°39'41	27°57	0♓49	13°43	0°52	10°32	17°24	23°41	16°14	10°27	5°11	3°42	5°27	2°42	T 21
W22	10 9 6	3°40'12	9♑49	2°37	13°24	1°39	10°25	17°31	23°45	16°16	10°26	5°R11	3°39	5°33	2°46	W22
T 23	10 13 2	4°40'41	21°36	4°27	13° 8	2°27	10°18	17°38	23°48	16°18	10°25	5° 9	3°35	5°40	2°49	T 23
F 24	10 16 59	5°41'09	3♒23	6°17	12°54	3°14	10°11	17°45	23°52	16°20	10°25	5° 5	3°32	5°47	2°52	F 24
S 25	10 20 55	6°41'36	15°12	8° 8	12°43	4° 1	10° 5	17°52	23°55	16°22	10°24	4°58	3°29	5°53	2°56	S 25
S 26	10 24 52	7°42'01	27° 7	10° 0	12°34	4°49	9°59	17°59	23°59	16°25	10°23	4°49	3°26	6° 0	2°59	S 26
M27	10 28 48	8°42'25	9♓ 9	11°52	12°28	5°36	9°52	18° 6	24° 2	16°27	10°23	4°38	3°23	6° 7	3° 2	M27
T 28	10 32 45	9♓42'46	21♓19	13♓45	12♒24	6♓24	9♌46	18♒13	24♒ 5	16♒29	10♋22	4♋25	3♋19	6♒13	3♈ 6	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17s 4	6s55	5s 4	21s59	1s23	6s59	6n42	17s20	1s 5	17n39	0n49	17s 4	0s47	14s38	0s41	16s14	0s 3	19n30	3s29	23n17	23n20	21s48	3n30	3n 4
T 2	16 46	2 9	5 11	21 45	1 28	6 58	6 55	17 6	1 5	17 42	0 49	17 2	0 47	14 37	0 41	16 14	0 3	19 31	3 29	23 17	23 20	21 48	3 31	3 4
F 3	16 29	2n47	5 3	21 30	1 33	6 57	7 6	16 52	1 5	17 44	0 49	16 59	0 47	14 36	0 41	16 13	0 3	19 31	3 29	23 17	23 20	21 47	3 31	3 3
S 4	16 11	7 42	4 40	21 13	1 37	6 58	7 17	16 37	1 5	17 46	0 49	16 57	0 47	14 35	0 41	16 12	0 3	19 31	3 29	23 17	23 20	21 46	3 32	3 3
S 5	15 53	12 24	4 2	20 55	1 41	6 59	7 27	16 23	1 5	17 49	0 49	16 55	0 47	14 34	0 41	16 12	0 3	19 31	3 29	23 17	23 20	21 45	3 33	3 3
M 6	15 35	16 39	3 10	20 36	1 45	7 1	7 37	16 8	1 5	17 51	0 49	16 53	0 47	14 33	0 41	16 11	0 3	19 31	3 29	23 17	23 20	21 44	3 34	3 3
T 7	15 16	20 7	2 6	20 16	1 49	7 5	7 46	15 53	1 5	17 53	0 49	16 51	0 47	14 32	0 41	16 10	0 4	19 32	3 29	23 17	23 21	21 44	3 35	3 3
W 8	14 57	22 29	0 53	19 54	1 52	7 9	7 53	15 38	1 5	17 56	0 49	16 49	0 47	14 30	0 41	16 10	0 4	19 32	3 28	23 17	23 21	21 43	3 36	3 3
T 9	14 38	23 25	0n26	19 31	1 55	7 13	8 0	15 23	1 5	17 58	0 50	16 47	0 47	14 29	0 41	16 9	0 4	19 32	3 28	23 17	23 21	21 42	3 37	3 2
F 10	14 19	22 42	1 45	19 6	1 58	7 19	8 6	15 8	1 5	18 0	0 50	16 45	0 47	14 28	0 41	16 8	0 4	19 32	3 28	23 17	23 21	21 41	3 38	3 2
S 11	13 59	20 19	2 58	18 40	2 0	7 25	8 11	14 52	1 5	18 2	0 50	16 43	0 48	14 27	0 41	16 8	0 4	19 32	3 28	23 17	23 21	21 40	3 39	3 2
S 12	13 39	16 30	3 58	18 13	2 2	7 32	8 16	14 37	1 5	18 5	0 50	16 41	0 48	14 26	0 41	16 7	0 4	19 32	3 28	23 18	23 21	21 39	3 40	3 2
M13	13 19	11 38	4 40	17 44	2 4	7 39	8 19	14 21	1 5	18 7	0 50	16 39	0 48	14 25	0 41	16 6	0 4	19 33	3 28	23 18	23 21	21 38	3 41	3 2
T 14	12 59	6 10	5 3	17 14	2 5	7 47	8 21	14 5	1 5	18 9	0 50	16 37	0 48	14 24	0 41	16 6	0 4	19 33	3 28	23 18	23 21	21 38	3 42	3 1
W15	12 38	0 30	5 6	16 42	2 6	7 55	8 22	13 49	1 5	18 11	0 50	16 35	0 48	14 22	0 41	16 5	0 4	19 33	3 28	23 18	23 21	21 37	3 43	3 1
T 16	12 17	5s 1	4 50	16 9	2 6	8 4	8 22	13 32	1 4	18 13	0 50	16 33	0 48	14 21	0 41	16 4	0 4	19 33	3 28	23 19	23 21	21 36	3 44	3 1
F 17	11 57	10 6	4 19	15 35	2 6	8 13	8 22	13 16	1 4	18 15	0 50	16 30	0 48	14 20	0 41	16 4	0 4	19 33	3 27	23 19	23 22	21 35	3 46	3 1
S 18	11 35	14 34	3 34	14 59	2 6	8 22	8 21	13 0	1 4	18 17	0 50	16 28	0 48	14 19	0 41	16 3	0 4	19 34	3 27	23 19	23 22	21 34	3 47	3 1
S 19	11 14	18 14	2 41	14 22	2 5	8 31	8 18	12 43	1 4	18 19	0 50	16 26	0 48	14 18	0 41	16 2	0 4	19 34	3 27	23 19	23 22	21 33	3 48	3 1
M20	10 53	21 0	1 42	13 44	2 3	8 40	8 15	12 26	1 4	18 21	0 50	16 24	0 48	14 17	0 41	16 2	0 4	19 34	3 27	23 19	23 22	21 32	3 49	3 1
T 21	10 31	22 45	0 39	13 4	2 1	8 50	8 12	12 9	1 4	18 23	0 50	16 22	0 48	14 16	0 41	16 1	0 4	19 34	3 27	23 19	23 22	21 31	3 50	3 0
W22	10 9	23 28	0s25	12 23	1 59	8 59	8 7	11 52	1 4	18 25	0 50	16 20	0 48	14 14	0 41	16 0	0 4	19 34	3 27	23 19	23 22	21 30	3 51	3 0
T 23	9 47	23 7	1 27	11 41	1 56	9 8	8 2	11 35	1 4	18 27	0 50	16 18	0 49	14 13	0 41	16 0	0 4	19 34	3 27	23 19	23 22	21 29	3 52	3 0
F 24	9 25	21 44	2 25	10 57	1 53	9 17	7 57	11 18	1 4	18 29	0 50	16 16	0 49	14 12	0 41	15 59	0 4	19 35	3 27	23 19	23 22	21 28	3 54	3 0
S 25	9 3	19 24	3 17	10 12	1 49	9 26	7 51	11 1	1 3	18 31	0 50	16 14	0 49	14 11	0 41	15 58	0 4	19 35	3 26	23 19	23 22	21 28	3 55	3 0
S 26	8 40	16 13	4 0	9 26	1 45	9 35	7 44	10 43	1 3	18 33	0 50	16 12	0 49	14 10	0 41	15 58	0 4	19 35	3 26	23 20	23 22	21 27	3 56	3 0
M27	8 18	12 21	4 33	8 38	1 40	9 44	7 37	10 26	1 3	18 34	0 51	16 10	0 49	14 9	0 41	15 57	0 4	19 35	3 26	23 20	23 22	21 26	3 57	3 0
T 28	7s55	7s57	4s55	7s50	1s34	9s52	7n30	10s 8	1s 3	18n36	0n51	16s 8	0s49	14s 8	0s41	15s57	0s 4	19n35	3s26	23n21	23n23	21s25	3n58	2n59

Julian Day Number = 2513302.5, Delta T = 135.73 sec
Ecliptic obliquity = 23°25'02, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°06'11, Lahiri = 26°13'12

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2169
geocentric

MARCH 2169 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 36 41	10♓43'06	3♈39	15♓39	12°D22	7♓11	9°R40	18♒20	24♒ 9	16♒31	10°R22	4°R12	3♋16	6♒20	3♈ 9	W 1
T 2	10 40 38	11°43'24	16° 8	17°33	12♒23	7°59	9♌34	18°27	24°12	16°33	10♋21	4♋ 1	3°13	6°27	3°13	T 2
F 3	10 44 34	12°43'41	28°48	19°28	12°26	8°46	9°29	18°34	24°15	16°35	10°21	3°51	3°10	6°33	3°16	F 3
S 4	10 48 31	13°43'55	11♉40	21°23	12°32	9°33	9°23	18°40	24°19	16°37	10°20	3°44	3° 7	6°40	3°19	S 4
S 5	10 52 28	14°44'07	24°46	23°17	12°40	10°21	9°18	18°47	24°22	16°39	10°20	3°40	3° 4	6°47	3°23	S 5
M 6	10 56 24	15°44'18	8♊ 8	25°12	12°50	11° 8	9°12	18°54	24°25	16°41	10°19	3°39	3° 0	6°53	3°26	M 6
T 7	11 0 21	16°44'26	21°47	27° 6	13° 2	11°55	9° 7	19° 0	24°29	16°43	10°19	3°D39	2°57	7° 0	3°30	T 7
W 8	11 4 17	17°44'32	5♋45	28°59	13°17	12°43	9° 2	19° 7	24°32	16°45	10°19	3°R39	2°54	7° 7	3°33	W 8
T 9	11 8 14	18°44'36	20° 2	0♈51	13°33	13°30	8°58	19°14	24°35	16°48	10°18	3°38	2°51	7°13	3°37	T 9
F 10	11 12 10	19°44'38	4♌38	2°42	13°51	14°17	8°53	19°20	24°38	16°50	10°18	3°35	2°48	7°20	3°41	F 10
S 11	11 16 7	20°44'38	19°28	4°30	14°11	15° 5	8°49	19°27	24°42	16°51	10°18	3°29	2°44	7°27	3°44	S 11
S 12	11 20 3	21°44'36	4♍25	6°16	14°34	15°52	8°45	19°33	24°45	16°53	10°17	3°21	2°41	7°33	3°48	S 12
M13	11 24 0	22°44'31	19°21	8° 0	14°57	16°39	8°40	19°40	24°48	16°55	10°17	3°10	2°38	7°40	3°51	M13
T 14	11 27 57	23°44'25	4♎ 6	9°40	15°23	17°26	8°37	19°46	24°51	16°57	10°17	2°58	2°35	7°47	3°55	T 14
W15	11 31 53	24°44'17	18°33	11°16	15°50	18°14	8°33	19°52	24°54	16°59	10°17	2°47	2°32	7°54	3°58	W15
T 16	11 35 50	25°44'07	2♏34	12°48	16°19	19° 1	8°29	19°59	24°57	17° 1	10°16	2°37	2°29	8° 0	4° 2	T 16
F 17	11 39 46	26°43'55	16° 8	14°15	16°50	19°48	8°26	20° 5	25° 1	17° 3	10°16	2°29	2°25	8° 7	4° 6	F 17
S 18	11 43 43	27°43'42	29°14	15°37	17°22	20°35	8°23	20°11	25° 4	17° 5	10°16	2°25	2°22	8°14	4° 9	S 18
S 19	11 47 39	28°43'27	11♐54	16°52	17°55	21°22	8°20	20°17	25° 7	17° 7	10°16	2°22	2°19	8°20	4°13	S 19
M20	11 51 36	29°43'10	24°14	18° 2	18°30	22°10	8°17	20°24	25°10	17° 8	10°16	2°21	2°16	8°27	4°17	M20
T 21	11 55 32	0♈42'51	6♑17	19° 5	19° 6	22°57	8°14	20°30	25°13	17°10	10°16	2°21	2°13	8°34	4°20	T 21
W22	11 59 29	1°42'31	18°10	20° 1	19°43	23°44	8°12	20°36	25°16	17°12	10°16	2°21	2°10	8°40	4°24	W22
T 23	12 3 26	2°42'09	29°58	20°49	20°22	24°31	8°10	20°42	25°19	17°14	10°16	2°19	2° 6	8°47	4°27	T 23
F 24	12 7 22	3°41'46	11♒46	21°30	21° 1	25°18	8° 8	20°48	25°21	17°15	10°D16	2°14	2° 3	8°54	4°31	F 24
S 25	12 11 19	4°41'20	23°38	22° 4	21°42	26° 5	8° 6	20°53	25°24	17°17	10°16	2° 7	2° 0	9° 0	4°35	S 25
S 26	12 15 15	5°40'53	5♓39	22°29	22°24	26°52	8° 4	20°59	25°27	17°19	10°16	1°57	1°57	9° 7	4°38	S 26
M27	12 19 12	6°40'23	17°50	22°47	23° 7	27°39	8° 3	21° 5	25°30	17°20	10°16	1°44	1°54	9°14	4°42	M27
T 28	12 23 8	7°39'52	0♈13	22°56	23°51	28°26	8° 1	21°11	25°33	17°22	10°16	1°31	1°50	9°20	4°46	T 28
W29	12 27 5	8°39'19	12°48	22°R58	24°36	29°13	8° 0	21°16	25°36	17°24	10°16	1°17	1°47	9°27	4°49	W29
T 30	12 31 1	9°38'44	25°35	22°52	25°22	29°59	7°59	21°22	25°38	17°25	10°16	1° 4	1°44	9°34	4°53	T 30
F 31	12 34 58	10♈38'06	8♉35	22♈40	26♒ 8	0♈47	7♌59	21♒27	25♒41	17♒27	10♋16	0♋53	1♋41	9♒40	4♈56	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	7s32	3s11	5s 2	7s 0	1s28	10s 0	7n22	9s50	1s 3	18n38	0n51	16s 6	0s49	14s 7	0s41	15s56	0s 4	19n35	3s26	23n21	23n23	21s24	4n 0	2n59
T 2	7 10	1n47	4 56	6 9	1 21	10 7	7 14	9 32	1 3	18 39	0 51	16 4	0 49	14 6	0 41	15 55	0 4	19 36	3 26	23 21	23 23	21 23	4 1	2 59
F 3	6 47	6 45	4 35	5 18	1 14	10 14	7 5	9 14	1 2	18 41	0 51	16 2	0 49	14 4	0 41	15 55	0 4	19 36	3 26	23 22	23 23	21 22	4 2	2 59
S 4	6 24	11 31	3 59	4 25	1 6	10 21	6 57	8 56	1 2	18 42	0 51	16 0	0 49	14 3	0 41	15 54	0 4	19 36	3 26	23 22	23 23	21 21	4 3	2 59
S 5	6 0	15 51	3 11	3 32	0 57	10 28	6 48	8 38	1 2	18 44	0 51	15 58	0 49	14 2	0 41	15 53	0 4	19 36	3 25	23 22	23 23	21 20	4 5	2 59
M 6	5 37	19 29	2 11	2 38	0 48	10 34	6 39	8 20	1 2	18 45	0 51	15 56	0 50	14 1	0 41	15 53	0 4	19 36	3 25	23 22	23 23	21 19	4 6	2 59
T 7	5 14	22 7	1 3	1 44	0 38	10 39	6 30	8 2	1 2	18 46	0 51	15 54	0 50	14 0	0 41	15 52	0 4	19 36	3 25	23 22	23 23	21 18	4 7	2 59
W 8	4 50	23 29	0n11	0 50	0 28	10 44	6 20	7 44	1 1	18 48	0 51	15 52	0 50	13 59	0 41	15 52	0 4	19 37	3 25	23 22	23 23	21 17	4 9	2 59
T 9	4 27	23 20	1 26	0n 5	0 17	10 49	6 11	7 25	1 1	18 49	0 51	15 50	0 50	13 58	0 41	15 51	0 4	19 37	3 25	23 22	23 23	21 16	4 10	2 58
F 10	4 3	21 37	2 36	0 59	0 6	10 53	6 1	7 7	1 1	18 50	0 51	15 48	0 50	13 57	0 41	15 50	0 4	19 37	3 25	23 22	23 23	21 15	4 11	2 58
S 11	3 40	18 24	3 37	1 53	0n 6	10 56	5 52	6 49	1 1	18 51	0 51	15 46	0 50	13 56	0 41	15 50	0 4	19 37	3 25	23 22	23 23	21 14	4 13	2 58
S 12	3 16	13 58	4 24	2 46	0 18	10 59	5 42	6 30	1 1	18 52	0 51	15 44	0 50	13 55	0 41	15 49	0 4	19 37	3 25	23 23	23 23	21 13	4 14	2 58
M13	2 53	8 41	4 52	3 39	0 31	11 2	5 33	6 11	1 0	18 53	0 51	15 42	0 50	13 54	0 41	15 49	0 4	19 37	3 24	23 23	23 23	21 12	4 15	2 58
T 14	2 29	2 58	5 1	4 30	0 44	11 4	5 23	5 53	1 0	18 54	0 51	15 40	0 50	13 53	0 41	15 48	0 4	19 38	3 24	23 23	23 24	21 11	4 17	2 58
W15	2 5	2s48	4 50	5 20	0 57	11 5	5 13	5 34	1 0	18 55	0 50	15 38	0 51	13 52	0 42	15 48	0 4	19 38	3 24	23 23	23 24	21 10	4 18	2 58
T 16	1 42	8 16	4 21	6 8	1 10	11 6	5 3	5 15	1 0	18 56	0 50	15 37	0 51	13 51	0 42	15 47	0 4	19 38	3 24	23 23	23 24	21 9	4 19	2 58
F 17	1 18	13 9	3 39	6 53	1 23	11 6	4 54	4 57	0 59	18 57	0 50	15 35	0 51	13 50	0 42	15 46	0 4	19 38	3 24	23 24	23 24	21 7	4 21	2 58
S 18	0 54	17 16	2 46	7 37	1 36	11 6	4 44	4 38	0 59	18 58	0 50	15 33	0 51	13 49	0 42	15 46	0 4	19 38	3 24	23 24	23 24	21 6	4 22	2 58
S 19	0 30	20 27	1 46	8 18	1 49	11 5	4 35	4 19	0 59	18 59	0 50	15 31	0 51	13 48	0 42	15 45	0 4	19 38	3 24	23 24	23 24	21 5	4 23	2 58
M20	0 7	22 35	0 43	8 56	2 1	11 4	4 25	4 0	0 58	18 59	0 50	15 29	0 51	13 47	0 42	15 45	0 4	19 38	3 23	23 24	23 24	21 4	4 25	2 57
T 21	0n17	23 37	0s21	9 31	2 13	11 2	4 16	3 41	0 58	19 0	0 50	15 27	0 51	13 46	0 42	15 44	0 4	19 39	3 23	23 24	23 24	21 3	4 26	2 57
W22	0 41	23 33	1 23	10 3	2 25	10 59	4 6	3 22	0 58	19 1	0 50	15 25	0 51	13 45	0 42	15 44	0 4	19 39	3 23	23 24	23 24	21 2	4 27	2 57
T 23	1 4	22 26	2 21	10 31	2 36	10 56	3 57	3 3	0 57	19 1	0 50	15 24	0 51	13 44	0 42	15 43	0 4	19 39	3 23	23 24	23 24	21 1	4 29	2 57
F 24	1 28	20 19	3 12	10 56	2 45	10 53	3 47	2 44	0 57	19 2	0 50	15 22	0 52	13 43	0 42	15 43	0 4	19 39	3 23	23 24	23 24	21 0	4 30	2 57
S 25	1 52	17 20	3 56	11 17	2 54	10 49	3 38	2 26	0 57	19 2	0 50	15 20	0 52	13 42	0 42	15 42	0 4	19 39	3 23	23 24	23 24	20 59	4 32	2 57
S 26	2 15	13 36	4 29	11 34	3 2	10 44	3 29	2 7	0 57	19 2	0 50	15 18	0 52	13 41	0 42	15 42	0 4	19 39	3 23	23 24	23 24	20 58	4 33	2 57
M27	2 39	9 16	4 51	11 47	3 9	10 39	3 20	1 48	0 56	19 3	0 50	15 17	0 52	13 40	0 42	15 41	0 4	19 39	3 22	23 24	23 24	20 57	4 34	2 57
T 28	3 2	4 30	5 0	11 55	3 15	10 33	3 11	1 29	0 56	19 3	0 50	15 15	0 52	13 39	0 42	15 41	0 4	19 39	3 22	23 25	23 24	20 55	4 36	2 57
W29	3 26	0n32	4 54	12 0	3 19	10 26	3 2	1 10	0 55	19 3	0 50	15 13	0 52	13 38	0 42	15 40	0 4	19 40	3 22	23 25	23 24	20 54	4 37	2 57
T 30	3 49	5 38	4 33	12 0	3 21	10 20	2 54	0 51	0 55	19 3	0 50	15 12	0 52	13 37	0 42	15 40	0 4	19 40	3 22	23 25	23 24	20 53	4 39	2 57
F 31	4n12	10n35	3s58	11n56	3n22	10s12	2n45	0s32	0s55	19n 4	0n50	15s10	0s53	13s36	0s42	15s39	0s 4	19n40	3s22	23n25	23n24	20s52	4n40	2n57

Julian Day Number = 2513330.5, Delta T = 135.79 sec
Ecliptic obliquity = 23°25'02, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°06'15, Lahiri = 26°13'15

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2169
geocentric

APRIL 2169 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 38 55	11♈37'27	21♉45	22°R20	26♒56	1♈34	7°R58	21♒33	25♒44	17♒28	10♋16	0°R46	1♋38	9♒47	5♈ 0	S 1
S 2	12 42 51	12°36'45	5♊ 7	21♈54	27°44	2°20	7♌58	21°38	25°46	17°30	10°17	0♋41	1°35	9°54	5° 4	S 2
M 3	12 46 48	13°36'01	18°39	21°23	28°33	3° 7	7°D58	21°44	25°49	17°31	10°17	0°39	1°31	10° 0	5° 7	M 3
T 4	12 50 44	14°35'15	2♋22	20°46	29°23	3°54	7°58	21°49	25°52	17°33	10°17	0°D38	1°28	10° 7	5°11	T 4
W 5	12 54 41	15°34'27	16°17	20° 5	0♓13	4°41	7°58	21°54	25°54	17°34	10°17	0°R38	1°25	10°14	5°15	W 5
T 6	12 58 37	16°33'36	0♌23	19°21	1° 4	5°27	7°59	21°59	25°57	17°36	10°18	0°38	1°22	10°20	5°18	T 6
F 7	13 2 34	17°32'42	14°41	18°35	1°56	6°14	7°59	22° 4	25°59	17°37	10°18	0°35	1°19	10°27	5°22	F 7
S 8	13 6 30	18°31'47	29° 8	17°47	2°49	7° 1	8° 0	22°10	26° 2	17°38	10°18	0°30	1°16	10°34	5°25	S 8
S 9	13 10 27	19°30'49	13♍40	16°59	3°42	7°47	8° 1	22°14	26° 4	17°40	10°19	0°23	1°12	10°40	5°29	S 9
M10	13 14 24	20°29'49	28°10	16°12	4°36	8°34	8° 2	22°19	26° 6	17°41	10°19	0°13	1° 9	10°47	5°32	M10
T 11	13 18 20	21°28'46	12♎34	15°26	5°30	9°20	8° 4	22°24	26° 9	17°42	10°19	0° 2	1° 6	10°54	5°36	T 11
W12	13 22 17	22°27'42	26°43	14°42	6°25	10° 7	8° 5	22°29	26°11	17°43	10°20	29♊52	1° 3	11° 0	5°39	W12
T 13	13 26 13	23°26'36	10♏33	14° 1	7°20	10°53	8° 7	22°34	26°13	17°45	10°20	29°42	1° 0	11° 7	5°43	T 13
F 14	13 30 10	24°25'28	24° 0	13°23	8°16	11°40	8° 9	22°38	26°15	17°46	10°21	29°35	0°56	11°14	5°46	F 14
S 15	13 34 6	25°24'18	7♐ 4	12°49	9°12	12°26	8°11	22°43	26°18	17°47	10°21	29°30	0°53	11°20	5°50	S 15
S 16	13 38 3	26°23'06	19°45	12°20	10° 9	13°12	8°13	22°47	26°20	17°48	10°22	29°28	0°50	11°27	5°53	S 16
M17	13 41 59	27°21'52	2♑ 6	11°56	11° 6	13°59	8°16	22°52	26°22	17°49	10°22	29°D28	0°47	11°34	5°57	M17
T 18	13 45 56	28°20'37	14°12	11°37	12° 4	14°45	8°18	22°56	26°24	17°50	10°23	29°28	0°44	11°40	6° 0	T 18
W19	13 49 52	29°19'20	26° 8	11°23	13° 2	15°31	8°21	23° 0	26°26	17°51	10°23	29°R29	0°41	11°47	6° 4	W19
T 20	13 53 49	0♉18'02	7♒58	11°14	14° 1	16°17	8°24	23° 4	26°28	17°52	10°24	29°29	0°37	11°54	6° 7	T 20
F 21	13 57 46	1°16'41	19°48	11°D10	15° 0	17° 3	8°27	23° 8	26°30	17°53	10°25	29°27	0°34	12° 0	6°10	F 21
S 22	14 1 42	2°15'19	1♓44	11°12	15°59	17°50	8°31	23°12	26°32	17°54	10°25	29°22	0°31	12° 7	6°14	S 22
S 23	14 5 39	3°13'56	13°49	11°18	16°59	18°36	8°34	23°16	26°34	17°55	10°26	29°16	0°28	12°14	6°17	S 23
M24	14 9 35	4°12'30	26° 6	11°30	17°59	19°22	8°38	23°20	26°35	17°56	10°27	29° 8	0°25	12°21	6°20	M24
T 25	14 13 32	5°11'03	8♈39	11°46	18°59	20° 8	8°42	23°24	26°37	17°57	10°27	28°58	0°21	12°27	6°24	T 25
W26	14 17 28	6° 9'34	21°29	12° 7	20° 0	20°54	8°46	23°28	26°39	17°58	10°28	28°49	0°18	12°34	6°27	W26
T 27	14 21 25	7° 8'03	4♉34	12°32	21° 1	21°40	8°50	23°31	26°41	17°58	10°29	28°40	0°15	12°41	6°30	T 27
F 28	14 25 21	8° 6'31	17°55	13° 2	22° 2	22°25	8°55	23°35	26°42	17°59	10°30	28°33	0°12	12°47	6°33	F 28
S 29	14 29 18	9° 4'56	1♊29	13°36	23° 4	23°11	8°59	23°38	26°44	18° 0	10°30	28°27	0° 9	12°54	6°37	S 29
S 30	14 33 15	10♉ 3'20	15♊14	14♈14	24♓ 6	23♈57	9♌ 4	23♒41	26♒45	18♒ 0	10♋31	28♊24	0♋ 6	13♒ 1	6♈40	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n36	15n 8	3s10	11n48	3n22	10s 4	2n37	0s13	0s54	19n 4	0n50	15s 8	0s53	13s35	0s42	15s39	0s 4	19n40	3s22	23n25	23n24	20s51	4n41	2n57
S 2	4 59	18 59	2 11	11 36	3 19	9 56	2 28	0n 6	0 54	19 4	0 50	15 7	0 53	13 34	0 42	15 38	0 4	19 40	3 22	23 25	23 24	20 50	4 43	2 57
M 3	5 22	21 53	1 3	11 21	3 15	9 47	2 20	0 25	0 54	19 4	0 50	15 5	0 53	13 34	0 42	15 38	0 4	19 40	3 22	23 25	23 25	20 49	4 44	2 57
T 4	5 45	23 33	0n 9	11 2	3 10	9 37	2 12	0 44	0 53	19 4	0 50	15 4	0 53	13 33	0 42	15 38	0 4	19 40	3 21	23 25	23 25	20 47	4 46	2 57
W 5	6 8	23 47	1 22	10 39	3 2	9 27	2 4	1 3	0 53	19 4	0 50	15 2	0 53	13 32	0 42	15 37	0 4	19 40	3 21	23 25	23 25	20 46	4 47	2 57
T 6	6 30	22 30	2 31	10 14	2 53	9 17	1 56	1 22	0 52	19 3	0 50	15 0	0 53	13 31	0 42	15 37	0 4	19 41	3 21	23 25	23 25	20 45	4 48	2 56
F 7	6 53	19 46	3 31	9 47	2 43	9 6	1 48	1 41	0 52	19 3	0 50	14 59	0 53	13 30	0 42	15 36	0 4	19 41	3 21	23 25	23 25	20 44	4 50	2 56
S 8	7 15	15 48	4 18	9 18	2 31	8 54	1 40	1 59	0 52	19 3	0 50	14 57	0 54	13 30	0 42	15 36	0 4	19 41	3 21	23 25	23 25	20 43	4 51	2 56
S 9	7 38	10 52	4 49	8 47	2 18	8 42	1 33	2 18	0 51	19 3	0 49	14 56	0 54	13 29	0 42	15 36	0 4	19 41	3 21	23 25	23 25	20 42	4 52	2 56
M10	8 0	5 20	5 2	8 16	2 3	8 30	1 25	2 37	0 51	19 2	0 49	14 54	0 54	13 28	0 42	15 35	0 4	19 41	3 21	23 25	23 25	20 40	4 54	2 56
T 11	8 22	0s26	4 55	7 44	1 48	8 17	1 18	2 56	0 50	19 2	0 49	14 53	0 54	13 27	0 42	15 35	0 4	19 41	3 20	23 25	23 25	20 39	4 55	2 56
W12	8 44	6 5	4 30	7 13	1 33	8 3	1 11	3 14	0 50	19 1	0 49	14 52	0 54	13 26	0 42	15 34	0 4	19 41	3 20	23 25	23 25	20 38	4 57	2 56
T 13	9 6	11 20	3 49	6 42	1 17	7 50	1 4	3 33	0 49	19 1	0 49	14 50	0 54	13 26	0 42	15 34	0 4	19 41	3 20	23 25	23 25	20 37	4 58	2 56
F 14	9 28	15 54	2 57	6 12	1 0	7 35	0 57	3 51	0 49	19 0	0 49	14 49	0 54	13 25	0 42	15 34	0 4	19 41	3 20	23 25	23 25	20 36	4 59	2 56
S 15	9 49	19 33	1 56	5 44	0 44	7 21	0 50	4 10	0 49	19 0	0 49	14 48	0 55	13 24	0 42	15 33	0 4	19 41	3 20	23 25	23 25	20 34	5 1	2 56
S 16	10 10	22 10	0 52	5 17	0 27	7 5	0 43	4 28	0 48	18 59	0 49	14 46	0 55	13 24	0 42	15 33	0 4	19 42	3 20	23 25	23 25	20 33	5 2	2 56
M17	10 32	23 38	0s14	4 53	0 11	6 50	0 36	4 47	0 48	18 58	0 49	14 45	0 55	13 23	0 42	15 33	0 4	19 42	3 20	23 25	23 25	20 32	5 3	2 56
T 18	10 53	23 57	1 18	4 31	0s 5	6 34	0 30	5 5	0 47	18 58	0 49	14 44	0 55	13 22	0 42	15 32	0 4	19 42	3 20	23 25	23 25	20 31	5 5	2 56
W19	11 13	23 9	2 18	4 11	0 21	6 18	0 24	5 23	0 47	18 57	0 49	14 42	0 55	13 22	0 42	15 32	0 4	19 42	3 19	23 25	23 25	20 29	5 6	2 56
T 20	11 34	21 20	3 11	3 53	0 36	6 1	0 17	5 41	0 46	18 56	0 49	14 41	0 55	13 21	0 43	15 32	0 4	19 42	3 19	23 25	23 25	20 28	5 7	2 56
F 21	11 54	18 35	3 56	3 39	0 50	5 44	0 11	5 59	0 46	18 55	0 49	14 40	0 56	13 20	0 43	15 32	0 4	19 42	3 19	23 25	23 25	20 27	5 9	2 56
S 22	12 15	15 4	4 31	3 26	1 4	5 26	0 5	6 17	0 45	18 54	0 49	14 39	0 56	13 20	0 43	15 31	0 4	19 42	3 19	23 25	23 25	20 26	5 10	2 56
S 23	12 35	10 53	4 55	3 17	1 17	5 9	0s 0	6 35	0 45	18 53	0 49	14 38	0 56	13 19	0 43	15 31	0 4	19 42	3 19	23 25	23 25	20 24	5 11	2 56
M24	12 55	6 13	5 5	3 10	1 30	4 51	0 6	6 53	0 44	18 52	0 49	14 37	0 56	13 19	0 43	15 31	0 4	19 42	3 19	23 25	23 25	20 23	5 13	2 56
T 25	13 14	1 11	5 1	3 6	1 41	4 32	0 12	7 11	0 44	18 51	0 49	14 35	0 56	13 18	0 43	15 31	0 4	19 42	3 19	23 25	23 25	20 22	5 14	2 56
W26	13 34	4n 0	4 42	3 4	1 52	4 13	0 17	7 29	0 43	18 50	0 48	14 34	0 56	13 17	0 43	15 30	0 4	19 42	3 19	23 25	23 25	20 21	5 15	2 56
T 27	13 53	9 8	4 8	3 4	2 2	3 54	0 22	7 46	0 43	18 49	0 48	14 33	0 56	13 17	0 43	15 30	0 4	19 42	3 18	23 25	23 25	20 19	5 17	2 56
F 28	14 12	13 57	3 20	3 7	2 12	3 35	0 28	8 4	0 42	18 47	0 48	14 32	0 57	13 16	0 43	15 30	0 4	19 43	3 18	23 25	23 25	20 18	5 18	2 56
S 29	14 31	18 10	2 20	3 12	2 20	3 15	0 33	8 21	0 42	18 46	0 48	14 31	0 57	13 16	0 43	15 30	0 4	19 43	3 18	23 24	23 25	20 17	5 19	2 56
S 30	14n49	21n26	1s10	3n20	2s28	2s55	0s38	8n39	0s41	18n45	0n48	14s30	0s57	13s15	0s43	15s29	0s 4	19n43	3s18	23n24	23n25	20s15	5n21	2n56

Julian Day Number = 2513361.5, Delta T = 135.86 sec
Ecliptic obliquity = 23°25'02, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°06'19, Lahiri = 26°13'20

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2169
geocentric

MAY 2169 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 37 11	11♉ 1'42	29♊ 8	14♈55	25♓ 8	24♈43	9♌ 9	23♒45	26♒47	18♒ 1	10♋32	28°D24	0♋ 2	13♒ 7	6♈43	M 1
T 2	14 41 8	12° 0'02	13♋ 8	15°40	26°10	25°28	9°14	23°48	26°48	18° 2	10°33	28♊24	29♊59	13°14	6°46	T 2
W 3	14 45 4	12°58'19	27°13	16°29	27°13	26°14	9°19	23°51	26°50	18° 2	10°34	28°26	29°56	13°21	6°49	W 3
T 4	14 49 1	13°56'35	11♌22	17°21	28°16	27° 0	9°24	23°54	26°51	18° 3	10°35	28°R26	29°53	13°27	6°52	T 4
F 5	14 52 57	14°54'48	25°32	18°16	29°19	27°45	9°30	23°57	26°52	18° 3	10°36	28°26	29°50	13°34	6°55	F 5
S 6	14 56 54	15°53'00	9♍43	19°14	0♈23	28°31	9°35	24° 0	26°54	18° 4	10°37	28°24	29°47	13°41	6°58	S 6
S 7	15 0 50	16°51'09	23°52	20°15	1°26	29°16	9°41	24° 2	26°55	18° 4	10°38	28°20	29°43	13°47	7° 1	S 7
M 8	15 4 47	17°49'16	7♎56	21°19	2°30	0♉ 1	9°47	24° 5	26°56	18° 5	10°39	28°14	29°40	13°54	7° 4	M 8
T 9	15 8 44	18°47'22	21°51	22°26	3°34	0°47	9°53	24° 7	26°57	18° 5	10°39	28° 8	29°37	14° 1	7° 7	T 9
W10	15 12 40	19°45'26	5♏34	23°36	4°39	1°32	10° 0	24°10	26°58	18° 5	10°40	28° 2	29°34	14° 7	7°10	W10
T 11	15 16 37	20°43'28	19° 2	24°48	5°43	2°17	10° 6	24°12	26°59	18° 6	10°41	27°56	29°31	14°14	7°13	T 11
F 12	15 20 33	21°41'28	2♐12	26° 2	6°48	3° 3	10°13	24°14	27° 0	18° 6	10°43	27°52	29°27	14°21	7°16	F 12
S 13	15 24 30	22°39'27	15° 4	27°19	7°53	3°48	10°19	24°17	27° 1	18° 6	10°44	27°50	29°24	14°27	7°18	S 13
S 14	15 28 26	23°37'25	27°38	28°38	8°58	4°33	10°26	24°19	27° 2	18° 6	10°45	27°D49	29°21	14°34	7°21	S 14
M15	15 32 23	24°35'21	9♑57	0♉ 0	10° 3	5°18	10°33	24°21	27° 3	18° 7	10°46	27°50	29°18	14°41	7°24	M15
T 16	15 36 19	25°33'16	22° 2	1°24	11° 9	6° 3	10°40	24°23	27° 4	18° 7	10°47	27°51	29°15	14°48	7°26	T 16
W17	15 40 16	26°31'09	3♒59	2°50	12°14	6°48	10°47	24°24	27° 4	18° 7	10°48	27°53	29°12	14°54	7°29	W17
T 18	15 44 13	27°29'01	15°50	4°19	13°20	7°33	10°55	24°26	27° 5	18° 7	10°49	27°54	29° 8	15° 1	7°32	T 18
F 19	15 48 9	28°26'52	27°42	5°50	14°26	8°18	11° 2	24°28	27° 6	18° 7	10°50	27°R55	29° 5	15° 8	7°34	F 19
S 20	15 52 6	29°24'42	9♓39	7°23	15°32	9° 2	11°10	24°29	27° 6	18°R 7	10°51	27°54	29° 2	15°14	7°37	S 20
S 21	15 56 2	0♊22'31	21°45	8°58	16°38	9°47	11°17	24°31	27° 7	18° 7	10°53	27°53	28°59	15°21	7°39	S 21
M22	15 59 59	1°20'18	4♈ 6	10°35	17°45	10°32	11°25	24°32	27° 7	18° 7	10°54	27°50	28°56	15°28	7°42	M22
T 23	16 3 55	2°18'04	16°44	12°15	18°51	11°16	11°33	24°33	27° 8	18° 7	10°55	27°46	28°53	15°34	7°44	T 23
W24	16 7 52	3°15'50	29°41	13°57	19°58	12° 1	11°41	24°34	27° 8	18° 7	10°56	27°43	28°49	15°41	7°47	W24
T 25	16 11 48	4°13'34	13♉ 0	15°41	21° 5	12°46	11°50	24°35	27° 9	18° 7	10°57	27°39	28°46	15°48	7°49	T 25
F 26	16 15 45	5°11'17	26°38	17°27	22°12	13°30	11°58	24°36	27° 9	18° 7	10°59	27°36	28°43	15°54	7°51	F 26
S 27	16 19 42	6° 8'58	10♊34	19°15	23°19	14°15	12° 6	24°37	27° 9	18° 6	11° 0	27°34	28°40	16° 1	7°53	S 27
S 28	16 23 38	7° 6'39	24°45	21° 5	24°26	14°59	12°15	24°38	27° 9	18° 6	11° 1	27°D34	28°37	16° 8	7°56	S 28
M29	16 27 35	8° 4'18	9♋ 5	22°58	25°34	15°43	12°24	24°38	27°10	18° 6	11° 2	27°34	28°33	16°14	7°58	M29
T 30	16 31 31	9° 1'56	23°30	24°53	26°41	16°28	12°32	24°39	27°10	18° 6	11° 4	27°35	28°30	16°21	8° 0	T 30
W31	16 35 28	9♊59'32	7♌55	26♉49	27♈49	17♉12	12♌41	24♒39	27♒10	18♒ 5	11♋ 5	27♊36	28♊27	16♒28	8♈ 2	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	15n 7	23n29	0n 4	3n29	2s35	2s35	0s42	8n56	0s41	18n44	0n48	14s30	0s57	13s15	0s43	15s29	0s 5	19n43	3s18	23n24	23n25	20s14	5n22	2n56
T 2	15 25	24 5	1 19	3 41	2 41	2 14	0 47	9 13	0 40	18 42	0 48	14 29	0 57	13 14	0 43	15 29	0 5	19 43	3 18	23 24	23 25	20 13	5 23	2 56
W 3	15 43	23 8	2 29	3 54	2 47	1 54	0 52	9 30	0 40	18 41	0 48	14 28	0 57	13 14	0 43	15 29	0 5	19 43	3 18	23 24	23 25	20 11	5 24	2 56
T 4	16 1	20 44	3 31	4 10	2 51	1 33	0 56	9 47	0 39	18 39	0 48	14 27	0 58	13 14	0 43	15 29	0 5	19 43	3 18	23 24	23 25	20 10	5 26	2 56
F 5	16 18	17 4	4 20	4 27	2 55	1 11	1 0	10 4	0 39	18 38	0 48	14 26	0 58	13 13	0 43	15 29	0 5	19 43	3 17	23 24	23 25	20 9	5 27	2 56
S 6	16 35	12 26	4 53	4 46	2 59	0 50	1 4	10 21	0 38	18 36	0 48	14 25	0 58	13 13	0 43	15 29	0 5	19 43	3 17	23 24	23 25	20 7	5 28	2 57
S 7	16 51	7 9	5 8	5 6	3 1	0 28	1 8	10 37	0 37	18 35	0 48	14 25	0 58	13 12	0 43	15 28	0 5	19 43	3 17	23 24	23 25	20 6	5 29	2 57
M 8	17 8	1 32	5 5	5 28	3 3	0 7	1 12	10 54	0 37	18 33	0 48	14 24	0 58	13 12	0 43	15 28	0 5	19 43	3 17	23 24	23 25	20 5	5 30	2 57
T 9	17 24	4s 7	4 44	5 52	3 5	0n15	1 16	11 10	0 36	18 31	0 48	14 23	0 58	13 12	0 43	15 28	0 5	19 43	3 17	23 24	23 25	20 3	5 32	2 57
W10	17 40	9 30	4 6	6 17	3 5	0 37	1 20	11 26	0 36	18 30	0 48	14 23	0 59	13 11	0 43	15 28	0 5	19 43	3 17	23 24	23 25	20 2	5 33	2 57
T 11	17 55	14 20	3 15	6 43	3 5	1 0	1 23	11 42	0 35	18 28	0 48	14 22	0 59	13 11	0 43	15 28	0 5	19 43	3 17	23 24	23 25	20 1	5 34	2 57
F 12	18 10	18 23	2 15	7 11	3 5	1 22	1 27	11 58	0 35	18 26	0 48	14 21	0 59	13 11	0 43	15 28	0 5	19 43	3 17	23 24	23 25	19 59	5 35	2 57
S 13	18 25	21 26	1 9	7 39	3 3	1 45	1 30	12 14	0 34	18 24	0 48	14 21	0 59	13 10	0 43	15 28	0 5	19 43	3 16	23 24	23 25	19 58	5 36	2 57
S 14	18 40	23 23	0 1	8 9	3 1	2 8	1 33	12 30	0 33	18 22	0 47	14 20	0 59	13 10	0 43	15 28	0 5	19 43	3 16	23 24	23 25	19 57	5 37	2 57
M15	18 54	24 8	1s 6	8 40	2 59	2 30	1 36	12 46	0 33	18 20	0 47	14 20	1 0	13 10	0 43	15 28	0 5	19 43	3 16	23 24	23 25	19 55	5 38	2 57
T 16	19 8	23 44	2 9	9 12	2 56	2 53	1 39	13 1	0 32	18 18	0 47	14 19	1 0	13 10	0 43	15 28	0 5	19 43	3 16	23 24	23 25	19 54	5 40	2 57
W17	19 22	22 14	3 5	9 45	2 52	3 16	1 42	13 16	0 32	18 16	0 47	14 19	1 0	13 9	0 44	15 28	0 5	19 43	3 16	23 24	23 25	19 52	5 41	2 57
T 18	19 35	19 47	3 53	10 19	2 48	3 39	1 44	13 32	0 31	18 14	0 47	14 19	1 0	13 9	0 44	15 28	0 5	19 43	3 16	23 24	23 25	19 51	5 42	2 57
F 19	19 48	16 30	4 31	10 53	2 43	4 3	1 47	13 47	0 31	18 12	0 47	14 18	1 0	13 9	0 44	15 28	0 5	19 43	3 16	23 24	23 25	19 50	5 43	2 57
S 20	20 0	12 32	4 58	11 28	2 38	4 26	1 49	14 1	0 30	18 10	0 47	14 18	1 0	13 9	0 44	15 28	0 5	19 43	3 16	23 24	23 25	19 48	5 44	2 57
S 21	20 13	8 2	5 12	12 4	2 32	4 49	1 52	14 16	0 29	18 8	0 47	14 18	1 1	13 9	0 44	15 28	0 5	19 43	3 16	23 24	23 25	19 47	5 45	2 57
M22	20 25	3 9	5 12	12 41	2 26	5 12	1 54	14 31	0 29	18 6	0 47	14 17	1 1	13 9	0 44	15 28	0 5	19 43	3 16	23 24	23 25	19 45	5 46	2 57
T 23	20 36	2n 0	4 57	13 18	2 19	5 36	1 56	14 45	0 28	18 3	0 47	14 17	1 1	13 8	0 44	15 28	0 5	19 43	3 15	23 24	23 25	19 44	5 47	2 57
W24	20 47	7 12	4 26	13 55	2 11	5 59	1 58	15 0	0 27	18 1	0 47	14 17	1 1	13 8	0 44	15 28	0 5	19 43	3 15	23 24	23 25	19 42	5 48	2 57
T 25	20 58	12 13	3 41	14 33	2 4	6 22	1 59	15 14	0 27	17 59	0 47	14 17	1 1	13 8	0 44	15 28	0 5	19 43	3 15	23 24	23 25	19 41	5 49	2 58
F 26	21 9	16 45	2 42	15 11	1 55	6 46	2 1	15 28	0 26	17 56	0 47	14 17	1 1	13 8	0 44	15 28	0 5	19 43	3 15	23 24	23 25	19 40	5 50	2 58
S 27	21 19	20 29	1 32	15 49	1 47	7 9	2 3	15 41	0 26	17 54	0 47	14 16	1 2	13 8	0 44	15 28	0 5	19 43	3 15	23 24	23 25	19 38	5 51	2 58
S 28	21 29	23 3	0 16	16 27	1 38	7 32	2 4	15 55	0 25	17 51	0 47	14 16	1 2	13 8	0 44	15 28	0 5	19 43	3 15	23 24	23 25	19 37	5 52	2 58
M29	21 38	24 9	1n 3	17 4	1 28	7 55	2 5	16 9	0 24	17 49	0 47	14 16	1 2	13 8	0 44	15 28	0 5	19 43	3 15	23 24	23 25	19 35	5 53	2 58
T 30	21 47	23 39	2 18	17 42	1 19	8 19	2 7	16 22	0 24	17 46	0 47	14 16	1 2	13 8	0 44	15 28	0 5	19 43	3 15	23 24	23 25	19 34	5 54	2 58
W31	21n56	21n34	3n25	18n19	1s 9	8n42	2s 8	16n35	0s23	17n44	0n47	14s16	1s 2	13s 8	0s44	15s28	0s 5	19n43	3s15	23n24	23n24	19s32	5n55	2n58

Julian Day Number = 2513391.5, Delta T = 135.93 sec
Ecliptic obliquity = 23°25'02, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°06'23, Lahiri = 26°13'24

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2169
geocentric

JUNE 2169 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 39 24	10♊57'07	22♌17	28♉48	28♈56	17♉56	12♌50	24♒40	27°R10	18°R 5	11♋ 6	27♊37	28♊24	16♒35	8♈ 4	T 1
F 2	16 43 21	11°54'41	6♍33	0♊49	0♉ 4	18°40	13° 0	24°40	27♒10	18♒ 5	11° 8	27°R38	28°21	16°41	8° 6	F 2
S 3	16 47 18	12°52'13	20°39	2°52	1°12	19°24	13° 9	24°40	27°10	18° 4	11° 9	27°38	28°18	16°48	8° 8	S 3
S 4	16 51 14	13°49'43	4♎35	4°56	2°20	20° 8	13°18	24°R40	27°10	18° 4	11°10	27°37	28°14	16°55	8°10	S 4
M 5	16 55 11	14°47'13	18°18	7° 3	3°28	20°52	13°28	24°40	27° 9	18° 3	11°12	27°36	28°11	17° 1	8°12	M 5
T 6	16 59 7	15°44'41	1♏49	9°10	4°36	21°36	13°37	24°40	27° 9	18° 3	11°13	27°34	28° 8	17° 8	8°14	T 6
W 7	17 3 4	16°42'08	15° 6	11°19	5°44	22°20	13°47	24°39	27° 9	18° 2	11°14	27°33	28° 5	17°15	8°16	W 7
T 8	17 7 0	17°39'34	28° 8	13°29	6°53	23° 3	13°56	24°39	27° 8	18° 2	11°16	27°32	28° 2	17°21	8°17	T 8
F 9	17 10 57	18°36'59	10♐57	15°40	8° 1	23°47	14° 6	24°39	27° 8	18° 1	11°17	27°31	27°59	17°28	8°19	F 9
S 10	17 14 53	19°34'23	23°32	17°52	9°10	24°31	14°16	24°38	27° 8	18° 0	11°19	27°D30	27°55	17°35	8°21	S 10
S 11	17 18 50	20°31'46	5♑55	20° 4	10°18	25°14	14°26	24°37	27° 7	18° 0	11°20	27°30	27°52	17°41	8°22	S 11
M12	17 22 47	21°29'09	18° 5	22°16	11°27	25°58	14°36	24°37	27° 7	17°59	11°21	27°31	27°49	17°48	8°24	M12
T 13	17 26 43	22°26'30	0♒ 7	24°28	12°36	26°41	14°46	24°36	27° 6	17°58	11°23	27°31	27°46	17°55	8°25	T 13
W14	17 30 40	23°23'52	12° 2	26°40	13°45	27°25	14°57	24°35	27° 6	17°57	11°24	27°32	27°43	18° 1	8°27	W14
T 15	17 34 36	24°21'12	23°53	28°50	14°54	28° 8	15° 7	24°34	27° 5	17°57	11°26	27°32	27°39	18° 8	8°28	T 15
F 16	17 38 33	25°18'32	5♓45	1♋ 0	16° 3	28°51	15°18	24°33	27° 4	17°56	11°27	27°33	27°36	18°15	8°29	F 16
S 17	17 42 29	26°15'52	17°42	3° 9	17°12	29°35	15°28	24°31	27° 3	17°55	11°29	27°33	27°33	18°22	8°31	S 17
S 18	17 46 26	27°13'11	29°47	5°16	18°21	0♊18	15°39	24°30	27° 3	17°54	11°30	27°33	27°30	18°28	8°32	S 18
M19	17 50 22	28°10'30	12♈ 7	7°22	19°30	1° 1	15°49	24°29	27° 2	17°53	11°32	27°33	27°27	18°35	8°33	M19
T 20	17 54 19	29° 7'48	24°44	9°26	20°40	1°44	16° 0	24°27	27° 1	17°52	11°33	27°33	27°24	18°42	8°34	T 20
W21	17 58 16	0♋ 5'07	7♉43	11°28	21°49	2°27	16°11	24°26	27° 0	17°51	11°34	27°33	27°20	18°48	8°35	W21
T 22	18 2 12	1° 2'25	21° 5	13°29	22°59	3°10	16°22	24°24	26°59	17°50	11°36	27°33	27°17	18°55	8°36	T 22
F 23	18 6 9	1°59'42	4♊52	15°27	24° 9	3°53	16°33	24°22	26°58	17°50	11°37	27°34	27°14	19° 2	8°37	F 23
S 24	18 10 5	2°57'00	19° 1	17°23	25°18	4°36	16°44	24°20	26°57	17°48	11°39	27°34	27°11	19° 8	8°38	S 24
S 25	18 14 2	3°54'17	3♋31	19°17	26°28	5°19	16°55	24°18	26°56	17°47	11°40	27°R34	27° 8	19°15	8°39	S 25
M26	18 17 58	4°51'34	18°15	21° 9	27°38	6° 1	17° 6	24°16	26°55	17°46	11°42	27°34	27° 5	19°22	8°40	M26
T 27	18 21 55	5°48'50	3♌ 5	22°59	28°48	6°44	17°18	24°14	26°53	17°45	11°43	27°33	27° 1	19°29	8°41	T 27
W28	18 25 51	6°46'06	17°56	24°47	29°58	7°27	17°29	24°12	26°52	17°44	11°45	27°32	26°58	19°35	8°42	W28
T 29	18 29 48	7°43'21	2♍38	26°32	1♊ 8	8° 9	17°40	24°10	26°51	17°43	11°46	27°31	26°55	19°42	8°42	T 29
F 30	18 33 45	8♋40'36	17♍ 8	28♋15	2♊18	8♊52	17♌52	24♒ 7	26♒50	17♒42	11♋48	27♊30	26♊52	19♒49	8♈43	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n 4	18n 8	4n18	18n56	0s58	9n 5	2s 9	16n48	0s22	17n41	0n47	14s16	1s 3	13s 8	0s44	15s29	0s 5	19n43	3s15	23n24	23n24	19s31	5n55	2n58
F 2	22 12	13 40	4 55	19 31	0 48	9 28	2 10	17 1	0 22	17 39	0 47	14 16	1 3	13 8	0 44	15 29	0 5	19 43	3 14	23 24	23 24	19 29	5 56	2 58
S 3	22 19	8 30	5 14	20 6	0 37	9 50	2 10	17 13	0 21	17 36	0 47	14 17	1 3	13 8	0 44	15 29	0 5	19 43	3 14	23 24	23 24	19 28	5 57	2 58
S 4	22 26	2 59	5 14	20 40	0 26	10 13	2 11	17 26	0 20	17 33	0 47	14 17	1 3	13 8	0 44	15 29	0 5	19 43	3 14	23 24	23 24	19 26	5 58	2 58
M 5	22 33	2s36	4 56	21 13	0 16	10 36	2 12	17 38	0 20	17 31	0 47	14 17	1 3	13 8	0 44	15 29	0 5	19 43	3 14	23 24	23 24	19 25	5 59	2 58
T 6	22 39	8 0	4 22	21 43	0 5	10 58	2 12	17 50	0 19	17 28	0 46	14 17	1 3	13 9	0 44	15 29	0 5	19 43	3 14	23 24	23 24	19 23	6 0	2 58
W 7	22 45	12 56	3 34	22 13	0n 6	11 20	2 13	18 2	0 19	17 25	0 46	14 17	1 4	13 9	0 44	15 29	0 5	19 43	3 14	23 24	23 24	19 22	6 0	2 58
T 8	22 51	17 12	2 36	22 40	0 16	11 42	2 13	18 14	0 18	17 22	0 46	14 18	1 4	13 9	0 44	15 30	0 5	19 43	3 14	23 24	23 24	19 20	6 1	2 59
F 9	22 56	20 34	1 30	23 5	0 27	12 4	2 13	18 25	0 17	17 19	0 46	14 18	1 4	13 9	0 44	15 30	0 5	19 43	3 14	23 24	23 24	19 19	6 2	2 59
S 10	23 0	22 54	0 22	23 28	0 37	12 26	2 13	18 37	0 17	17 16	0 46	14 18	1 4	13 9	0 44	15 30	0 5	19 43	3 14	23 24	23 24	19 17	6 3	2 59
S 11	23 5	24 4	0s46	23 49	0 46	12 47	2 13	18 48	0 16	17 13	0 46	14 19	1 4	13 9	0 45	15 30	0 5	19 43	3 14	23 24	23 24	19 16	6 3	2 59
M12	23 9	24 2	1 52	24 7	0 56	13 9	2 13	18 59	0 15	17 11	0 46	14 19	1 5	13 10	0 45	15 30	0 5	19 43	3 14	23 24	23 24	19 14	6 4	2 59
T 13	23 12	22 54	2 51	24 22	1 4	13 30	2 13	19 10	0 15	17 7	0 46	14 20	1 5	13 10	0 45	15 31	0 5	19 43	3 13	23 24	23 24	19 13	6 5	2 59
W14	23 15	20 44	3 43	24 35	1 13	13 51	2 12	19 20	0 14	17 4	0 46	14 20	1 5	13 10	0 45	15 31	0 5	19 43	3 13	23 24	23 24	19 11	6 5	2 59
T 15	23 18	17 42	4 24	24 45	1 20	14 11	2 12	19 31	0 13	17 1	0 46	14 21	1 5	13 10	0 45	15 31	0 5	19 43	3 13	23 24	23 24	19 9	6 6	2 59
F 16	23 20	13 57	4 55	24 52	1 27	14 32	2 11	19 41	0 12	16 58	0 46	14 21	1 5	13 11	0 45	15 31	0 5	19 43	3 13	23 24	23 24	19 8	6 7	2 59
S 17	23 22	9 39	5 13	24 56	1 33	14 52	2 11	19 51	0 12	16 55	0 46	14 22	1 5	13 11	0 45	15 32	0 5	19 43	3 13	23 24	23 24	19 6	6 7	2 59
S 18	23 23	4 56	5 17	24 58	1 39	15 12	2 10	20 1	0 11	16 52	0 46	14 22	1 6	13 11	0 45	15 32	0 5	19 43	3 13	23 24	23 24	19 5	6 8	2 59
M19	23 24	0n 4	5 7	24 56	1 44	15 31	2 9	20 10	0 10	16 49	0 46	14 23	1 6	13 12	0 45	15 32	0 5	19 43	3 13	23 24	23 24	19 3	6 8	3 0
T 20	23 25	5 11	4 42	24 53	1 48	15 50	2 8	20 20	0 10	16 46	0 46	14 24	1 6	13 12	0 45	15 33	0 5	19 43	3 13	23 24	23 23	19 2	6 9	3 0
W21	23 25	10 14	4 3	24 46	1 51	16 9	2 7	20 29	0 9	16 42	0 46	14 24	1 6	13 12	0 45	15 33	0 5	19 43	3 13	23 24	23 23	19 0	6 9	3 0
T 22	23 25	14 58	3 9	24 37	1 54	16 28	2 6	20 38	0 8	16 39	0 46	14 25	1 6	13 13	0 45	15 33	0 5	19 43	3 13	23 24	23 23	18 58	6 10	3 0
F 23	23 24	19 5	2 3	24 26	1 56	16 46	2 5	20 47	0 8	16 36	0 46	14 26	1 6	13 13	0 45	15 34	0 5	19 43	3 13	23 24	23 23	18 57	6 10	3 0
S 24	23 23	22 11	0 47	24 13	1 57	17 4	2 4	20 55	0 7	16 32	0 46	14 27	1 7	13 13	0 45	15 34	0 5	19 42	3 13	23 24	23 23	18 55	6 11	3 0
S 25	23 22	23 55	0n33	23 58	1 57	17 21	2 3	21 4	0 6	16 29	0 46	14 27	1 7	13 14	0 45	15 34	0 5	19 42	3 13	23 24	23 23	18 54	6 11	3 0
M26	23 20	24 2	1 52	23 41	1 57	17 38	2 1	21 12	0 6	16 26	0 46	14 28	1 7	13 14	0 45	15 35	0 5	19 42	3 13	23 24	23 23	18 52	6 12	3 0
T 27	23 17	22 26	3 4	23 22	1 56	17 55	2 0	21 20	0 5	16 22	0 46	14 29	1 7	13 15	0 45	15 35	0 5	19 42	3 13	23 24	23 23	18 50	6 12	3 0
W28	23 15	19 19	4 4	23 1	1 54	18 12	1 58	21 28	0 4	16 19	0 46	14 30	1 7	13 15	0 45	15 35	0 5	19 42	3 12	23 24	23 23	18 49	6 12	3 0
T 29	23 12	14 59	4 47	22 39	1 52	18 28	1 57	21 35	0 3	16 15	0 46	14 31	1 7	13 16	0 45	15 36	0 5	19 42	3 12	23 24	23 23	18 47	6 13	3 1
F 30	23n 8	9n51	5n11	22n16	1n49	18n43	1s55	21n43	0s 3	16n12	0n46	14s32	1s 8	13s16	0s45	15s36	0s 5	19n42	3s12	23n24	23n23	18s46	6n13	3n 1

Julian Day Number = 2513422.5, Delta T = 135.99 sec
Ecliptic obliquity = 23°25'02, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°06'28, Lahiri = 26°13'28

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2169
geocentric

JULY 2169 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 37 41	9♋37'50	1♎20	29♋56	3♊28	9♊34	18♌ 3	24°R 5	26°R48	17°R41	11♋49	27°R29	26♊49	19♒55	8♈44	S 1
S 2	18 41 38	10°35'03	15°13	1♌34	4°38	10°16	18°15	24♒ 2	26♒47	17♒40	11°51	27°D29	26°45	20° 2	8°44	S 2
M 3	18 45 34	11°32'16	28°46	3°11	5°48	10°59	18°27	23°59	26°45	17°38	11°52	27♊30	26°42	20° 9	8°45	M 3
T 4	18 49 31	12°29'29	12♏ 0	4°45	6°59	11°41	18°38	23°57	26°44	17°37	11°54	27°31	26°39	20°15	8°45	T 4
W 5	18 53 27	13°26'41	24°58	6°17	8° 9	12°23	18°50	23°54	26°42	17°36	11°55	27°32	26°36	20°22	8°45	W 5
T 6	18 57 24	14°23'53	7♐40	7°46	9°19	13° 5	19° 2	23°51	26°41	17°35	11°57	27°33	26°33	20°29	8°46	T 6
F 7	19 1 20	15°21'05	20°10	9°13	10°30	13°47	19°14	23°48	26°39	17°33	11°58	27°34	26°30	20°35	8°46	F 7
S 8	19 5 17	16°18'17	2♑28	10°38	11°41	14°29	19°26	23°45	26°38	17°32	12° 0	27°R34	26°26	20°42	8°46	S 8
S 9	19 9 14	17°15'29	14°37	12° 1	12°51	15°11	19°38	23°42	26°36	17°31	12° 1	27°33	26°23	20°49	8°46	S 9
M10	19 13 10	18°12'41	26°39	13°21	14° 2	15°53	19°50	23°39	26°34	17°29	12° 3	27°31	26°20	20°56	8°46	M10
T 11	19 17 7	19° 9'53	8♒35	14°38	15°13	16°35	20° 2	23°36	26°33	17°28	12° 4	27°29	26°17	21° 2	8°R46	T 11
W12	19 21 3	20° 7'05	20°27	15°53	16°23	17°17	20°14	23°32	26°31	17°26	12° 6	27°25	26°14	21° 9	8°46	W12
T 13	19 25 0	21° 4'17	2♓18	17° 6	17°34	17°58	20°26	23°29	26°29	17°25	12° 7	27°21	26°11	21°16	8°46	T 13
F 14	19 28 56	22° 1'30	14°11	18°16	18°45	18°40	20°39	23°26	26°27	17°24	12° 9	27°18	26° 7	21°22	8°46	F 14
S 15	19 32 53	22°58'43	26° 7	19°23	19°56	19°21	20°51	23°22	26°26	17°22	12°10	27°14	26° 4	21°29	8°46	S 15
S 16	19 36 49	23°55'56	8♈12	20°28	21° 7	20° 3	21° 3	23°18	26°24	17°21	12°12	27°12	26° 1	21°36	8°46	S 16
M17	19 40 46	24°53'10	20°30	21°29	22°18	20°44	21°16	23°15	26°22	17°19	12°13	27°D11	25°58	21°42	8°46	M17
T 18	19 44 43	25°50'25	3♉ 3	22°28	23°29	21°26	21°28	23°11	26°20	17°18	12°15	27°11	25°55	21°49	8°45	T 18
W19	19 48 39	26°47'40	15°58	23°24	24°41	22° 7	21°41	23° 7	26°18	17°16	12°16	27°12	25°51	21°56	8°45	W19
T 20	19 52 36	27°44'56	29°16	24°16	25°52	22°48	21°53	23° 4	26°16	17°15	12°18	27°14	25°48	22° 3	8°45	T 20
F 21	19 56 32	28°42'12	13♊ 1	25° 5	27° 3	23°30	22° 6	23° 0	26°14	17°13	12°19	27°15	25°45	22° 9	8°44	F 21
S 22	20 0 29	29°39'30	27°13	25°51	28°15	24°11	22°18	22°56	26°12	17°12	12°21	27°R16	25°42	22°16	8°44	S 22
S 23	20 4 25	0♌36'48	11♋50	26°33	29°26	24°52	22°31	22°52	26°10	17°10	12°22	27°15	25°39	22°23	8°43	S 23
M24	20 8 22	1°34'06	26°46	27°11	0♋38	25°33	22°43	22°48	26° 8	17° 9	12°23	27°13	25°36	22°29	8°42	M24
T 25	20 12 19	2°31'25	11♌55	27°46	1°49	26°14	22°56	22°44	26° 6	17° 7	12°25	27° 9	25°32	22°36	8°42	T 25
W26	20 16 15	3°28'45	27° 5	28°16	3° 1	26°55	23° 9	22°40	26° 3	17° 6	12°26	27° 4	25°29	22°43	8°41	W26
T 27	20 20 12	4°26'05	12♍ 8	28°42	4°12	27°35	23°22	22°36	26° 1	17° 4	12°28	26°59	25°26	22°49	8°40	T 27
F 28	20 24 8	5°23'25	26°55	29° 4	5°24	28°16	23°34	22°31	25°59	17° 2	12°29	26°54	25°23	22°56	8°39	F 28
S 29	20 28 5	6°20'46	11♎19	29°21	6°36	28°57	23°47	22°27	25°57	17° 1	12°31	26°50	25°20	23° 3	8°38	S 29
S 30	20 32 1	7°18'07	25°17	29°34	7°48	29°38	24° 0	22°23	25°55	16°59	12°32	26°48	25°17	23°10	8°37	S 30
M31	20 35 58	8♌15'28	8♏49	29♌42	9♋ 0	0♋18	24♌13	22♒19	25♒52	16♒58	12♋33	26°D47	25♊13	23♒16	8♈36	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n 4	4n18	5n16	21n51	1n45	18n58	1s54	21n50	0s 2	16n 8	0n46	14s33	1s 8	13s17	0s45	15s36	0s 5	19n42	3s12	23n24	23n23	18s44	6n14	3n 1
S 2	23 0	1s21	5 2	21 26	1 41	19 13	1 52	21 57	0 1	16 5	0 46	14 34	1 8	13 17	0 45	15 37	0 5	19 42	3 12	23 24	23 23	18 42	6 14	3 1
M 3	22 55	6 48	4 31	20 59	1 36	19 27	1 50	22 3	0 1	16 1	0 46	14 35	1 8	13 18	0 45	15 37	0 5	19 42	3 12	23 24	23 23	18 41	6 14	3 1
T 4	22 50	11 50	3 46	20 31	1 30	19 41	1 48	22 10	0n 0	15 57	0 46	14 36	1 8	13 18	0 45	15 37	0 5	19 42	3 12	23 24	23 22	18 39	6 14	3 1
W 5	22 44	16 14	2 51	20 3	1 24	19 54	1 46	22 16	0 1	15 54	0 46	14 37	1 8	13 19	0 45	15 38	0 5	19 42	3 12	23 24	23 22	18 37	6 15	3 1
T 6	22 38	19 48	1 48	19 33	1 17	20 7	1 44	22 22	0 1	15 50	0 46	14 38	1 9	13 19	0 45	15 38	0 5	19 42	3 12	23 24	23 22	18 36	6 15	3 1
F 7	22 32	22 22	0 41	19 4	1 10	20 19	1 42	22 28	0 2	15 46	0 46	14 39	1 9	13 20	0 45	15 39	0 5	19 42	3 12	23 24	23 22	18 34	6 15	3 1
S 8	22 25	23 51	0s27	18 33	1 3	20 31	1 40	22 34	0 3	15 42	0 46	14 40	1 9	13 20	0 45	15 39	0 5	19 41	3 12	23 24	23 22	18 32	6 15	3 1
S 9	22 18	24 9	1 33	18 3	0 54	20 42	1 38	22 39	0 4	15 39	0 46	14 42	1 9	13 21	0 45	15 40	0 5	19 41	3 12	23 24	23 22	18 31	6 15	3 2
M10	22 11	23 19	2 33	17 32	0 46	20 53	1 35	22 45	0 4	15 35	0 46	14 43	1 9	13 22	0 45	15 40	0 5	19 41	3 12	23 24	23 22	18 29	6 15	3 2
T 11	22 3	21 26	3 27	17 1	0 37	21 3	1 33	22 50	0 5	15 31	0 46	14 44	1 9	13 22	0 46	15 40	0 5	19 41	3 12	23 24	23 22	18 27	6 16	3 2
W12	21 55	18 37	4 11	16 29	0 27	21 13	1 31	22 54	0 6	15 27	0 46	14 45	1 10	13 23	0 46	15 41	0 5	19 41	3 12	23 24	23 22	18 26	6 16	3 2
T 13	21 46	15 4	4 44	15 58	0 17	21 22	1 28	22 59	0 7	15 23	0 46	14 47	1 10	13 23	0 46	15 41	0 5	19 41	3 12	23 23	23 22	18 24	6 16	3 2
F 14	21 37	10 55	5 5	15 27	0 7	21 31	1 26	23 3	0 7	15 20	0 46	14 48	1 10	13 24	0 46	15 42	0 6	19 41	3 12	23 23	23 22	18 22	6 16	3 2
S 15	21 28	6 20	5 13	14 56	0s 4	21 39	1 24	23 7	0 8	15 16	0 46	14 49	1 10	13 25	0 46	15 42	0 6	19 41	3 12	23 23	23 22	18 20	6 16	3 2
S 16	21 18	1 28	5 8	14 25	0 15	21 46	1 21	23 11	0 9	15 12	0 46	14 50	1 10	13 25	0 46	15 43	0 6	19 41	3 12	23 23	23 21	18 19	6 16	3 2
M17	21 8	3n33	4 48	13 55	0 27	21 53	1 19	23 15	0 9	15 8	0 46	14 52	1 10	13 26	0 46	15 43	0 6	19 41	3 11	23 23	23 21	18 17	6 16	3 2
T 18	20 57	8 32	4 14	13 24	0 38	22 0	1 16	23 19	0 10	15 4	0 46	14 53	1 10	13 27	0 46	15 44	0 6	19 41	3 11	23 23	23 21	18 15	6 16	3 2
W19	20 47	13 18	3 27	12 55	0 50	22 5	1 13	23 22	0 11	15 0	0 46	14 54	1 11	13 27	0 46	15 44	0 6	19 40	3 11	23 23	23 21	18 13	6 16	3 3
T 20	20 36	17 35	2 27	12 26	1 3	22 10	1 11	23 25	0 12	14 56	0 46	14 56	1 11	13 28	0 46	15 44	0 6	19 40	3 11	23 23	23 21	18 12	6 16	3 3
F 21	20 24	21 4	1 17	11 58	1 15	22 15	1 8	23 28	0 12	14 52	0 46	14 57	1 11	13 29	0 46	15 45	0 6	19 40	3 11	23 23	23 21	18 10	6 15	3 3
S 22	20 12	23 23	0 0	11 30	1 28	22 19	1 5	23 30	0 13	14 48	0 46	14 59	1 11	13 30	0 46	15 45	0 6	19 40	3 11	23 23	23 21	18 8	6 15	3 3
S 23	20 0	24 12	1n19	11 4	1 41	22 22	1 3	23 33	0 14	14 44	0 46	15 0	1 11	13 30	0 46	15 46	0 6	19 40	3 11	23 23	23 21	18 7	6 15	3 3
M24	19 48	23 18	2 34	10 39	1 54	22 25	1 0	23 35	0 15	14 39	0 46	15 2	1 11	13 31	0 46	15 46	0 6	19 40	3 11	23 23	23 21	18 5	6 15	3 3
T 25	19 35	20 43	3 39	10 14	2 8	22 27	0 57	23 37	0 15	14 35	0 46	15 3	1 11	13 32	0 46	15 47	0 6	19 40	3 11	23 23	23 21	18 3	6 15	3 3
W26	19 22	16 41	4 29	9 51	2 21	22 29	0 54	23 39	0 16	14 31	0 46	15 4	1 11	13 32	0 46	15 47	0 6	19 40	3 11	23 23	23 20	18 1	6 15	3 3
T 27	19 8	11 37	5 0	9 30	2 34	22 30	0 52	23 41	0 17	14 27	0 46	15 6	1 12	13 33	0 46	15 48	0 6	19 40	3 11	23 23	23 20	17 59	6 14	3 3
F 28	18 54	5 59	5 10	9 10	2 48	22 30	0 49	23 42	0 18	14 23	0 46	15 7	1 12	13 34	0 46	15 48	0 6	19 40	3 11	23 23	23 20	17 58	6 14	3 3
S 29	18 40	0 9	5 1	8 52	3 1	22 29	0 46	23 43	0 18	14 19	0 46	15 9	1 12	13 35	0 46	15 49	0 6	19 39	3 11	23 23	23 20	17 56	6 14	3 3
S 30	18 26	5s32	4 33	8 35	3 14	22 28	0 43	23 44	0 19	14 14	0 46	15 10	1 12	13 35	0 46	15 49	0 6	19 39	3 11	23 23	23 20	17 54	6 14	3 4
M31	18n11	10s47	3n51	8n21	3s26	22n27	0s40	23n45	0n20	14n10	0n46	15s12	1s12	13s36	0s46	15s50	0s 6	19n39	3s11	23n23	23n20	17s52	6n13	3n 4

Julian Day Number = 2513452.5, Delta T = 136.06 sec
Ecliptic obliquity = 23°25'02, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°06'32, Lahiri = 26°13'32

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2169
geocentric

AUGUST 2169 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 39 54	9♌12'50	21♏58	29°R44	10♋11	0♋59	24♌26	22°R14	25°R50	16°R56	12♋35	26♊48	25♊10	23♒23	8°R35	T 1
W 2	20 43 51	10°10'13	4♐45	29♌42	11°23	1°39	24°39	22♒10	25♒48	16♒54	12°36	26°49	25° 7	23°30	8♈34	W 2
T 3	20 47 47	11° 7'36	17°14	29°34	12°35	2°19	24°51	22° 6	25°46	16°53	12°37	26°50	25° 4	23°36	8°33	T 3
F 4	20 51 44	12° 5'00	29°31	29°22	13°47	3° 0	25° 4	22° 1	25°43	16°51	12°39	26°R51	25° 1	23°43	8°32	F 4
S 5	20 55 41	13° 2'24	11♑37	29° 4	15° 0	3°40	25°17	21°57	25°41	16°49	12°40	26°50	24°57	23°50	8°31	S 5
S 6	20 59 37	13°59'49	23°36	28°41	16°12	4°20	25°30	21°53	25°39	16°48	12°41	26°46	24°54	23°56	8°29	S 6
M 7	21 3 34	14°57'15	5♒30	28°13	17°24	5° 0	25°43	21°48	25°36	16°46	12°43	26°41	24°51	24° 3	8°28	M 7
T 8	21 7 30	15°54'42	17°22	27°41	18°36	5°40	25°56	21°44	25°34	16°45	12°44	26°33	24°48	24°10	8°27	T 8
W 9	21 11 27	16°52'10	29°14	27° 4	19°49	6°20	26° 9	21°39	25°32	16°43	12°45	26°25	24°45	24°17	8°25	W 9
T 10	21 15 23	17°49'38	11♓ 6	26°24	21° 1	7° 0	26°22	21°35	25°29	16°41	12°47	26°15	24°42	24°23	8°24	T 10
F 11	21 19 20	18°47'08	23° 1	25°40	22°13	7°40	26°35	21°30	25°27	16°40	12°48	26° 5	24°38	24°30	8°22	F 11
S 12	21 23 16	19°44'39	5♈ 1	24°54	23°26	8°20	26°48	21°26	25°25	16°38	12°49	25°57	24°35	24°37	8°21	S 12
S 13	21 27 13	20°42'12	17° 9	24° 6	24°38	8°59	27° 2	21°21	25°22	16°36	12°50	25°50	24°32	24°43	8°19	S 13
M14	21 31 10	21°39'45	29°26	23°17	25°51	9°39	27°15	21°17	25°20	16°35	12°51	25°45	24°29	24°50	8°17	M14
T 15	21 35 6	22°37'20	11♉58	22°28	27° 4	10°19	27°28	21°12	25°17	16°33	12°53	25°43	24°26	24°57	8°16	T 15
W16	21 39 3	23°34'57	24°48	21°40	28°16	10°58	27°41	21° 8	25°15	16°32	12°54	25°D42	24°22	25° 4	8°14	W16
T 17	21 42 59	24°32'35	8♊ 0	20°54	29°29	11°38	27°54	21° 3	25°13	16°30	12°55	25°43	24°19	25°10	8°12	T 17
F 18	21 46 56	25°30'15	21°37	20°11	0♌42	12°17	28° 7	20°59	25°10	16°28	12°56	25°R43	24°16	25°17	8°10	F 18
S 19	21 50 52	26°27'56	5♋42	19°31	1°55	12°56	28°20	20°54	25° 8	16°27	12°57	25°43	24°13	25°24	8° 9	S 19
S 20	21 54 49	27°25'39	20°13	18°56	3° 7	13°36	28°33	20°50	25° 5	16°25	12°59	25°41	24°10	25°30	8° 7	S 20
M21	21 58 45	28°23'23	5♌ 7	18°26	4°20	14°15	28°46	20°45	25° 3	16°23	13° 0	25°36	24° 7	25°37	8° 5	M21
T 22	22 2 42	29°21'09	20°18	18° 2	5°33	14°54	29° 0	20°41	25° 1	16°22	13° 1	25°29	24° 3	25°44	8° 3	T 22
W23	22 6 39	0♍18'56	5♍36	17°45	6°46	15°33	29°13	20°36	24°58	16°20	13° 2	25°21	24° 0	25°50	8° 1	W23
T 24	22 10 35	1°16'44	20°50	17°34	8° 0	16°12	29°26	20°32	24°56	16°19	13° 3	25°11	23°57	25°57	7°59	T 24
F 25	22 14 32	2°14'33	5♎49	17°D31	9°13	16°51	29°39	20°28	24°54	16°17	13° 4	25° 2	23°54	26° 4	7°57	F 25
S 26	22 18 28	3°12'24	20°24	17°36	10°26	17°30	29°52	20°23	24°51	16°16	13° 5	24°54	23°51	26°11	7°54	S 26
S 27	22 22 25	4°10'16	4♏32	17°48	11°39	18° 9	0♍ 5	20°19	24°49	16°14	13° 6	24°48	23°48	26°17	7°52	S 27
M28	22 26 21	5° 8'09	18° 9	18° 9	12°52	18°47	0°18	20°15	24°46	16°13	13° 7	24°45	23°44	26°24	7°50	M28
T 29	22 30 18	6° 6'04	1♐19	18°37	14° 6	19°26	0°31	20°11	24°44	16°11	13° 8	24°D44	23°41	26°31	7°48	T 29
W30	22 34 14	7° 3'59	14° 4	19°13	15°19	20° 4	0°44	20° 6	24°42	16°10	13° 9	24°44	23°38	26°37	7°46	W30
T 31	22 38 11	8♍ 1'56	26♐30	19♌57	16♌32	20♋43	0♍57	20♒ 2	24♒40	16♒ 8	13♋10	24°R44	23♊35	26♒44	7♈43	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17n56	15s23	2n58	8n 8	3s39	22n24	0s37	23n45	0n20	14n 6	0n47	15s13	1s12	13s37	0s46	15s50	0s 6	19n39	3s11	23n23	23n20	17s51	6n13	3n 4
W 2	17 41	19 9	1 57	7 58	3 50	22 21	0 34	23 46	0 21	14 2	0 47	15 15	1 12	13 38	0 46	15 51	0 6	19 39	3 11	23 23	23 20	17 49	6 13	3 4
T 3	17 25	21 57	0 52	7 50	4 2	22 18	0 32	23 46	0 22	13 57	0 47	15 16	1 12	13 39	0 46	15 51	0 6	19 39	3 11	23 23	23 20	17 47	6 12	3 4
F 4	17 9	23 39	0s14	7 45	4 12	22 14	0 29	23 46	0 23	13 53	0 47	15 18	1 12	13 39	0 46	15 52	0 6	19 39	3 11	23 23	23 19	17 45	6 12	3 4
S 5	16 53	24 13	1 19	7 42	4 22	22 9	0 26	23 45	0 23	13 49	0 47	15 19	1 13	13 40	0 46	15 52	0 6	19 39	3 11	23 23	23 19	17 43	6 11	3 4
S 6	16 37	23 39	2 19	7 42	4 30	22 3	0 23	23 45	0 24	13 44	0 47	15 21	1 13	13 41	0 46	15 53	0 6	19 39	3 11	23 23	23 19	17 41	6 11	3 4
M 7	16 20	22 0	3 13	7 44	4 38	21 57	0 20	23 44	0 25	13 40	0 47	15 22	1 13	13 42	0 46	15 53	0 6	19 39	3 11	23 23	23 19	17 40	6 10	3 4
T 8	16 3	19 23	3 58	7 49	4 44	21 51	0 17	23 43	0 26	13 36	0 47	15 24	1 13	13 43	0 46	15 54	0 6	19 38	3 11	23 22	23 19	17 38	6 10	3 4
W 9	15 46	15 59	4 32	7 57	4 49	21 43	0 14	23 42	0 26	13 31	0 47	15 26	1 13	13 43	0 46	15 54	0 6	19 38	3 11	23 22	23 19	17 36	6 10	3 4
T 10	15 29	11 57	4 55	8 7	4 52	21 35	0 11	23 41	0 27	13 27	0 47	15 27	1 13	13 44	0 46	15 55	0 6	19 38	3 11	23 22	23 19	17 34	6 9	3 4
F 11	15 11	7 26	5 5	8 20	4 54	21 27	0 9	23 40	0 28	13 23	0 47	15 29	1 13	13 45	0 46	15 55	0 6	19 38	3 11	23 22	23 19	17 32	6 8	3 4
S 12	14 53	2 38	5 2	8 36	4 54	21 17	0 6	23 38	0 29	13 18	0 47	15 30	1 13	13 46	0 46	15 56	0 6	19 38	3 11	23 21	23 18	17 30	6 8	3 4
S 13	14 35	2n20	4 45	8 53	4 52	21 8	0 3	23 36	0 30	13 14	0 47	15 32	1 13	13 47	0 46	15 56	0 6	19 38	3 11	23 21	23 18	17 29	6 7	3 5
M14	14 16	7 17	4 15	9 13	4 48	20 57	0 0	23 34	0 30	13 9	0 47	15 33	1 13	13 47	0 46	15 57	0 6	19 38	3 11	23 21	23 18	17 27	6 7	3 5
T 15	13 58	12 3	3 32	9 34	4 42	20 46	0n 3	23 32	0 31	13 5	0 47	15 35	1 13	13 48	0 46	15 57	0 6	19 38	3 11	23 21	23 18	17 25	6 6	3 5
W16	13 39	16 24	2 38	9 56	4 34	20 35	0 5	23 30	0 32	13 0	0 47	15 36	1 14	13 49	0 46	15 58	0 6	19 38	3 11	23 21	23 18	17 23	6 5	3 5
T 17	13 20	20 5	1 33	10 19	4 25	20 22	0 8	23 27	0 33	12 56	0 47	15 38	1 14	13 50	0 46	15 58	0 6	19 38	3 11	23 21	23 18	17 21	6 5	3 5
F 18	13 0	22 47	0 22	10 43	4 14	20 10	0 11	23 24	0 33	12 51	0 47	15 39	1 14	13 51	0 46	15 59	0 6	19 37	3 11	23 21	23 18	17 19	6 4	3 5
S 19	12 41	24 11	0n53	11 7	4 2	19 56	0 13	23 21	0 34	12 47	0 47	15 41	1 14	13 51	0 46	15 59	0 6	19 37	3 11	23 21	23 17	17 17	6 3	3 5
S 20	12 21	23 59	2 7	11 31	3 48	19 42	0 16	23 18	0 35	12 42	0 47	15 42	1 14	13 52	0 46	16 0	0 6	19 37	3 11	23 21	23 17	17 15	6 3	3 5
M21	12 1	22 6	3 14	11 55	3 33	19 28	0 19	23 15	0 36	12 38	0 47	15 44	1 14	13 53	0 46	16 0	0 6	19 37	3 11	23 21	23 17	17 14	6 2	3 5
T 22	11 41	18 38	4 8	12 18	3 17	19 13	0 21	23 11	0 36	12 33	0 48	15 45	1 14	13 54	0 46	16 1	0 6	19 37	3 11	23 20	23 17	17 12	6 1	3 5
W23	11 21	13 52	4 45	12 39	3 0	18 57	0 24	23 8	0 37	12 29	0 48	15 47	1 14	13 55	0 46	16 1	0 6	19 37	3 11	23 20	23 17	17 10	6 1	3 5
T 24	11 1	8 15	5 2	12 59	2 42	18 41	0 27	23 4	0 38	12 24	0 48	15 48	1 14	13 55	0 46	16 2	0 6	19 37	3 11	23 20	23 17	17 8	6 0	3 5
F 25	10 40	2 15	4 58	13 17	2 24	18 24	0 29	23 0	0 39	12 20	0 48	15 50	1 14	13 56	0 46	16 2	0 6	19 37	3 11	23 19	23 17	17 6	5 59	3 5
S 26	10 19	3s44	4 34	13 32	2 6	18 7	0 32	22 56	0 39	12 15	0 48	15 51	1 14	13 57	0 46	16 3	0 6	19 37	3 11	23 19	23 16	17 4	5 58	3 5
S 27	9 58	9 21	3 54	13 46	1 48	17 49	0 34	22 51	0 40	12 11	0 48	15 52	1 14	13 58	0 46	16 3	0 6	19 36	3 11	23 19	23 16	17 2	5 57	3 5
M28	9 37	14 19	3 1	13 57	1 30	17 31	0 36	22 47	0 41	12 6	0 48	15 54	1 14	13 59	0 46	16 4	0 6	19 36	3 11	23 19	23 16	17 0	5 56	3 5
T 29	9 16	18 26	2 1	14 5	1 12	17 12	0 39	22 42	0 42	12 2	0 48	15 55	1 14	13 59	0 46	16 4	0 6	19 36	3 11	23 19	23 16	16 58	5 56	3 5
W30	8 55	21 32	0 56	14 11	0 55	16 53	0 41	22 37	0 43	11 57	0 48	15 57	1 14	14 0	0 46	16 5	0 6	19 36	3 11	23 19	23 16	16 56	5 55	3 5
T 31	8n33	23s32	0s 9	14n13	0s38	16n33	0n43	22n32	0n43	11n52	0n48	15s58	1s14	14s 1	0s46	16s 5	0s 6	19n36	3s11	23n19	23n16	16s54	5n54	3n 5

Julian Day Number = 2513483.5, Delta T = 136.13 sec
Ecliptic obliquity = 23°25'03, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°06'36, Lahiri = 26°13'36

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2169
geocentric

SEPTEMBER 2169 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 42 8	8♍59'55	8♉40	20♌48	17♌46	21♋21	1♍11	19°R58	24°R37	16°R 7	13♋11	24°R43	23♊32	26♒51	7°R41	F 1
S 2	22 46 4	9°57'54	20°40	21°47	18°59	22° 0	1°24	19♒54	24♒35	16♒ 5	13°12	24♊41	23°28	26°58	7♈39	S 2
S 3	22 50 1	10°55'55	2♒33	22°52	20°13	22°38	1°37	19°50	24°33	16° 4	13°13	24°35	23°25	27° 4	7°36	S 3
M 4	22 53 57	11°53'58	14°24	24° 4	21°26	23°16	1°50	19°46	24°30	16° 2	13°14	24°27	23°22	27°11	7°34	M 4
T 5	22 57 54	12°52'02	26°15	25°22	22°40	23°54	2° 3	19°42	24°28	16° 1	13°14	24°17	23°19	27°18	7°31	T 5
W 6	23 1 50	13°50'07	8♓ 8	26°46	23°54	24°32	2°16	19°38	24°26	15°59	13°15	24° 4	23°16	27°24	7°29	W 6
T 7	23 5 47	14°48'14	20° 5	28°14	25° 7	25°10	2°29	19°34	24°24	15°58	13°16	23°50	23°13	27°31	7°26	T 7
F 8	23 9 43	15°46'23	2♈ 6	29°47	26°21	25°48	2°41	19°30	24°22	15°57	13°17	23°37	23° 9	27°38	7°24	F 8
S 9	23 13 40	16°44'33	14°14	1♍25	27°35	26°26	2°54	19°27	24°19	15°55	13°18	23°24	23° 6	27°44	7°21	S 9
S 10	23 17 37	17°42'46	26°30	3° 6	28°49	27° 4	3° 7	19°23	24°17	15°54	13°18	23°14	23° 3	27°51	7°19	S 10
M11	23 21 33	18°41'00	8♉54	4°50	0♍ 2	27°41	3°20	19°19	24°15	15°53	13°19	23° 6	23° 0	27°58	7°16	M11
T 12	23 25 30	19°39'16	21°31	6°36	1°16	28°19	3°33	19°16	24°13	15°51	13°20	23° 2	22°57	28° 5	7°14	T 12
W13	23 29 26	20°37'35	4♊22	8°25	2°30	28°57	3°46	19°12	24°11	15°50	13°21	22°59	22°54	28°11	7°11	W13
T 14	23 33 23	21°35'55	17°31	10°15	3°44	29°34	3°59	19° 9	24° 9	15°49	13°21	22°59	22°50	28°18	7° 8	T 14
F 15	23 37 19	22°34'18	1♋ 1	12° 6	4°58	0♌11	4°11	19° 5	24° 7	15°48	13°22	22°59	22°47	28°25	7° 6	F 15
S 16	23 41 16	23°32'43	14°55	13°59	6°12	0°49	4°24	19° 2	24° 5	15°46	13°23	22°58	22°44	28°31	7° 3	S 16
S 17	23 45 12	24°31'10	29°13	15°52	7°26	1°26	4°37	18°59	24° 3	15°45	13°23	22°55	22°41	28°38	7° 0	S 17
M18	23 49 9	25°29'39	13♌53	17°45	8°41	2° 3	4°50	18°56	24° 1	15°44	13°24	22°50	22°38	28°45	6°58	M18
T 19	23 53 6	26°28'10	28°52	19°38	9°55	2°40	5° 2	18°52	23°59	15°43	13°24	22°42	22°34	28°52	6°55	T 19
W20	23 57 2	27°26'43	14♍ 0	21°32	11° 9	3°17	5°15	18°49	23°57	15°42	13°25	22°32	22°31	28°58	6°52	W20
T 21	0 0 59	28°25'18	29° 9	23°24	12°23	3°54	5°27	18°47	23°55	15°41	13°26	22°20	22°28	29° 5	6°50	T 21
F 22	0 4 55	29°23'55	14♎ 7	25°17	13°38	4°31	5°40	18°44	23°54	15°40	13°26	22° 9	22°25	29°12	6°47	F 22
S 23	0 8 52	0♎22'33	28°46	27° 9	14°52	5° 8	5°52	18°41	23°52	15°39	13°27	22° 0	22°22	29°18	6°44	S 23
S 24	0 12 48	1°21'14	12♏58	29° 0	16° 6	5°44	6° 5	18°38	23°50	15°38	13°27	21°53	22°19	29°25	6°41	S 24
M25	0 16 45	2°19'56	26°41	0♎50	17°21	6°21	6°17	18°36	23°48	15°37	13°27	21°48	22°15	29°32	6°39	M25
T 26	0 20 41	3°18'40	9♐56	2°40	18°35	6°57	6°30	18°33	23°47	15°36	13°28	21°46	22°12	29°39	6°36	T 26
W27	0 24 38	4°17'26	22°44	4°29	19°49	7°34	6°42	18°31	23°45	15°35	13°28	21°D46	22° 9	29°45	6°33	W27
T 28	0 28 35	5°16'13	5♑11	6°16	21° 4	8°10	6°54	18°28	23°43	15°34	13°29	21°R46	22° 6	29°52	6°30	T 28
F 29	0 32 31	6°15'03	17°21	8° 3	22°18	8°46	7° 7	18°26	23°42	15°33	13°29	21°46	22° 3	29°59	6°28	F 29
S 30	0 36 28	7♎13'53	29♑20	9♎50	23♍33	9♌22	7♍19	18♒24	23♒40	15♒32	13♋29	21♊43	21♊59	0♓ 5	6♈25	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	8n11	24s21	1s13	14n12	0s22	16n13	0n46	22n27	0n44	11n48	0n48	15s59	1s14	14s 2	0s46	16s 5	0s 6	19n36	3s11	23n19	23n16	16s52	5n53	3n 5
S 2	7 50	24 1	2 13	14 8	0 6	15 52	0 48	22 22	0 45	11 43	0 48	16 1	1 14	14 2	0 46	16 6	0 6	19 36	3 11	23 19	23 15	16 50	5 52	3 5
S 3	7 28	22 35	3 6	14 1	0n 8	15 31	0 50	22 16	0 46	11 39	0 48	16 2	1 14	14 3	0 46	16 6	0 6	19 36	3 11	23 18	23 15	16 48	5 51	3 5
M 4	7 6	20 10	3 51	13 50	0 22	15 10	0 52	22 11	0 47	11 34	0 48	16 3	1 14	14 4	0 46	16 7	0 6	19 36	3 11	23 18	23 15	16 46	5 50	3 5
T 5	6 43	16 55	4 25	13 36	0 35	14 48	0 54	22 5	0 47	11 30	0 49	16 4	1 15	14 5	0 46	16 7	0 6	19 36	3 11	23 18	23 15	16 44	5 49	3 5
W 6	6 21	12 58	4 48	13 19	0 47	14 25	0 56	21 59	0 48	11 25	0 49	16 6	1 15	14 5	0 46	16 8	0 6	19 36	3 11	23 17	23 15	16 43	5 48	3 5
T 7	5 59	8 31	4 59	12 58	0 57	14 3	0 58	21 53	0 49	11 20	0 49	16 7	1 15	14 6	0 46	16 8	0 6	19 35	3 11	23 16	23 15	16 41	5 47	3 5
F 8	5 36	3 42	4 57	12 35	1 7	13 40	1 0	21 47	0 50	11 16	0 49	16 8	1 15	14 7	0 46	16 8	0 6	19 35	3 11	23 16	23 14	16 39	5 46	3 5
S 9	5 14	1n18	4 41	12 9	1 16	13 16	1 2	21 40	0 50	11 11	0 49	16 9	1 15	14 8	0 46	16 9	0 6	19 35	3 11	23 15	23 14	16 37	5 45	3 5
S 10	4 51	6 18	4 11	11 39	1 23	12 52	1 3	21 34	0 51	11 7	0 49	16 11	1 15	14 8	0 46	16 9	0 6	19 35	3 11	23 15	23 14	16 35	5 44	3 5
M11	4 28	11 8	3 30	11 8	1 30	12 28	1 5	21 27	0 52	11 2	0 49	16 12	1 15	14 9	0 46	16 10	0 6	19 35	3 11	23 14	23 14	16 33	5 43	3 5
T 12	4 6	15 35	2 38	10 33	1 35	12 3	1 7	21 21	0 53	10 58	0 49	16 13	1 15	14 10	0 46	16 10	0 6	19 35	3 11	23 14	23 14	16 31	5 42	3 5
W13	3 43	19 25	1 37	9 57	1 40	11 38	1 8	21 14	0 54	10 53	0 49	16 14	1 15	14 10	0 46	16 10	0 6	19 35	3 11	23 14	23 14	16 29	5 41	3 5
T 14	3 20	22 21	0 29	9 19	1 43	11 13	1 10	21 7	0 54	10 49	0 49	16 15	1 15	14 11	0 46	16 11	0 6	19 35	3 11	23 14	23 13	16 27	5 40	3 5
F 15	2 57	24 7	0n42	8 39	1 46	10 47	1 11	20 59	0 55	10 44	0 49	16 16	1 15	14 12	0 46	16 11	0 6	19 35	3 11	23 14	23 13	16 25	5 39	3 5
S 16	2 34	24 27	1 53	7 57	1 48	10 21	1 13	20 52	0 56	10 39	0 50	16 17	1 15	14 12	0 46	16 12	0 6	19 35	3 11	23 14	23 13	16 23	5 38	3 5
S 17	2 11	23 13	2 59	7 14	1 49	9 55	1 14	20 45	0 57	10 35	0 50	16 18	1 15	14 13	0 46	16 12	0 6	19 35	3 11	23 14	23 13	16 20	5 37	3 5
M18	1 47	20 23	3 54	6 31	1 49	9 29	1 15	20 37	0 58	10 30	0 50	16 19	1 15	14 13	0 46	16 12	0 6	19 35	3 11	23 13	23 13	16 18	5 36	3 5
T 19	1 24	16 9	4 35	5 46	1 48	9 2	1 17	20 30	0 58	10 26	0 50	16 20	1 15	14 14	0 46	16 13	0 6	19 34	3 11	23 13	23 13	16 16	5 35	3 5
W20	1 1	10 51	4 57	5 0	1 47	8 35	1 18	20 22	0 59	10 21	0 50	16 21	1 15	14 15	0 46	16 13	0 6	19 34	3 11	23 12	23 12	16 14	5 33	3 5
T 21	0 38	4 54	4 58	4 14	1 45	8 7	1 19	20 14	1 0	10 17	0 50	16 22	1 15	14 15	0 46	16 13	0 6	19 34	3 11	23 12	23 12	16 12	5 32	3 5
F 22	0 14	1s17	4 39	3 27	1 43	7 40	1 20	20 6	1 1	10 12	0 50	16 23	1 15	14 16	0 46	16 14	0 6	19 34	3 11	23 11	23 12	16 10	5 31	3 5
S 23	0s 9	7 16	4 1	2 40	1 40	7 12	1 21	19 58	1 2	10 8	0 50	16 24	1 15	14 16	0 46	16 14	0 6	19 34	3 11	23 11	23 12	16 8	5 30	3 5
S 24	0 32	12 42	3 10	1 53	1 37	6 44	1 22	19 50	1 3	10 3	0 50	16 25	1 15	14 17	0 46	16 14	0 6	19 34	3 11	23 10	23 12	16 6	5 29	3 5
M25	0 56	17 19	2 9	1 5	1 33	6 16	1 23	19 42	1 3	9 59	0 51	16 25	1 15	14 18	0 46	16 15	0 6	19 34	3 11	23 10	23 11	16 4	5 28	3 5
T 26	1 19	20 53	1 2	0 18	1 29	5 48	1 24	19 33	1 4	9 54	0 51	16 26	1 15	14 18	0 46	16 15	0 6	19 34	3 11	23 10	23 11	16 2	5 27	3 5
W27	1 42	23 18	0s 5	0s29	1 24	5 19	1 24	19 25	1 5	9 50	0 51	16 27	1 15	14 19	0 46	16 15	0 6	19 34	3 11	23 10	23 11	16 0	5 26	3 5
T 28	2 6	24 29	1 11	1 17	1 19	4 50	1 25	19 16	1 6	9 45	0 51	16 28	1 14	14 19	0 46	16 15	0 6	19 34	3 11	23 10	23 11	15 58	5 24	3 5
F 29	2 29	24 28	2 11	2 4	1 14	4 22	1 26	19 7	1 7	9 41	0 51	16 28	1 14	14 20	0 46	16 16	0 6	19 34	3 11	23 10	23 11	15 56	5 23	3 5
S 30	2s52	23s17	3s 5	2s50	1n 9	3n53	1n26	18n59	1n 8	9n37	0n51	16s29	1s14	14s20	0s46	16s16	0s 6	19n34	3s11	23n10	23n11	15s54	5n22	3n 4

Julian Day Number = 2513514.5, Delta T = 136.19 sec
Ecliptic obliquity = 23°25'03, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°06'40, Lahiri = 26°13'41

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2169
geocentric

OCTOBER 2169 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 40 24	8♎12'46	11♒12	11♎35	24♍48	9♌58	7♍31	18°R22	23°R39	15°R31	13♋30	21°R39	21♊56	0♓12	6°R22	S 1
M 2	0 44 21	9°11'40	23° 3	13°19	26° 2	10°34	7°43	18♒20	23♒37	15♒30	13°30	21♊32	21°53	0°19	6♈19	M 2
T 3	0 48 17	10°10'36	4♓55	15° 2	27°17	11°10	7°55	18°18	23°36	15°29	13°30	21°22	21°50	0°26	6°16	T 3
W 4	0 52 14	11° 9'34	16°52	16°45	28°31	11°46	8° 7	18°16	23°35	15°29	13°30	21°10	21°47	0°32	6°14	W 4
T 5	0 56 10	12° 8'34	28°55	18°26	29°46	12°21	8°19	18°14	23°33	15°28	13°31	20°58	21°44	0°39	6°11	T 5
F 6	1 0 7	13° 7'36	11♈ 6	20° 7	1♎ 1	12°57	8°31	18°12	23°32	15°27	13°31	20°45	21°40	0°46	6° 8	F 6
S 7	1 4 3	14° 6'39	23°26	21°47	2°15	13°32	8°43	18°11	23°31	15°27	13°31	20°34	21°37	0°52	6° 6	S 7
S 8	1 8 0	15° 5'45	5♉56	23°26	3°30	14° 8	8°54	18° 9	23°29	15°26	13°31	20°24	21°34	0°59	6° 3	S 8
M 9	1 11 57	16° 4'53	18°35	25° 5	4°45	14°43	9° 6	18° 8	23°28	15°25	13°31	20°17	21°31	1° 6	6° 0	M 9
T 10	1 15 53	17° 4'03	1♊25	26°42	6° 0	15°18	9°18	18° 7	23°27	15°25	13°31	20°13	21°28	1°13	5°57	T 10
W11	1 19 50	18° 3'16	14°28	28°19	7°15	15°53	9°29	18° 6	23°26	15°24	13°31	20°D11	21°25	1°19	5°55	W11
T 12	1 23 46	19° 2'31	27°43	29°55	8°29	16°28	9°41	18° 4	23°25	15°24	13°32	20°12	21°21	1°26	5°52	T 12
F 13	1 27 43	20° 1'48	11♋15	1♏30	9°44	17° 3	9°52	18° 3	23°24	15°23	13°32	20°12	21°18	1°33	5°49	F 13
S 14	1 31 39	21° 1'07	25° 3	3° 4	10°59	17°38	10° 3	18° 3	23°23	15°23	13°R32	20°R12	21°15	1°39	5°47	S 14
S 15	1 35 36	22° 0'29	9♌ 9	4°38	12°14	18°12	10°15	18° 2	23°22	15°22	13°32	20°11	21°12	1°46	5°44	S 15
M16	1 39 32	22°59'53	23°32	6°11	13°29	18°47	10°26	18° 1	23°21	15°22	13°31	20° 8	21° 9	1°53	5°41	M16
T 17	1 43 29	23°59'19	8♍10	7°44	14°44	19°21	10°37	18° 1	23°20	15°22	13°31	20° 2	21° 5	2° 0	5°39	T 17
W18	1 47 26	24°58'48	22°56	9°15	15°59	19°56	10°48	18° 0	23°20	15°21	13°31	19°54	21° 2	2° 6	5°36	W18
T 19	1 51 22	25°58'19	7♎44	10°47	17°14	20°30	10°59	18° 0	23°19	15°21	13°31	19°46	20°59	2°13	5°34	T 19
F 20	1 55 19	26°57'51	22°25	12°17	18°29	21° 4	11°10	17°59	23°18	15°21	13°31	19°37	20°56	2°20	5°31	F 20
S 21	1 59 15	27°57'26	6♏52	13°47	19°44	21°38	11°21	17°59	23°18	15°21	13°31	19°30	20°53	2°26	5°29	S 21
S 22	2 3 12	28°57'03	20°58	15°16	20°59	22°12	11°32	17°D59	23°17	15°20	13°31	19°24	20°50	2°33	5°26	S 22
M23	2 7 8	29°56'42	4♐39	16°44	22°14	22°46	11°42	17°59	23°17	15°20	13°31	19°21	20°46	2°40	5°24	M23
T 24	2 11 5	0♏56'23	17°55	18°12	23°29	23°19	11°53	17°59	23°16	15°20	13°30	19°D20	20°43	2°47	5°21	T 24
W25	2 15 1	1°56'05	0♑47	19°39	24°45	23°53	12° 3	18° 0	23°16	15°20	13°30	19°20	20°40	2°53	5°19	W25
T 26	2 18 58	2°55'49	13°17	21° 5	26° 0	24°26	12°14	18° 0	23°15	15°20	13°30	19°22	20°37	3° 0	5°16	T 26
F 27	2 22 55	3°55'35	25°30	22°31	27°15	24°59	12°24	18° 0	23°15	15°D20	13°29	19°23	20°34	3° 7	5°14	F 27
S 28	2 26 51	4°55'23	7♒31	23°56	28°30	25°32	12°34	18° 1	23°15	15°20	13°29	19°R23	20°31	3°13	5°12	S 28
S 29	2 30 48	5°55'12	19°25	25°20	29°45	26° 5	12°44	18° 2	23°14	15°20	13°29	19°22	20°27	3°20	5°10	S 29
M30	2 34 44	6°55'03	1♓16	26°43	1♏ 0	26°38	12°54	18° 2	23°14	15°20	13°28	19°19	20°24	3°27	5° 7	M30
T 31	2 38 41	7♏54'55	13♓10	28♏ 5	2♏16	27♌11	13♍ 4	18♒ 3	23♒14	15♒20	13♋28	19♊14	20♊21	3♓34	5♈ 5	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3s15	21s 5	3s50	3s37	1n 3	3n23	1n26	18n50	1n 8	9n32	0n51	16s30	1s14	14s21	0s46	16s16	0s 6	19n34	3s11	23n 9	23n10	15s52	5n21	3n 4
M 2	3 38	18 0	4 26	4 23	0 57	2 54	1 27	18 41	1 9	9 28	0 51	16 30	1 14	14 21	0 46	16 16	0 6	19 34	3 11	23 9	23 10	15 50	5 20	3 4
T 3	4 2	14 11	4 49	5 8	0 51	2 25	1 27	18 32	1 10	9 23	0 52	16 31	1 14	14 21	0 46	16 17	0 6	19 34	3 11	23 8	23 10	15 47	5 19	3 4
W 4	4 25	9 48	5 1	5 54	0 44	1 55	1 27	18 23	1 11	9 19	0 52	16 31	1 14	14 22	0 45	16 17	0 6	19 34	3 11	23 7	23 10	15 45	5 17	3 4
T 5	4 48	5 0	4 59	6 38	0 38	1 26	1 28	18 14	1 12	9 15	0 52	16 32	1 14	14 22	0 45	16 17	0 6	19 34	3 11	23 7	23 10	15 43	5 16	3 4
F 6	5 11	0n 3	4 43	7 22	0 31	0 56	1 28	18 4	1 13	9 10	0 52	16 32	1 14	14 23	0 45	16 17	0 6	19 34	3 11	23 6	23 9	15 41	5 15	3 4
S 7	5 34	5 10	4 14	8 6	0 25	0 27	1 28	17 55	1 14	9 6	0 52	16 33	1 14	14 23	0 45	16 18	0 6	19 34	3 11	23 5	23 9	15 39	5 14	3 4
S 8	5 56	10 9	3 32	8 49	0 18	0s 3	1 28	17 46	1 14	9 2	0 52	16 33	1 14	14 23	0 45	16 18	0 6	19 33	3 11	23 4	23 9	15 37	5 13	3 4
M 9	6 19	14 47	2 40	9 31	0 11	0 33	1 28	17 36	1 15	8 58	0 52	16 33	1 14	14 24	0 45	16 18	0 6	19 33	3 11	23 4	23 9	15 35	5 11	3 4
T 10	6 42	18 49	1 38	10 13	0 4	1 2	1 27	17 27	1 16	8 53	0 53	16 34	1 14	14 24	0 45	16 18	0 6	19 33	3 11	23 3	23 9	15 33	5 10	3 4
W11	7 5	22 0	0 31	10 54	0s 3	1 32	1 27	17 17	1 17	8 49	0 53	16 34	1 14	14 25	0 45	16 18	0 6	19 33	3 11	23 3	23 8	15 30	5 9	3 3
T 12	7 27	24 4	0n40	11 35	0 10	2 2	1 27	17 7	1 18	8 45	0 53	16 34	1 14	14 25	0 45	16 18	0 6	19 33	3 11	23 3	23 8	15 28	5 8	3 3
F 13	7 49	24 46	1 50	12 15	0 17	2 32	1 27	16 58	1 19	8 41	0 53	16 35	1 14	14 25	0 45	16 19	0 6	19 33	3 11	23 3	23 8	15 26	5 7	3 3
S 14	8 12	23 58	2 55	12 54	0 24	3 1	1 26	16 48	1 20	8 37	0 53	16 35	1 14	14 25	0 45	16 19	0 6	19 33	3 12	23 3	23 8	15 24	5 6	3 3
S 15	8 34	21 40	3 51	13 32	0 31	3 31	1 26	16 38	1 20	8 33	0 53	16 35	1 14	14 26	0 45	16 19	0 6	19 33	3 12	23 3	23 8	15 22	5 5	3 3
M16	8 56	17 57	4 33	14 10	0 38	4 1	1 25	16 28	1 21	8 28	0 53	16 35	1 14	14 26	0 45	16 19	0 6	19 33	3 12	23 3	23 7	15 20	5 3	3 3
T 17	9 18	13 7	4 59	14 47	0 45	4 30	1 25	16 18	1 22	8 24	0 54	16 35	1 14	14 26	0 45	16 19	0 6	19 33	3 12	23 3	23 7	15 18	5 2	3 3
W18	9 40	7 28	5 5	15 23	0 51	5 0	1 24	16 8	1 23	8 20	0 54	16 36	1 14	14 26	0 45	16 19	0 6	19 33	3 12	23 2	23 7	15 15	5 1	3 3
T 19	10 1	1 23	4 51	15 58	0 58	5 29	1 23	15 58	1 24	8 16	0 54	16 36	1 14	14 27	0 45	16 19	0 6	19 33	3 12	23 1	23 7	15 13	5 0	3 2
F 20	10 23	4s44	4 17	16 32	1 5	5 58	1 22	15 48	1 25	8 12	0 54	16 36	1 14	14 27	0 45	16 19	0 6	19 33	3 12	23 1	23 6	15 11	4 59	3 2
S 21	10 44	10 31	3 28	17 6	1 12	6 27	1 21	15 38	1 26	8 8	0 54	16 36	1 14	14 27	0 45	16 19	0 6	19 33	3 12	23 0	23 6	15 9	4 58	3 2
S 22	11 5	15 37	2 27	17 39	1 18	6 56	1 21	15 28	1 27	8 4	0 54	16 36	1 14	14 27	0 45	16 20	0 7	19 33	3 12	23 0	23 6	15 7	4 57	3 2
M23	11 27	19 46	1 18	18 10	1 25	7 25	1 20	15 18	1 28	8 0	0 55	16 36	1 14	14 27	0 45	16 20	0 7	19 33	3 12	22 59	23 6	15 5	4 55	3 2
T 24	11 47	22 45	0 8	18 41	1 31	7 54	1 19	15 8	1 29	7 57	0 55	16 35	1 13	14 27	0 45	16 20	0 7	19 33	3 12	22 59	23 6	15 2	4 54	3 2
W25	12 8	24 26	1s 1	19 11	1 37	8 22	1 17	14 57	1 30	7 53	0 55	16 35	1 13	14 27	0 45	16 20	0 7	19 33	3 12	22 59	23 5	15 0	4 53	3 2
T 26	12 29	24 50	2 6	19 40	1 43	8 51	1 16	14 47	1 30	7 49	0 55	16 35	1 13	14 28	0 45	16 20	0 7	19 33	3 12	23 0	23 5	14 58	4 52	3 1
F 27	12 49	24 1	3 3	20 8	1 49	9 19	1 15	14 37	1 31	7 45	0 55	16 35	1 13	14 28	0 45	16 20	0 7	19 33	3 12	23 0	23 5	14 56	4 51	3 1
S 28	13 9	22 5	3 51	20 35	1 55	9 47	1 14	14 27	1 32	7 41	0 55	16 35	1 13	14 28	0 45	16 20	0 7	19 33	3 12	23 0	23 5	14 54	4 50	3 1
S 29	13 29	19 14	4 28	21 1	2 0	10 15	1 12	14 16	1 33	7 38	0 56	16 35	1 13	14 28	0 45	16 20	0 7	19 33	3 12	23 0	23 4	14 51	4 49	3 1
M30	13 49	15 35	4 54	21 26	2 6	10 42	1 11	14 6	1 34	7 34	0 56	16 34	1 13	14 28	0 45	16 20	0 7	19 33	3 12	22 59	23 4	14 49	4 48	3 1
T 31	14s 8	11s20	5s 8	21s50	2s11	11s 9	1n10	13n56	1n35	7n30	0n56	16s34	1s13	14s28	0s45	16s20	0s 7	19n33	3s12	22n59	23n 4	14s47	4n47	3n 1

Julian Day Number = 2513544.5, Delta T = 136.26 sec
Ecliptic obliquity = 23°25'04, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°06'44, Lahiri = 26°13'45

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2169
geocentric

NOVEMBER 2169 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 42 37	8♏54'49	25♓10	29♏26	3♏31	27♌44	13♍14	18♒ 4	23°R14	15♒20	13°R28	19°R 8	20♊18	3♓40	5°R 3	W 1
T 2	2 46 34	9°54'45	7♈20	0♐47	4°46	28°16	13°24	18° 5	23°D14	15°20	13♋27	19♊ 1	20°15	3°47	5♈ 1	T 2
F 3	2 50 30	10°54'43	19°40	2° 6	6° 1	28°48	13°34	18° 6	23♒14	15°21	13°27	18°54	20°11	3°54	4°59	F 3
S 4	2 54 27	11°54'42	2♉14	3°24	7°16	29°21	13°43	18° 8	23°14	15°21	13°26	18°47	20° 8	4° 0	4°56	S 4
S 5	2 58 24	12°54'43	15° 0	4°41	8°32	29°53	13°53	18° 9	23°14	15°21	13°26	18°42	20° 5	4° 7	4°54	S 5
M 6	3 2 20	13°54'46	28° 0	5°56	9°47	0♍24	14° 2	18°10	23°15	15°22	13°25	18°38	20° 2	4°14	4°52	M 6
T 7	3 6 17	14°54'52	11♊12	7°10	11° 2	0°56	14°11	18°12	23°15	15°22	13°25	18°36	19°59	4°21	4°50	T 7
W 8	3 10 13	15°54'59	24°36	8°22	12°17	1°28	14°20	18°14	23°15	15°22	13°24	18°D36	19°56	4°27	4°49	W 8
T 9	3 14 10	16°55'08	8♋11	9°32	13°33	1°59	14°29	18°15	23°15	15°23	13°24	18°37	19°52	4°34	4°47	T 9
F 10	3 18 6	17°55'19	21°56	10°40	14°48	2°31	14°38	18°17	23°16	15°23	13°23	18°39	19°49	4°41	4°45	F 10
S 11	3 22 3	18°55'32	5♌51	11°45	16° 3	3° 2	14°47	18°19	23°16	15°24	13°22	18°40	19°46	4°47	4°43	S 11
S 12	3 25 59	19°55'47	19°55	12°48	17°19	3°33	14°55	18°21	23°17	15°24	13°22	18°R41	19°43	4°54	4°41	S 12
M13	3 29 56	20°56'04	4♍ 7	13°48	18°34	4° 3	15° 4	18°23	23°17	15°25	13°21	18°40	19°40	5° 1	4°40	M13
T 14	3 33 53	21°56'23	18°25	14°44	19°49	4°34	15°12	18°26	23°18	15°25	13°20	18°38	19°37	5° 8	4°38	T 14
W15	3 37 49	22°56'44	2♎45	15°37	21° 5	5° 5	15°21	18°28	23°18	15°26	13°20	18°35	19°33	5°14	4°36	W15
T 16	3 41 46	23°57'07	17° 5	16°25	22°20	5°35	15°29	18°30	23°19	15°27	13°19	18°32	19°30	5°21	4°35	T 16
F 17	3 45 42	24°57'32	1♏18	17° 8	23°35	6° 5	15°37	18°33	23°20	15°27	13°18	18°28	19°27	5°28	4°33	F 17
S 18	3 49 39	25°57'59	15°20	17°46	24°51	6°35	15°45	18°36	23°21	15°28	13°17	18°25	19°24	5°34	4°32	S 18
S 19	3 53 35	26°58'27	29° 7	18°18	26° 6	7° 5	15°52	18°38	23°21	15°29	13°17	18°23	19°21	5°41	4°30	S 19
M20	3 57 32	27°58'57	12♐36	18°43	27°22	7°34	16° 0	18°41	23°22	15°30	13°16	18°D22	19°17	5°48	4°29	M20
T 21	4 1 28	28°59'28	25°44	19° 1	28°37	8° 4	16° 8	18°44	23°23	15°30	13°15	18°22	19°14	5°55	4°28	T 21
W22	4 5 25	0♐ 0'01	8♑33	19°10	29°52	8°33	16°15	18°47	23°24	15°31	13°14	18°23	19°11	6° 1	4°26	W22
T 23	4 9 22	1° 0'35	21° 4	19°R10	1♐ 8	9° 2	16°22	18°50	23°25	15°32	13°13	18°24	19° 8	6° 8	4°25	T 23
F 24	4 13 18	2° 1'11	3♒18	19° 0	2°23	9°30	16°29	18°54	23°26	15°33	13°12	18°26	19° 5	6°15	4°24	F 24
S 25	4 17 15	3° 1'47	15°21	18°41	3°39	9°59	16°36	18°57	23°28	15°34	13°12	18°27	19° 2	6°22	4°23	S 25
S 26	4 21 11	4° 2'25	27°16	18°10	4°54	10°27	16°43	19° 0	23°29	15°35	13°11	18°28	18°58	6°28	4°22	S 26
M27	4 25 8	5° 3'04	9♓ 9	17°29	6° 9	10°56	16°50	19° 4	23°30	15°36	13°10	18°R28	18°55	6°35	4°21	M27
T 28	4 29 4	6° 3'44	21° 3	16°37	7°25	11°23	16°56	19° 7	23°31	15°37	13° 9	18°27	18°52	6°42	4°20	T 28
W29	4 33 1	7° 4'25	3♈ 4	15°36	8°40	11°51	17° 2	19°11	23°33	15°38	13° 8	18°26	18°49	6°48	4°19	W29
T 30	4 36 57	8♐ 5'07	15♈15	14♐26	9♐56	12♍19	17♍ 9	19♒15	23♒34	15♒39	13♋ 7	18♊25	18♊46	6♓55	4♈18	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14s27	6s37	5s 8	22s13	2s15	11s36	1n 8	13n45	1n36	7n27	0n56	16s34	1s13	14s28	0s45	16s20	0s 7	19n33	3s12	22n58	23n 4	14s45	4n46	3n 0
T 2	14 46	1 36	4 54	22 35	2 20	12 3	1 7	13 35	1 37	7 23	0 56	16 33	1 13	14 28	0 45	16 20	0 7	19 33	3 12	22 58	23 4	14 42	4 45	3 0
F 3	15 5	3n35	4 26	22 55	2 24	12 30	1 5	13 25	1 38	7 20	0 57	16 33	1 13	14 28	0 45	16 20	0 7	19 33	3 12	22 57	23 3	14 40	4 44	3 0
S 4	15 24	8 42	3 45	23 14	2 28	12 56	1 3	13 14	1 39	7 16	0 57	16 32	1 13	14 28	0 44	16 19	0 7	19 33	3 12	22 57	23 3	14 38	4 43	3 0
S 5	15 42	13 34	2 53	23 32	2 32	13 22	1 2	13 4	1 40	7 13	0 57	16 32	1 13	14 28	0 44	16 19	0 7	19 34	3 12	22 56	23 3	14 36	4 42	3 0
M 6	16 0	17 55	1 50	23 49	2 35	13 47	1 0	12 54	1 41	7 9	0 57	16 31	1 13	14 27	0 44	16 19	0 7	19 34	3 12	22 56	23 3	14 33	4 41	3 0
T 7	16 18	21 26	0 40	24 5	2 38	14 12	0 58	12 43	1 42	7 6	0 57	16 31	1 13	14 27	0 44	16 19	0 7	19 34	3 12	22 56	23 2	14 31	4 40	2 59
W 8	16 35	23 51	0n33	24 19	2 40	14 37	0 56	12 33	1 43	7 3	0 58	16 30	1 13	14 27	0 44	16 19	0 7	19 34	3 12	22 56	23 2	14 29	4 39	2 59
T 9	16 52	24 55	1 45	24 32	2 42	15 1	0 55	12 23	1 44	6 59	0 58	16 30	1 13	14 27	0 44	16 19	0 7	19 34	3 12	22 56	23 2	14 27	4 38	2 59
F 10	17 9	24 28	2 52	24 43	2 43	15 25	0 53	12 12	1 45	6 56	0 58	16 29	1 13	14 27	0 44	16 19	0 7	19 34	3 12	22 56	23 2	14 24	4 37	2 59
S 11	17 26	22 31	3 50	24 53	2 44	15 49	0 51	12 2	1 46	6 53	0 58	16 28	1 13	14 27	0 44	16 19	0 7	19 34	3 12	22 56	23 1	14 22	4 36	2 59
S 12	17 42	19 10	4 35	25 2	2 44	16 12	0 49	11 52	1 47	6 50	0 58	16 28	1 12	14 27	0 44	16 19	0 7	19 34	3 12	22 56	23 1	14 20	4 36	2 58
M13	17 58	14 42	5 3	25 9	2 44	16 35	0 47	11 41	1 48	6 47	0 59	16 27	1 12	14 26	0 44	16 18	0 7	19 34	3 12	22 56	23 1	14 18	4 35	2 58
T 14	18 14	9 23	5 13	25 14	2 43	16 58	0 45	11 31	1 49	6 44	0 59	16 26	1 12	14 26	0 44	16 18	0 7	19 34	3 12	22 56	23 1	14 15	4 34	2 58
W15	18 30	3 33	5 4	25 18	2 41	17 19	0 43	11 21	1 50	6 41	0 59	16 26	1 12	14 26	0 44	16 18	0 7	19 34	3 12	22 56	23 0	14 13	4 33	2 58
T 16	18 45	2s27	4 36	25 20	2 38	17 41	0 41	11 11	1 51	6 38	0 59	16 25	1 12	14 26	0 44	16 18	0 7	19 34	3 12	22 55	23 0	14 11	4 32	2 58
F 17	18 59	8 19	3 50	25 21	2 34	18 2	0 38	11 1	1 52	6 35	0 59	16 24	1 12	14 25	0 44	16 18	0 7	19 34	3 12	22 55	23 0	14 8	4 31	2 57
S 18	19 14	13 41	2 52	25 20	2 29	18 23	0 36	10 51	1 53	6 32	1 0	16 23	1 12	14 25	0 44	16 17	0 7	19 34	3 12	22 55	23 0	14 6	4 31	2 57
S 19	19 28	18 15	1 44	25 17	2 23	18 43	0 34	10 40	1 54	6 29	1 0	16 22	1 12	14 25	0 44	16 17	0 7	19 34	3 12	22 55	22 59	14 4	4 30	2 57
M20	19 42	21 46	0 32	25 12	2 16	19 2	0 32	10 30	1 55	6 26	1 0	16 21	1 12	14 24	0 44	16 17	0 7	19 34	3 12	22 55	22 59	14 1	4 29	2 57
T 21	19 55	24 2	0s41	25 5	2 7	19 21	0 30	10 20	1 57	6 24	1 0	16 20	1 12	14 24	0 44	16 17	0 7	19 35	3 12	22 55	22 59	13 59	4 28	2 57
W22	20 8	24 57	1 49	24 56	1 57	19 40	0 27	10 11	1 58	6 21	1 1	16 19	1 12	14 24	0 44	16 17	0 7	19 35	3 12	22 55	22 59	13 57	4 28	2 56
T 23	20 21	24 35	2 51	24 44	1 46	19 57	0 25	10 1	1 59	6 18	1 1	16 18	1 12	14 23	0 44	16 16	0 7	19 35	3 12	22 55	22 58	13 55	4 27	2 56
F 24	20 33	23 1	3 43	24 31	1 33	20 15	0 23	9 51	2 0	6 16	1 1	16 17	1 12	14 23	0 44	16 16	0 7	19 35	3 12	22 55	22 58	13 52	4 26	2 56
S 25	20 45	20 26	4 25	24 15	1 19	20 32	0 20	9 41	2 1	6 13	1 1	16 16	1 12	14 23	0 44	16 16	0 7	19 35	3 12	22 55	22 58	13 50	4 26	2 56
S 26	20 56	17 1	4 55	23 56	1 3	20 48	0 18	9 31	2 2	6 11	1 1	16 15	1 12	14 22	0 44	16 15	0 7	19 35	3 12	22 55	22 58	13 48	4 25	2 56
M27	21 7	12 57	5 12	23 35	0 46	21 3	0 16	9 22	2 3	6 9	1 2	16 14	1 12	14 22	0 44	16 15	0 7	19 35	3 12	22 55	22 57	13 45	4 24	2 55
T 28	21 18	8 23	5 16	23 12	0 27	21 18	0 13	9 12	2 4	6 6	1 2	16 13	1 12	14 21	0 44	16 15	0 7	19 35	3 12	22 55	22 57	13 43	4 24	2 55
W29	21 28	3 28	5 6	22 46	0 8	21 33	0 11	9 3	2 6	6 4	1 2	16 12	1 12	14 21	0 44	16 15	0 7	19 35	3 12	22 55	22 57	13 41	4 23	2 55
T 30	21s38	1n39	4s42	22s18	0n12	21s47	0n 9	8n53	2n 7	6n 2	1n 2	16s10	1s12	14s20	0s44	16s14	0s 7	19n35	3s12	22n55	22n57	13s38	4n23	2n55

Julian Day Number = 2513575.5, Delta T = 136.33 sec
Ecliptic obliquity = 23°25'04, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°06'49, Lahiri = 26°13'49

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2169
geocentric

DECEMBER 2169 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 40 54	9♐ 5'50	27♈41	13°R 9	11♐11	12♍46	17♍15	19♒18	23♒35	15♒40	13°R 6	18°R23	18♊42	7♓ 2	4°R17	F 1
S 2	4 44 51	10° 6'34	10♉23	11♐49	12°26	13°13	17°20	19°22	23°37	15°41	13♋ 5	18♊22	18°39	7° 9	4♈16	S 2
S 3	4 48 47	11° 7'20	23°24	10°26	13°42	13°40	17°26	19°26	23°38	15°43	13° 4	18°21	18°36	7°15	4°16	S 3
M 4	4 52 44	12° 8'06	6♊43	9° 4	14°57	14° 6	17°32	19°30	23°40	15°44	13° 3	18°21	18°33	7°22	4°15	M 4
T 5	4 56 40	13° 8'54	20°19	7°47	16°13	14°32	17°37	19°35	23°42	15°45	13° 2	18°D21	18°30	7°29	4°14	T 5
W 6	5 0 37	14° 9'43	4♋10	6°35	17°28	14°58	17°42	19°39	23°43	15°46	13° 1	18°21	18°27	7°35	4°14	W 6
T 7	5 4 33	15°10'33	18°13	5°32	18°43	15°24	17°48	19°43	23°45	15°48	13° 0	18°21	18°23	7°42	4°13	T 7
F 8	5 8 30	16°11'25	2♌25	4°38	19°59	15°50	17°52	19°48	23°47	15°49	12°59	18°21	18°20	7°49	4°13	F 8
S 9	5 12 27	17°12'17	16°40	3°56	21°14	16°15	17°57	19°52	23°49	15°50	12°58	18°22	18°17	7°56	4°13	S 9
S 10	5 16 23	18°13'11	0♍56	3°25	22°30	16°40	18° 2	19°57	23°50	15°52	12°56	18°R22	18°14	8° 2	4°12	S 10
M11	5 20 20	19°14'07	15°10	3° 5	23°45	17° 5	18° 6	20° 1	23°52	15°53	12°55	18°D22	18°11	8° 9	4°12	M11
T 12	5 24 16	20°15'03	29°20	2°D57	25° 1	17°29	18°10	20° 6	23°54	15°55	12°54	18°22	18° 8	8°16	4°12	T 12
W13	5 28 13	21°16'00	13♎22	2°59	26°16	17°53	18°15	20°11	23°56	15°56	12°53	18°22	18° 4	8°23	4°12	W13
T 14	5 32 9	22°16'59	27°16	3°10	27°31	18°17	18°18	20°15	23°58	15°58	12°52	18°22	18° 1	8°29	4°11	T 14
F 15	5 36 6	23°17'59	11♏ 1	3°31	28°47	18°40	18°22	20°20	24° 0	15°59	12°51	18°23	17°58	8°36	4°D11	F 15
S 16	5 40 2	24°19'00	24°34	4° 0	0♑ 2	19° 4	18°26	20°25	24° 2	16° 1	12°50	18°23	17°55	8°43	4°11	S 16
S 17	5 43 59	25°20'02	7♐54	4°36	1°18	19°26	18°29	20°30	24° 5	16° 2	12°48	18°24	17°52	8°49	4°12	S 17
M18	5 47 56	26°21'05	21° 1	5°18	2°33	19°49	18°32	20°36	24° 7	16° 4	12°47	18°R24	17°48	8°56	4°12	M18
T 19	5 51 52	27°22'09	3♑54	6° 7	3°49	20°11	18°35	20°41	24° 9	16° 6	12°46	18°23	17°45	9° 3	4°12	T 19
W20	5 55 49	28°23'13	16°32	7° 0	5° 4	20°33	18°38	20°46	24°11	16° 7	12°45	18°22	17°42	9°10	4°12	W20
T 21	5 59 45	29°24'18	28°57	7°58	6°20	20°54	18°41	20°51	24°14	16° 9	12°44	18°21	17°39	9°16	4°12	T 21
F 22	6 3 42	0♑25'23	11♒ 9	9° 0	7°35	21°16	18°43	20°57	24°16	16°11	12°43	18°19	17°36	9°23	4°13	F 22
S 23	6 7 38	1°26'28	23°11	10° 5	8°50	21°36	18°45	21° 2	24°18	16°12	12°41	18°17	17°33	9°30	4°13	S 23
S 24	6 11 35	2°27'34	5♓ 6	11°13	10° 6	21°57	18°48	21° 8	24°21	16°14	12°40	18°15	17°29	9°36	4°14	S 24
M25	6 15 31	3°28'40	16°58	12°24	11°21	22°17	18°49	21°13	24°23	16°16	12°39	18°14	17°26	9°43	4°14	M25
T 26	6 19 28	4°29'47	28°51	13°37	12°37	22°36	18°51	21°19	24°26	16°18	12°38	18°13	17°23	9°50	4°15	T 26
W27	6 23 25	5°30'53	10♈50	14°52	13°52	22°56	18°53	21°25	24°28	16°20	12°36	18°D13	17°20	9°57	4°15	W27
T 28	6 27 21	6°32'00	22°59	16° 9	15° 8	23°14	18°54	21°31	24°31	16°21	12°35	18°14	17°17	10° 3	4°16	T 28
F 29	6 31 18	7°33'06	5♉23	17°28	16°23	23°33	18°55	21°36	24°33	16°23	12°34	18°15	17°14	10°10	4°17	F 29
S 30	6 35 14	8°34'13	18° 6	18°48	17°38	23°51	18°56	21°42	24°36	16°25	12°33	18°17	17°10	10°17	4°18	S 30
S 31	6 39 11	9♑35'20	1♊11	20♐ 9	18♑54	24♍ 8	18♍57	21♒48	24♒39	16♒27	12♋32	18♊18	17♊ 7	10♓24	4♈19	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21s48	6n49	4s 5	21s49	0n33	22s 0	0n 6	8n44	2n 8	6n 0	1n 3	16s 9	1s12	14s20	0s44	16s14	0s 7	19n35	3s12	22n55	22n56	13s36	4n22	2n55
S 2	21 57	11 50	3 15	21 18	0 53	22 12	0 4	8 35	2 9	5 58	1 3	16 8	1 12	14 19	0 44	16 14	0 7	19 36	3 12	22 55	22 56	13 33	4 22	2 54
S 3	22 5	16 27	2 14	20 48	1 13	22 24	0 2	8 25	2 10	5 56	1 3	16 7	1 11	14 19	0 43	16 13	0 7	19 36	3 12	22 54	22 56	13 31	4 21	2 54
M 4	22 14	20 22	1 4	20 17	1 31	22 35	0s 1	8 16	2 11	5 54	1 3	16 5	1 11	14 18	0 43	16 13	0 7	19 36	3 12	22 54	22 55	13 29	4 21	2 54
T 5	22 21	23 15	0n11	19 49	1 48	22 46	0 3	8 7	2 13	5 52	1 4	16 4	1 11	14 18	0 43	16 12	0 7	19 36	3 12	22 54	22 55	13 26	4 20	2 54
W 6	22 29	24 48	1 27	19 22	2 3	22 55	0 6	7 58	2 14	5 50	1 4	16 2	1 11	14 17	0 43	16 12	0 7	19 36	3 12	22 54	22 55	13 24	4 20	2 53
T 7	22 36	24 47	2 38	18 59	2 15	23 4	0 8	7 49	2 15	5 48	1 4	16 1	1 11	14 16	0 43	16 12	0 7	19 36	3 12	22 54	22 55	13 22	4 20	2 53
F 8	22 42	23 11	3 41	18 39	2 26	23 13	0 10	7 41	2 16	5 47	1 4	16 0	1 11	14 16	0 43	16 11	0 7	19 36	3 12	22 54	22 54	13 19	4 19	2 53
S 9	22 48	20 7	4 30	18 24	2 34	23 21	0 13	7 32	2 18	5 45	1 5	15 58	1 11	14 15	0 43	16 11	0 7	19 36	3 12	22 54	22 54	13 17	4 19	2 53
S 10	22 54	15 51	5 3	18 12	2 40	23 28	0 15	7 23	2 19	5 43	1 5	15 57	1 11	14 15	0 43	16 11	0 7	19 37	3 12	22 55	22 54	13 14	4 19	2 53
M11	22 59	10 42	5 17	18 4	2 44	23 34	0 18	7 15	2 20	5 42	1 5	15 55	1 11	14 14	0 43	16 10	0 7	19 37	3 12	22 55	22 54	13 12	4 18	2 52
T 12	23 4	5 2	5 11	18 1	2 46	23 39	0 20	7 7	2 21	5 41	1 5	15 54	1 11	14 13	0 43	16 10	0 7	19 37	3 12	22 55	22 53	13 10	4 18	2 52
W13	23 8	0s51	4 48	18 1	2 46	23 44	0 22	6 58	2 23	5 39	1 6	15 52	1 11	14 13	0 43	16 9	0 7	19 37	3 12	22 55	22 53	13 7	4 18	2 52
T 14	23 12	6 39	4 7	18 4	2 45	23 48	0 25	6 50	2 24	5 38	1 6	15 51	1 11	14 12	0 43	16 9	0 7	19 37	3 12	22 55	22 53	13 5	4 17	2 52
F 15	23 15	12 4	3 13	18 10	2 43	23 52	0 27	6 42	2 25	5 37	1 6	15 49	1 11	14 11	0 43	16 8	0 7	19 37	3 12	22 55	22 52	13 2	4 17	2 51
S 16	23 18	16 49	2 8	18 19	2 40	23 54	0 29	6 34	2 27	5 36	1 7	15 47	1 11	14 10	0 43	16 8	0 7	19 37	3 12	22 55	22 52	13 0	4 17	2 51
S 17	23 20	20 39	0 58	18 30	2 35	23 56	0 32	6 27	2 28	5 34	1 7	15 46	1 11	14 10	0 43	16 7	0 7	19 37	3 11	22 55	22 52	12 58	4 17	2 51
M18	23 22	23 21	0s15	18 42	2 30	23 57	0 34	6 19	2 29	5 33	1 7	15 44	1 11	14 9	0 43	16 7	0 7	19 38	3 11	22 55	22 52	12 55	4 17	2 51
T 19	23 23	24 46	1 25	18 56	2 24	23 58	0 36	6 11	2 31	5 33	1 7	15 42	1 11	14 8	0 43	16 7	0 7	19 38	3 11	22 55	22 51	12 53	4 16	2 50
W20	23 24	24 52	2 30	19 11	2 18	23 57	0 38	6 4	2 32	5 32	1 8	15 41	1 11	14 7	0 43	16 6	0 7	19 38	3 11	22 55	22 51	12 50	4 16	2 50
T 21	23 25	23 43	3 26	19 28	2 11	23 56	0 40	5 57	2 33	5 31	1 8	15 39	1 11	14 7	0 43	16 6	0 7	19 38	3 11	22 54	22 51	12 48	4 16	2 50
F 22	23 25	21 27	4 12	19 44	2 4	23 55	0 43	5 50	2 35	5 30	1 8	15 37	1 11	14 6	0 43	16 5	0 7	19 38	3 11	22 54	22 50	12 46	4 16	2 50
S 23	23 25	18 17	4 46	20 1	1 57	23 52	0 45	5 43	2 36	5 30	1 8	15 35	1 11	14 5	0 43	16 5	0 7	19 38	3 11	22 54	22 50	12 43	4 16	2 50
S 24	23 24	14 24	5 8	20 18	1 49	23 49	0 47	5 36	2 37	5 29	1 9	15 34	1 11	14 4	0 43	16 4	0 7	19 39	3 11	22 54	22 50	12 41	4 16	2 49
M25	23 22	9 59	5 16	20 36	1 41	23 45	0 49	5 30	2 39	5 29	1 9	15 32	1 11	14 3	0 43	16 3	0 7	19 39	3 11	22 54	22 49	12 38	4 16	2 49
T 26	23 20	5 12	5 10	20 53	1 33	23 40	0 51	5 23	2 40	5 28	1 9	15 30	1 11	14 2	0 43	16 3	0 7	19 39	3 11	22 54	22 49	12 36	4 16	2 49
W27	23 18	0 12	4 52	21 9	1 25	23 34	0 53	5 17	2 42	5 28	1 9	15 28	1 11	14 2	0 43	16 2	0 7	19 39	3 11	22 54	22 49	12 33	4 16	2 49
T 28	23 15	4n54	4 20	21 26	1 17	23 28	0 55	5 11	2 43	5 28	1 10	15 26	1 11	14 1	0 43	16 2	0 7	19 39	3 11	22 54	22 49	12 31	4 16	2 48
F 29	23 12	9 55	3 35	21 42	1 8	23 21	0 57	5 5	2 45	5 27	1 10	15 24	1 11	14 0	0 43	16 1	0 7	19 39	3 11	22 54	22 48	12 28	4 16	2 48
S 30	23 8	14 40	2 39	21 57	1 0	23 14	0 59	4 59	2 46	5 27	1 10	15 22	1 11	13 59	0 43	16 1	0 7	19 39	3 11	22 54	22 48	12 26	4 17	2 48
S 31	23s 4	18n52	1s33	22s11	0n52	23s 5	1s 1	4n53	2n48	5n27	1n11	15s20	1s11	13s58	0s43	16s 0	0s 7	19n40	3s11	22n54	22n48	12s23	4n17	2n48

Julian Day Number = 2513605.5, Delta T = 136.39 sec
Ecliptic obliquity = 23°25'03, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°06'53, Lahiri = 26°13'53

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2170
geocentric

JANUARY 2170 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 43 7	10♑36'27	14♊41	21♐32	20♑ 9	24♍25	18♍57	21♒54	24♒41	16♒29	12°R30	18°R19	17♊ 4	10♓30	4♈19	M 1
T 2	6 47 4	11°37'34	28°34	22°55	21°25	24°42	18°58	22° 0	24°44	16°31	12♋29	18♊19	17° 1	10°37	4°20	T 2
W 3	6 51 0	12°38'41	12♋49	24°19	22°40	24°58	18°R58	22° 6	24°47	16°33	12°28	18°17	16°58	10°44	4°21	W 3
T 4	6 54 57	13°39'48	27°20	25°45	23°55	25°14	18°58	22°13	24°50	16°35	12°27	18°15	16°55	10°50	4°23	T 4
F 5	6 58 54	14°40'55	12♌ 2	27°11	25°11	25°29	18°58	22°19	24°52	16°37	12°25	18°11	16°51	10°57	4°24	F 5
S 6	7 2 50	15°42'03	26°47	28°37	26°26	25°44	18°57	22°25	24°55	16°39	12°24	18° 7	16°48	11° 4	4°25	S 6
S 7	7 6 47	16°43'11	11♍27	0♑ 4	27°41	25°58	18°57	22°31	24°58	16°41	12°23	18° 3	16°45	11°11	4°26	S 7
M 8	7 10 43	17°44'18	25°57	1°32	28°57	26°12	18°56	22°38	25° 1	16°43	12°22	18° 0	16°42	11°17	4°27	M 8
T 9	7 14 40	18°45'27	10♎12	3° 1	0♒12	26°25	18°55	22°44	25° 4	16°45	12°20	17°58	16°39	11°24	4°29	T 9
W10	7 18 36	19°46'35	24°11	4°30	1°27	26°38	18°54	22°51	25° 7	16°47	12°19	17°D58	16°35	11°31	4°30	W10
T 11	7 22 33	20°47'43	7♏52	5°59	2°43	26°50	18°52	22°57	25°10	16°49	12°18	17°59	16°32	11°38	4°32	T 11
F 12	7 26 29	21°48'52	21°17	7°29	3°58	27° 2	18°51	23° 4	25°13	16°51	12°17	18° 1	16°29	11°44	4°33	F 12
S 13	7 30 26	22°50'01	4♐26	9° 0	5°13	27°13	18°49	23°10	25°16	16°53	12°16	18° 2	16°26	11°51	4°35	S 13
S 14	7 34 23	23°51'09	17°23	10°31	6°29	27°23	18°47	23°17	25°19	16°55	12°14	18°R 3	16°23	11°58	4°36	S 14
M15	7 38 19	24°52'18	0♑ 7	12° 2	7°44	27°33	18°45	23°23	25°22	16°58	12°13	18° 2	16°20	12° 4	4°38	M15
T 16	7 42 16	25°53'27	12°40	13°34	8°59	27°42	18°42	23°30	25°25	17° 0	12°12	18° 0	16°16	12°11	4°40	T 16
W17	7 46 12	26°54'35	25° 3	15° 7	10°14	27°51	18°40	23°37	25°28	17° 2	12°11	17°55	16°13	12°18	4°41	W17
T 18	7 50 9	27°55'42	7♒17	16°40	11°30	27°59	18°37	23°44	25°32	17° 4	12°10	17°48	16°10	12°25	4°43	T 18
F 19	7 54 5	28°56'49	19°23	18°13	12°45	28° 7	18°34	23°50	25°35	17° 6	12° 8	17°40	16° 7	12°31	4°45	F 19
S 20	7 58 2	29°57'56	1♓22	19°47	14° 0	28°13	18°31	23°57	25°38	17° 8	12° 7	17°32	16° 4	12°38	4°47	S 20
S 21	8 1 59	0♒59'02	13°15	21°21	15°15	28°19	18°28	24° 4	25°41	17°11	12° 6	17°24	16° 1	12°45	4°49	S 21
M22	8 5 55	2° 0'07	25° 6	22°56	16°31	28°25	18°24	24°11	25°44	17°13	12° 5	17°16	15°57	12°51	4°51	M22
T 23	8 9 52	3° 1'11	6♈58	24°32	17°46	28°29	18°21	24°18	25°48	17°15	12° 4	17°11	15°54	12°58	4°53	T 23
W24	8 13 48	4° 2'15	18°54	26° 8	19° 1	28°34	18°17	24°25	25°51	17°17	12° 3	17° 7	15°51	13° 5	4°55	W24
T 25	8 17 45	5° 3'17	0♉59	27°45	20°16	28°37	18°13	24°32	25°54	17°20	12° 1	17°D 6	15°48	13°12	4°57	T 25
F 26	8 21 41	6° 4'19	13°17	29°22	21°31	28°40	18° 9	24°39	25°58	17°22	12° 0	17° 6	15°45	13°18	4°59	F 26
S 27	8 25 38	7° 5'19	25°55	1♒ 0	22°46	28°41	18° 5	24°46	26° 1	17°24	11°59	17° 7	15°41	13°25	5° 2	S 27
S 28	8 29 34	8° 6'19	8♊56	2°38	24° 2	28°43	18° 0	24°53	26° 4	17°26	11°58	17° 8	15°38	13°32	5° 4	S 28
M29	8 33 31	9° 7'18	22°23	4°17	25°17	28°R43	17°55	25° 0	26° 8	17°29	11°57	17°R 8	15°35	13°39	5° 6	M29
T 30	8 37 28	10° 8'15	6♋20	5°57	26°32	28°43	17°51	25° 7	26°11	17°31	11°56	17° 7	15°32	13°45	5° 9	T 30
W31	8 41 24	11♒ 9'12	20♋44	7♒38	27♒47	28♍42	17♍46	25♒14	26♒14	17♒33	11♋55	17♊ 3	15♊29	13♓52	5♈11	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23s 0	22n12	0s20	22s25	0n44	22s56	1s 2	4n48	2n49	5n27	1n11	15s19	1s11	13s57	0s43	16s 0	0s 7	19n40	3s11	22n54	22n47	12s21	4n17	2n48
T 2	22 55	24 21	0n56	22 38	0 36	22 46	1 4	4 43	2 51	5 27	1 11	15 17	1 11	13 56	0 43	15 59	0 7	19 40	3 11	22 54	22 47	12 18	4 17	2 47
W 3	22 49	24 58	2 11	22 50	0 28	22 36	1 6	4 38	2 52	5 28	1 11	15 15	1 11	13 55	0 43	15 58	0 7	19 40	3 11	22 54	22 47	12 16	4 17	2 47
T 4	22 43	23 55	3 18	23 1	0 20	22 25	1 8	4 33	2 54	5 28	1 12	15 13	1 11	13 54	0 43	15 58	0 7	19 40	3 11	22 54	22 46	12 14	4 17	2 47
F 5	22 37	21 13	4 13	23 11	0 12	22 13	1 9	4 28	2 55	5 28	1 12	15 11	1 11	13 53	0 43	15 57	0 7	19 40	3 11	22 54	22 46	12 11	4 18	2 47
S 6	22 30	17 8	4 52	23 20	0 4	22 0	1 11	4 24	2 57	5 29	1 12	15 8	1 11	13 52	0 43	15 57	0 7	19 41	3 11	22 53	22 46	12 9	4 18	2 46
S 7	22 22	12 3	5 11	23 28	0s 3	21 47	1 12	4 20	2 58	5 29	1 13	15 6	1 11	13 51	0 43	15 56	0 7	19 41	3 10	22 53	22 46	12 6	4 18	2 46
M 8	22 15	6 21	5 10	23 35	0 11	21 33	1 14	4 15	3 0	5 30	1 13	15 4	1 11	13 50	0 43	15 56	0 7	19 41	3 10	22 53	22 45	12 4	4 19	2 46
T 9	22 6	0 24	4 50	23 41	0 18	21 19	1 15	4 12	3 1	5 30	1 13	15 2	1 11	13 49	0 43	15 55	0 7	19 41	3 10	22 52	22 45	12 1	4 19	2 46
W10	21 58	5s27	4 13	23 45	0 25	21 4	1 17	4 8	3 3	5 31	1 13	15 0	1 11	13 48	0 42	15 54	0 7	19 41	3 10	22 52	22 45	11 59	4 19	2 46
T 11	21 49	10 56	3 22	23 49	0 32	20 48	1 18	4 5	3 4	5 32	1 14	14 58	1 11	13 47	0 42	15 54	0 7	19 42	3 10	22 53	22 44	11 56	4 20	2 45
F 12	21 39	15 48	2 21	23 51	0 39	20 32	1 19	4 2	3 6	5 33	1 14	14 56	1 11	13 46	0 42	15 53	0 7	19 42	3 10	22 53	22 44	11 54	4 20	2 45
S 13	21 29	19 48	1 14	23 52	0 45	20 15	1 20	3 59	3 8	5 34	1 14	14 54	1 11	13 45	0 42	15 52	0 7	19 42	3 10	22 53	22 44	11 51	4 20	2 45
S 14	21 19	22 45	0 4	23 51	0 52	19 57	1 22	3 56	3 9	5 35	1 14	14 52	1 11	13 44	0 42	15 52	0 7	19 42	3 10	22 53	22 43	11 48	4 21	2 45
M15	21 8	24 30	1s 5	23 50	0 58	19 39	1 23	3 53	3 11	5 36	1 15	14 49	1 11	13 43	0 42	15 51	0 7	19 42	3 10	22 53	22 43	11 46	4 21	2 45
T 16	20 57	24 58	2 10	23 47	1 4	19 20	1 24	3 51	3 12	5 37	1 15	14 47	1 11	13 42	0 42	15 50	0 7	19 42	3 10	22 53	22 43	11 43	4 22	2 44
W17	20 45	24 10	3 7	23 43	1 9	19 1	1 25	3 49	3 14	5 38	1 15	14 45	1 11	13 41	0 42	15 50	0 7	19 43	3 10	22 52	22 42	11 41	4 22	2 44
T 18	20 33	22 13	3 55	23 37	1 15	18 41	1 26	3 48	3 16	5 39	1 16	14 43	1 11	13 40	0 42	15 49	0 7	19 43	3 10	22 52	22 42	11 38	4 23	2 44
F 19	20 21	19 18	4 32	23 30	1 20	18 21	1 26	3 46	3 17	5 41	1 16	14 41	1 11	13 39	0 42	15 49	0 7	19 43	3 10	22 51	22 42	11 36	4 23	2 44
S 20	20 8	15 35	4 56	23 22	1 25	18 0	1 27	3 45	3 19	5 42	1 16	14 38	1 11	13 38	0 42	15 48	0 7	19 43	3 10	22 50	22 41	11 33	4 24	2 44
S 21	19 55	11 18	5 7	23 12	1 30	17 39	1 28	3 44	3 21	5 44	1 16	14 36	1 11	13 37	0 42	15 47	0 7	19 43	3 9	22 49	22 41	11 31	4 25	2 43
M22	19 42	6 37	5 5	23 1	1 35	17 17	1 29	3 43	3 22	5 45	1 17	14 34	1 11	13 36	0 42	15 47	0 7	19 44	3 9	22 49	22 41	11 28	4 25	2 43
T 23	19 28	1 41	4 50	22 49	1 39	16 55	1 29	3 43	3 24	5 47	1 17	14 31	1 11	13 34	0 42	15 46	0 7	19 44	3 9	22 48	22 40	11 26	4 26	2 43
W24	19 14	3n21	4 22	22 35	1 43	16 32	1 30	3 43	3 26	5 49	1 17	14 29	1 11	13 33	0 42	15 45	0 7	19 44	3 9	22 48	22 40	11 23	4 27	2 43
T 25	18 59	8 19	3 43	22 20	1 47	16 9	1 30	3 43	3 27	5 50	1 17	14 27	1 11	13 32	0 42	15 45	0 7	19 44	3 9	22 48	22 40	11 21	4 27	2 43
F 26	18 44	13 5	2 52	22 3	1 50	15 45	1 31	3 44	3 29	5 52	1 18	14 25	1 11	13 31	0 42	15 44	0 7	19 44	3 9	22 48	22 39	11 18	4 28	2 42
S 27	18 29	17 24	1 52	21 45	1 53	15 21	1 31	3 44	3 30	5 54	1 18	14 22	1 11	13 30	0 42	15 43	0 7	19 44	3 9	22 48	22 39	11 15	4 29	2 42
S 28	18 13	21 3	0 44	21 26	1 56	14 56	1 31	3 45	3 32	5 56	1 18	14 20	1 11	13 29	0 42	15 43	0 7	19 45	3 9	22 48	22 39	11 13	4 29	2 42
M29	17 58	23 40	0n28	21 5	1 58	14 31	1 32	3 47	3 34	5 58	1 18	14 18	1 11	13 28	0 42	15 42	0 7	19 45	3 9	22 48	22 38	11 10	4 30	2 42
T 30	17 41	24 57	1 41	20 43	2 0	14 6	1 32	3 48	3 35	6 0	1 19	14 15	1 11	13 26	0 42	15 41	0 7	19 45	3 9	22 48	22 38	11 8	4 31	2 42
W31	17s25	24n37	2n50	20s19	2s 2	13s40	1s32	3n50	3n37	6n 3	1n19	14s13	1s11	13s25	0s42	15s41	0s 7	19n45	3s 9	22n47	22n38	11s 5	4n32	2n41

Julian Day Number = 2513636.5, Delta T = 136.46 sec
Ecliptic obliquity = 23°25'03, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°06'57, Lahiri = 26°13'58

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2170
geocentric

FEBRUARY 2170 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 45 21	12♒10'07	5♌32	9♒19	29♒ 2	28°R40	17°R40	25♒21	26♒18	17♒35	11°R54	16°R56	15♊26	13♓59	5♈13	T 1
F 2	8 49 17	13°11'02	20°36	11° 0	0♓17	28♍38	17♍35	25°28	26°21	17°38	11♋53	16♊48	15°22	14° 5	5°16	F 2
S 3	8 53 14	14°11'55	5♍47	12°43	1°32	28°34	17°30	25°35	26°25	17°40	11°52	16°39	15°19	14°12	5°18	S 3
S 4	8 57 10	15°12'48	20°53	14°26	2°47	28°30	17°24	25°43	26°28	17°42	11°51	16°30	15°16	14°19	5°21	S 4
M 5	9 1 7	16°13'39	5♎46	16°10	4° 2	28°25	17°18	25°50	26°31	17°44	11°50	16°22	15°13	14°26	5°23	M 5
T 6	9 5 3	17°14'30	20°19	17°54	5°17	28°20	17°12	25°57	26°35	17°47	11°49	16°17	15°10	14°32	5°26	T 6
W 7	9 9 0	18°15'20	4♏27	19°39	6°32	28°13	17° 6	26° 4	26°38	17°49	11°48	16°14	15° 6	14°39	5°29	W 7
T 8	9 12 57	19°16'09	18° 9	21°25	7°46	28° 6	17° 0	26°11	26°42	17°51	11°47	16°D13	15° 3	14°46	5°31	T 8
F 9	9 16 53	20°16'58	1♐29	23°12	9° 1	27°58	16°54	26°19	26°45	17°54	11°46	16°13	15° 0	14°53	5°34	F 9
S 10	9 20 50	21°17'45	14°27	24°59	10°16	27°49	16°48	26°26	26°49	17°56	11°45	16°R14	14°57	14°59	5°37	S 10
S 11	9 24 46	22°18'32	27° 9	26°47	11°31	27°39	16°41	26°33	26°52	17°58	11°44	16°13	14°54	15° 6	5°40	S 11
M12	9 28 43	23°19'18	9♑37	28°35	12°46	27°29	16°35	26°40	26°56	18° 0	11°43	16°11	14°51	15°13	5°43	M12
T 13	9 32 39	24°20'02	21°54	0♓24	14° 1	27°18	16°28	26°48	26°59	18° 3	11°42	16° 5	14°47	15°19	5°46	T 13
W14	9 36 36	25°20'46	4♒ 3	2°13	15°15	27° 6	16°21	26°55	27° 2	18° 5	11°42	15°57	14°44	15°26	5°48	W14
T 15	9 40 32	26°21'28	16° 6	4° 3	16°30	26°53	16°14	27° 2	27° 6	18° 7	11°41	15°46	14°41	15°33	5°51	T 15
F 16	9 44 29	27°22'08	28° 4	5°52	17°45	26°40	16° 7	27° 9	27° 9	18°10	11°40	15°33	14°38	15°40	5°54	F 16
S 17	9 48 26	28°22'48	9♓59	7°42	18°59	26°25	16° 0	27°17	27°13	18°12	11°39	15°19	14°35	15°46	5°57	S 17
S 18	9 52 22	29°23'25	21°51	9°31	20°14	26°10	15°53	27°24	27°16	18°14	11°38	15° 5	14°32	15°53	6° 0	S 18
M19	9 56 19	0♓24'02	3♈42	11°21	21°29	25°55	15°45	27°31	27°20	18°16	11°37	14°52	14°28	16° 0	6° 3	M19
T 20	10 0 15	1°24'36	15°35	13° 9	22°43	25°38	15°38	27°38	27°23	18°18	11°37	14°41	14°25	16° 6	6° 7	T 20
W21	10 4 12	2°25'09	27°31	14°57	23°58	25°21	15°30	27°46	27°27	18°21	11°36	14°34	14°22	16°13	6°10	W21
T 22	10 8 8	3°25'40	9♉35	16°43	25°12	25° 3	15°23	27°53	27°30	18°23	11°35	14°29	14°19	16°20	6°13	T 22
F 23	10 12 5	4°26'10	21°51	18°28	26°27	24°45	15°15	28° 0	27°34	18°25	11°35	14°27	14°16	16°27	6°16	F 23
S 24	10 16 1	5°26'37	4♊23	20°11	27°41	24°26	15° 8	28° 7	27°37	18°27	11°34	14°D26	14°12	16°33	6°19	S 24
S 25	10 19 58	6°27'03	17°16	21°51	28°56	24° 7	15° 0	28°14	27°41	18°30	11°33	14°R26	14° 9	16°40	6°22	S 25
M26	10 23 54	7°27'27	0♋36	23°28	0♈10	23°47	14°52	28°22	27°44	18°32	11°33	14°25	14° 6	16°47	6°26	M26
T 27	10 27 51	8°27'49	14°24	25° 2	1°25	23°26	14°44	28°29	27°47	18°34	11°32	14°23	14° 3	16°54	6°29	T 27
W28	10 31 48	9♓28'09	28♋42	26♓31	2♈39	23♍ 5	14♍37	28♒36	27♒51	18♒36	11♋31	14♊18	14♊ 0	17♓ 0	6♈32	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s 8	22n34	3n49	19s54	2s 3	13s14	1s32	3n52	3n38	6n 5	1n19	14s11	1s11	13s24	0s42	15s40	0s 7	19n45	3s 8	22n47	22n37	11s 2	4n32	2n41
F 2	16 51	18 56	4 34	19 27	2 4	12 48	1 32	3 54	3 40	6 7	1 19	14 8	1 11	13 23	0 42	15 39	0 7	19 46	3 8	22 46	22 37	11 0	4 33	2 41
S 3	16 33	14 1	4 59	18 59	2 5	12 21	1 32	3 57	3 41	6 9	1 19	14 6	1 11	13 22	0 42	15 38	0 7	19 46	3 8	22 45	22 37	10 57	4 34	2 41
S 4	16 16	8 15	5 3	18 29	2 5	11 54	1 31	4 0	3 43	6 12	1 20	14 3	1 11	13 21	0 42	15 38	0 7	19 46	3 8	22 44	22 36	10 55	4 35	2 41
M 5	15 58	2 6	4 47	17 58	2 5	11 26	1 31	4 3	3 44	6 14	1 20	14 1	1 11	13 19	0 42	15 37	0 7	19 46	3 8	22 43	22 36	10 52	4 36	2 41
T 6	15 39	4s 1	4 13	17 25	2 4	10 58	1 31	4 7	3 46	6 17	1 20	13 59	1 11	13 18	0 42	15 36	0 7	19 46	3 8	22 43	22 36	10 50	4 37	2 40
W 7	15 21	9 48	3 24	16 51	2 3	10 30	1 30	4 11	3 47	6 19	1 20	13 56	1 11	13 17	0 42	15 36	0 7	19 47	3 8	22 42	22 35	10 47	4 38	2 40
T 8	15 2	14 55	2 24	16 16	2 2	10 2	1 30	4 15	3 49	6 22	1 20	13 54	1 11	13 16	0 42	15 35	0 7	19 47	3 8	22 42	22 35	10 44	4 38	2 40
F 9	14 43	19 10	1 18	15 39	1 59	9 34	1 29	4 19	3 50	6 24	1 21	13 51	1 11	13 15	0 42	15 34	0 7	19 47	3 8	22 42	22 35	10 42	4 39	2 40
S 10	14 23	22 21	0 9	15 1	1 57	9 5	1 29	4 24	3 51	6 27	1 21	13 49	1 12	13 14	0 42	15 34	0 7	19 47	3 8	22 42	22 34	10 39	4 40	2 40
S 11	14 4	24 21	0s58	14 21	1 54	8 36	1 28	4 29	3 53	6 30	1 21	13 47	1 12	13 12	0 42	15 33	0 7	19 47	3 7	22 42	22 34	10 36	4 41	2 39
M12	13 44	25 5	2 1	13 40	1 50	8 6	1 27	4 34	3 54	6 32	1 21	13 44	1 12	13 11	0 42	15 32	0 7	19 47	3 7	22 42	22 33	10 34	4 42	2 39
T 13	13 24	24 33	2 57	12 58	1 46	7 37	1 26	4 40	3 55	6 35	1 21	13 42	1 12	13 10	0 42	15 32	0 7	19 48	3 7	22 42	22 33	10 31	4 43	2 39
W14	13 4	22 52	3 45	12 15	1 41	7 7	1 26	4 46	3 56	6 38	1 22	13 39	1 12	13 9	0 42	15 31	0 7	19 48	3 7	22 41	22 33	10 29	4 44	2 39
T 15	12 43	20 9	4 22	11 30	1 35	6 37	1 25	4 52	3 57	6 41	1 22	13 37	1 12	13 8	0 42	15 30	0 7	19 48	3 7	22 39	22 32	10 26	4 45	2 39
F 16	12 23	16 37	4 47	10 44	1 29	6 7	1 24	4 58	3 58	6 44	1 22	13 34	1 12	13 6	0 42	15 30	0 7	19 48	3 7	22 38	22 32	10 23	4 46	2 39
S 17	12 2	12 26	4 59	9 57	1 22	5 37	1 22	5 5	3 59	6 47	1 22	13 32	1 12	13 5	0 42	15 29	0 7	19 48	3 7	22 37	22 32	10 21	4 47	2 39
S 18	11 41	7 48	4 58	9 9	1 15	5 7	1 21	5 12	4 0	6 50	1 22	13 30	1 12	13 4	0 42	15 28	0 8	19 49	3 7	22 35	22 31	10 18	4 48	2 38
M19	11 19	2 53	4 45	8 20	1 7	4 36	1 20	5 19	4 1	6 53	1 22	13 27	1 12	13 3	0 42	15 28	0 8	19 49	3 7	22 34	22 31	10 15	4 50	2 38
T 20	10 58	2n 9	4 18	7 31	0 58	4 6	1 19	5 26	4 2	6 56	1 22	13 25	1 12	13 2	0 42	15 27	0 8	19 49	3 6	22 32	22 31	10 13	4 51	2 38
W21	10 36	7 9	3 41	6 40	0 49	3 35	1 17	5 33	4 2	6 59	1 23	13 22	1 12	13 1	0 42	15 26	0 8	19 49	3 6	22 32	22 30	10 10	4 52	2 38
T 22	10 14	11 56	2 53	5 50	0 39	3 4	1 16	5 41	4 3	7 2	1 23	13 20	1 12	12 59	0 42	15 25	0 8	19 49	3 6	22 31	22 30	10 7	4 53	2 38
F 23	9 53	16 20	1 56	4 59	0 28	2 33	1 15	5 49	4 4	7 5	1 23	13 17	1 12	12 58	0 42	15 25	0 8	19 49	3 6	22 31	22 29	10 5	4 54	2 38
S 24	9 30	20 8	0 53	4 8	0 16	2 2	1 13	5 57	4 4	7 8	1 23	13 15	1 12	12 57	0 42	15 24	0 8	19 50	3 6	22 31	22 29	10 2	4 55	2 38
S 25	9 8	23 4	0n15	3 18	0 4	1 31	1 11	6 5	4 4	7 11	1 23	13 12	1 12	12 56	0 42	15 23	0 8	19 50	3 6	22 31	22 29	9 59	4 56	2 37
M26	8 46	24 49	1 24	2 28	0n 8	1 0	1 10	6 13	4 5	7 14	1 23	13 10	1 13	12 55	0 42	15 23	0 8	19 50	3 6	22 31	22 28	9 57	4 57	2 37
T 27	8 23	25 9	2 31	1 39	0 21	0 29	1 8	6 21	4 5	7 17	1 23	13 8	1 13	12 53	0 42	15 22	0 8	19 50	3 6	22 30	22 28	9 54	4 59	2 37
W28	8s 1	23n50	3n31	0s51	0n35	0n 2	1s 6	6n30	4n 5	7n20	1n23	13s 5	1s13	12s52	0s42	15s21	0s 8	19n50	3s 6	22n30	22n28	9s51	5n 0	2n37

Julian Day Number = 2513667.5, Delta T = 136.53 sec
Ecliptic obliquity = 23°25'04, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°07'01, Lahiri = 26°14'02

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2170
geocentric

MARCH 2170 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 35 44	10♓28'27	13♌29	27♓56	3♈53	22°R44	14°R29	28♒43	27♒54	18♒38	11°R31	14°R10	13♊57	17♓ 7	6♈36	T 1
F 2	10 39 41	11°28'44	28°37	29°15	5° 7	22♍22	14♍21	28°50	27°58	18°40	11♋30	14♊ 0	13°53	17°14	6°39	F 2
S 3	10 43 37	12°28'58	13♍58	0♈28	6°22	21°59	14°13	28°57	28° 1	18°43	11°30	13°48	13°50	17°20	6°42	S 3
S 4	10 47 34	13°29'11	29°19	1°34	7°36	21°37	14° 5	29° 5	28° 4	18°45	11°29	13°37	13°47	17°27	6°46	S 4
M 5	10 51 30	14°29'21	14♎29	2°34	8°50	21°14	13°57	29°12	28° 8	18°47	11°29	13°27	13°44	17°34	6°49	M 5
T 6	10 55 27	15°29'31	29°19	3°25	10° 4	20°51	13°50	29°19	28°11	18°49	11°28	13°20	13°41	17°41	6°52	T 6
W 7	10 59 23	16°29'39	13♏42	4° 9	11°18	20°28	13°42	29°26	28°15	18°51	11°28	13°15	13°38	17°47	6°56	W 7
T 8	11 3 20	17°29'45	27°35	4°43	12°32	20° 4	13°34	29°33	28°18	18°53	11°28	13°13	13°34	17°54	6°59	T 8
F 9	11 7 17	18°29'50	11♐ 0	5° 9	13°46	19°41	13°26	29°40	28°21	18°55	11°27	13°12	13°31	18° 1	7° 3	F 9
S 10	11 11 13	19°29'53	24° 0	5°26	15° 0	19°17	13°18	29°47	28°24	18°57	11°27	13°12	13°28	18° 7	7° 6	S 10
S 11	11 15 10	20°29'55	6♑39	5°R34	16°14	18°53	13°11	29°54	28°28	18°59	11°26	13°11	13°25	18°14	7°10	S 11
M12	11 19 6	21°29'55	19° 0	5°33	17°27	18°29	13° 3	0♓ 1	28°31	19° 1	11°26	13° 9	13°22	18°21	7°13	M12
T 13	11 23 3	22°29'53	1♒10	5°23	18°41	18° 6	12°55	0° 8	28°34	19° 3	11°26	13° 3	13°18	18°28	7°17	T 13
W14	11 26 59	23°29'50	13°11	5° 4	19°55	17°42	12°48	0°14	28°38	19° 5	11°26	12°55	13°15	18°34	7°20	W14
T 15	11 30 56	24°29'45	25° 6	4°38	21° 9	17°19	12°40	0°21	28°41	19° 7	11°25	12°44	13°12	18°41	7°24	T 15
F 16	11 34 52	25°29'38	6♓59	4° 4	22°22	16°56	12°32	0°28	28°44	19° 9	11°25	12°31	13° 9	18°48	7°27	F 16
S 17	11 38 49	26°29'29	18°51	3°24	23°36	16°33	12°25	0°35	28°47	19°11	11°25	12°17	13° 6	18°55	7°31	S 17
S 18	11 42 46	27°29'19	0♈43	2°38	24°49	16°10	12°17	0°42	28°50	19°13	11°25	12° 2	13° 3	19° 1	7°34	S 18
M19	11 46 42	28°29'06	12°37	1°48	26° 3	15°48	12°10	0°48	28°53	19°15	11°24	11°50	12°59	19° 8	7°38	M19
T 20	11 50 39	29°28'51	24°34	0°55	27°16	15°26	12° 3	0°55	28°57	19°16	11°24	11°39	12°56	19°15	7°42	T 20
W21	11 54 35	0♈28'35	6♉37	29♓59	28°30	15° 4	11°56	1° 2	29° 0	19°18	11°24	11°31	12°53	19°21	7°45	W21
T 22	11 58 32	1°28'16	18°46	29° 4	29°43	14°43	11°49	1° 8	29° 3	19°20	11°24	11°26	12°50	19°28	7°49	T 22
F 23	12 2 28	2°27'55	1♊ 6	28° 9	0♉56	14°22	11°42	1°15	29° 6	19°22	11°24	11°24	12°47	19°35	7°52	F 23
S 24	12 6 25	3°27'32	13°40	27°15	2°10	14° 2	11°35	1°21	29° 9	19°24	11°24	11°D23	12°43	19°42	7°56	S 24
S 25	12 10 21	4°27'06	26°31	26°24	3°23	13°42	11°28	1°28	29°12	19°25	11°D24	11°24	12°40	19°48	8° 0	S 25
M26	12 14 18	5°26'38	9♋45	25°36	4°36	13°23	11°21	1°34	29°15	19°27	11°24	11°R24	12°37	19°55	8° 3	M26
T 27	12 18 15	6°26'08	23°24	24°52	5°49	13° 5	11°15	1°41	29°18	19°29	11°24	11°22	12°34	20° 2	8° 7	T 27
W28	12 22 11	7°25'36	7♌29	24°14	7° 2	12°47	11° 8	1°47	29°21	19°31	11°24	11°19	12°31	20° 9	8°11	W28
T 29	12 26 8	8°25'01	22° 2	23°40	8°15	12°30	11° 2	1°54	29°23	19°32	11°24	11°13	12°28	20°15	8°14	T 29
F 30	12 30 4	9°24'24	6♍57	23°12	9°28	12°14	10°56	2° 0	29°26	19°34	11°24	11° 5	12°24	20°22	8°18	F 30
S 31	12 34 1	10♈23'45	22♍ 8	22♓50	10♉41	11♍58	10♍50	2♓ 6	29♒29	19♒35	11♋24	10♊56	12♊21	20♓29	8♈21	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s38	20n53	4n18	0s 5	0n49	0n34	1s 4	6n38	4n 5	7n23	1n24	13s 3	1s13	12s51	0s42	15s21	0s 8	19n50	3s 5	22n29	22n27	9s49	5n 1	2n37
F 2	7 15	16 28	4 49	0n40	1 3	1 5	1 2	6 47	4 5	7 26	1 24	13 0	1 13	12 50	0 42	15 20	0 8	19 51	3 5	22 28	22 27	9 46	5 2	2 37
S 3	6 52	10 55	5 0	1 22	1 17	1 36	1 0	6 56	4 5	7 29	1 24	12 58	1 13	12 49	0 42	15 20	0 8	19 51	3 5	22 26	22 26	9 43	5 3	2 37
S 4	6 29	4 41	4 49	2 1	1 31	2 7	0 58	7 4	4 5	7 33	1 24	12 56	1 13	12 48	0 42	15 19	0 8	19 51	3 5	22 25	22 26	9 41	5 5	2 37
M 5	6 6	1s45	4 18	2 38	1 46	2 38	0 56	7 13	4 4	7 36	1 24	12 53	1 13	12 46	0 42	15 18	0 8	19 51	3 5	22 24	22 26	9 38	5 6	2 36
T 6	5 43	7 57	3 29	3 12	2 0	3 9	0 54	7 22	4 4	7 39	1 24	12 51	1 13	12 45	0 42	15 18	0 8	19 51	3 5	22 23	22 25	9 35	5 7	2 36
W 7	5 20	13 34	2 29	3 41	2 14	3 40	0 52	7 30	4 3	7 42	1 24	12 48	1 13	12 44	0 42	15 17	0 8	19 51	3 5	22 22	22 25	9 33	5 8	2 36
T 8	4 56	18 17	1 21	4 7	2 27	4 11	0 50	7 39	4 3	7 45	1 24	12 46	1 13	12 43	0 42	15 16	0 8	19 52	3 5	22 22	22 25	9 30	5 10	2 36
F 9	4 33	21 53	0 12	4 29	2 39	4 42	0 48	7 48	4 2	7 48	1 24	12 44	1 14	12 42	0 42	15 16	0 8	19 52	3 4	22 22	22 24	9 27	5 11	2 36
S 10	4 9	24 14	0s57	4 47	2 51	5 12	0 45	7 56	4 1	7 51	1 24	12 41	1 14	12 41	0 42	15 15	0 8	19 52	3 4	22 22	22 24	9 25	5 12	2 36
S 11	3 46	25 15	2 0	5 0	3 2	5 43	0 43	8 5	4 0	7 54	1 24	12 39	1 14	12 40	0 42	15 14	0 8	19 52	3 4	22 22	22 23	9 22	5 13	2 36
M12	3 22	25 0	2 57	5 8	3 11	6 14	0 40	8 13	3 59	7 57	1 24	12 37	1 14	12 39	0 42	15 14	0 8	19 52	3 4	22 21	22 23	9 19	5 15	2 36
T 13	2 58	23 32	3 44	5 11	3 19	6 44	0 38	8 21	3 58	8 0	1 24	12 34	1 14	12 37	0 42	15 13	0 8	19 52	3 4	22 21	22 23	9 16	5 16	2 36
W14	2 35	21 1	4 21	5 10	3 26	7 14	0 35	8 30	3 57	8 3	1 24	12 32	1 14	12 36	0 42	15 13	0 8	19 53	3 4	22 20	22 22	9 14	5 17	2 35
T 15	2 11	17 38	4 46	5 4	3 31	7 44	0 33	8 37	3 56	8 6	1 24	12 30	1 14	12 35	0 42	15 12	0 8	19 53	3 4	22 18	22 22	9 11	5 19	2 35
F 16	1 47	13 33	4 59	4 53	3 34	8 14	0 30	8 45	3 54	8 9	1 24	12 27	1 14	12 34	0 42	15 11	0 8	19 53	3 4	22 17	22 21	9 8	5 20	2 35
S 17	1 24	8 58	4 58	4 38	3 35	8 44	0 28	8 53	3 53	8 11	1 24	12 25	1 14	12 33	0 42	15 11	0 8	19 53	3 3	22 15	22 21	9 6	5 21	2 35
S 18	1 0	4 4	4 44	4 20	3 34	9 13	0 25	9 0	3 51	8 14	1 24	12 23	1 14	12 32	0 43	15 10	0 8	19 53	3 3	22 13	22 21	9 3	5 23	2 35
M19	0 36	1n 1	4 18	3 57	3 32	9 42	0 22	9 8	3 50	8 17	1 24	12 20	1 15	12 31	0 43	15 10	0 8	19 53	3 3	22 11	22 20	9 0	5 24	2 35
T 20	0 12	6 5	3 41	3 32	3 27	10 11	0 19	9 14	3 48	8 20	1 24	12 18	1 15	12 30	0 43	15 9	0 8	19 53	3 3	22 10	22 20	8 57	5 25	2 35
W21	0n11	10 59	2 53	3 4	3 20	10 40	0 17	9 21	3 46	8 23	1 24	12 16	1 15	12 29	0 43	15 9	0 8	19 54	3 3	22 9	22 19	8 55	5 27	2 35
T 22	0 35	15 31	1 57	2 34	3 12	11 9	0 14	9 28	3 44	8 25	1 24	12 14	1 15	12 28	0 43	15 8	0 8	19 54	3 3	22 8	22 19	8 52	5 28	2 35
F 23	0 59	19 28	0 54	2 3	3 2	11 37	0 11	9 34	3 42	8 28	1 24	12 11	1 15	12 27	0 43	15 8	0 8	19 54	3 3	22 8	22 19	8 49	5 29	2 35
S 24	1 22	22 37	0n12	1 31	2 51	12 5	0 8	9 40	3 40	8 30	1 24	12 9	1 15	12 26	0 43	15 7	0 8	19 54	3 3	22 8	22 18	8 46	5 31	2 35
S 25	1 46	24 42	1 20	0 59	2 38	12 33	0 5	9 46	3 38	8 33	1 24	12 7	1 15	12 25	0 43	15 6	0 8	19 54	3 2	22 8	22 18	8 44	5 32	2 34
M26	2 10	25 28	2 25	0 28	2 25	13 0	0 2	9 51	3 36	8 35	1 24	12 5	1 15	12 24	0 43	15 6	0 8	19 54	3 2	22 8	22 17	8 41	5 33	2 34
T 27	2 33	24 45	3 24	0s 2	2 10	13 28	0n 1	9 56	3 34	8 38	1 24	12 3	1 16	12 23	0 43	15 5	0 8	19 54	3 2	22 7	22 17	8 38	5 35	2 34
W28	2 57	22 27	4 13	0 32	1 55	13 54	0 4	10 1	3 32	8 40	1 24	12 0	1 16	12 22	0 43	15 5	0 8	19 54	3 2	22 7	22 17	8 35	5 36	2 34
T 29	3 20	18 40	4 47	0 59	1 40	14 21	0 7	10 5	3 29	8 43	1 24	11 58	1 16	12 21	0 43	15 4	0 8	19 55	3 2	22 6	22 16	8 33	5 38	2 34
F 30	3 43	13 38	5 3	1 24	1 24	14 47	0 10	10 9	3 27	8 45	1 23	11 56	1 16	12 20	0 43	15 4	0 8	19 55	3 2	22 5	22 16	8 30	5 39	2 34
S 31	4n 7	7n41	4n58	1s47	1n 9	15n13	0n13	10n13	3n25	8n47	1n23	11s54	1s16	12s19	0s43	15s 3	0s 8	19n55	3s 2	22n 4	22n15	8s27	5n40	2n34

Julian Day Number = 2513695.5, Delta T = 136.59 sec
Ecliptic obliquity = 23°25'05, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°07'05, Lahiri = 26°14'06

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2170
geocentric

APRIL 2170 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 37 57	11♈23'03	7♎24	22°R34	11♉54	11°R43	10°R44	2♓12	29♒32	19♒37	11♋25	10°R47	12♊18	20♓35	8♈25	S 1
M 2	12 41 54	12°22'20	22°35	22♓23	13° 6	11♍28	10♍38	2°18	29°35	19°39	11°25	10♊39	12°15	20°42	8°29	M 2
T 3	12 45 50	13°21'34	7♏30	22°D19	14°19	11°15	10°32	2°24	29°37	19°40	11°25	10°33	12°12	20°49	8°32	T 3
W 4	12 49 47	14°20'47	22° 2	22°20	15°32	11° 2	10°27	2°31	29°40	19°42	11°25	10°29	12° 9	20°56	8°36	W 4
T 5	12 53 44	15°19'58	6♐ 5	22°26	16°44	10°50	10°22	2°36	29°43	19°43	11°25	10°D28	12° 5	21° 2	8°39	T 5
F 6	12 57 40	16°19'07	19°39	22°38	17°57	10°38	10°16	2°42	29°46	19°45	11°26	10°28	12° 2	21° 9	8°43	F 6
S 7	13 1 37	17°18'14	2♑47	22°55	19° 9	10°28	10°11	2°48	29°48	19°46	11°26	10°29	11°59	21°16	8°47	S 7
S 8	13 5 33	18°17'20	15°30	23°17	20°21	10°18	10° 6	2°54	29°51	19°48	11°26	10°R30	11°56	21°22	8°50	S 8
M 9	13 9 30	19°16'24	27°54	23°43	21°34	10° 9	10° 2	3° 0	29°53	19°49	11°27	10°29	11°53	21°29	8°54	M 9
T 10	13 13 26	20°15'26	10♒ 3	24°14	22°46	10° 1	9°57	3° 6	29°56	19°50	11°27	10°27	11°49	21°36	8°57	T 10
W11	13 17 23	21°14'26	22° 2	24°49	23°58	9°53	9°52	3°11	29°58	19°52	11°27	10°23	11°46	21°43	9° 1	W11
T 12	13 21 19	22°13'25	3♓55	25°28	25°10	9°46	9°48	3°17	0♓ 1	19°53	11°28	10°16	11°43	21°49	9° 4	T 12
F 13	13 25 16	23°12'21	15°46	26°11	26°22	9°40	9°44	3°22	0° 3	19°54	11°28	10° 8	11°40	21°56	9° 8	F 13
S 14	13 29 12	24°11'16	27°38	26°57	27°34	9°35	9°40	3°28	0° 5	19°55	11°29	10° 0	11°37	22° 3	9°11	S 14
S 15	13 33 9	25°10'09	9♈32	27°47	28°46	9°31	9°36	3°33	0° 8	19°57	11°29	9°51	11°34	22° 9	9°15	S 15
M16	13 37 6	26° 9'00	21°32	28°40	29°58	9°27	9°33	3°39	0°10	19°58	11°30	9°43	11°30	22°16	9°18	M16
T 17	13 41 2	27° 7'49	3♉37	29°36	1♊ 9	9°24	9°29	3°44	0°12	19°59	11°30	9°36	11°27	22°23	9°22	T 17
W18	13 44 59	28° 6'36	15°50	0♈35	2°21	9°22	9°26	3°49	0°15	20° 0	11°31	9°32	11°24	22°30	9°25	W18
T 19	13 48 55	29° 5'21	28°12	1°37	3°33	9°21	9°23	3°54	0°17	20° 1	11°31	9°29	11°21	22°36	9°29	T 19
F 20	13 52 52	0♉ 4'04	10♊44	2°41	4°44	9°D21	9°20	3°59	0°19	20° 2	11°32	9°D28	11°18	22°43	9°32	F 20
S 21	13 56 48	1° 2'45	23°30	3°48	5°56	9°21	9°17	4° 4	0°21	20° 3	11°32	9°29	11°15	22°50	9°36	S 21
S 22	14 0 45	2° 1'24	6♋30	4°58	7° 7	9°22	9°15	4° 9	0°23	20° 4	11°33	9°31	11°11	22°57	9°39	S 22
M23	14 4 41	3° 0'00	19°47	6° 9	8°18	9°24	9°12	4°14	0°25	20° 5	11°34	9°32	11° 8	23° 3	9°43	M23
T 24	14 8 38	3°58'35	3♌24	7°24	9°29	9°26	9°10	4°19	0°27	20° 6	11°34	9°R33	11° 5	23°10	9°46	T 24
W25	14 12 35	4°57'07	17°21	8°40	10°40	9°29	9° 8	4°24	0°29	20° 7	11°35	9°32	11° 2	23°17	9°49	W25
T 26	14 16 31	5°55'37	1♍39	9°58	11°51	9°33	9° 6	4°29	0°31	20° 8	11°36	9°30	10°59	23°23	9°53	T 26
F 27	14 20 28	6°54'04	16°15	11°19	13° 2	9°38	9° 5	4°33	0°33	20° 9	11°36	9°26	10°55	23°30	9°56	F 27
S 28	14 24 24	7°52'30	1♎ 4	12°42	14°13	9°43	9° 3	4°38	0°35	20°10	11°37	9°22	10°52	23°37	9°59	S 28
S 29	14 28 21	8°50'53	15°59	14° 6	15°24	9°49	9° 2	4°42	0°36	20°10	11°38	9°18	10°49	23°44	10° 2	S 29
M30	14 32 17	9♉49'15	0♏52	15♈33	16♊34	9♍55	9♍ 1	4♓47	0♓38	20♒11	11♋39	9♊14	10♊46	23♓50	10♈ 6	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n30	1n14	4n32	2s 8	0n53	15n38	0n16	10n17	3n22	8n49	1n23	11s52	1s16	12s18	0s43	15s 3	0s 8	19n55	3s 1	22n 3	22n15	8s24	5n42	2n34
M 2	4 53	5s16	3 47	2 26	0 38	16 3	0 19	10 20	3 20	8 51	1 23	11 50	1 16	12 17	0 43	15 2	0 8	19 55	3 1	22 1	22 15	8 22	5 43	2 34
T 3	5 16	11 22	2 47	2 42	0 23	16 28	0 22	10 23	3 17	8 53	1 23	11 48	1 17	12 16	0 43	15 2	0 8	19 55	3 1	22 1	22 14	8 19	5 44	2 34
W 4	5 39	16 42	1 37	2 55	0 8	16 52	0 25	10 26	3 15	8 55	1 23	11 46	1 17	12 15	0 43	15 2	0 8	19 55	3 1	22 0	22 14	8 16	5 46	2 34
T 5	6 2	20 55	0 23	3 6	0s 6	17 16	0 28	10 28	3 12	8 57	1 23	11 44	1 17	12 14	0 43	15 1	0 8	19 55	3 1	22 0	22 13	8 13	5 47	2 34
F 6	6 25	23 50	0s49	3 14	0 20	17 40	0 31	10 30	3 10	8 59	1 23	11 42	1 17	12 13	0 43	15 1	0 8	19 55	3 1	22 0	22 13	8 10	5 48	2 34
S 7	6 47	25 20	1 57	3 19	0 33	18 3	0 34	10 32	3 7	9 1	1 23	11 40	1 17	12 12	0 43	15 0	0 8	19 56	3 1	22 0	22 12	8 8	5 50	2 34
S 8	7 10	25 27	2 57	3 22	0 46	18 25	0 37	10 33	3 5	9 3	1 23	11 38	1 17	12 11	0 43	15 0	0 8	19 56	3 1	22 0	22 12	8 5	5 51	2 34
M 9	7 32	24 16	3 47	3 23	0 58	18 47	0 40	10 34	3 2	9 5	1 22	11 36	1 17	12 10	0 43	14 59	0 8	19 56	3 0	22 0	22 12	8 2	5 53	2 34
T 10	7 55	21 58	4 25	3 21	1 9	19 9	0 43	10 35	3 0	9 6	1 22	11 34	1 18	12 10	0 43	14 59	0 8	19 56	3 0	22 0	22 11	7 59	5 54	2 34
W11	8 17	18 45	4 51	3 17	1 20	19 30	0 46	10 35	2 57	9 8	1 22	11 32	1 18	12 9	0 43	14 59	0 8	19 56	3 0	21 59	22 11	7 56	5 55	2 34
T 12	8 39	14 48	5 5	3 11	1 30	19 50	0 49	10 35	2 54	9 9	1 22	11 30	1 18	12 8	0 43	14 58	0 8	19 56	3 0	21 58	22 10	7 54	5 57	2 34
F 13	9 1	10 18	5 5	3 3	1 40	20 10	0 53	10 35	2 52	9 11	1 22	11 28	1 18	12 7	0 43	14 58	0 8	19 56	3 0	21 57	22 10	7 51	5 58	2 33
S 14	9 22	5 25	4 53	2 52	1 49	20 30	0 56	10 35	2 49	9 12	1 22	11 26	1 18	12 6	0 43	14 57	0 8	19 56	3 0	21 56	22 9	7 48	5 59	2 33
S 15	9 44	0 19	4 27	2 40	1 57	20 49	0 59	10 34	2 47	9 13	1 22	11 25	1 18	12 5	0 43	14 57	0 8	19 56	3 0	21 54	22 9	7 45	6 1	2 33
M16	10 5	4n50	3 50	2 26	2 4	21 8	1 2	10 33	2 44	9 15	1 22	11 23	1 18	12 5	0 43	14 57	0 8	19 56	3 0	21 53	22 9	7 42	6 2	2 33
T 17	10 27	9 52	3 2	2 10	2 11	21 26	1 5	10 32	2 41	9 16	1 21	11 21	1 19	12 4	0 43	14 56	0 8	19 56	2 59	21 52	22 8	7 40	6 3	2 33
W18	10 48	14 35	2 5	1 52	2 18	21 43	1 8	10 30	2 39	9 17	1 21	11 19	1 19	12 3	0 43	14 56	0 8	19 57	2 59	21 52	22 8	7 37	6 5	2 33
T 19	11 8	18 45	1 1	1 33	2 23	22 0	1 10	10 28	2 36	9 18	1 21	11 18	1 19	12 2	0 43	14 56	0 8	19 57	2 59	21 51	22 7	7 34	6 6	2 33
F 20	11 29	22 9	0n 7	1 12	2 28	22 16	1 13	10 26	2 34	9 19	1 21	11 16	1 19	12 2	0 43	14 55	0 8	19 57	2 59	21 51	22 7	7 31	6 8	2 33
S 21	11 50	24 31	1 16	0 50	2 33	22 32	1 16	10 23	2 31	9 20	1 21	11 14	1 19	12 1	0 43	14 55	0 8	19 57	2 59	21 51	22 6	7 28	6 9	2 33
S 22	12 10	25 37	2 22	0 26	2 37	22 47	1 19	10 21	2 29	9 20	1 21	11 13	1 19	12 0	0 43	14 55	0 8	19 57	2 59	21 51	22 6	7 26	6 10	2 33
M23	12 30	25 17	3 22	0 0	2 40	23 1	1 22	10 18	2 26	9 21	1 20	11 11	1 20	12 0	0 43	14 54	0 8	19 57	2 59	21 52	22 6	7 23	6 11	2 33
T 24	12 50	23 28	4 12	0n26	2 43	23 15	1 25	10 15	2 24	9 22	1 20	11 9	1 20	11 59	0 44	14 54	0 8	19 57	2 59	21 52	22 5	7 20	6 13	2 33
W25	13 10	20 12	4 49	0 54	2 45	23 28	1 28	10 11	2 21	9 22	1 20	11 8	1 20	11 58	0 44	14 54	0 8	19 57	2 58	21 52	22 5	7 17	6 14	2 33
T 26	13 29	15 41	5 9	1 24	2 46	23 41	1 30	10 7	2 19	9 23	1 20	11 6	1 20	11 58	0 44	14 54	0 8	19 57	2 58	21 51	22 4	7 14	6 15	2 33
F 27	13 48	10 10	5 10	1 54	2 47	23 53	1 33	10 3	2 16	9 23	1 20	11 5	1 20	11 57	0 44	14 53	0 8	19 57	2 58	21 51	22 4	7 11	6 17	2 33
S 28	14 7	4 1	4 50	2 26	2 48	24 4	1 36	9 59	2 14	9 24	1 20	11 3	1 21	11 56	0 44	14 53	0 8	19 57	2 58	21 50	22 3	7 8	6 18	2 33
S 29	14 26	2s26	4 10	2 59	2 48	24 15	1 38	9 55	2 11	9 24	1 19	11 2	1 21	11 56	0 44	14 53	0 8	19 57	2 58	21 49	22 3	7 6	6 19	2 33
M30	14n45	8s44	3n14	3n33	2s47	24n25	1n41	9n50	2n 9	9n24	1n19	11s 0	1s21	11s55	0s44	14s53	0s 8	19n57	2s58	21n49	22n 2	7s 3	6n21	2n33

Julian Day Number = 2513726.5, Delta T = 136.65 sec
Ecliptic obliquity = 23°25'05, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°07'09, Lahiri = 26°14'10

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2170
geocentric

MAY 2170 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 36 14	10♉47'34	15♏36	17♈ 2	17♊45	10♍ 2	9°R 0	4♓51	0♓40	20♒12	11♋40	9°R11	10♊43	23♓57	10♈ 9	T 1
W 2	14 40 10	11°45'52	0♐ 1	18°32	18°55	10°10	8♍59	4°55	0°41	20°13	11°40	9♊ 9	10°40	24° 4	10°12	W 2
T 3	14 44 7	12°44'09	14° 4	20° 5	20° 6	10°18	8°59	4°59	0°43	20°13	11°41	9°D 9	10°36	24°10	10°15	T 3
F 4	14 48 4	13°42'23	27°42	21°39	21°16	10°27	8°58	5° 3	0°45	20°14	11°42	9°10	10°33	24°17	10°18	F 4
S 5	14 52 0	14°40'37	10♑54	23°15	22°26	10°37	8°D58	5° 7	0°46	20°15	11°43	9°12	10°30	24°24	10°22	S 5
S 6	14 55 57	15°38'48	23°43	24°53	23°36	10°47	8°58	5°11	0°48	20°15	11°44	9°13	10°27	24°31	10°25	S 6
M 7	14 59 53	16°36'58	6♒12	26°33	24°46	10°58	8°59	5°15	0°49	20°16	11°45	9°14	10°24	24°37	10°28	M 7
T 8	15 3 50	17°35'07	18°25	28°15	25°56	11° 9	8°59	5°19	0°50	20°16	11°46	9°R15	10°21	24°44	10°31	T 8
W 9	15 7 46	18°33'14	0♓26	29°59	27° 6	11°21	9° 0	5°22	0°52	20°17	11°47	9°14	10°17	24°51	10°34	W 9
T 10	15 11 43	19°31'20	12°20	1♉44	28°15	11°34	9° 0	5°26	0°53	20°17	11°48	9°13	10°14	24°57	10°37	T 10
F 11	15 15 39	20°29'25	24°12	3°32	29°25	11°47	9° 1	5°29	0°54	20°17	11°49	9°10	10°11	25° 4	10°40	F 11
S 12	15 19 36	21°27'28	6♈ 5	5°21	0♋34	12° 0	9° 2	5°33	0°55	20°18	11°50	9° 8	10° 8	25°11	10°43	S 12
S 13	15 23 33	22°25'29	18° 3	7°13	1°44	12°14	9° 4	5°36	0°57	20°18	11°51	9° 5	10° 5	25°18	10°46	S 13
M14	15 27 29	23°23'29	0♉ 8	9° 6	2°53	12°29	9° 5	5°39	0°58	20°18	11°52	9° 3	10° 1	25°24	10°49	M14
T 15	15 31 26	24°21'28	12°23	11° 1	4° 2	12°44	9° 7	5°43	0°59	20°19	11°53	9° 1	9°58	25°31	10°51	T 15
W16	15 35 22	25°19'25	24°50	12°58	5°11	12°59	9° 9	5°46	1° 0	20°19	11°54	9° 0	9°55	25°38	10°54	W16
T 17	15 39 19	26°17'21	7♊29	14°57	6°20	13°15	9°11	5°49	1° 1	20°19	11°55	8°D59	9°52	25°45	10°57	T 17
F 18	15 43 15	27°15'15	20°21	16°57	7°29	13°32	9°13	5°52	1° 2	20°19	11°56	9° 0	9°49	25°51	11° 0	F 18
S 19	15 47 12	28°13'08	3♋26	18°59	8°37	13°48	9°15	5°54	1° 2	20°20	11°57	9° 0	9°46	25°58	11° 2	S 19
S 20	15 51 8	29°10'59	16°45	21° 3	9°46	14° 6	9°18	5°57	1° 3	20°20	11°58	9° 1	9°42	26° 5	11° 5	S 20
M21	15 55 5	0♊ 8'49	0♌17	23° 9	10°54	14°24	9°21	6° 0	1° 4	20°20	12° 0	9° 2	9°39	26°11	11° 8	M21
T 22	15 59 2	1° 6'36	14° 3	25°16	12° 2	14°42	9°23	6° 2	1° 5	20°20	12° 1	9° 2	9°36	26°18	11°10	T 22
W23	16 2 58	2° 4'23	28° 2	27°24	13°10	15° 0	9°26	6° 5	1° 5	20°R20	12° 2	9°R 3	9°33	26°25	11°13	W23
T 24	16 6 55	3° 2'07	12♍12	29°34	14°18	15°20	9°30	6° 7	1° 6	20°20	12° 3	9° 3	9°30	26°32	11°15	T 24
F 25	16 10 51	3°59'49	26°32	1♊44	15°26	15°39	9°33	6° 9	1° 7	20°20	12° 4	9° 2	9°27	26°38	11°18	F 25
S 26	16 14 48	4°57'30	10♎59	3°55	16°33	15°59	9°37	6°11	1° 7	20°20	12° 6	9° 2	9°23	26°45	11°20	S 26
S 27	16 18 44	5°55'10	25°28	6° 7	17°41	16°19	9°40	6°13	1° 8	20°19	12° 7	9° 2	9°20	26°52	11°23	S 27
M28	16 22 41	6°52'48	9♏54	8°18	18°48	16°40	9°44	6°15	1° 8	20°19	12° 8	9° 1	9°17	26°58	11°25	M28
T 29	16 26 37	7°50'25	24°13	10°30	19°55	17° 1	9°48	6°17	1° 8	20°19	12° 9	9° 1	9°14	27° 5	11°27	T 29
W30	16 30 34	8°48'00	8♐19	12°42	21° 2	17°22	9°53	6°19	1° 9	20°19	12°11	9° 1	9°11	27°12	11°30	W30
T 31	16 34 31	9♊45'35	22♐ 9	14♊53	22♋ 9	17♍44	9♍57	6♓21	1♓ 9	20♒19	12♋12	9♊ 1	9♊ 7	27♓19	11♈32	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15n 3	14s30	2n 5	4n 8	2s45	24n34	1n43	9n45	2n 7	9n25	1n19	10s59	1s21	11s55	0s44	14s52	0s 8	19n57	2s58	21n48	22n 2	7s 0	6n22	2n33
W 2	15 21	19 19	0 50	4 44	2 44	24 43	1 46	9 40	2 4	9 25	1 19	10 58	1 21	11 54	0 44	14 52	0 9	19 57	2 58	21 48	22 1	6 57	6 23	2 33
T 3	15 39	22 55	0s27	5 21	2 41	24 51	1 48	9 35	2 2	9 25	1 19	10 56	1 21	11 54	0 44	14 52	0 9	19 57	2 58	21 48	22 1	6 54	6 24	2 33
F 4	15 56	25 4	1 40	5 59	2 38	24 58	1 50	9 29	2 0	9 25	1 19	10 55	1 22	11 53	0 44	14 52	0 9	19 57	2 57	21 48	22 1	6 51	6 26	2 33
S 5	16 14	25 43	2 46	6 38	2 35	25 5	1 53	9 23	1 57	9 25	1 18	10 54	1 22	11 53	0 44	14 52	0 9	19 58	2 57	21 49	22 0	6 49	6 27	2 33
S 6	16 31	24 58	3 41	7 17	2 31	25 11	1 55	9 18	1 55	9 24	1 18	10 52	1 22	11 52	0 44	14 51	0 9	19 58	2 57	21 49	22 0	6 46	6 28	2 33
M 7	16 47	22 58	4 24	7 58	2 26	25 16	1 57	9 11	1 53	9 24	1 18	10 51	1 22	11 52	0 44	14 51	0 9	19 58	2 57	21 49	21 59	6 43	6 29	2 33
T 8	17 4	19 57	4 54	8 39	2 21	25 20	1 59	9 5	1 51	9 24	1 18	10 50	1 22	11 51	0 44	14 51	0 9	19 58	2 57	21 49	21 59	6 40	6 31	2 33
W 9	17 20	16 9	5 11	9 20	2 16	25 24	2 1	8 58	1 49	9 23	1 18	10 49	1 23	11 51	0 44	14 51	0 9	19 58	2 57	21 49	21 58	6 37	6 32	2 33
T 10	17 36	11 46	5 14	10 2	2 10	25 28	2 3	8 52	1 46	9 23	1 17	10 48	1 23	11 50	0 44	14 51	0 9	19 58	2 57	21 49	21 58	6 34	6 33	2 33
F 11	17 51	6 57	5 4	10 45	2 3	25 30	2 5	8 45	1 44	9 22	1 17	10 47	1 23	11 50	0 44	14 51	0 9	19 58	2 57	21 48	21 57	6 31	6 34	2 33
S 12	18 7	1 53	4 41	11 28	1 56	25 32	2 7	8 38	1 42	9 22	1 17	10 46	1 23	11 49	0 44	14 51	0 9	19 58	2 56	21 48	21 57	6 28	6 35	2 33
S 13	18 22	3n17	4 5	12 12	1 49	25 33	2 9	8 30	1 40	9 21	1 17	10 44	1 23	11 49	0 44	14 51	0 9	19 58	2 56	21 48	21 56	6 26	6 36	2 33
M14	18 36	8 25	3 18	12 55	1 41	25 33	2 10	8 23	1 38	9 20	1 17	10 43	1 24	11 49	0 44	14 50	0 9	19 58	2 56	21 47	21 56	6 23	6 38	2 33
T 15	18 51	13 17	2 22	13 39	1 32	25 33	2 12	8 15	1 36	9 20	1 16	10 42	1 24	11 48	0 44	14 50	0 9	19 58	2 56	21 47	21 56	6 20	6 39	2 33
W16	19 5	17 42	1 17	14 23	1 24	25 32	2 13	8 8	1 34	9 19	1 16	10 42	1 24	11 48	0 44	14 50	0 9	19 58	2 56	21 47	21 55	6 17	6 40	2 33
T 17	19 18	21 24	0 8	15 7	1 14	25 31	2 15	8 0	1 32	9 18	1 16	10 41	1 24	11 48	0 44	14 50	0 9	19 58	2 56	21 47	21 55	6 14	6 41	2 33
F 18	19 32	24 6	1n 2	15 51	1 5	25 28	2 16	7 52	1 30	9 17	1 16	10 40	1 24	11 48	0 44	14 50	0 9	19 58	2 56	21 47	21 54	6 11	6 42	2 34
S 19	19 45	25 34	2 11	16 34	0 55	25 25	2 17	7 43	1 28	9 16	1 16	10 39	1 25	11 47	0 44	14 50	0 9	19 58	2 56	21 47	21 54	6 8	6 43	2 34
S 20	19 57	25 35	3 14	17 17	0 45	25 22	2 19	7 35	1 26	9 15	1 16	10 38	1 25	11 47	0 44	14 50	0 9	19 58	2 56	21 47	21 53	6 5	6 44	2 34
M21	20 10	24 6	4 7	17 59	0 35	25 17	2 20	7 26	1 24	9 13	1 15	10 37	1 25	11 47	0 45	14 50	0 9	19 58	2 56	21 47	21 53	6 2	6 45	2 34
T 22	20 22	21 10	4 47	18 40	0 25	25 12	2 21	7 17	1 23	9 12	1 15	10 37	1 25	11 47	0 45	14 50	0 9	19 58	2 55	21 47	21 52	6 0	6 46	2 34
W23	20 33	17 0	5 11	19 20	0 14	25 7	2 22	7 8	1 21	9 11	1 15	10 36	1 25	11 46	0 45	14 50	0 9	19 58	2 55	21 47	21 52	5 57	6 47	2 34
T 24	20 45	11 51	5 16	19 59	0 4	25 1	2 22	6 59	1 19	9 9	1 15	10 35	1 26	11 46	0 45	14 50	0 9	19 58	2 55	21 47	21 51	5 54	6 48	2 34
F 25	20 56	6 0	5 2	20 36	0n 7	24 54	2 23	6 50	1 17	9 8	1 15	10 35	1 26	11 46	0 45	14 50	0 9	19 58	2 55	21 47	21 51	5 51	6 49	2 34
S 26	21 6	0s13	4 29	21 12	0 18	24 46	2 24	6 41	1 15	9 7	1 14	10 34	1 26	11 46	0 45	14 50	0 9	19 58	2 55	21 47	21 50	5 48	6 50	2 34
S 27	21 17	6 27	3 39	21 46	0 28	24 38	2 24	6 31	1 13	9 5	1 14	10 33	1 26	11 46	0 45	14 50	0 9	19 58	2 55	21 47	21 50	5 45	6 51	2 34
M28	21 26	12 20	2 34	22 18	0 38	24 29	2 25	6 22	1 12	9 3	1 14	10 33	1 27	11 46	0 45	14 50	0 9	19 58	2 55	21 47	21 49	5 42	6 52	2 34
T 29	21 36	17 30	1 21	22 47	0 48	24 20	2 25	6 12	1 10	9 2	1 14	10 32	1 27	11 46	0 45	14 51	0 9	19 58	2 55	21 47	21 49	5 39	6 53	2 34
W30	21 45	21 37	0 4	23 15	0 57	24 10	2 25	6 2	1 8	9 0	1 14	10 32	1 27	11 45	0 45	14 51	0 9	19 58	2 55	21 47	21 48	5 36	6 54	2 34
T 31	21n54	24s23	1s12	23n39	1n 6	23n59	2n25	5n52	1n 7	8n58	1n14	10s32	1s27	11s45	0s45	14s51	0s 9	19n58	2s55	21n47	21n48	5s33	6n55	2n34

Julian Day Number = 2513756.5, Delta T = 136.72 sec
Ecliptic obliquity = 23°25'05, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°07'14, Lahiri = 26°14'14

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2170
geocentric

JUNE 2170 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 38 27	10♊43'08	5♉39	17♊ 3	23♋16	18♍ 6	10♍ 2	6♓22	1♓ 9	20°R18	12♋13	9°R 1	9♊ 4	27♓25	11♈34	F 1
S 2	16 42 24	11°40'40	18°49	19°11	24°22	18°28	10° 6	6°24	1° 9	20♒18	12°15	9♊ 1	9° 1	27°32	11°36	S 2
S 3	16 46 20	12°38'12	1♒38	21°19	25°28	18°51	10°11	6°25	1° 9	20°18	12°16	9° 1	8°58	27°39	11°38	S 3
M 4	16 50 17	13°35'42	14° 9	23°25	26°34	19°14	10°16	6°26	1° 9	20°17	12°17	9° 0	8°55	27°45	11°41	M 4
T 5	16 54 13	14°33'12	26°24	25°29	27°40	19°37	10°21	6°28	1°R10	20°17	12°19	9° 0	8°52	27°52	11°43	T 5
W 6	16 58 10	15°30'41	8♓27	27°31	28°46	20° 1	10°27	6°29	1°10	20°16	12°20	8°59	8°48	27°59	11°45	W 6
T 7	17 2 7	16°28'09	20°23	29°32	29°51	20°25	10°32	6°30	1° 9	20°16	12°21	8°D59	8°45	28° 6	11°46	T 7
F 8	17 6 3	17°25'36	2♈16	1♋30	0♌57	20°49	10°38	6°31	1° 9	20°16	12°23	9° 0	8°42	28°12	11°48	F 8
S 9	17 10 0	18°23'03	14°10	3°25	2° 2	21°14	10°43	6°31	1° 9	20°15	12°24	9° 0	8°39	28°19	11°50	S 9
S 10	17 13 56	19°20'29	26°10	5°19	3° 7	21°39	10°49	6°32	1° 9	20°14	12°25	9° 1	8°36	28°26	11°52	S 10
M11	17 17 53	20°17'54	8♉21	7°10	4°11	22° 4	10°55	6°33	1° 9	20°14	12°27	9° 2	8°32	28°32	11°54	M11
T 12	17 21 49	21°15'19	20°44	8°58	5°16	22°29	11° 1	6°33	1° 8	20°13	12°28	9° 3	8°29	28°39	11°56	T 12
W13	17 25 46	22°12'43	3♊23	10°44	6°20	22°55	11° 8	6°34	1° 8	20°13	12°30	9°R 4	8°26	28°46	11°57	W13
T 14	17 29 42	23°10'07	16°19	12°27	7°24	23°21	11°14	6°34	1° 8	20°12	12°31	9° 4	8°23	28°53	11°59	T 14
F 15	17 33 39	24° 7'30	29°33	14° 8	8°28	23°47	11°21	6°34	1° 7	20°11	12°33	9° 3	8°20	28°59	12° 0	F 15
S 16	17 37 36	25° 4'52	13♋ 3	15°46	9°31	24°14	11°28	6°34	1° 7	20°10	12°34	9° 1	8°17	29° 6	12° 2	S 16
S 17	17 41 32	26° 2'13	26°48	17°22	10°35	24°41	11°34	6°R34	1° 6	20°10	12°35	8°59	8°13	29°13	12° 4	S 17
M18	17 45 29	26°59'34	10♌44	18°55	11°38	25° 8	11°41	6°34	1° 5	20° 9	12°37	8°57	8°10	29°19	12° 5	M18
T 19	17 49 25	27°56'53	24°50	20°25	12°40	25°35	11°49	6°34	1° 5	20° 8	12°38	8°55	8° 7	29°26	12° 6	T 19
W20	17 53 22	28°54'12	9♍ 1	21°53	13°43	26° 3	11°56	6°34	1° 4	20° 7	12°40	8°53	8° 4	29°33	12° 8	W20
T 21	17 57 18	29°51'30	23°15	23°18	14°45	26°31	12° 3	6°33	1° 3	20° 6	12°41	8°D52	8° 1	29°40	12° 9	T 21
F 22	18 1 15	0♋48'47	7♎28	24°40	15°47	26°59	12°11	6°33	1° 3	20° 5	12°43	8°52	7°58	29°46	12°10	F 22
S 23	18 5 11	1°46'03	21°40	26° 0	16°48	27°27	12°18	6°32	1° 2	20° 5	12°44	8°53	7°54	29°53	12°11	S 23
S 24	18 9 8	2°43'18	5♏46	27°16	17°49	27°56	12°26	6°31	1° 1	20° 4	12°46	8°54	7°51	29°59	12°13	S 24
M25	18 13 5	3°40'33	19°46	28°30	18°50	28°24	12°34	6°31	1° 0	20° 3	12°47	8°56	7°48	0♈ 6	12°14	M25
T 26	18 17 1	4°37'47	3♐37	29°41	19°51	28°53	12°42	6°30	0°59	20° 2	12°49	8°R56	7°45	0°13	12°15	T 26
W27	18 20 58	5°35'01	17°18	0♌49	20°51	29°22	12°50	6°29	0°58	20° 1	12°50	8°56	7°42	0°20	12°16	W27
T 28	18 24 54	6°32'14	0♑46	1°54	21°51	29°52	12°58	6°28	0°57	20° 0	12°52	8°55	7°38	0°27	12°17	T 28
F 29	18 28 51	7°29'27	13°59	2°56	22°50	0♎21	13° 7	6°26	0°56	19°58	12°53	8°52	7°35	0°33	12°18	F 29
S 30	18 32 47	8♋26'40	26♑57	3♌54	23♌50	0♎51	13♍15	6♓25	0♓55	19♒57	12♋55	8♊48	7♊32	0♈40	12♈18	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n 2	25s40	2s22	24n 2	1n15	23n48	2n25	5n42	1n 5	8n56	1n13	10s31	1s27	11s45	0s45	14s51	0s 9	19n58	2s54	21n47	21n47	5s30	6n56	2n34
S 2	22 10	25 27	3 23	24 21	1 23	23 36	2 25	5 32	1 3	8 54	1 13	10 31	1 28	11 45	0 45	14 51	0 9	19 58	2 54	21 47	21 47	5 27	6 57	2 34
S 3	22 18	23 52	4 12	24 38	1 30	23 24	2 25	5 21	1 2	8 52	1 13	10 31	1 28	11 45	0 45	14 51	0 9	19 58	2 54	21 47	21 46	5 25	6 58	2 34
M 4	22 25	21 9	4 48	24 52	1 37	23 11	2 24	5 11	1 0	8 50	1 13	10 30	1 28	11 45	0 45	14 51	0 9	19 58	2 54	21 47	21 46	5 22	6 59	2 34
T 5	22 31	17 33	5 9	25 3	1 43	22 57	2 24	5 0	0 58	8 48	1 13	10 30	1 28	11 45	0 45	14 51	0 9	19 58	2 54	21 47	21 45	5 19	7 0	2 34
W 6	22 38	13 17	5 17	25 12	1 48	22 43	2 23	4 49	0 57	8 46	1 13	10 30	1 28	11 45	0 45	14 51	0 9	19 57	2 54	21 47	21 45	5 16	7 0	2 34
T 7	22 44	8 34	5 10	25 18	1 53	22 29	2 22	4 38	0 55	8 44	1 12	10 30	1 29	11 45	0 45	14 52	0 9	19 57	2 54	21 47	21 44	5 13	7 1	2 34
F 8	22 49	3 33	4 51	25 21	1 56	22 14	2 21	4 27	0 54	8 41	1 12	10 29	1 29	11 46	0 45	14 52	0 9	19 57	2 54	21 47	21 44	5 10	7 2	2 35
S 9	22 55	1n36	4 19	25 22	1 59	21 58	2 20	4 16	0 52	8 39	1 12	10 29	1 29	11 46	0 45	14 52	0 9	19 57	2 54	21 47	21 44	5 7	7 3	2 35
S 10	22 59	6 45	3 36	25 20	2 2	21 42	2 19	4 5	0 51	8 37	1 12	10 29	1 29	11 46	0 45	14 52	0 9	19 57	2 54	21 47	21 43	5 4	7 4	2 35
M11	23 4	11 43	2 42	25 17	2 3	21 26	2 18	3 54	0 49	8 34	1 12	10 29	1 30	11 46	0 45	14 52	0 9	19 57	2 54	21 47	21 43	5 1	7 4	2 35
T 12	23 8	16 19	1 40	25 11	2 4	21 9	2 17	3 42	0 48	8 32	1 12	10 29	1 30	11 46	0 45	14 53	0 9	19 57	2 54	21 47	21 42	4 58	7 5	2 35
W13	23 11	20 18	0 31	25 3	2 4	20 51	2 15	3 31	0 46	8 29	1 11	10 29	1 30	11 46	0 45	14 53	0 9	19 57	2 53	21 47	21 42	4 55	7 6	2 35
T 14	23 15	23 23	0n40	24 53	2 3	20 33	2 14	3 19	0 45	8 27	1 11	10 29	1 30	11 46	0 45	14 53	0 9	19 57	2 53	21 47	21 41	4 52	7 7	2 35
F 15	23 17	25 16	1 51	24 41	2 2	20 15	2 12	3 8	0 43	8 24	1 11	10 30	1 30	11 47	0 46	14 53	0 9	19 57	2 53	21 47	21 41	4 49	7 7	2 35
S 16	23 20	25 43	2 57	24 28	1 59	19 56	2 10	2 56	0 42	8 21	1 11	10 30	1 31	11 47	0 46	14 54	0 9	19 57	2 53	21 47	21 40	4 46	7 8	2 35
S 17	23 22	24 36	3 54	24 13	1 56	19 37	2 8	2 44	0 40	8 18	1 11	10 30	1 31	11 47	0 46	14 54	0 9	19 57	2 53	21 47	21 40	4 43	7 9	2 35
M18	23 23	21 58	4 38	23 57	1 53	19 18	2 6	2 32	0 39	8 16	1 11	10 30	1 31	11 47	0 46	14 54	0 9	19 57	2 53	21 46	21 39	4 40	7 9	2 35
T 19	23 24	18 1	5 5	23 39	1 48	18 58	2 3	2 20	0 38	8 13	1 10	10 31	1 31	11 48	0 46	14 54	0 9	19 57	2 53	21 46	21 39	4 37	7 10	2 35
W20	23 25	13 2	5 15	23 20	1 43	18 37	2 1	2 8	0 36	8 10	1 10	10 31	1 32	11 48	0 46	14 55	0 9	19 57	2 53	21 46	21 38	4 34	7 10	2 35
T 21	23 25	7 21	5 5	23 1	1 38	18 17	1 58	1 55	0 35	8 7	1 10	10 31	1 32	11 48	0 46	14 55	0 9	19 57	2 53	21 46	21 37	4 31	7 11	2 35
F 22	23 25	1 16	4 36	22 40	1 31	17 56	1 56	1 43	0 34	8 4	1 10	10 32	1 32	11 48	0 46	14 55	0 9	19 57	2 53	21 46	21 37	4 29	7 11	2 35
S 23	23 24	4s51	3 51	22 18	1 24	17 35	1 53	1 31	0 32	8 1	1 10	10 32	1 32	11 49	0 46	14 55	0 9	19 57	2 53	21 46	21 36	4 26	7 12	2 36
S 24	23 23	10 43	2 52	21 56	1 16	17 13	1 50	1 18	0 31	7 58	1 10	10 32	1 32	11 49	0 46	14 56	0 9	19 56	2 53	21 46	21 36	4 23	7 13	2 36
M25	23 22	16 0	1 43	21 33	1 8	16 51	1 46	1 5	0 30	7 55	1 10	10 33	1 33	11 49	0 46	14 56	0 9	19 56	2 53	21 46	21 35	4 20	7 13	2 36
T 26	23 20	20 23	0 29	21 10	0 59	16 29	1 43	0 53	0 28	7 51	1 9	10 33	1 33	11 50	0 46	14 56	0 9	19 56	2 53	21 46	21 35	4 17	7 13	2 36
W27	23 18	23 34	0s46	20 46	0 50	16 6	1 40	0 40	0 27	7 48	1 9	10 34	1 33	11 50	0 46	14 57	0 9	19 56	2 52	21 46	21 34	4 14	7 14	2 36
T 28	23 15	25 22	1 57	20 22	0 40	15 43	1 36	0 27	0 26	7 45	1 9	10 35	1 33	11 51	0 46	14 57	0 9	19 56	2 52	21 46	21 34	4 11	7 14	2 36
F 29	23 12	25 40	3 0	19 57	0 29	15 20	1 32	0 14	0 25	7 41	1 9	10 35	1 33	11 51	0 46	14 57	0 9	19 56	2 52	21 46	21 33	4 8	7 15	2 36
S 30	23n 9	24s33	3s53	19n33	0n18	14n57	1n28	0n 1	0n24	7n38	1n 9	10s36	1s34	11s51	0s46	14s58	0s 9	19n56	2s52	21n45	21n33	4s 5	7n15	2n36

Julian Day Number = 2513787.5, Delta T = 136.79 sec
Ecliptic obliquity = 23°25'04, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°07'18, Lahiri = 26°14'18

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2170
geocentric

JULY 2170 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 36 44	9♋23'52	9♒40	4♌49	24♌48	1♎21	13♍24	6°R24	0°R54	19°R56	12♋56	8°R43	7♊29	0♈47	12♈19	S 1
M 2	18 40 40	10°21'05	22° 7	5°41	25°47	1°51	13°32	6♓22	0♓52	19♒55	12°58	8♊38	7°26	0°53	12°20	M 2
T 3	18 44 37	11°18'17	4♓20	6°29	26°44	2°22	13°41	6°21	0°51	19°54	12°59	8°33	7°23	1° 0	12°21	T 3
W 4	18 48 34	12°15'29	16°23	7°14	27°42	2°52	13°50	6°19	0°50	19°53	13° 1	8°29	7°19	1° 7	12°21	W 4
T 5	18 52 30	13°12'42	28°19	7°55	28°39	3°23	13°59	6°18	0°49	19°52	13° 2	8°27	7°16	1°14	12°22	T 5
F 6	18 56 27	14° 9'54	10♈11	8°32	29°36	3°54	14° 8	6°16	0°47	19°50	13° 4	8°D25	7°13	1°20	12°22	F 6
S 7	19 0 23	15° 7'07	22° 5	9° 5	0♍32	4°25	14°17	6°14	0°46	19°49	13° 5	8°26	7°10	1°27	12°23	S 7
S 8	19 4 20	16° 4'20	4♉ 5	9°34	1°27	4°56	14°27	6°12	0°44	19°48	13° 7	8°27	7° 7	1°34	12°23	S 8
M 9	19 8 16	17° 1'33	16°17	9°59	2°22	5°28	14°36	6°10	0°43	19°47	13° 8	8°28	7° 4	1°40	12°24	M 9
T 10	19 12 13	17°58'47	28°44	10°19	3°17	6° 0	14°46	6° 8	0°41	19°45	13°10	8°30	7° 0	1°47	12°24	T 10
W11	19 16 9	18°56'01	11♊31	10°35	4°11	6°31	14°55	6° 5	0°40	19°44	13°11	8°R30	6°57	1°54	12°24	W11
T 12	19 20 6	19°53'15	24°40	10°46	5° 5	7° 3	15° 5	6° 3	0°38	19°43	13°13	8°29	6°54	2° 1	12°24	T 12
F 13	19 24 3	20°50'30	8♋12	10°53	5°58	7°36	15°15	6° 0	0°36	19°41	13°14	8°26	6°51	2° 7	12°25	F 13
S 14	19 27 59	21°47'45	22° 5	10°R54	6°50	8° 8	15°25	5°58	0°35	19°40	13°16	8°21	6°48	2°14	12°25	S 14
S 15	19 31 56	22°45'00	6♌16	10°51	7°42	8°41	15°35	5°55	0°33	19°38	13°17	8°15	6°45	2°21	12°R25	S 15
M16	19 35 52	23°42'15	20°41	10°44	8°33	9°13	15°45	5°53	0°31	19°37	13°19	8° 8	6°41	2°27	12°25	M16
T 17	19 39 49	24°39'30	5♍12	10°31	9°23	9°46	15°55	5°50	0°30	19°36	13°20	8° 1	6°38	2°34	12°25	T 17
W18	19 43 45	25°36'45	19°44	10°14	10°13	10°19	16° 5	5°47	0°28	19°34	13°22	7°55	6°35	2°41	12°24	W18
T 19	19 47 42	26°34'00	4♎11	9°53	11° 2	10°52	16°15	5°44	0°26	19°33	13°23	7°51	6°32	2°48	12°24	T 19
F 20	19 51 39	27°31'16	18°29	9°27	11°51	11°26	16°26	5°41	0°24	19°31	13°25	7°49	6°29	2°54	12°24	F 20
S 21	19 55 35	28°28'31	2♏35	8°58	12°38	11°59	16°36	5°38	0°22	19°30	13°26	7°D49	6°25	3° 1	12°24	S 21
S 22	19 59 32	29°25'47	16°29	8°25	13°25	12°33	16°47	5°35	0°20	19°28	13°28	7°50	6°22	3° 8	12°23	S 22
M23	20 3 28	0♌23'02	0♐10	7°48	14°11	13° 7	16°57	5°32	0°18	19°27	13°29	7°51	6°19	3°14	12°23	M23
T 24	20 7 25	1°20'18	13°38	7°10	14°56	13°41	17° 8	5°28	0°16	19°25	13°31	7°R51	6°16	3°21	12°23	T 24
W25	20 11 21	2°17'35	26°55	6°29	15°40	14°15	17°19	5°25	0°14	19°24	13°32	7°49	6°13	3°28	12°22	W25
T 26	20 15 18	3°14'52	10♑ 0	5°47	16°23	14°49	17°30	5°22	0°12	19°22	13°33	7°45	6°10	3°34	12°22	T 26
F 27	20 19 14	4°12'09	22°53	5° 5	17° 5	15°23	17°41	5°18	0°10	19°20	13°35	7°39	6° 6	3°41	12°21	F 27
S 28	20 23 11	5° 9'27	5♒35	4°23	17°47	15°58	17°52	5°15	0° 8	19°19	13°36	7°30	6° 3	3°48	12°20	S 28
S 29	20 27 8	6° 6'45	18° 5	3°41	18°27	16°33	18° 3	5°11	0° 6	19°17	13°38	7°20	6° 0	3°55	12°20	S 29
M30	20 31 4	7° 4'04	0♓23	3° 2	19° 6	17° 7	18°14	5° 7	0° 4	19°16	13°39	7° 9	5°57	4° 1	12°19	M30
T 31	20 35 1	8♌ 1'24	12♓32	2♌25	19♍44	17♎42	18♍25	5♓ 4	0♓ 2	19♒14	13♋40	6♊59	5♊54	4♈ 8	12♈18	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	23n 5	22s12	4s33	19n 9	0n 6	14n34	1n24	0s12	0n22	7n35	1n 9	10s37	1s34	11s52	0s46	14s58	0s 9	19n56	2s52	21n44	21n32	4s 2	7n16	2n36	
M 2	23 1	18 50	4 59	18 44	0s 6	14 10	1 20	0 25	0 21	7 31	1 9	10 37	1 34	11 52	0 46	14 59	0 9	19 56	2 52	21 43	21 32	3 59	7 16	2 36	
T 3	22 56	14 44	5 11	18 20	0 19	13 46	1 15	0 38	0 20	7 28	1 8	10 38	1 34	11 53	0 46	14 59	0 9	19 56	2 52	21 43	21 31	3 56	7 16	2 36	
W 4	22 51	10 6	5 9	17 56	0 32	13 22	1 11	0 51	0 19	7 24	1 8	10 39	1 35	11 53	0 46	14 59	0 9	19 56	2 52	21 42	21 31	3 53	7 17	2 36	
T 5	22 46	5 9	4 53	17 33	0 45	12 58	1 6	1 5	0 18	7 21	1 8	10 40	1 35	11 54	0 46	15 0	0 10	19 56	2 52	21 42	21 30	3 50	7 17	2 36	
F 6	22 40	0 2	4 25	17 10	0 59	12 33	1 1	1 18	0 16	7 17	1 8	10 41	1 35	11 54	0 46	15 0	0 10	19 56	2 52	21 41	21 30	3 47	7 17	2 36	
S 7	22 34	5n 6	3 46	16 48	1 13	12 9	0 56	1 31	0 15	7 13	1 8	10 41	1 35	11 55	0 46	15 1	0 10	19 55	2 52	21 41	21 29	3 44	7 17	2 37	
S 8	22 27	10 6	2 56	16 26	1 27	11 44	0 51	1 45	0 14	7 10	1 8	10 42	1 35	11 55	0 46	15 1	0 10	19 55	2 52	21 42	21 29	3 41	7 18	2 37	
M 9	22 20	14 49	1 58	16 5	1 42	11 19	0 45	1 58	0 13	7 6	1 8	10 43	1 36	11 56	0 46	15 1	0 10	19 55	2 52	21 42	21 28	3 38	7 18	2 37	
T 10	22 13	19 0	0 53	15 46	1 57	10 54	0 40	2 12	0 12	7 2	1 8	10 44	1 36	11 57	0 46	15 2	0 10	19 55	2 52	21 42	21 28	3 35	7 18	2 37	
W11	22 5	22 25	0n16	15 27	2 12	10 29	0 34	2 25	0 11	6 58	1 7	10 45	1 36	11 57	0 46	15 2	0 10	19 55	2 52	21 42	21 27	3 32	7 18	2 37	
T 12	21 57	24 45	1 27	15 10	2 27	10 4	0 28	2 39	0 10	6 54	1 7	10 46	1 36	11 58	0 46	15 3	0 10	19 55	2 52	21 42	21 27	3 29	7 18	2 37	
F 13	21 48	25 43	2 34	14 54	2 42	9 39	0 22	2 53	0 9	6 51	1 7	10 48	1 36	11 58	0 46	15 3	0 10	19 55	2 52	21 41	21 26	3 26	7 18	2 37	
S 14	21 39	25 7	3 34	14 39	2 57	9 14	0 15	3 7	0 8	6 47	1 7	10 49	1 37	11 59	0 47	15 4	0 10	19 55	2 52	21 41	21 25	3 23	7 19	2 37	
S 15	21 30	22 54	4 21	14 26	3 11	8 49	0 9	3 20	0 6	6 43	1 7	10 50	1 37	12 0	0 47	15 4	0 10	19 55	2 51	21 40	21 25	3 20	7 19	2 37	
M16	21 20	19 13	4 54	14 14	3 25	8 24	0 2	3 34	0 5	6 39	1 7	10 51	1 37	12 0	0 47	15 4	0 10	19 55	2 51	21 39	21 24	3 17	7 19	2 37	
T 17	21 10	14 21	5 7	14 4	3 39	7 58	0s 5	3 48	0 4	6 35	1 7	10 52	1 37	12 1	0 47	15 5	0 10	19 54	2 51	21 38	21 24	3 14	7 19	2 37	
W18	21 0	8 41	5 1	13 56	3 52	7 33	0 12	4 2	0 3	6 31	1 7	10 53	1 37	12 2	0 47	15 5	0 10	19 54	2 51	21 37	21 23	3 11	7 19	2 37	
T 19	20 49	2 34	4 36	13 50	4 4	7 8	0 19	4 16	0 2	6 26	1 7	10 55	1 37	12 2	0 47	15 6	0 10	19 54	2 51	21 36	21 23	3 8	7 19	2 37	
F 20	20 38	3s38	3 54	13 46	4 16	6 43	0 26	4 30	0 1	6 22	1 6	10 56	1 38	12 3	0 47	15 6	0 10	19 54	2 51	21 36	21 22	3 5	7 19	2 38	
S 21	20 27	9 34	2 58	13 43	4 26	6 18	0 34	4 44	0 0	6 18	1 6	10 57	1 38	12 4	0 47	15 7	0 10	19 54	2 51	21 36	21 22	3 2	7 19	2 38	
S 22	20 15	14 57	1 52	13 43	4 35	5 52	0 42	4 58	0s 1	6 14	1 6	10 59	1 38	12 4	0 47	15 7	0 10	19 54	2 51	21 36	21 21	2 59	7 19	2 38	
M23	20 3	19 30	0 41	13 44	4 43	5 28	0 49	5 12	0 2	6 10	1 6	11 0	1 38	12 5	0 47	15 8	0 10	19 54	2 51	21 36	21 21	2 56	7 19	2 38	
T 24	19 51	22 56	0s31	13 47	4 50	5 3	0 58	5 26	0 3	6 6	1 6	11 1	1 38	12 6	0 47	15 8	0 10	19 54	2 51	21 36	21 20	2 53	7 19	2 38	
W25	19 38	25 3	1 40	13 53	4 55	4 38	1 6	5 40	0 4	6 1	1 6	11 3	1 39	12 6	0 47	15 9	0 10	19 54	2 51	21 36	21 20	2 50	7 18	2 38	
T 26	19 25	25 45	2 43	14 0	4 58	4 13	1 14	5 54	0 5	5 57	1 6	11 4	1 39	12 7	0 47	15 9	0 10	19 54	2 51	21 35	21 19	2 47	7 18	2 38	
F 27	19 11	25 2	3 37	14 8	4 59	3 49	1 23	6 8	0 6	5 53	1 6	11 5	1 39	12 8	0 47	15 10	0 10	19 53	2 51	21 34	21 18	2 43	7 18	2 38	
S 28	18 58	23 2	4 18	14 18	4 59	3 25	1 32	6 23	0 7	5 48	1 6	11 7	1 39	12 9	0 47	15 10	0 10	19 53	2 51	21 33	21 18	2 40	7 18	2 38	
S 29	18 44	19 57	4 47	14 30	4 57	3 1	1 41	6 37	0 8	5 44	1 6	11 8	1 39	12 9	0 47	15 11	0 10	19 53	2 51	21 31	21 17	2 37	7 18	2 38	
M30	18 29	16 1	5 1	14 42	4 53	2 37	1 50	6 51	0 8	5 39	1 6	11 10	1 39	12 10	0 47	15 11	0 10	19 53	2 51	21 29	21 17	2 34	7 17	2 38	
T 31	18n15	11s30	5s 2	14n56	4s48	2n13	2s 0	7s 5	0s 9	5n35	1n 5	11s11	1s40	12s11	0s47	15s12	0s10	19n53	2s51	21n27	21n16	2s31	7n17	2n38	

Julian Day Number = 2513817.5, Delta T = 136.85 sec
Ecliptic obliquity = 23°25'05, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°07'22, Lahiri = 26°14'22

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2170
geocentric

AUGUST 2170 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 38 57	8♌58'44	24♓31	1°R51	20♍21	18♎17	18♍36	5°R 0	29°R59	19°R13	13♋42	6°R50	5♊50	4♈15	12°R17	W 1
T 2	20 42 54	9°56'06	6♈24	1♌21	20°56	18°53	18°48	4♓56	29♒57	19♒11	13°43	6♊43	5°47	4°21	12♈17	T 2
F 3	20 46 50	10°53'28	18°15	0°55	21°31	19°28	18°59	4°52	29°55	19° 9	13°45	6°38	5°44	4°28	12°16	F 3
S 4	20 50 47	11°50'52	0♉ 7	0°34	22° 4	20° 3	19°10	4°48	29°53	19° 8	13°46	6°35	5°41	4°35	12°15	S 4
S 5	20 54 43	12°48'17	12° 5	0°19	22°36	20°39	19°22	4°44	29°51	19° 6	13°47	6°D35	5°38	4°42	12°14	S 5
M 6	20 58 40	13°45'43	24°15	0° 9	23° 6	21°15	19°34	4°40	29°49	19° 5	13°49	6°35	5°35	4°48	12°12	M 6
T 7	21 2 37	14°43'10	6♊42	0°D 6	23°35	21°51	19°45	4°36	29°46	19° 3	13°50	6°R35	5°31	4°55	12°11	T 7
W 8	21 6 33	15°40'39	19°30	0° 8	24° 2	22°27	19°57	4°32	29°44	19° 1	13°51	6°35	5°28	5° 2	12°10	W 8
T 9	21 10 30	16°38'08	2♋44	0°18	24°28	23° 3	20° 9	4°28	29°42	19° 0	13°53	6°32	5°25	5° 8	12° 9	T 9
F 10	21 14 26	17°35'39	16°24	0°34	24°52	23°39	20°20	4°23	29°39	18°58	13°54	6°27	5°22	5°15	12° 8	F 10
S 11	21 18 23	18°33'11	0♌32	0°57	25°15	24°15	20°32	4°19	29°37	18°56	13°55	6°19	5°19	5°22	12° 6	S 11
S 12	21 22 19	19°30'44	15° 3	1°27	25°35	24°52	20°44	4°15	29°35	18°55	13°56	6°10	5°16	5°28	12° 5	S 12
M13	21 26 16	20°28'19	29°51	2° 3	25°54	25°29	20°56	4°11	29°32	18°53	13°58	5°59	5°12	5°35	12° 3	M13
T 14	21 30 12	21°25'54	14♍47	2°46	26°12	26° 5	21° 8	4° 6	29°30	18°51	13°59	5°49	5° 9	5°42	12° 2	T 14
W15	21 34 9	22°23'30	29°43	3°36	26°27	26°42	21°20	4° 2	29°28	18°50	14° 0	5°40	5° 6	5°49	12° 0	W15
T 16	21 38 6	23°21'07	14♎30	4°32	26°40	27°19	21°32	3°57	29°25	18°48	14° 1	5°33	5° 3	5°55	11°59	T 16
F 17	21 42 2	24°18'45	29° 1	5°34	26°51	27°56	21°45	3°53	29°23	18°47	14° 3	5°29	5° 0	6° 2	11°57	F 17
S 18	21 45 59	25°16'24	13♏13	6°43	27° 0	28°33	21°57	3°49	29°20	18°45	14° 4	5°27	4°56	6° 9	11°56	S 18
S 19	21 49 55	26°14'04	27° 5	7°57	27° 7	29°11	22° 9	3°44	29°18	18°43	14° 5	5°27	4°53	6°15	11°54	S 19
M20	21 53 52	27°11'46	10♐37	9°17	27°12	29°48	22°21	3°40	29°16	18°42	14° 6	5°27	4°50	6°22	11°52	M20
T 21	21 57 48	28° 9'28	23°52	10°42	27°14	0♏26	22°34	3°35	29°13	18°40	14° 7	5°26	4°47	6°29	11°50	T 21
W22	22 1 45	29° 7'11	6♑52	12°13	27°R14	1° 3	22°46	3°31	29°11	18°39	14° 8	5°23	4°44	6°36	11°49	W22
T 23	22 5 41	0♍ 4'55	19°39	13°47	27°12	1°41	22°58	3°26	29° 9	18°37	14°10	5°17	4°41	6°42	11°47	T 23
F 24	22 9 38	1° 2'41	2♒14	15°27	27° 8	2°19	23°11	3°21	29° 6	18°35	14°11	5° 9	4°37	6°49	11°45	F 24
S 25	22 13 35	2° 0'27	14°39	17° 9	27° 1	2°57	23°23	3°17	29° 4	18°34	14°12	4°58	4°34	6°56	11°43	S 25
S 26	22 17 31	2°58'15	26°56	18°55	26°51	3°35	23°36	3°12	29° 1	18°32	14°13	4°45	4°31	7° 2	11°41	S 26
M27	22 21 28	3°56'04	9♓ 4	20°45	26°40	4°14	23°48	3° 8	28°59	18°31	14°14	4°31	4°28	7° 9	11°39	M27
T 28	22 25 24	4°53'55	21° 5	22°36	26°25	4°52	24° 1	3° 3	28°57	18°29	14°15	4°18	4°25	7°16	11°37	T 28
W29	22 29 21	5°51'47	3♈ 0	24°30	26° 9	5°30	24°13	2°59	28°54	18°27	14°16	4° 5	4°22	7°22	11°35	W29
T 30	22 33 17	6°49'41	14°50	26°25	25°50	6° 9	24°26	2°54	28°52	18°26	14°17	3°56	4°18	7°29	11°33	T 30
F 31	22 37 14	7♍47'37	26♈40	28♌21	25♍29	6♏47	24♍39	2♓50	28♒50	18♒24	14♋18	3♊49	4♊15	7♈36	11♈30	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	18n 0	6s36	4s49	15n10	4s41	1n50	2s 9	7s19	0s10	5n30	1n 5	11s13	1s40	12s12	0s47	15s12	0s10	19n53	2s51	21n26	21n16	2s28	7n17	2n38
T 2	17 45	1 30	4 24	15 25	4 32	1 27	2 19	7 34	0 11	5 26	1 5	11 15	1 40	12 13	0 47	15 13	0 10	19 53	2 51	21 25	21 15	2 25	7 17	2 38
F 3	17 29	3n38	3 48	15 40	4 22	1 5	2 29	7 48	0 12	5 21	1 5	11 16	1 40	12 13	0 47	15 13	0 10	19 53	2 51	21 24	21 15	2 22	7 16	2 38
S 4	17 13	8 40	3 1	15 56	4 11	0 42	2 39	8 2	0 13	5 17	1 5	11 18	1 40	12 14	0 47	15 14	0 10	19 53	2 51	21 23	21 14	2 19	7 16	2 39
S 5	16 57	13 26	2 7	16 11	3 58	0 20	2 50	8 16	0 14	5 12	1 5	11 19	1 40	12 15	0 47	15 14	0 10	19 52	2 51	21 23	21 13	2 16	7 16	2 39
M 6	16 41	17 46	1 5	16 26	3 45	0s 1	3 0	8 31	0 15	5 8	1 5	11 21	1 40	12 16	0 47	15 15	0 10	19 52	2 51	21 23	21 13	2 13	7 15	2 39
T 7	16 24	21 25	0n 1	16 41	3 30	0 23	3 11	8 45	0 16	5 3	1 5	11 23	1 41	12 17	0 47	15 15	0 10	19 52	2 51	21 23	21 12	2 10	7 15	2 39
W 8	16 7	24 8	1 8	16 55	3 15	0 43	3 22	8 59	0 16	4 58	1 5	11 24	1 41	12 17	0 47	15 16	0 10	19 52	2 51	21 23	21 12	2 7	7 14	2 39
T 9	15 50	25 37	2 14	17 9	2 59	1 4	3 33	9 13	0 17	4 54	1 5	11 26	1 41	12 18	0 47	15 16	0 10	19 52	2 51	21 23	21 11	2 4	7 14	2 39
F 10	15 33	25 38	3 15	17 21	2 43	1 23	3 44	9 27	0 18	4 49	1 5	11 27	1 41	12 19	0 47	15 17	0 10	19 52	2 51	21 22	21 11	2 1	7 14	2 39
S 11	15 15	24 0	4 5	17 32	2 27	1 43	3 55	9 41	0 19	4 44	1 5	11 29	1 41	12 20	0 47	15 17	0 10	19 52	2 51	21 21	21 10	1 58	7 13	2 39
S 12	14 57	20 47	4 41	17 42	2 10	2 1	4 7	9 56	0 20	4 40	1 5	11 31	1 41	12 21	0 47	15 18	0 10	19 52	2 51	21 19	21 10	1 55	7 13	2 39
M13	14 39	16 11	4 59	17 50	1 54	2 20	4 18	10 10	0 21	4 35	1 5	11 32	1 41	12 22	0 47	15 19	0 10	19 52	2 51	21 17	21 9	1 52	7 12	2 39
T 14	14 21	10 33	4 58	17 57	1 37	2 37	4 30	10 24	0 21	4 30	1 5	11 34	1 41	12 22	0 47	15 19	0 10	19 51	2 51	21 15	21 8	1 49	7 12	2 39
W15	14 2	4 19	4 35	18 2	1 21	2 54	4 42	10 38	0 22	4 25	1 4	11 36	1 41	12 23	0 47	15 20	0 10	19 51	2 51	21 14	21 8	1 46	7 11	2 39
T 16	13 43	2s 6	3 55	18 4	1 4	3 10	4 53	10 52	0 23	4 20	1 4	11 38	1 42	12 24	0 47	15 20	0 10	19 51	2 51	21 13	21 7	1 43	7 10	2 39
F 17	13 24	8 18	3 0	18 5	0 49	3 25	5 5	11 6	0 24	4 16	1 4	11 39	1 42	12 25	0 47	15 21	0 10	19 51	2 51	21 12	21 7	1 40	7 10	2 39
S 18	13 5	13 58	1 55	18 3	0 33	3 40	5 17	11 20	0 25	4 11	1 4	11 41	1 42	12 26	0 47	15 21	0 10	19 51	2 51	21 12	21 6	1 36	7 9	2 39
S 19	12 46	18 46	0 44	17 58	0 18	3 54	5 29	11 34	0 25	4 6	1 4	11 43	1 42	12 27	0 47	15 22	0 10	19 51	2 51	21 12	21 6	1 33	7 9	2 39
M20	12 26	22 28	0s27	17 51	0 4	4 6	5 41	11 48	0 26	4 1	1 4	11 44	1 42	12 27	0 47	15 22	0 10	19 51	2 51	21 12	21 5	1 30	7 8	2 39
T 21	12 6	24 52	1 36	17 41	0n 9	4 18	5 53	12 2	0 27	3 56	1 4	11 46	1 42	12 28	0 47	15 23	0 10	19 51	2 51	21 11	21 4	1 27	7 7	2 39
W22	11 46	25 52	2 38	17 28	0 22	4 29	6 5	12 16	0 28	3 51	1 4	11 48	1 42	12 29	0 47	15 23	0 10	19 51	2 50	21 11	21 4	1 24	7 7	2 39
T 23	11 26	25 27	3 31	17 13	0 34	4 39	6 17	12 30	0 29	3 46	1 4	11 50	1 42	12 30	0 47	15 24	0 10	19 50	2 50	21 10	21 3	1 21	7 6	2 39
F 24	11 6	23 44	4 12	16 55	0 45	4 48	6 29	12 44	0 29	3 41	1 4	11 51	1 42	12 31	0 47	15 24	0 10	19 50	2 50	21 8	21 3	1 18	7 5	2 39
S 25	10 45	20 54	4 41	16 34	0 55	4 56	6 40	12 57	0 30	3 36	1 4	11 53	1 42	12 32	0 47	15 25	0 10	19 50	2 50	21 6	21 2	1 15	7 4	2 39
S 26	10 24	17 10	4 57	16 10	1 5	5 2	6 51	13 11	0 31	3 31	1 4	11 55	1 42	12 32	0 47	15 25	0 10	19 50	2 50	21 4	21 2	1 12	7 4	2 39
M27	10 3	12 46	4 59	15 43	1 13	5 8	7 2	13 25	0 31	3 26	1 4	11 57	1 43	12 33	0 47	15 26	0 10	19 50	2 50	21 2	21 1	1 9	7 3	2 40
T 28	9 42	7 56	4 47	15 14	1 20	5 12	7 13	13 38	0 32	3 21	1 4	11 58	1 43	12 34	0 47	15 26	0 10	19 50	2 50	20 59	21 0	1 6	7 2	2 40
W29	9 21	2 50	4 23	14 43	1 27	5 15	7 23	13 52	0 33	3 16	1 4	12 0	1 43	12 35	0 47	15 27	0 10	19 50	2 50	20 57	21 0	1 3	7 1	2 40
T 30	9 0	2n21	3 48	14 9	1 32	5 17	7 33	14 5	0 34	3 11	1 4	12 2	1 43	12 36	0 47	15 27	0 10	19 50	2 50	20 55	20 59	1 0	7 1	2 40
F 31	8n38	7n26	3s 2	13n33	1n37	5s17	7s43	14s19	0s34	3n 6	1n 4	12s 3	1s43	12s37	0s47	15s28	0s10	19n50	2s50	20n54	20n59	0s57	7n 0	2n40

Julian Day Number = 2513848.5, Delta T = 136.92 sec
Ecliptic obliquity = 23°25'05, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°07'26, Lahiri = 26°14'27

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2170
geocentric

SEPTEMBER 2170 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 41 10	8♍45'34	8♉31	0♍18	25°R 6	7♏26	24♍51	2°R45	28°R47	18°R23	14♋19	3°R44	4♊12	7♈42	11°R28	S 1
S 2	22 45 7	9°43'34	20°28	2°16	24♍41	8° 5	25° 4	2♓41	28♒45	18♒21	14°20	3♊42	4° 9	7°49	11♈26	S 2
M 3	22 49 3	10°41'35	2♊35	4°14	24°13	8°44	25°17	2°36	28°42	18°20	14°21	3°D42	4° 6	7°56	11°24	M 3
T 4	22 53 0	11°39'38	14°59	6°12	23°44	9°23	25°30	2°32	28°40	18°18	14°22	3°R42	4° 2	8° 3	11°22	T 4
W 5	22 56 57	12°37'43	27°44	8°10	23°14	10° 2	25°42	2°27	28°38	18°17	14°23	3°41	3°59	8° 9	11°19	W 5
T 6	23 0 53	13°35'50	10♋55	10° 7	22°41	10°41	25°55	2°23	28°36	18°16	14°24	3°39	3°56	8°16	11°17	T 6
F 7	23 4 50	14°33'59	24°35	12° 4	22° 8	11°21	26° 8	2°18	28°33	18°14	14°24	3°34	3°53	8°23	11°14	F 7
S 8	23 8 46	15°32'09	8♌44	14° 0	21°33	12° 0	26°21	2°14	28°31	18°13	14°25	3°27	3°50	8°29	11°12	S 8
S 9	23 12 43	16°30'22	23°21	15°55	20°58	12°40	26°34	2°10	28°29	18°11	14°26	3°17	3°47	8°36	11°10	S 9
M10	23 16 39	17°28'36	8♍20	17°50	20°21	13°20	26°47	2° 5	28°27	18°10	14°27	3° 7	3°43	8°43	11° 7	M10
T 11	23 20 36	18°26'53	23°32	19°43	19°45	13°59	27° 0	2° 1	28°24	18° 9	14°28	2°56	3°40	8°49	11° 5	T 11
W12	23 24 32	19°25'10	8♎45	21°36	19° 7	14°39	27°13	1°57	28°22	18° 7	14°28	2°47	3°37	8°56	11° 2	W12
T 13	23 28 29	20°23'30	23°51	23°27	18°30	15°19	27°25	1°53	28°20	18° 6	14°29	2°40	3°34	9° 3	11° 0	T 13
F 14	23 32 26	21°21'51	8♏38	25°17	17°54	15°59	27°38	1°49	28°18	18° 5	14°30	2°35	3°31	9°10	10°57	F 14
S 15	23 36 22	22°20'14	23° 3	27° 6	17°17	16°39	27°51	1°44	28°16	18° 3	14°31	2°33	3°28	9°16	10°55	S 15
S 16	23 40 19	23°18'39	7♐ 3	28°54	16°42	17°20	28° 4	1°40	28°14	18° 2	14°31	2°D33	3°24	9°23	10°52	S 16
M17	23 44 15	24°17'05	20°38	0♎41	16° 7	18° 0	28°17	1°36	28°12	18° 1	14°32	2°R34	3°21	9°30	10°49	M17
T 18	23 48 12	25°15'32	3♑50	2°27	15°33	18°41	28°30	1°32	28° 9	18° 0	14°32	2°33	3°18	9°36	10°47	T 18
W19	23 52 8	26°14'01	16°43	4°12	15° 1	19°21	28°43	1°29	28° 7	17°58	14°33	2°31	3°15	9°43	10°44	W19
T 20	23 56 5	27°12'32	29°19	5°56	14°30	20° 2	28°56	1°25	28° 5	17°57	14°34	2°27	3°12	9°50	10°41	T 20
F 21	0 0 1	28°11'04	11♒42	7°38	14° 1	20°42	29° 9	1°21	28° 3	17°56	14°34	2°20	3° 8	9°56	10°39	F 21
S 22	0 3 58	29° 9'39	23°55	9°20	13°34	21°23	29°22	1°17	28° 2	17°55	14°35	2°11	3° 5	10° 3	10°36	S 22
S 23	0 7 55	0♎ 8'14	6♓ 1	11° 1	13° 9	22° 4	29°35	1°13	28° 0	17°54	14°35	2° 0	3° 2	10°10	10°33	S 23
M24	0 11 51	1° 6'52	18° 0	12°40	12°46	22°45	29°48	1°10	27°58	17°53	14°36	1°48	2°59	10°17	10°31	M24
T 25	0 15 48	2° 5'31	29°55	14°19	12°25	23°26	0♎ 1	1° 6	27°56	17°52	14°36	1°37	2°56	10°23	10°28	T 25
W26	0 19 44	3° 4'13	11♈46	15°56	12° 6	24° 7	0°14	1° 3	27°54	17°51	14°37	1°27	2°53	10°30	10°25	W26
T 27	0 23 41	4° 2'56	23°36	17°33	11°50	24°49	0°27	0°59	27°52	17°50	14°37	1°19	2°49	10°37	10°22	T 27
F 28	0 27 37	5° 1'42	5♉27	19° 9	11°36	25°30	0°40	0°56	27°51	17°49	14°38	1°13	2°46	10°43	10°20	F 28
S 29	0 31 34	6° 0'29	17°20	20°43	11°25	26°11	0°53	0°53	27°49	17°48	14°38	1° 9	2°43	10°50	10°17	S 29
S 30	0 35 30	6♎59'19	29♉20	22♎17	11♍16	26♏53	1♎ 6	0♓49	27♒47	17♒47	14♋38	1°D 8	2♊40	10♈57	10♈14	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n17	12n17	2s 9	12n55	1n40	5s16	7s52	14s32	0s35	3n 1	1n 4	12s 5	1s43	12s37	0s47	15s28	0s10	19n50	2s50	20n53	20n58	0s53	6n59	2n40
S 2	7 55	16 44	1 9	12 16	1 43	5 14	8 0	14 45	0 36	2 56	1 4	12 7	1 43	12 38	0 47	15 29	0 10	19 49	2 50	20 52	20 57	0 50	6 58	2 40
M 3	7 33	20 34	0 6	11 35	1 45	5 10	8 8	14 58	0 36	2 51	1 4	12 8	1 43	12 39	0 47	15 29	0 10	19 49	2 50	20 52	20 57	0 47	6 57	2 40
T 4	7 11	23 34	0n59	10 52	1 46	5 5	8 15	15 12	0 37	2 46	1 4	12 10	1 43	12 40	0 47	15 29	0 10	19 49	2 50	20 52	20 56	0 44	6 56	2 40
W 5	6 49	25 28	2 4	10 9	1 47	4 59	8 21	15 25	0 38	2 41	1 4	12 12	1 43	12 41	0 47	15 30	0 10	19 49	2 50	20 52	20 56	0 41	6 55	2 40
T 6	6 27	26 1	3 3	9 25	1 46	4 52	8 27	15 38	0 38	2 36	1 4	12 13	1 43	12 41	0 47	15 30	0 10	19 49	2 50	20 52	20 55	0 38	6 54	2 40
F 7	6 4	25 2	3 55	8 39	1 45	4 43	8 32	15 50	0 39	2 31	1 4	12 15	1 43	12 42	0 47	15 31	0 10	19 49	2 50	20 51	20 54	0 35	6 53	2 40
S 8	5 42	22 28	4 34	7 53	1 44	4 33	8 36	16 3	0 40	2 26	1 4	12 16	1 43	12 43	0 47	15 31	0 10	19 49	2 50	20 49	20 54	0 32	6 53	2 40
S 9	5 19	18 23	4 57	7 7	1 42	4 22	8 39	16 16	0 40	2 20	1 4	12 18	1 43	12 44	0 47	15 32	0 10	19 49	2 50	20 48	20 53	0 29	6 52	2 40
M10	4 57	13 4	5 0	6 20	1 39	4 10	8 41	16 29	0 41	2 15	1 4	12 20	1 43	12 44	0 47	15 32	0 10	19 49	2 50	20 46	20 53	0 26	6 51	2 40
T 11	4 34	6 53	4 42	5 32	1 36	3 57	8 42	16 41	0 42	2 10	1 4	12 21	1 43	12 45	0 47	15 33	0 10	19 49	2 50	20 44	20 52	0 23	6 50	2 40
W12	4 11	0 17	4 5	4 45	1 32	3 43	8 42	16 54	0 42	2 5	1 4	12 23	1 43	12 46	0 47	15 33	0 10	19 49	2 50	20 42	20 51	0 19	6 49	2 40
T 13	3 48	6s18	3 10	3 57	1 28	3 28	8 42	17 6	0 43	2 0	1 4	12 24	1 43	12 47	0 47	15 33	0 10	19 48	2 50	20 40	20 51	0 16	6 48	2 40
F 14	3 25	12 25	2 3	3 9	1 24	3 12	8 40	17 18	0 43	1 55	1 4	12 26	1 43	12 47	0 47	15 34	0 10	19 48	2 50	20 40	20 50	0 13	6 47	2 40
S 15	3 2	17 43	0 50	2 22	1 19	2 56	8 38	17 30	0 44	1 50	1 4	12 27	1 43	12 48	0 47	15 34	0 10	19 48	2 50	20 39	20 50	0 10	6 46	2 40
S 16	2 39	21 52	0s24	1 34	1 14	2 39	8 34	17 42	0 45	1 45	1 4	12 29	1 43	12 49	0 47	15 35	0 10	19 48	2 50	20 39	20 49	0 7	6 45	2 39
M17	2 16	24 40	1 35	0 46	1 9	2 22	8 30	17 54	0 45	1 39	1 4	12 30	1 43	12 50	0 47	15 35	0 10	19 48	2 50	20 39	20 48	0 4	6 43	2 39
T 18	1 53	26 0	2 38	0s 1	1 3	2 5	8 25	18 6	0 46	1 34	1 4	12 31	1 43	12 50	0 47	15 35	0 10	19 48	2 51	20 39	20 48	0 1	6 42	2 39
W19	1 30	25 53	3 32	0 48	0 57	1 47	8 19	18 18	0 46	1 29	1 4	12 33	1 43	12 51	0 47	15 36	0 10	19 48	2 51	20 39	20 47	0n 2	6 41	2 39
T 20	1 7	24 25	4 14	1 34	0 51	1 29	8 12	18 29	0 47	1 24	1 4	12 34	1 43	12 52	0 47	15 36	0 10	19 48	2 51	20 38	20 47	0 5	6 40	2 39
F 21	0 43	21 48	4 44	2 21	0 44	1 11	8 5	18 41	0 48	1 19	1 4	12 36	1 43	12 52	0 47	15 36	0 10	19 48	2 51	20 37	20 46	0 8	6 39	2 39
S 22	0 20	18 15	5 0	3 7	0 38	0 53	7 57	18 52	0 48	1 14	1 4	12 37	1 43	12 53	0 47	15 37	0 10	19 48	2 51	20 35	20 45	0 11	6 38	2 39
S 23	0s 3	13 59	5 2	3 52	0 31	0 36	7 48	19 3	0 49	1 9	1 4	12 38	1 43	12 54	0 47	15 37	0 10	19 48	2 51	20 33	20 45	0 15	6 37	2 39
M24	0 27	9 12	4 51	4 37	0 25	0 18	7 39	19 14	0 49	1 3	1 4	12 39	1 43	12 54	0 47	15 37	0 10	19 48	2 51	20 30	20 44	0 18	6 36	2 39
T 25	0 50	4 8	4 28	5 22	0 18	0 1	7 29	19 25	0 50	0 58	1 4	12 41	1 43	12 55	0 47	15 38	0 10	19 48	2 51	20 28	20 44	0 21	6 35	2 39
W26	1 13	1n 5	3 52	6 6	0 11	0n15	7 19	19 36	0 50	0 53	1 4	12 42	1 43	12 55	0 47	15 38	0 10	19 48	2 51	20 26	20 43	0 24	6 34	2 39
T 27	1 36	6 16	3 7	6 50	0 3	0 31	7 8	19 47	0 51	0 48	1 4	12 43	1 43	12 56	0 47	15 38	0 10	19 47	2 51	20 24	20 42	0 27	6 33	2 39
F 28	2 0	11 14	2 13	7 33	0s 4	0 47	6 57	19 57	0 51	0 43	1 4	12 44	1 43	12 57	0 47	15 39	0 10	19 47	2 51	20 23	20 42	0 30	6 31	2 39
S 29	2 23	15 49	1 13	8 15	0 11	1 1	6 45	20 7	0 52	0 38	1 4	12 45	1 43	12 57	0 47	15 39	0 10	19 47	2 51	20 22	20 41	0 33	6 30	2 39
S 30	2s46	19n50	0s10	8s57	0s18	1n15	6s34	20s18	0s52	0n33	1n 4	12s47	1s43	12s58	0s47	15s39	0s10	19n47	2s51	20n22	20n40	0n36	6n29	2n39

Julian Day Number = 2513879.5, Delta T = 136.99 sec
Ecliptic obliquity = 23°25'06, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°07'31, Lahiri = 26°14'31

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2170
geocentric

OCTOBER 2170 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 39 27	7♎58'11	11♊29	23♎50	11°R 9	27♏35	1♎19	0°R46	27°R45	17°R46	14♋39	1♊ 9	2♊37	11♈ 3	10°R11	M 1
T 2	0 43 24	8°57'05	23°53	25°22	11♍ 5	28°16	1°32	0♓43	27♒44	17♒45	14°39	1°10	2°33	11°10	10♈ 9	T 2
W 3	0 47 20	9°56'02	6♋35	26°54	11°D 4	28°58	1°45	0°40	27°42	17°44	14°39	1°R11	2°30	11°17	10° 6	W 3
T 4	0 51 17	10°55'01	19°41	28°24	11° 4	29°40	1°58	0°37	27°41	17°43	14°40	1°10	2°27	11°23	10° 3	T 4
F 5	0 55 13	11°54'02	3♌13	29°53	11° 7	0♐22	2°11	0°34	27°39	17°42	14°40	1° 8	2°24	11°30	10° 0	F 5
S 6	0 59 10	12°53'06	17°14	1♏22	11°13	1° 4	2°24	0°32	27°38	17°42	14°40	1° 4	2°21	11°37	9°58	S 6
S 7	1 3 6	13°52'11	1♍43	2°49	11°21	1°46	2°36	0°29	27°36	17°41	14°40	0°58	2°18	11°44	9°55	S 7
M 8	1 7 3	14°51'19	16°37	4°16	11°30	2°28	2°49	0°26	27°35	17°40	14°40	0°51	2°14	11°50	9°52	M 8
T 9	1 10 59	15°50'29	1♎47	5°42	11°43	3°11	3° 2	0°24	27°34	17°40	14°41	0°44	2°11	11°57	9°49	T 9
W10	1 14 56	16°49'42	17° 4	7° 7	11°57	3°53	3°15	0°21	27°32	17°39	14°41	0°38	2° 8	12° 4	9°47	W10
T 11	1 18 53	17°48'56	2♏17	8°31	12°13	4°36	3°28	0°19	27°31	17°38	14°41	0°34	2° 5	12°10	9°44	T 11
F 12	1 22 49	18°48'12	17°16	9°54	12°31	5°18	3°40	0°17	27°30	17°38	14°41	0°31	2° 2	12°17	9°41	F 12
S 13	1 26 46	19°47'30	1♐54	11°16	12°51	6° 1	3°53	0°15	27°29	17°37	14°41	0°D30	1°59	12°24	9°38	S 13
S 14	1 30 42	20°46'50	16° 5	12°37	13°13	6°44	4° 6	0°13	27°27	17°37	14°41	0°31	1°55	12°30	9°36	S 14
M15	1 34 39	21°46'12	29°50	13°56	13°37	7°26	4°19	0°11	27°26	17°36	14°R41	0°33	1°52	12°37	9°33	M15
T 16	1 38 35	22°45'36	13♑ 7	15°15	14° 2	8° 9	4°31	0° 9	27°25	17°36	14°41	0°34	1°49	12°44	9°30	T 16
W17	1 42 32	23°45'01	26° 2	16°32	14°29	8°52	4°44	0° 7	27°24	17°35	14°41	0°R34	1°46	12°50	9°28	W17
T 18	1 46 28	24°44'28	8♒36	17°48	14°58	9°35	4°57	0° 5	27°23	17°35	14°41	0°33	1°43	12°57	9°25	T 18
F 19	1 50 25	25°43'57	20°55	19° 3	15°28	10°18	5° 9	0° 4	27°22	17°34	14°41	0°30	1°39	13° 4	9°22	F 19
S 20	1 54 22	26°43'28	3♓ 2	20°16	16° 0	11° 2	5°22	0° 2	27°21	17°34	14°41	0°26	1°36	13°11	9°20	S 20
S 21	1 58 18	27°43'00	15° 1	21°27	16°34	11°45	5°34	0° 1	27°21	17°34	14°41	0°21	1°33	13°17	9°17	S 21
M22	2 2 15	28°42'34	26°54	22°36	17° 8	12°28	5°47	29♒59	27°20	17°34	14°40	0°15	1°30	13°24	9°15	M22
T 23	2 6 11	29°42'10	8♈45	23°44	17°44	13°12	5°59	29°58	27°19	17°33	14°40	0° 9	1°27	13°31	9°12	T 23
W24	2 10 8	0♏41'48	20°36	24°49	18°22	13°55	6°12	29°57	27°18	17°33	14°40	0° 4	1°24	13°37	9° 9	W24
T 25	2 14 4	1°41'27	2♉28	25°52	19° 0	14°39	6°24	29°56	27°18	17°33	14°40	0° 0	1°20	13°44	9° 7	T 25
F 26	2 18 1	2°41'09	14°24	26°53	19°40	15°22	6°36	29°55	27°17	17°33	14°40	29♉58	1°17	13°51	9° 5	F 26
S 27	2 21 57	3°40'53	26°25	27°50	20°21	16° 6	6°48	29°54	27°17	17°33	14°39	29°D57	1°14	13°57	9° 2	S 27
S 28	2 25 54	4°40'39	8♊34	28°45	21° 3	16°50	7° 1	29°54	27°16	17°33	14°39	29°57	1°11	14° 4	9° 0	S 28
M29	2 29 50	5°40'27	20°52	29°36	21°46	17°34	7°13	29°53	27°16	17°33	14°39	29°58	1° 8	14°11	8°57	M29
T 30	2 33 47	6°40'18	3♋23	0♐23	22°31	18°18	7°25	29°53	27°15	17°D33	14°38	29°59	1° 5	14°17	8°55	T 30
W31	2 37 44	7♏40'10	16♋10	1♐ 6	23♍16	19♐ 2	7♎37	29♒52	27♒15	17♒33	14♋38	0♊ 1	1♊ 1	14♈24	8♈52	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	3s10	23n 3	0n55	9s38	0s25	1n29	6s22	20s28	0s53	0n28	1n 4	12s48	1s43	12s58	0s47	15s40	0s10	19n47	2s51	20n22	20n40	0n39	6n28	2n39
T 2	3 33	25 16	1 59	10 19	0 33	1 41	6 10	20 37	0 53	0 22	1 4	12 49	1 43	12 59	0 47	15 40	0 10	19 47	2 51	20 22	20 39	0 43	6 27	2 39
W 3	3 56	26 14	2 59	10 59	0 40	1 53	5 58	20 47	0 54	0 17	1 4	12 50	1 43	12 59	0 47	15 40	0 10	19 47	2 51	20 23	20 39	0 46	6 26	2 39
T 4	4 19	25 47	3 51	11 38	0 47	2 4	5 46	20 57	0 54	0 12	1 4	12 51	1 43	13 0	0 47	15 40	0 10	19 47	2 51	20 23	20 38	0 49	6 24	2 39
F 5	4 42	23 50	4 33	12 17	0 55	2 14	5 33	21 6	0 55	0 7	1 4	12 52	1 43	13 0	0 47	15 41	0 10	19 47	2 51	20 22	20 37	0 52	6 23	2 39
S 6	5 5	20 24	4 59	12 54	1 2	2 24	5 21	21 15	0 55	0 2	1 4	12 53	1 43	13 1	0 47	15 41	0 10	19 47	2 51	20 21	20 37	0 55	6 22	2 38
S 7	5 28	15 39	5 8	13 31	1 9	2 32	5 9	21 24	0 56	0s 3	1 4	12 53	1 42	13 1	0 46	15 41	0 10	19 47	2 51	20 20	20 36	0 58	6 21	2 38
M 8	5 51	9 50	4 57	14 8	1 16	2 40	4 57	21 33	0 56	0 8	1 5	12 54	1 42	13 2	0 46	15 41	0 10	19 47	2 51	20 19	20 35	1 1	6 20	2 38
T 9	6 14	3 20	4 24	14 43	1 23	2 47	4 44	21 42	0 57	0 13	1 5	12 55	1 42	13 2	0 46	15 42	0 10	19 47	2 51	20 17	20 35	1 4	6 19	2 38
W10	6 36	3s25	3 33	15 18	1 30	2 53	4 32	21 51	0 57	0 18	1 5	12 56	1 42	13 3	0 46	15 42	0 10	19 47	2 51	20 16	20 34	1 7	6 18	2 38
T 11	6 59	9 57	2 27	15 52	1 37	2 58	4 20	21 59	0 57	0 23	1 5	12 57	1 42	13 3	0 46	15 42	0 10	19 47	2 51	20 15	20 34	1 11	6 16	2 38
F 12	7 22	15 50	1 11	16 25	1 44	3 2	4 8	22 7	0 58	0 28	1 5	12 57	1 42	13 3	0 46	15 42	0 11	19 47	2 51	20 14	20 33	1 14	6 15	2 38
S 13	7 44	20 39	0s 8	16 57	1 50	3 5	3 56	22 15	0 58	0 33	1 5	12 58	1 42	13 4	0 46	15 42	0 11	19 47	2 51	20 14	20 32	1 17	6 14	2 38
S 14	8 6	24 5	1 24	17 28	1 57	3 8	3 45	22 23	0 59	0 38	1 5	12 59	1 42	13 4	0 46	15 43	0 11	19 47	2 51	20 15	20 32	1 20	6 13	2 38
M15	8 29	25 58	2 33	17 58	2 3	3 9	3 33	22 30	0 59	0 43	1 5	12 59	1 42	13 5	0 46	15 43	0 11	19 47	2 51	20 15	20 31	1 23	6 12	2 38
T 16	8 51	26 16	3 31	18 27	2 9	3 10	3 22	22 38	1 0	0 48	1 5	13 0	1 42	13 5	0 46	15 43	0 11	19 47	2 51	20 15	20 30	1 26	6 11	2 37
W17	9 13	25 8	4 17	18 55	2 15	3 10	3 10	22 45	1 0	0 53	1 5	13 1	1 42	13 5	0 46	15 43	0 11	19 47	2 51	20 15	20 30	1 29	6 9	2 37
T 18	9 34	22 44	4 49	19 22	2 21	3 10	2 59	22 52	1 0	0 58	1 5	13 1	1 42	13 5	0 46	15 43	0 11	19 47	2 51	20 15	20 29	1 32	6 8	2 37
F 19	9 56	19 21	5 7	19 48	2 26	3 8	2 48	22 59	1 1	1 3	1 5	13 2	1 42	13 6	0 46	15 43	0 11	19 47	2 51	20 14	20 29	1 36	6 7	2 37
S 20	10 18	15 13	5 11	20 13	2 31	3 6	2 37	23 5	1 1	1 8	1 5	13 2	1 41	13 6	0 46	15 43	0 11	19 47	2 51	20 13	20 28	1 39	6 6	2 37
S 21	10 39	10 32	5 1	20 37	2 36	3 3	2 27	23 11	1 2	1 13	1 5	13 2	1 41	13 6	0 46	15 43	0 11	19 47	2 51	20 12	20 27	1 42	6 5	2 37
M22	11 0	5 30	4 39	20 59	2 40	2 59	2 16	23 18	1 2	1 17	1 5	13 3	1 41	13 7	0 46	15 44	0 11	19 47	2 51	20 11	20 27	1 45	6 4	2 37
T 23	11 21	0 17	4 4	21 21	2 45	2 54	2 6	23 24	1 2	1 22	1 6	13 3	1 41	13 7	0 46	15 44	0 11	19 47	2 51	20 10	20 26	1 48	6 3	2 37
W24	11 42	4n58	3 19	21 41	2 48	2 49	1 56	23 29	1 3	1 27	1 6	13 3	1 41	13 7	0 46	15 44	0 11	19 47	2 51	20 9	20 25	1 51	6 1	2 37
T 25	12 3	10 3	2 25	21 59	2 52	2 43	1 46	23 35	1 3	1 32	1 6	13 4	1 41	13 7	0 46	15 44	0 11	19 47	2 51	20 8	20 25	1 54	6 0	2 36
F 26	12 24	14 48	1 24	22 16	2 54	2 36	1 37	23 40	1 3	1 37	1 6	13 4	1 41	13 7	0 46	15 44	0 11	19 47	2 51	20 8	20 24	1 57	5 59	2 36
S 27	12 44	19 1	0 19	22 32	2 57	2 29	1 27	23 45	1 4	1 41	1 6	13 4	1 41	13 7	0 46	15 44	0 11	19 47	2 51	20 7	20 23	2 1	5 58	2 36
S 28	13 4	22 29	0n47	22 46	2 58	2 21	1 18	23 50	1 4	1 46	1 6	13 4	1 41	13 8	0 46	15 44	0 11	19 47	2 51	20 7	20 23	2 4	5 57	2 36
M29	13 24	24 59	1 53	22 58	2 59	2 12	1 9	23 54	1 4	1 51	1 6	13 4	1 41	13 8	0 46	15 44	0 11	19 47	2 51	20 8	20 22	2 7	5 56	2 36
T 30	13 44	26 16	2 54	23 9	3 0	2 3	1 0	23 58	1 5	1 56	1 6	13 4	1 41	13 8	0 46	15 44	0 11	19 47	2 51	20 8	20 21	2 10	5 55	2 36
W31	14s 3	26n13	3n48	23s17	2s59	1n53	0s51	24s 3	1s 5	2s 0	1n 6	13s 4	1s40	13s 8	0s46	15s44	0s11	19n47	2s51	20n 8	20n21	2n13	5n54	2n36

Julian Day Number = 2513909.5, Delta T = 137.05 sec
Ecliptic obliquity = 23°25'06, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°07'35, Lahiri = 26°14'35

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2170
geocentric

NOVEMBER 2170 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 41 40	8♏40'05	29♋16	1♐43	24♍ 2	19♐46	7♎49	29°R52	27°R15	17♒33	14°R38	0♊ 3	0♊58	14♈31	8°R50	T 1
F 2	2 45 37	9°40'02	12♌43	2°16	24°50	20°30	8° 1	29♒52	27♒14	17°33	14♋37	0°R 3	0°55	14°37	8♈48	F 2
S 3	2 49 33	10°40'01	26°33	2°43	25°38	21°14	8°13	29°D52	27°14	17°33	14°37	0° 2	0°52	14°44	8°46	S 3
S 4	2 53 30	11°40'02	10♍47	3° 3	26°27	21°58	8°25	29°52	27°14	17°33	14°36	0° 1	0°49	14°51	8°43	S 4
M 5	2 57 26	12°40'05	25°22	3°16	27°16	22°43	8°37	29°52	27°14	17°33	14°36	29♉58	0°45	14°57	8°41	M 5
T 6	3 1 23	13°40'10	10♎14	3°R21	28° 7	23°27	8°49	29°52	27°D14	17°33	14°35	29°56	0°42	15° 4	8°39	T 6
W 7	3 5 19	14°40'18	25°17	3°18	28°58	24°12	9° 0	29°52	27°14	17°34	14°35	29°54	0°39	15°11	8°37	W 7
T 8	3 9 16	15°40'27	10♏21	3° 6	29°51	24°56	9°12	29°53	27°14	17°34	14°34	29°53	0°36	15°18	8°35	T 8
F 9	3 13 13	16°40'38	25°17	2°45	0♎43	25°41	9°23	29°53	27°14	17°34	14°34	29°D52	0°33	15°24	8°33	F 9
S 10	3 17 9	17°40'51	9♐57	2°13	1°37	26°26	9°35	29°54	27°14	17°35	14°33	29°53	0°30	15°31	8°31	S 10
S 11	3 21 6	18°41'06	24°15	1°32	2°31	27°10	9°46	29°55	27°15	17°35	14°33	29°53	0°26	15°38	8°29	S 11
M12	3 25 2	19°41'22	8♑ 8	0°42	3°26	27°55	9°58	29°56	27°15	17°36	14°32	29°54	0°23	15°44	8°27	M12
T 13	3 28 59	20°41'40	21°35	29♏42	4°21	28°40	10° 9	29°57	27°15	17°36	14°31	29°55	0°20	15°51	8°25	T 13
W14	3 32 55	21°41'59	4♒36	28°34	5°17	29°25	10°20	29°58	27°16	17°37	14°31	29°56	0°17	15°58	8°23	W14
T 15	3 36 52	22°42'20	17°15	27°20	6°14	0♑10	10°32	29°59	27°16	17°37	14°30	29°R56	0°14	16° 4	8°21	T 15
F 16	3 40 49	23°42'42	29°35	26° 2	7°11	0°55	10°43	0♓ 0	27°16	17°38	14°29	29°56	0°11	16°11	8°20	F 16
S 17	3 44 45	24°43'05	11♓41	24°41	8° 9	1°40	10°54	0° 1	27°17	17°38	14°29	29°56	0° 7	16°18	8°18	S 17
S 18	3 48 42	25°43'30	23°37	23°21	9° 7	2°26	11° 5	0° 3	27°18	17°39	14°28	29°55	0° 4	16°24	8°16	S 18
M19	3 52 38	26°43'56	5♈28	22° 5	10° 6	3°11	11°15	0° 5	27°18	17°40	14°27	29°55	0° 1	16°31	8°15	M19
T 20	3 56 35	27°44'23	17°18	20°54	11° 5	3°56	11°26	0° 6	27°19	17°40	14°26	29°54	29♉58	16°38	8°13	T 20
W21	4 0 31	28°44'52	29°10	19°51	12° 5	4°41	11°37	0° 8	27°20	17°41	14°26	29°54	29°55	16°44	8°12	W21
T 22	4 4 28	29°45'22	11♉ 7	18°57	13° 5	5°27	11°48	0°10	27°20	17°42	14°25	29°D54	29°51	16°51	8°10	T 22
F 23	4 8 24	0♐45'54	23°11	18°15	14° 6	6°12	11°58	0°12	27°21	17°43	14°24	29°54	29°48	16°58	8° 9	F 23
S 24	4 12 21	1°46'27	5♊24	17°43	15° 7	6°58	12° 9	0°14	27°22	17°43	14°23	29°R54	29°45	17° 4	8° 7	S 24
S 25	4 16 18	2°47'02	17°48	17°24	16° 8	7°43	12°19	0°16	27°23	17°44	14°22	29°54	29°42	17°11	8° 6	S 25
M26	4 20 14	3°47'38	0♋24	17°D16	17°10	8°29	12°29	0°18	27°24	17°45	14°21	29°54	29°39	17°18	8° 5	M26
T 27	4 24 11	4°48'16	13°12	17°19	18°12	9°15	12°39	0°21	27°25	17°46	14°20	29°53	29°36	17°25	8° 4	T 27
W28	4 28 7	5°48'55	26°14	17°33	19°15	10° 1	12°49	0°23	27°26	17°47	14°20	29°53	29°32	17°31	8° 2	W28
T 29	4 32 4	6°49'36	9♌30	17°56	20°18	10°46	12°59	0°26	27°27	17°48	14°19	29°52	29°29	17°38	8° 1	T 29
F 30	4 36 0	7♐50'18	23♌ 2	18♏27	21♎21	11♑32	13♎ 9	0♓29	27♒28	17♒49	14♋18	29♉51	29♉26	17♈45	8♈ 0	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s23	24n43	4n31	23s24	2s58	1n43	0s43	24s 6	1s 5	2s 5	1n 6	13s 4	1s40	13s 8	0s46	15s44	0s11	19n47	2s51	20n 8	20n20	2n16	5n53	2n35
F 2	14 42	21 48	5 1	23 28	2 56	1 32	0 35	24 10	1 5	2 10	1 7	13 4	1 40	13 8	0 46	15 44	0 11	19 47	2 51	20 9	20 19	2 19	5 52	2 35
S 3	15 1	17 35	5 15	23 31	2 53	1 20	0 26	24 13	1 6	2 14	1 7	13 4	1 40	13 8	0 46	15 44	0 11	19 47	2 51	20 8	20 19	2 22	5 51	2 35
S 4	15 19	12 18	5 10	23 30	2 49	1 8	0 19	24 16	1 6	2 19	1 7	13 4	1 40	13 8	0 46	15 44	0 11	19 47	2 51	20 8	20 18	2 26	5 50	2 35
M 5	15 38	6 12	4 45	23 27	2 43	0 55	0 11	24 19	1 6	2 23	1 7	13 4	1 40	13 8	0 46	15 44	0 11	19 47	2 51	20 8	20 17	2 29	5 49	2 35
T 6	15 56	0s21	4 1	23 22	2 36	0 42	0 3	24 22	1 7	2 28	1 7	13 4	1 40	13 8	0 46	15 44	0 11	19 47	2 51	20 7	20 17	2 32	5 48	2 35
W 7	16 14	6 59	3 0	23 13	2 28	0 28	0n 4	24 24	1 7	2 32	1 7	13 4	1 40	13 8	0 45	15 44	0 11	19 47	2 51	20 7	20 16	2 35	5 47	2 34
T 8	16 31	13 14	1 46	23 1	2 18	0 14	0 11	24 26	1 7	2 37	1 7	13 3	1 40	13 8	0 45	15 43	0 11	19 47	2 51	20 6	20 15	2 38	5 46	2 34
F 9	16 48	18 39	0 25	22 46	2 7	0s 1	0 18	24 28	1 7	2 41	1 7	13 3	1 40	13 8	0 45	15 43	0 11	19 47	2 51	20 6	20 15	2 41	5 45	2 34
S 10	17 5	22 50	0s56	22 27	1 54	0 16	0 25	24 30	1 8	2 46	1 7	13 3	1 39	13 8	0 45	15 43	0 11	19 47	2 51	20 6	20 14	2 44	5 44	2 34
S 11	17 22	25 29	2 11	22 4	1 39	0 31	0 31	24 31	1 8	2 50	1 8	13 2	1 39	13 8	0 45	15 43	0 11	19 48	2 51	20 7	20 14	2 48	5 43	2 34
M12	17 39	26 26	3 17	21 38	1 23	0 47	0 38	24 32	1 8	2 54	1 8	13 2	1 39	13 8	0 45	15 43	0 11	19 48	2 51	20 7	20 13	2 51	5 42	2 34
T 13	17 55	25 47	4 9	21 8	1 5	1 4	0 44	24 33	1 8	2 59	1 8	13 2	1 39	13 7	0 45	15 43	0 11	19 48	2 51	20 7	20 12	2 54	5 41	2 33
W14	18 10	23 44	4 47	20 34	0 46	1 20	0 50	24 33	1 8	3 3	1 8	13 1	1 39	13 7	0 45	15 43	0 11	19 48	2 51	20 7	20 12	2 57	5 40	2 33
T 15	18 26	20 34	5 10	19 58	0 26	1 37	0 56	24 34	1 9	3 7	1 8	13 1	1 39	13 7	0 45	15 43	0 11	19 48	2 51	20 7	20 11	3 0	5 39	2 33
F 16	18 41	16 33	5 17	19 20	0 6	1 55	1 1	24 34	1 9	3 11	1 8	13 0	1 39	13 7	0 45	15 42	0 11	19 48	2 51	20 7	20 10	3 3	5 39	2 33
S 17	18 56	11 58	5 11	18 41	0n15	2 12	1 7	24 33	1 9	3 16	1 8	13 0	1 39	13 7	0 45	15 42	0 11	19 48	2 51	20 7	20 10	3 6	5 38	2 33
S 18	19 10	6 59	4 51	18 1	0 35	2 31	1 12	24 33	1 9	3 20	1 8	12 59	1 39	13 6	0 45	15 42	0 11	19 48	2 51	20 7	20 9	3 10	5 37	2 33
M19	19 25	1 47	4 18	17 23	0 55	2 49	1 17	24 32	1 9	3 24	1 9	12 58	1 38	13 6	0 45	15 42	0 11	19 48	2 51	20 7	20 8	3 13	5 36	2 32
T 20	19 38	3n28	3 35	16 47	1 13	3 7	1 22	24 31	1 9	3 28	1 9	12 58	1 38	13 6	0 45	15 42	0 11	19 48	2 51	20 7	20 7	3 16	5 35	2 32
W21	19 52	8 38	2 43	16 15	1 30	3 26	1 27	24 30	1 10	3 32	1 9	12 57	1 38	13 6	0 45	15 41	0 11	19 48	2 51	20 7	20 7	3 19	5 35	2 32
T 22	20 5	13 32	1 42	15 46	1 44	3 46	1 31	24 28	1 10	3 36	1 9	12 56	1 38	13 5	0 45	15 41	0 11	19 48	2 51	20 7	20 6	3 22	5 34	2 32
F 23	20 18	17 57	0 37	15 22	1 57	4 5	1 36	24 26	1 10	3 40	1 9	12 55	1 38	13 5	0 45	15 41	0 11	19 49	2 51	20 7	20 5	3 25	5 33	2 32
S 24	20 30	21 41	0n31	15 4	2 8	4 25	1 40	24 24	1 10	3 44	1 9	12 54	1 38	13 5	0 45	15 41	0 11	19 49	2 51	20 7	20 5	3 28	5 32	2 32
S 25	20 42	24 29	1 38	14 50	2 16	4 44	1 44	24 22	1 10	3 48	1 10	12 54	1 38	13 4	0 45	15 40	0 11	19 49	2 51	20 7	20 4	3 31	5 32	2 31
M26	20 53	26 6	2 41	14 41	2 23	5 4	1 48	24 19	1 10	3 52	1 10	12 53	1 38	13 4	0 45	15 40	0 11	19 49	2 51	20 7	20 3	3 35	5 31	2 31
T 27	21 5	26 23	3 38	14 38	2 28	5 25	1 52	24 16	1 10	3 55	1 10	12 52	1 38	13 4	0 45	15 40	0 11	19 49	2 51	20 7	20 3	3 38	5 30	2 31
W28	21 15	25 12	4 24	14 39	2 31	5 45	1 55	24 13	1 10	3 59	1 10	12 51	1 37	13 3	0 45	15 40	0 11	19 49	2 51	20 6	20 2	3 41	5 30	2 31
T 29	21 26	22 38	4 57	14 43	2 32	6 6	1 59	24 9	1 11	4 3	1 10	12 50	1 37	13 3	0 45	15 39	0 11	19 49	2 51	20 6	20 1	3 44	5 29	2 31
F 30	21s36	18n47	5n15	14s52	2n32	6s26	2n 2	24s 5	1s11	4s 7	1n10	12s49	1s37	13s 2	0s45	15s39	0s11	19n49	2s51	20n 6	20n 1	3n47	5n28	2n30

Julian Day Number = 2513940.5, Delta T = 137.12 sec
Ecliptic obliquity = 23°25'06, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°07'39, Lahiri = 26°14'39

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2170
geocentric

DECEMBER 2170 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 39 57	8♐51'02	6♍49	19♏ 7	22♎25	12♑18	13♎19	0♓31	27♒30	17♒50	14°R17	29°D51	29♉23	17♈51	7°R59	S 1
S 2	4 43 53	9°51'48	20°51	19°53	23°29	13° 4	13°29	0°34	27°31	17°51	14♋16	29♉51	29°20	17°58	7♈58	S 2
M 3	4 47 50	10°52'35	5♎ 7	20°46	24°33	13°50	13°38	0°37	27°32	17°52	14°15	29°52	29°16	18° 5	7°57	M 3
T 4	4 51 47	11°53'24	19°35	21°44	25°38	14°36	13°48	0°40	27°34	17°54	14°14	29°53	29°13	18°11	7°56	T 4
W 5	4 55 43	12°54'14	4♏11	22°46	26°43	15°22	13°57	0°43	27°35	17°55	14°13	29°54	29°10	18°18	7°56	W 5
T 6	4 59 40	13°55'05	18°50	23°53	27°48	16° 8	14° 7	0°47	27°36	17°56	14°12	29°54	29° 7	18°25	7°55	T 6
F 7	5 3 36	14°55'58	3♐27	25° 3	28°54	16°55	14°16	0°50	27°38	17°57	14°11	29°R55	29° 4	18°31	7°54	F 7
S 8	5 7 33	15°56'52	17°54	26°16	29°59	17°41	14°25	0°53	27°40	17°58	14°10	29°54	29° 1	18°38	7°53	S 8
S 9	5 11 29	16°57'47	2♑ 5	27°31	1♏ 6	18°27	14°34	0°57	27°41	18° 0	14° 8	29°52	28°57	18°45	7°53	S 9
M10	5 15 26	17°58'43	15°57	28°49	2°12	19°14	14°43	1° 0	27°43	18° 1	14° 7	29°50	28°54	18°51	7°52	M10
T 11	5 19 22	18°59'40	29°26	0♐ 9	3°19	20° 0	14°51	1° 4	27°44	18° 2	14° 6	29°47	28°51	18°58	7°52	T 11
W12	5 23 19	20° 0'37	12♒32	1°31	4°25	20°46	15° 0	1° 8	27°46	18° 4	14° 5	29°44	28°48	19° 5	7°51	W12
T 13	5 27 16	21° 1'36	25°16	2°54	5°32	21°33	15° 8	1°12	27°48	18° 5	14° 4	29°42	28°45	19°11	7°51	T 13
F 14	5 31 12	22° 2'34	7♓39	4°18	6°40	22°19	15°17	1°16	27°50	18° 7	14° 3	29°40	28°42	19°18	7°51	F 14
S 15	5 35 9	23° 3'34	19°48	5°43	7°47	23° 6	15°25	1°20	27°52	18° 8	14° 2	29°D39	28°38	19°25	7°50	S 15
S 16	5 39 5	24° 4'34	1♈45	7° 9	8°55	23°53	15°33	1°24	27°54	18°10	14° 1	29°39	28°35	19°31	7°50	S 16
M17	5 43 2	25° 5'34	13°35	8°36	10° 3	24°39	15°41	1°28	27°56	18°11	13°59	29°40	28°32	19°38	7°50	M17
T 18	5 46 58	26° 6'35	25°25	10° 4	11°11	25°26	15°49	1°32	27°58	18°13	13°58	29°42	28°29	19°45	7°50	T 18
W19	5 50 55	27° 7'36	7♉18	11°32	12°19	26°13	15°57	1°37	28° 0	18°14	13°57	29°44	28°26	19°51	7°D50	W19
T 20	5 54 51	28° 8'38	19°19	13° 1	13°27	26°59	16° 4	1°41	28° 2	18°16	13°56	29°45	28°22	19°58	7°50	T 20
F 21	5 58 48	29° 9'41	1♊30	14°30	14°36	27°46	16°12	1°46	28° 4	18°18	13°55	29°R46	28°19	20° 5	7°50	F 21
S 22	6 2 45	0♑10'44	13°56	16° 0	15°45	28°33	16°19	1°50	28° 6	18°19	13°54	29°45	28°16	20°11	7°50	S 22
S 23	6 6 41	1°11'47	26°38	17°30	16°54	29°20	16°26	1°55	28° 8	18°21	13°52	29°42	28°13	20°18	7°50	S 23
M24	6 10 38	2°12'51	9♋35	19° 0	18° 3	0♒ 6	16°33	2° 0	28°11	18°23	13°51	29°38	28°10	20°25	7°51	M24
T 25	6 14 34	3°13'56	22°47	20°31	19°12	0°53	16°40	2° 5	28°13	18°24	13°50	29°33	28° 7	20°32	7°51	T 25
W26	6 18 31	4°15'01	6♌14	22° 2	20°21	1°40	16°47	2°10	28°15	18°26	13°49	29°27	28° 3	20°38	7°51	W26
T 27	6 22 27	5°16'07	19°53	23°33	21°31	2°27	16°53	2°14	28°18	18°28	13°48	29°21	28° 0	20°45	7°52	T 27
F 28	6 26 24	6°17'13	3♍42	25° 5	22°41	3°14	17° 0	2°20	28°20	18°30	13°46	29°16	27°57	20°52	7°52	F 28
S 29	6 30 21	7°18'20	17°39	26°37	23°51	4° 1	17° 6	2°25	28°22	18°31	13°45	29°13	27°54	20°58	7°53	S 29
S 30	6 34 17	8°19'27	1♎41	28° 9	25° 1	4°48	17°12	2°30	28°25	18°33	13°44	29°11	27°51	21° 5	7°53	S 30
M31	6 38 14	9♑20'35	15♎48	29♐41	26♏11	5♒35	17♎18	2♓35	28♒27	18♒35	13♋43	29°D11	27♉48	21♈12	7♈54	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s45	13n52	5n15	15s 4	2n31	6s47	2n 5	24s 1	1s11	4s10	1n11	12s48	1s37	13s 2	0s45	15s39	0s11	19n49	2s51	20n 6	20n 0	3n50	5n28	2n30
S 2	21 55	8 10	4 56	15 18	2 29	7 8	2 8	23 57	1 11	4 14	1 11	12 46	1 37	13 1	0 45	15 38	0 11	19 50	2 51	20 6	19 59	3 53	5 27	2 30
M 3	22 3	1 56	4 19	15 35	2 26	7 29	2 11	23 53	1 11	4 17	1 11	12 45	1 37	13 1	0 45	15 38	0 11	19 50	2 51	20 6	19 59	3 57	5 27	2 30
T 4	22 12	4s29	3 25	15 54	2 22	7 50	2 13	23 48	1 11	4 21	1 11	12 44	1 37	13 0	0 44	15 38	0 11	19 50	2 51	20 6	19 58	4 0	5 26	2 30
W 5	22 20	10 45	2 18	16 14	2 17	8 11	2 16	23 43	1 11	4 24	1 11	12 43	1 37	13 0	0 44	15 37	0 11	19 50	2 51	20 7	19 57	4 3	5 26	2 29
T 6	22 27	16 26	1 1	16 35	2 12	8 32	2 18	23 37	1 11	4 28	1 11	12 42	1 37	12 59	0 44	15 37	0 11	19 50	2 51	20 7	19 57	4 6	5 25	2 29
F 7	22 34	21 9	0s20	16 58	2 6	8 53	2 20	23 32	1 11	4 31	1 12	12 40	1 37	12 59	0 44	15 36	0 11	19 50	2 51	20 7	19 56	4 9	5 25	2 29
S 8	22 41	24 30	1 38	17 21	2 0	9 14	2 22	23 26	1 11	4 34	1 12	12 39	1 36	12 58	0 44	15 36	0 11	19 50	2 51	20 7	19 55	4 12	5 24	2 29
S 9	22 47	26 13	2 49	17 44	1 54	9 36	2 24	23 19	1 11	4 38	1 12	12 38	1 36	12 58	0 44	15 36	0 11	19 50	2 51	20 6	19 55	4 15	5 24	2 29
M10	22 53	26 14	3 48	18 8	1 47	9 57	2 26	23 13	1 11	4 41	1 12	12 36	1 36	12 57	0 44	15 35	0 11	19 51	2 51	20 6	19 54	4 19	5 24	2 28
T 11	22 58	24 41	4 32	18 32	1 40	10 18	2 27	23 6	1 11	4 44	1 12	12 35	1 36	12 56	0 44	15 35	0 11	19 51	2 51	20 5	19 53	4 22	5 23	2 28
W12	23 3	21 50	5 1	18 56	1 33	10 39	2 29	22 59	1 11	4 47	1 13	12 34	1 36	12 56	0 44	15 34	0 11	19 51	2 51	20 5	19 52	4 25	5 23	2 28
T 13	23 7	18 1	5 14	19 19	1 26	11 0	2 30	22 52	1 11	4 50	1 13	12 32	1 36	12 55	0 44	15 34	0 11	19 51	2 51	20 4	19 52	4 28	5 22	2 28
F 14	23 11	13 31	5 12	19 42	1 18	11 21	2 31	22 44	1 11	4 53	1 13	12 31	1 36	12 54	0 44	15 34	0 11	19 51	2 50	20 4	19 51	4 31	5 22	2 28
S 15	23 14	8 34	4 56	20 5	1 11	11 42	2 32	22 37	1 11	4 56	1 13	12 29	1 36	12 54	0 44	15 33	0 11	19 51	2 50	20 3	19 50	4 34	5 22	2 27
S 16	23 17	3 24	4 27	20 27	1 3	12 2	2 33	22 29	1 11	4 59	1 13	12 28	1 36	12 53	0 44	15 33	0 11	19 51	2 50	20 4	19 50	4 37	5 22	2 27
M17	23 20	1n52	3 47	20 48	0 56	12 23	2 34	22 20	1 11	5 2	1 14	12 26	1 36	12 52	0 44	15 32	0 11	19 52	2 50	20 4	19 49	4 41	5 21	2 27
T 18	23 22	7 4	2 58	21 9	0 48	12 43	2 34	22 12	1 11	5 5	1 14	12 24	1 36	12 52	0 44	15 32	0 11	19 52	2 50	20 4	19 48	4 44	5 21	2 27
W19	23 23	12 2	2 0	21 29	0 41	13 4	2 35	22 3	1 11	5 8	1 14	12 23	1 35	12 51	0 44	15 31	0 11	19 52	2 50	20 5	19 48	4 47	5 21	2 27
T 20	23 24	16 37	0 57	21 48	0 33	13 24	2 35	21 54	1 11	5 10	1 14	12 21	1 35	12 50	0 44	15 31	0 11	19 52	2 50	20 5	19 47	4 50	5 21	2 26
F 21	23 25	20 36	0n10	22 6	0 25	13 44	2 35	21 45	1 11	5 13	1 14	12 19	1 35	12 49	0 44	15 30	0 11	19 52	2 50	20 5	19 46	4 53	5 21	2 26
S 22	23 25	23 44	1 17	22 23	0 18	14 3	2 35	21 35	1 11	5 16	1 15	12 18	1 35	12 49	0 44	15 30	0 11	19 52	2 50	20 5	19 45	4 56	5 20	2 26
S 23	23 25	25 44	2 22	22 39	0 11	14 23	2 35	21 26	1 11	5 18	1 15	12 16	1 35	12 48	0 44	15 29	0 11	19 53	2 50	20 4	19 45	4 59	5 20	2 26
M24	23 24	26 24	3 20	22 54	0 3	14 42	2 35	21 16	1 11	5 21	1 15	12 14	1 35	12 47	0 44	15 29	0 11	19 53	2 50	20 3	19 44	5 3	5 20	2 26
T 25	23 23	25 36	4 10	23 9	0s 4	15 1	2 35	21 5	1 11	5 23	1 15	12 12	1 35	12 46	0 44	15 28	0 11	19 53	2 50	20 2	19 43	5 6	5 20	2 25
W26	23 21	23 19	4 46	23 22	0 11	15 20	2 35	20 55	1 10	5 26	1 15	12 10	1 35	12 45	0 44	15 28	0 11	19 53	2 50	20 1	19 43	5 9	5 20	2 25
T 27	23 19	19 41	5 7	23 34	0 18	15 39	2 34	20 44	1 10	5 28	1 16	12 9	1 35	12 45	0 44	15 27	0 11	19 53	2 50	20 0	19 42	5 12	5 20	2 25
F 28	23 16	14 57	5 10	23 44	0 25	15 57	2 34	20 33	1 10	5 30	1 16	12 7	1 35	12 44	0 44	15 27	0 11	19 53	2 50	19 59	19 41	5 15	5 20	2 25
S 29	23 13	9 24	4 55	23 54	0 31	16 15	2 33	20 22	1 10	5 32	1 16	12 5	1 35	12 43	0 44	15 26	0 11	19 54	2 50	19 58	19 40	5 18	5 20	2 24
S 30	23 9	3 21	4 22	24 2	0 38	16 32	2 32	20 11	1 10	5 34	1 16	12 3	1 35	12 42	0 44	15 26	0 11	19 54	2 50	19 57	19 40	5 21	5 20	2 24
M31	23s 5	2s55	3n34	24s 9	0s44	16s50	2n31	19s59	1s10	5s37	1n17	12s 1	1s35	12s41	0s44	15s25	0s11	19n54	2s50	19n57	19n39	5n25	5n20	2n24

Julian Day Number = 2513970.5, Delta T = 137.19 sec
Ecliptic obliquity = 23°25'06, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°07'43, Lahiri = 26°14'44

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2171
geocentric

JANUARY 2171 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 42 10	10♑21'43	29♎58	1♑14	27♏21	6♒22	17♎24	2♓40	28♒30	18♒37	13°R41	29♉12	27♉44	21♈18	7♈55	T 1
W 2	6 46 7	11°22'53	14♏ 9	2°47	28°32	7° 9	17°30	2°46	28°33	18°39	13♋40	29°13	27°41	21°25	7°55	W 2
T 3	6 50 3	12°24'02	28°20	4°21	29°42	7°57	17°35	2°51	28°35	18°41	13°39	29°R14	27°38	21°32	7°56	T 3
F 4	6 54 0	13°25'12	12♐28	5°54	0♐53	8°44	17°41	2°57	28°38	18°43	13°38	29°13	27°35	21°38	7°57	F 4
S 5	6 57 56	14°26'22	26°29	7°28	2° 4	9°31	17°46	3° 2	28°40	18°45	13°36	29°11	27°32	21°45	7°58	S 5
S 6	7 1 53	15°27'33	10♑20	9° 3	3°14	10°18	17°51	3° 8	28°43	18°47	13°35	29° 5	27°29	21°52	7°59	S 6
M 7	7 5 50	16°28'43	23°57	10°37	4°25	11° 5	17°56	3°14	28°46	18°49	13°34	28°58	27°25	21°58	8° 0	M 7
T 8	7 9 46	17°29'54	7♒18	12°12	5°36	11°53	18° 1	3°20	28°49	18°51	13°33	28°49	27°22	22° 5	8° 1	T 8
W 9	7 13 43	18°31'04	20°19	13°48	6°48	12°40	18° 5	3°25	28°52	18°53	13°31	28°40	27°19	22°12	8° 2	W 9
T 10	7 17 39	19°32'14	3♓ 2	15°23	7°59	13°27	18°10	3°31	28°54	18°55	13°30	28°31	27°16	22°18	8° 4	T 10
F 11	7 21 36	20°33'23	15°26	17° 0	9°10	14°15	18°14	3°37	28°57	18°57	13°29	28°24	27°13	22°25	8° 5	F 11
S 12	7 25 32	21°34'32	27°35	18°36	10°22	15° 2	18°18	3°43	29° 0	18°59	13°28	28°18	27° 9	22°32	8° 6	S 12
S 13	7 29 29	22°35'41	9♈33	20°13	11°33	15°49	18°22	3°49	29° 3	19° 1	13°26	28°15	27° 6	22°38	8° 7	S 13
M14	7 33 25	23°36'49	21°23	21°51	12°45	16°37	18°25	3°56	29° 6	19° 3	13°25	28°D14	27° 3	22°45	8° 9	M14
T 15	7 37 22	24°37'56	3♉12	23°29	13°56	17°24	18°29	4° 2	29° 9	19° 5	13°24	28°14	27° 0	22°52	8°10	T 15
W16	7 41 19	25°39'03	15° 5	25° 7	15° 8	18°11	18°32	4° 8	29°12	19° 7	13°23	28°15	26°57	22°58	8°12	W16
T 17	7 45 15	26°40'10	27° 6	26°46	16°20	18°59	18°35	4°14	29°15	19° 9	13°22	28°R16	26°54	23° 5	8°13	T 17
F 18	7 49 12	27°41'15	9♊22	28°25	17°32	19°46	18°38	4°21	29°18	19°11	13°20	28°15	26°50	23°12	8°15	F 18
S 19	7 53 8	28°42'21	21°55	0♒ 5	18°44	20°33	18°41	4°27	29°21	19°14	13°19	28°12	26°47	23°18	8°17	S 19
S 20	7 57 5	29°43'25	4♋49	1°45	19°56	21°21	18°44	4°33	29°24	19°16	13°18	28° 7	26°44	23°25	8°18	S 20
M21	8 1 1	0♒44'29	18° 5	3°26	21° 8	22° 8	18°46	4°40	29°27	19°18	13°17	27°59	26°41	23°32	8°20	M21
T 22	8 4 58	1°45'32	1♌41	5° 7	22°20	22°56	18°49	4°46	29°31	19°20	13°16	27°49	26°38	23°38	8°22	T 22
W23	8 8 54	2°46'35	15°36	6°49	23°32	23°43	18°51	4°53	29°34	19°22	13°15	27°38	26°35	23°45	8°24	W23
T 24	8 12 51	3°47'37	29°44	8°32	24°45	24°30	18°53	4°59	29°37	19°25	13°13	27°27	26°31	23°52	8°26	T 24
F 25	8 16 48	4°48'38	14♍ 0	10°14	25°57	25°18	18°54	5° 6	29°40	19°27	13°12	27°17	26°28	23°58	8°28	F 25
S 26	8 20 44	5°49'39	28°19	11°57	27°10	26° 5	18°56	5°13	29°43	19°29	13°11	27°10	26°25	24° 5	8°30	S 26
S 27	8 24 41	6°50'40	12♎36	13°41	28°22	26°53	18°57	5°19	29°47	19°31	13°10	27° 5	26°22	24°12	8°32	S 27
M28	8 28 37	7°51'40	26°49	15°25	29°35	27°40	18°58	5°26	29°50	19°33	13° 9	27° 3	26°19	24°18	8°34	M28
T 29	8 32 34	8°52'39	10♏55	17° 9	0♑47	28°28	18°59	5°33	29°53	19°36	13° 8	27°D 2	26°15	24°25	8°36	T 29
W30	8 36 30	9°53'39	24°53	18°54	2° 0	29°15	19° 0	5°40	29°56	19°38	13° 7	27°R 2	26°12	24°32	8°38	W30
T 31	8 40 27	10♒54'37	8♐43	20♒38	3♑13	0♓ 3	19♎ 1	5♓47	29♒59	19♒40	13♋ 6	27♉ 2	26♉ 9	24♈38	8♈40	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s 1	9s 4	2n32	24s15	0s51	17s 7	2n30	19s47	1s10	5s39	1n17	11s59	1s34	12s40	0s44	15s24	0s11	19n54	2s50	19n58	19n38	5n28	5n20	2n24
W 2	22 56	14 47	1 21	24 20	0 57	17 23	2 29	19 35	1 10	5 41	1 17	11 57	1 34	12 39	0 44	15 24	0 11	19 54	2 50	19 58	19 38	5 31	5 20	2 24
T 3	22 50	19 41	0 5	24 23	1 3	17 40	2 28	19 23	1 9	5 42	1 17	11 55	1 34	12 38	0 44	15 23	0 11	19 54	2 50	19 58	19 37	5 34	5 21	2 23
F 4	22 45	23 27	1s11	24 25	1 8	17 56	2 26	19 11	1 9	5 44	1 18	11 53	1 34	12 37	0 44	15 23	0 11	19 55	2 50	19 58	19 36	5 37	5 21	2 23
S 5	22 38	25 44	2 22	24 26	1 14	18 11	2 25	18 58	1 9	5 46	1 18	11 51	1 34	12 36	0 44	15 22	0 11	19 55	2 49	19 57	19 35	5 40	5 21	2 23
S 6	22 31	26 24	3 23	24 25	1 19	18 26	2 24	18 45	1 9	5 48	1 18	11 49	1 34	12 35	0 44	15 21	0 11	19 55	2 49	19 56	19 35	5 43	5 21	2 23
M 7	22 24	25 26	4 12	24 23	1 24	18 41	2 22	18 32	1 9	5 49	1 18	11 46	1 34	12 34	0 44	15 21	0 11	19 55	2 49	19 55	19 34	5 47	5 21	2 23
T 8	22 16	23 2	4 46	24 20	1 29	18 55	2 20	18 19	1 8	5 51	1 19	11 44	1 34	12 33	0 43	15 20	0 11	19 55	2 49	19 53	19 33	5 50	5 22	2 22
W 9	22 8	19 30	5 3	24 15	1 33	19 9	2 18	18 5	1 8	5 52	1 19	11 42	1 34	12 32	0 43	15 20	0 11	19 56	2 49	19 51	19 33	5 53	5 22	2 22
T 10	22 0	15 8	5 6	24 9	1 38	19 22	2 17	17 51	1 8	5 54	1 19	11 40	1 34	12 31	0 43	15 19	0 11	19 56	2 49	19 49	19 32	5 56	5 22	2 22
F 11	21 51	10 15	4 53	24 1	1 42	19 35	2 15	17 37	1 8	5 55	1 19	11 38	1 34	12 30	0 43	15 18	0 11	19 56	2 49	19 47	19 31	5 59	5 23	2 22
S 12	21 41	5 3	4 28	23 52	1 45	19 48	2 13	17 23	1 8	5 57	1 20	11 36	1 34	12 29	0 43	15 18	0 11	19 56	2 49	19 46	19 30	6 2	5 23	2 22
S 13	21 32	0n14	3 51	23 42	1 49	20 0	2 11	17 9	1 7	5 58	1 20	11 33	1 34	12 28	0 43	15 17	0 11	19 56	2 49	19 45	19 30	6 5	5 23	2 22
M14	21 21	5 29	3 5	23 30	1 52	20 11	2 8	16 55	1 7	5 59	1 20	11 31	1 34	12 27	0 43	15 16	0 11	19 56	2 49	19 45	19 29	6 9	5 24	2 21
T 15	21 11	10 32	2 10	23 16	1 55	20 22	2 6	16 40	1 7	6 0	1 20	11 29	1 34	12 26	0 43	15 16	0 11	19 57	2 49	19 45	19 28	6 12	5 24	2 21
W16	21 0	15 14	1 10	23 1	1 58	20 32	2 4	16 25	1 7	6 1	1 21	11 26	1 34	12 25	0 43	15 15	0 11	19 57	2 49	19 45	19 27	6 15	5 24	2 21
T 17	20 48	19 24	0 6	22 45	2 0	20 42	2 2	16 10	1 6	6 2	1 21	11 24	1 34	12 24	0 43	15 14	0 11	19 57	2 49	19 45	19 27	6 18	5 25	2 21
F 18	20 36	22 49	0n59	22 27	2 2	20 51	1 59	15 55	1 6	6 3	1 21	11 22	1 34	12 23	0 43	15 14	0 11	19 57	2 49	19 45	19 26	6 21	5 25	2 21
S 19	20 24	25 13	2 3	22 8	2 3	21 0	1 57	15 40	1 6	6 4	1 21	11 19	1 34	12 22	0 43	15 13	0 11	19 57	2 49	19 45	19 25	6 24	5 26	2 20
S 20	20 11	26 22	3 2	21 47	2 5	21 8	1 54	15 25	1 6	6 4	1 22	11 17	1 34	12 21	0 43	15 12	0 11	19 58	2 48	19 43	19 25	6 27	5 26	2 20
M21	19 58	26 3	3 53	21 24	2 5	21 16	1 52	15 9	1 5	6 5	1 22	11 15	1 34	12 20	0 43	15 12	0 11	19 58	2 48	19 42	19 24	6 30	5 27	2 20
T 22	19 45	24 11	4 32	21 0	2 6	21 23	1 49	14 53	1 5	6 6	1 22	11 12	1 34	12 19	0 43	15 11	0 11	19 58	2 48	19 39	19 23	6 34	5 27	2 20
W23	19 31	20 51	4 56	20 35	2 6	21 30	1 46	14 37	1 5	6 6	1 22	11 10	1 33	12 17	0 43	15 10	0 11	19 58	2 48	19 37	19 22	6 37	5 28	2 20
T 24	19 17	16 16	5 2	20 8	2 5	21 36	1 43	14 21	1 4	6 7	1 23	11 7	1 33	12 16	0 43	15 10	0 11	19 58	2 48	19 34	19 22	6 40	5 28	2 19
F 25	19 3	10 45	4 50	19 39	2 4	21 41	1 41	14 5	1 4	6 7	1 23	11 5	1 33	12 15	0 43	15 9	0 11	19 59	2 48	19 32	19 21	6 43	5 29	2 19
S 26	18 48	4 38	4 19	19 9	2 3	21 46	1 38	13 49	1 4	6 8	1 23	11 2	1 33	12 14	0 43	15 8	0 11	19 59	2 48	19 30	19 20	6 46	5 30	2 19
S 27	18 33	1s43	3 33	18 38	2 1	21 50	1 35	13 32	1 4	6 8	1 23	11 0	1 33	12 13	0 43	15 8	0 11	19 59	2 48	19 29	19 19	6 49	5 30	2 19
M28	18 17	7 57	2 33	18 5	1 59	21 53	1 32	13 16	1 3	6 8	1 24	10 57	1 33	12 12	0 43	15 7	0 11	19 59	2 48	19 29	19 19	6 52	5 31	2 19
T 29	18 1	13 45	1 25	17 31	1 56	21 56	1 29	12 59	1 3	6 8	1 24	10 55	1 33	12 11	0 43	15 6	0 11	19 59	2 48	19 29	19 18	6 55	5 32	2 19
W30	17 45	18 47	0 11	16 55	1 52	21 58	1 26	12 42	1 3	6 8	1 24	10 52	1 33	12 9	0 43	15 6	0 11	20 0	2 48	19 29	19 17	6 59	5 32	2 18
T 31	17s29	22s45	1s 2	16s18	1s48	22s 0	1n23	12s25	1s 2	6s 8	1n24	10s50	1s33	12s 8	0s43	15s 5	0s11	20n 0	2s48	19n29	19n16	7n 2	5n33	2n18

Julian Day Number = 2514001.5, Delta T = 137.26 sec
Ecliptic obliquity = 23°25'06, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°07'47, Lahiri = 26°14'48

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2171
geocentric

FEBRUARY 2171 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 44 23	11♒55'35	22♐26	22♒23	4♉25	0♓50	19♎ 1	5♓54	0♓ 3	19♒42	13°R 4	27°R 0	26♉ 6	24♈45	8♈43	F 1
S 2	8 48 20	12°56'32	6♉ 1	24° 7	5°38	1°37	19° 1	6° 0	0° 6	19°45	13♋ 3	26♉54	26° 3	24°52	8°45	S 2
S 3	8 52 17	13°57'29	19°26	25°51	6°51	2°25	19°R 1	6° 7	0°10	19°47	13° 2	26°46	26° 0	24°58	8°47	S 3
M 4	8 56 13	14°58'25	2♒40	27°34	8° 4	3°12	19° 1	6°14	0°13	19°49	13° 1	26°35	25°56	25° 5	8°50	M 4
T 5	9 0 10	15°59'19	15°42	29°17	9°17	4° 0	19° 1	6°21	0°17	19°52	13° 0	26°22	25°53	25°12	8°52	T 5
W 6	9 4 6	17° 0'13	28°29	0♓59	10°30	4°47	19° 0	6°28	0°20	19°54	12°59	26° 8	25°50	25°18	8°54	W 6
T 7	9 8 3	18° 1'05	11♓ 3	2°39	11°43	5°35	18°59	6°35	0°23	19°56	12°58	25°55	25°47	25°25	8°57	T 7
F 8	9 11 59	19° 1'56	23°22	4°17	12°56	6°22	18°58	6°43	0°27	19°58	12°57	25°43	25°44	25°32	9° 0	F 8
S 9	9 15 56	20° 2'46	5♈28	5°53	14° 9	7° 9	18°57	6°50	0°30	20° 1	12°56	25°33	25°40	25°38	9° 2	S 9
S 10	9 19 52	21° 3'34	17°23	7°27	15°22	7°57	18°56	6°57	0°34	20° 3	12°55	25°26	25°37	25°45	9° 5	S 10
M11	9 23 49	22° 4'21	29°13	8°57	16°35	8°44	18°54	7° 4	0°37	20° 5	12°54	25°22	25°34	25°52	9° 7	M11
T 12	9 27 46	23° 5'06	11♉ 0	10°23	17°48	9°31	18°53	7°11	0°40	20° 8	12°54	25°21	25°31	25°58	9°10	T 12
W13	9 31 42	24° 5'50	22°51	11°45	19° 1	10°19	18°51	7°18	0°44	20°10	12°53	25°20	25°28	26° 5	9°13	W13
T 14	9 35 39	25° 6'33	4♊51	13° 1	20°15	11° 6	18°49	7°25	0°47	20°12	12°52	25°20	25°25	26°12	9°16	T 14
F 15	9 39 35	26° 7'14	17° 5	14°12	21°28	11°53	18°46	7°33	0°51	20°14	12°51	25°19	25°21	26°18	9°18	F 15
S 16	9 43 32	27° 7'53	29°39	15°16	22°41	12°41	18°44	7°40	0°54	20°17	12°50	25°16	25°18	26°25	9°21	S 16
S 17	9 47 28	28° 8'30	12♋37	16°13	23°54	13°28	18°41	7°47	0°58	20°19	12°49	25°11	25°15	26°32	9°24	S 17
M18	9 51 25	29° 9'06	26° 1	17° 1	25° 8	14°15	18°38	7°54	1° 1	20°21	12°48	25° 2	25°12	26°38	9°27	M18
T 19	9 55 21	0♓ 9'41	9♌52	17°41	26°21	15° 3	18°35	8° 2	1° 5	20°23	12°48	24°51	25° 9	26°45	9°30	T 19
W20	9 59 18	1°10'13	24° 6	18°11	27°34	15°50	18°32	8° 9	1° 8	20°26	12°47	24°39	25° 6	26°52	9°33	W20
T 21	10 3 15	2°10'44	8♍38	18°32	28°48	16°37	18°29	8°16	1°12	20°28	12°46	24°27	25° 2	26°58	9°36	T 21
F 22	10 7 11	3°11'14	23°22	18°43	0♒ 1	17°24	18°25	8°24	1°15	20°30	12°45	24°16	24°59	27° 5	9°39	F 22
S 23	10 11 8	4°11'42	8♎ 9	18°R43	1°14	18°11	18°22	8°31	1°18	20°32	12°45	24° 8	24°56	27°12	9°42	S 23
S 24	10 15 4	5°12'09	22°50	18°33	2°28	18°58	18°18	8°38	1°22	20°35	12°44	24° 2	24°53	27°18	9°45	S 24
M25	10 19 1	6°12'34	7♏21	18°14	3°41	19°46	18°14	8°45	1°25	20°37	12°43	23°59	24°50	27°25	9°48	M25
T 26	10 22 57	7°12'58	21°38	17°44	4°55	20°33	18° 9	8°53	1°29	20°39	12°43	23°D58	24°46	27°32	9°51	T 26
W27	10 26 54	8°13'21	5♐39	17° 7	6° 8	21°20	18° 5	9° 0	1°32	20°41	12°42	23°R58	24°43	27°38	9°55	W27
T 28	10 30 50	9♓13'43	19♐23	16♓21	7♒22	22♓ 7	18♎ 0	9♓ 7	1♓36	20♒43	12♋41	23♉58	24♉40	27♈45	9♈58	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17s12	25s22	2s10	15s40	1s43	22s 1	1n20	12s 8	1s 2	6s 8	1n25	10s47	1s33	12s 7	0s43	15s 4	0s11	20n 0	2s47	19n28	19n16	7n 5	5n34	2n18
S 2	16 55	26 27	3 11	15 0	1 37	22 1	1 17	11 51	1 1	6 8	1 25	10 45	1 33	12 6	0 43	15 4	0 11	20 0	2 47	19 27	19 15	7 8	5 35	2 18
S 3	16 37	25 58	4 0	14 19	1 31	22 1	1 14	11 33	1 1	6 8	1 25	10 42	1 33	12 5	0 43	15 3	0 11	20 0	2 47	19 25	19 14	7 11	5 35	2 18
M 4	16 20	24 0	4 35	13 38	1 25	22 0	1 10	11 16	1 1	6 7	1 25	10 40	1 33	12 3	0 43	15 2	0 11	20 1	2 47	19 23	19 13	7 14	5 36	2 18
T 5	16 2	20 48	4 55	12 55	1 17	21 58	1 7	10 58	1 0	6 7	1 26	10 37	1 33	12 2	0 43	15 1	0 11	20 1	2 47	19 19	19 13	7 17	5 37	2 17
W 6	15 44	16 40	5 0	12 11	1 9	21 56	1 4	10 41	1 0	6 7	1 26	10 34	1 33	12 1	0 43	15 1	0 11	20 1	2 47	19 16	19 12	7 20	5 38	2 17
T 7	15 25	11 53	4 50	11 27	1 0	21 53	1 1	10 23	1 0	6 6	1 26	10 32	1 33	12 0	0 43	15 0	0 11	20 1	2 47	19 13	19 11	7 24	5 39	2 17
F 8	15 6	6 43	4 26	10 42	0 50	21 50	0 58	10 5	0 59	6 5	1 26	10 29	1 33	11 59	0 43	14 59	0 11	20 1	2 47	19 10	19 10	7 27	5 39	2 17
S 9	14 47	1 22	3 51	9 57	0 39	21 46	0 55	9 47	0 59	6 5	1 27	10 27	1 33	11 57	0 43	14 59	0 11	20 1	2 47	19 8	19 10	7 30	5 40	2 17
S 10	14 28	3n57	3 6	9 12	0 28	21 41	0 51	9 29	0 58	6 4	1 27	10 24	1 33	11 56	0 43	14 58	0 11	20 2	2 47	19 6	19 9	7 33	5 41	2 17
M11	14 8	9 6	2 14	8 27	0 16	21 36	0 48	9 11	0 58	6 3	1 27	10 21	1 33	11 55	0 43	14 57	0 11	20 2	2 46	19 5	19 8	7 36	5 42	2 16
T 12	13 49	13 55	1 15	7 43	0 3	21 30	0 45	8 53	0 58	6 2	1 27	10 19	1 33	11 54	0 43	14 56	0 11	20 2	2 46	19 5	19 7	7 39	5 43	2 16
W13	13 29	18 15	0 13	7 0	0n10	21 23	0 42	8 35	0 57	6 1	1 28	10 16	1 33	11 53	0 43	14 56	0 11	20 2	2 46	19 5	19 7	7 42	5 44	2 16
T 14	13 8	21 54	0n50	6 17	0 24	21 16	0 38	8 16	0 57	6 0	1 28	10 13	1 33	11 51	0 43	14 55	0 11	20 2	2 46	19 5	19 6	7 45	5 45	2 16
F 15	12 48	24 39	1 52	5 37	0 39	21 8	0 35	7 58	0 56	5 59	1 28	10 11	1 33	11 50	0 43	14 54	0 11	20 3	2 46	19 5	19 5	7 49	5 46	2 16
S 16	12 27	26 16	2 51	4 58	0 54	20 59	0 32	7 39	0 56	5 58	1 28	10 8	1 34	11 49	0 43	14 54	0 11	20 3	2 46	19 4	19 4	7 52	5 47	2 16
S 17	12 7	26 30	3 42	4 22	1 10	20 50	0 29	7 21	0 55	5 57	1 29	10 5	1 34	11 48	0 43	14 53	0 11	20 3	2 46	19 3	19 4	7 55	5 48	2 15
M18	11 46	25 14	4 23	3 49	1 25	20 40	0 25	7 2	0 55	5 56	1 29	10 3	1 34	11 46	0 43	14 52	0 11	20 3	2 46	19 1	19 3	7 58	5 49	2 15
T 19	11 24	22 25	4 50	3 19	1 41	20 30	0 22	6 44	0 55	5 54	1 29	10 0	1 34	11 45	0 43	14 52	0 11	20 3	2 46	18 58	19 2	8 1	5 50	2 15
W20	11 3	18 12	5 0	2 52	1 57	20 19	0 19	6 25	0 54	5 53	1 29	9 57	1 34	11 44	0 43	14 51	0 11	20 4	2 46	18 55	19 1	8 4	5 51	2 15
T 21	10 41	12 49	4 51	2 30	2 12	20 8	0 16	6 6	0 54	5 51	1 30	9 55	1 34	11 43	0 43	14 50	0 11	20 4	2 45	18 52	19 1	8 7	5 52	2 15
F 22	10 20	6 39	4 23	2 12	2 27	19 55	0 13	5 47	0 53	5 50	1 30	9 52	1 34	11 41	0 43	14 49	0 11	20 4	2 45	18 49	19 0	8 10	5 53	2 15
S 23	9 58	0 6	3 37	1 59	2 42	19 43	0 9	5 28	0 53	5 48	1 30	9 49	1 34	11 40	0 43	14 49	0 11	20 4	2 45	18 47	18 59	8 13	5 54	2 15
S 24	9 36	6s27	2 37	1 50	2 55	19 29	0 6	5 10	0 52	5 46	1 30	9 46	1 34	11 39	0 43	14 48	0 11	20 4	2 45	18 46	18 58	8 17	5 55	2 14
M25	9 14	12 35	1 27	1 47	3 7	19 16	0 3	4 51	0 52	5 45	1 31	9 44	1 34	11 38	0 43	14 47	0 11	20 4	2 45	18 45	18 58	8 20	5 56	2 14
T 26	8 51	17 57	0 12	1 49	3 18	19 1	0 0	4 32	0 51	5 43	1 31	9 41	1 34	11 37	0 43	14 47	0 11	20 5	2 45	18 45	18 57	8 23	5 57	2 14
W27	8 29	22 14	1s 1	1 55	3 26	18 46	0s 3	4 13	0 51	5 41	1 31	9 38	1 34	11 35	0 43	14 46	0 11	20 5	2 45	18 45	18 56	8 26	5 59	2 14
T 28	8s 6	25s10	2s10	2s 6	3n34	18s31	0s 6	3s54	0s50	5s39	1n31	9s36	1s34	11s34	0s43	14s45	0s11	20n 5	2s45	18n45	18n55	8n29	6n 0	2n14

Julian Day Number = 2514032.5, Delta T = 137.32 sec
Ecliptic obliquity = 23°25'06, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°07'52, Lahiri = 26°14'52

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2171
geocentric

MARCH 2171 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 34 47	10♓14'03	2♉53	15°R29	8♒35	22♓54	17°R56	9♓15	1♓39	20♒46	12°R41	23°R56	24♉37	27♈52	10♈ 1	F 1
S 2	10 38 44	11°14'22	16° 9	14♓32	9°49	23°41	17♎51	9°22	1°43	20°48	12♋40	23♉52	24°34	27°58	10° 4	S 2
S 3	10 42 40	12°14'39	29°13	13°31	11° 3	24°28	17°46	9°29	1°46	20°50	12°40	23°44	24°31	28° 5	10° 7	S 3
M 4	10 46 37	13°14'55	12♒ 5	12°28	12°16	25°15	17°41	9°37	1°49	20°52	12°39	23°34	24°27	28°12	10°11	M 4
T 5	10 50 33	14°15'09	24°46	11°25	13°30	26° 2	17°35	9°44	1°53	20°54	12°39	23°22	24°24	28°18	10°14	T 5
W 6	10 54 30	15°15'21	7♓16	10°22	14°43	26°49	17°30	9°51	1°56	20°56	12°38	23° 9	24°21	28°25	10°17	W 6
T 7	10 58 26	16°15'31	19°35	9°22	15°57	27°36	17°24	9°59	2° 0	20°58	12°38	22°57	24°18	28°32	10°21	T 7
F 8	11 2 23	17°15'40	1♈44	8°25	17°11	28°23	17°19	10° 6	2° 3	21° 1	12°37	22°46	24°15	28°38	10°24	F 8
S 9	11 6 19	18°15'47	13°43	7°33	18°24	29° 9	17°13	10°13	2° 6	21° 3	12°37	22°37	24°12	28°45	10°27	S 9
S 10	11 10 16	19°15'52	25°35	6°46	19°38	29°56	17° 7	10°20	2°10	21° 5	12°36	22°30	24° 8	28°51	10°31	S 10
M11	11 14 13	20°15'54	7♉23	6° 5	20°52	0♈43	17° 1	10°28	2°13	21° 7	12°36	22°27	24° 5	28°58	10°34	M11
T 12	11 18 9	21°15'55	19° 9	5°31	22° 5	1°30	16°54	10°35	2°16	21° 9	12°36	22°D25	24° 2	29° 5	10°38	T 12
W13	11 22 6	22°15'54	0♊59	5° 3	23°19	2°16	16°48	10°42	2°20	21°11	12°35	22°25	23°59	29°11	10°41	W13
T 14	11 26 2	23°15'51	12°57	4°41	24°33	3° 3	16°41	10°49	2°23	21°13	12°35	22°26	23°56	29°18	10°45	T 14
F 15	11 29 59	24°15'45	25° 9	4°27	25°46	3°50	16°35	10°57	2°26	21°15	12°35	22°R27	23°52	29°25	10°48	F 15
S 16	11 33 55	25°15'37	7♋40	4°18	27° 0	4°36	16°28	11° 4	2°30	21°17	12°34	22°26	23°49	29°31	10°52	S 16
S 17	11 37 52	26°15'27	20°34	4°D16	28°14	5°23	16°21	11°11	2°33	21°19	12°34	22°23	23°46	29°38	10°55	S 17
M18	11 41 48	27°15'15	3♌56	4°20	29°27	6° 9	16°14	11°18	2°36	21°21	12°34	22°18	23°43	29°45	10°59	M18
T 19	11 45 45	28°15'01	17°47	4°30	0♓41	6°56	16° 7	11°25	2°39	21°23	12°34	22°11	23°40	29°51	11° 2	T 19
W20	11 49 42	29°14'44	2♍ 6	4°46	1°55	7°42	16° 0	11°32	2°42	21°25	12°34	22° 3	23°37	29°58	11° 6	W20
T 21	11 53 38	0♈14'25	16°49	5° 6	3° 9	8°29	15°53	11°39	2°46	21°26	12°33	21°54	23°33	0♉ 5	11° 9	T 21
F 22	11 57 35	1°14'04	1♎49	5°32	4°22	9°15	15°46	11°47	2°49	21°28	12°33	21°47	23°30	0°11	11°13	F 22
S 23	12 1 31	2°13'41	16°56	6° 2	5°36	10° 1	15°39	11°54	2°52	21°30	12°33	21°41	23°27	0°18	11°16	S 23
S 24	12 5 28	3°13'17	2♏ 0	6°37	6°50	10°48	15°31	12° 1	2°55	21°32	12°33	21°37	23°24	0°25	11°20	S 24
M25	12 9 24	4°12'50	16°53	7°16	8° 3	11°34	15°24	12° 8	2°58	21°34	12°33	21°D36	23°21	0°31	11°24	M25
T 26	12 13 21	5°12'22	1♐29	7°59	9°17	12°20	15°16	12°15	3° 1	21°36	12°33	21°36	23°18	0°38	11°27	T 26
W27	12 17 17	6°11'52	15°44	8°45	10°31	13° 6	15° 9	12°21	3° 4	21°37	12°D33	21°37	23°14	0°45	11°31	W27
T 28	12 21 14	7°11'20	29°36	9°35	11°45	13°53	15° 1	12°28	3° 7	21°39	12°33	21°38	23°11	0°51	11°34	T 28
F 29	12 25 11	8°10'47	13♑ 6	10°28	12°58	14°39	14°54	12°35	3°10	21°41	12°33	21°R38	23° 8	0°58	11°38	F 29
S 30	12 29 7	9°10'11	26°16	11°24	14°12	15°25	14°46	12°42	3°13	21°43	12°33	21°37	23° 5	1° 5	11°42	S 30
S 31	12 33 4	10♈ 9'34	9♒ 9	12♓23	15♓26	16♈11	14♎38	12♓49	3♓16	21♒44	12♋33	21♉33	23♉ 2	1♉11	11♈45	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	7s43	26s34	3s11	2s21	3n39	18s15	0s 9	3s35	0s50	5s37	1n31	9s33	1s34	11s33	0s43	14s45	0s12	20n 5	2s45	18n44	18n54	8n32	6n 1	2n14	
S 2	7 21	26 24	4 0	2 41	3 41	17 58	0 12	3 16	0 49	5 35	1 32	9 30	1 34	11 32	0 43	14 44	0 12	20 5	2 44	18 43	18 54	8 35	6 2	2 14	
S 3	6 58	24 47	4 35	3 3	3 42	17 41	0 15	2 57	0 49	5 33	1 32	9 27	1 34	11 30	0 43	14 43	0 12	20 5	2 44	18 41	18 53	8 38	6 3	2 14	
M 4	6 35	21 53	4 56	3 29	3 41	17 23	0 18	2 37	0 48	5 31	1 32	9 25	1 34	11 29	0 43	14 43	0 12	20 6	2 44	18 39	18 52	8 41	6 4	2 13	
T 5	6 12	17 59	5 2	3 56	3 37	17 5	0 21	2 18	0 48	5 29	1 32	9 22	1 34	11 28	0 43	14 42	0 12	20 6	2 44	18 36	18 51	8 44	6 6	2 13	
W 6	5 48	13 22	4 53	4 25	3 31	16 47	0 24	1 59	0 47	5 27	1 32	9 19	1 34	11 27	0 43	14 41	0 12	20 6	2 44	18 33	18 51	8 48	6 7	2 13	
T 7	5 25	8 16	4 30	4 54	3 24	16 28	0 26	1 40	0 47	5 24	1 32	9 17	1 34	11 26	0 43	14 41	0 12	20 6	2 44	18 30	18 50	8 51	6 8	2 13	
F 8	5 2	2 55	3 56	5 24	3 14	16 8	0 29	1 21	0 46	5 22	1 33	9 14	1 34	11 24	0 43	14 40	0 12	20 6	2 44	18 27	18 49	8 54	6 9	2 13	
S 9	4 38	2n28	3 11	5 53	3 4	15 48	0 32	1 2	0 46	5 19	1 33	9 11	1 35	11 23	0 43	14 39	0 12	20 6	2 44	18 24	18 48	8 57	6 10	2 13	
S 10	4 15	7 44	2 18	6 21	2 52	15 28	0 34	0 43	0 45	5 17	1 33	9 9	1 35	11 22	0 43	14 39	0 12	20 7	2 43	18 23	18 47	9 0	6 12	2 13	
M11	3 51	12 42	1 20	6 48	2 39	15 7	0 37	0 24	0 45	5 15	1 33	9 6	1 35	11 21	0 43	14 38	0 12	20 7	2 43	18 22	18 47	9 3	6 13	2 13	
T 12	3 28	17 13	0 17	7 13	2 26	14 46	0 40	0 5	0 44	5 12	1 33	9 3	1 35	11 20	0 43	14 37	0 12	20 7	2 43	18 22	18 46	9 6	6 14	2 13	
W13	3 4	21 5	0n46	7 36	2 12	14 24	0 42	0n14	0 43	5 9	1 33	9 1	1 35	11 18	0 43	14 37	0 12	20 7	2 43	18 22	18 45	9 9	6 15	2 12	
T 14	2 40	24 7	1 48	7 58	1 57	14 2	0 45	0 33	0 43	5 7	1 34	8 58	1 35	11 17	0 43	14 36	0 12	20 7	2 43	18 22	18 44	9 12	6 17	2 12	
F 15	2 17	26 6	2 46	8 17	1 43	13 39	0 47	0 52	0 42	5 4	1 34	8 55	1 35	11 16	0 43	14 35	0 12	20 7	2 43	18 22	18 44	9 15	6 18	2 12	
S 16	1 53	26 50	3 38	8 33	1 28	13 17	0 49	1 11	0 42	5 2	1 34	8 53	1 35	11 15	0 43	14 35	0 12	20 7	2 43	18 22	18 43	9 18	6 19	2 12	
S 17	1 29	26 8	4 21	8 47	1 14	12 53	0 52	1 30	0 41	4 59	1 34	8 50	1 35	11 14	0 43	14 34	0 12	20 8	2 43	18 21	18 42	9 22	6 21	2 12	
M18	1 5	23 58	4 51	8 59	0 59	12 30	0 54	1 49	0 41	4 56	1 34	8 47	1 35	11 13	0 43	14 34	0 12	20 8	2 43	18 20	18 41	9 25	6 22	2 12	
T 19	0 42	20 20	5 5	9 9	0 45	12 6	0 56	2 8	0 40	4 53	1 34	8 45	1 35	11 12	0 43	14 33	0 12	20 8	2 42	18 18	18 40	9 28	6 23	2 12	
W20	0 18	15 24	5 2	9 16	0 32	11 42	0 58	2 27	0 40	4 50	1 34	8 42	1 35	11 10	0 43	14 32	0 12	20 8	2 42	18 16	18 40	9 31	6 24	2 12	
T 21	0n 6	9 28	4 38	9 21	0 18	11 17	1 0	2 46	0 39	4 48	1 34	8 39	1 36	11 9	0 43	14 32	0 12	20 8	2 42	18 14	18 39	9 34	6 26	2 12	
F 22	0 29	2 53	3 55	9 23	0 5	10 52	1 3	3 5	0 38	4 45	1 34	8 37	1 36	11 8	0 43	14 31	0 12	20 8	2 42	18 12	18 38	9 37	6 27	2 12	
S 23	0 53	3s56	2 56	9 24	0s 7	10 27	1 4	3 23	0 38	4 42	1 35	8 34	1 36	11 7	0 43	14 31	0 12	20 8	2 42	18 10	18 37	9 40	6 28	2 12	
S 24	1 17	10 32	1 44	9 22	0 19	10 2	1 6	3 42	0 37	4 39	1 35	8 32	1 36	11 6	0 43	14 30	0 12	20 8	2 42	18 9	18 36	9 43	6 30	2 11	
M25	1 40	16 28	0 25	9 19	0 31	9 36	1 8	4 1	0 37	4 36	1 35	8 29	1 36	11 5	0 43	14 29	0 12	20 9	2 42	18 9	18 36	9 46	6 31	2 11	
T 26	2 4	21 19	0s53	9 13	0 42	9 10	1 10	4 19	0 36	4 33	1 35	8 27	1 36	11 4	0 43	14 29	0 12	20 9	2 42	18 9	18 35	9 49	6 32	2 11	
W27	2 28	24 45	2 7	9 6	0 52	8 44	1 12	4 38	0 35	4 30	1 35	8 24	1 36	11 3	0 43	14 28	0 12	20 9	2 41	18 9	18 34	9 52	6 34	2 11	
T 28	2 51	26 36	3 11	8 56	1 2	8 17	1 13	4 56	0 35	4 27	1 35	8 21	1 36	11 2	0 43	14 28	0 12	20 9	2 41	18 9	18 33	9 55	6 35	2 11	
F 29	3 14	26 48	4 3	8 45	1 12	7 50	1 15	5 14	0 34	4 24	1 35	8 19	1 36	11 1	0 43	14 27	0 12	20 9	2 41	18 9	18 32	9 59	6 36	2 11	
S 30	3 38	25 28	4 40	8 32	1 21	7 23	1 17	5 33	0 34	4 21	1 35	8 16	1 37	11 0	0 43	14 27	0 12	20 9	2 41	18 9	18 32	10 2	6 38	2 11	
S 31	4n 1	22s49	5s 3	8s17	1s29	6s56	1s18	5n51	0s33	4s18	1n35	8s14	1s37	10s58	0s44	14s26	0s12	20n 9	2s41	18n 8	18n31	10n 5	6n39	2n11	

Julian Day Number = 2514060.5, Delta T = 137.39 sec
Ecliptic obliquity = 23°25'07, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°07'56, Lahiri = 26°14'56

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2171
geocentric

APRIL 2171 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 37 0	11♈ 8'56	21♒47	13♓24	16♓40	16♈57	14°R31	12♓56	3♓19	21♒46	12♋33	21°R28	22♉58	1♉18	11♈49	M 1
T 2	12 40 57	12° 8'15	4♓12	14°28	17°54	17°43	14♎23	13° 2	3°22	21°47	12°33	21♉22	22°55	1°25	11°52	T 2
W 3	12 44 53	13° 7'32	16°26	15°35	19° 7	18°29	14°15	13° 9	3°25	21°49	12°34	21°14	22°52	1°31	11°56	W 3
T 4	12 48 50	14° 6'48	28°32	16°44	20°21	19°14	14° 8	13°16	3°28	21°51	12°34	21° 7	22°49	1°38	12° 0	T 4
F 5	12 52 46	15° 6'01	10♈30	17°55	21°35	20° 0	14° 0	13°22	3°30	21°52	12°34	21° 1	22°46	1°45	12° 3	F 5
S 6	12 56 43	16° 5'13	22°22	19° 8	22°49	20°46	13°52	13°29	3°33	21°54	12°34	20°56	22°43	1°51	12° 7	S 6
S 7	13 0 39	17° 4'22	4♉11	20°24	24° 2	21°32	13°44	13°35	3°36	21°55	12°35	20°53	22°39	1°58	12°10	S 7
M 8	13 4 36	18° 3'30	15°58	21°41	25°16	22°17	13°37	13°42	3°39	21°57	12°35	20°D52	22°36	2° 5	12°14	M 8
T 9	13 8 33	19° 2'35	27°46	23° 0	26°30	23° 3	13°29	13°48	3°41	21°58	12°35	20°52	22°33	2°11	12°18	T 9
W10	13 12 29	20° 1'38	9♊38	24°22	27°44	23°49	13°21	13°55	3°44	22° 0	12°35	20°53	22°30	2°18	12°21	W10
T 11	13 16 26	21° 0'39	21°38	25°45	28°57	24°34	13°14	14° 1	3°47	22° 1	12°36	20°55	22°27	2°24	12°25	T 11
F 12	13 20 22	21°59'38	3♋50	27° 9	0♈11	25°20	13° 6	14° 8	3°49	22° 2	12°36	20°56	22°23	2°31	12°28	F 12
S 13	13 24 19	22°58'34	16°20	28°36	1°25	26° 5	12°58	14°14	3°52	22° 4	12°37	20°57	22°20	2°38	12°32	S 13
S 14	13 28 15	23°57'28	29°10	0♈ 4	2°39	26°51	12°51	14°20	3°54	22° 5	12°37	20°R58	22°17	2°44	12°35	S 14
M15	13 32 12	24°56'20	12♌26	1°34	3°52	27°36	12°44	14°26	3°57	22° 6	12°37	20°56	22°14	2°51	12°39	M15
T 16	13 36 8	25°55'09	26° 9	3° 5	5° 6	28°21	12°36	14°32	3°59	22° 8	12°38	20°54	22°11	2°58	12°43	T 16
W17	13 40 5	26°53'57	10♍20	4°38	6°20	29° 7	12°29	14°38	4° 2	22° 9	12°38	20°51	22° 8	3° 4	12°46	W17
T 18	13 44 2	27°52'42	24°57	6°13	7°34	29°52	12°22	14°44	4° 4	22°10	12°39	20°48	22° 4	3°11	12°50	T 18
F 19	13 47 58	28°51'24	9♎55	7°50	8°47	0♉37	12°14	14°50	4° 6	22°11	12°39	20°45	22° 1	3°18	12°53	F 19
S 20	13 51 55	29°50'05	25° 6	9°28	10° 1	1°22	12° 7	14°56	4° 9	22°12	12°40	20°43	21°58	3°24	12°57	S 20
S 21	13 55 51	0♉48'44	10♏20	11° 7	11°15	2° 7	12° 0	15° 2	4°11	22°13	12°41	20°42	21°55	3°31	13° 0	S 21
M22	13 59 48	1°47'21	25°28	12°49	12°28	2°52	11°53	15° 8	4°13	22°14	12°41	20°D42	21°52	3°38	13° 4	M22
T 23	14 3 44	2°45'56	10♐20	14°32	13°42	3°37	11°46	15°14	4°15	22°16	12°42	20°42	21°49	3°44	13° 7	T 23
W24	14 7 41	3°44'29	24°51	16°16	14°56	4°22	11°40	15°19	4°17	22°17	12°42	20°43	21°45	3°51	13°10	W24
T 25	14 11 37	4°43'01	8♑56	18° 3	16° 9	5° 7	11°33	15°25	4°20	22°18	12°43	20°45	21°42	3°58	13°14	T 25
F 26	14 15 34	5°41'32	22°36	19°50	17°23	5°52	11°27	15°31	4°22	22°19	12°44	20°46	21°39	4° 4	13°17	F 26
S 27	14 19 31	6°40'00	5♒50	21°40	18°37	6°36	11°20	15°36	4°24	22°19	12°44	20°R46	21°36	4°11	13°21	S 27
S 28	14 23 27	7°38'27	18°42	23°31	19°51	7°21	11°14	15°42	4°26	22°20	12°45	20°46	21°33	4°18	13°24	S 28
M29	14 27 24	8°36'53	1♓15	25°24	21° 4	8° 6	11° 8	15°47	4°28	22°21	12°46	20°45	21°29	4°24	13°27	M29
T 30	14 31 20	9♉35'16	13♓32	27♈19	22♈18	8♉50	11♎ 1	15♓52	4♓30	22♒22	12♋47	20♉43	21♉26	4♉31	13♈31	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	4n24	19s 7	5s10	8s 1	1s37	6s29	1s19	6n 9	0s32	4s15	1n35	8s11	1s37	10s57	0s44	14s26	0s12	20n 9	2s41	18n 7	18n30	10n 8	6n40	2n11
T 2	4 48	14 39	5 2	7 43	1 45	6 1	1 21	6 27	0 32	4 12	1 35	8 9	1 37	10 56	0 44	14 25	0 12	20 10	2 41	18 5	18 29	10 11	6 42	2 11
W 3	5 11	9 39	4 41	7 24	1 52	5 34	1 22	6 45	0 31	4 9	1 35	8 7	1 37	10 55	0 44	14 25	0 12	20 10	2 41	18 3	18 28	10 14	6 43	2 11
T 4	5 34	4 21	4 7	7 3	1 58	5 6	1 23	7 3	0 31	4 6	1 35	8 4	1 37	10 54	0 44	14 24	0 12	20 10	2 40	18 1	18 28	10 17	6 45	2 11
F 5	5 57	1n 3	3 22	6 40	2 4	4 38	1 24	7 21	0 30	4 3	1 35	8 2	1 37	10 53	0 44	14 24	0 12	20 10	2 40	18 0	18 27	10 20	6 46	2 11
S 6	6 19	6 23	2 29	6 16	2 9	4 10	1 25	7 39	0 29	4 0	1 35	7 59	1 37	10 52	0 44	14 23	0 12	20 10	2 40	17 59	18 26	10 23	6 47	2 11
S 7	6 42	11 29	1 30	5 51	2 14	3 41	1 26	7 57	0 29	3 57	1 35	7 57	1 38	10 51	0 44	14 23	0 12	20 10	2 40	17 58	18 25	10 26	6 49	2 10
M 8	7 5	16 10	0 27	5 25	2 18	3 13	1 27	8 14	0 28	3 54	1 35	7 54	1 38	10 50	0 44	14 22	0 12	20 10	2 40	17 57	18 24	10 29	6 50	2 10
T 9	7 27	20 15	0n38	4 57	2 22	2 44	1 28	8 32	0 28	3 51	1 35	7 52	1 38	10 50	0 44	14 22	0 12	20 10	2 40	17 57	18 24	10 32	6 51	2 10
W10	7 49	23 33	1 41	4 28	2 25	2 16	1 29	8 49	0 27	3 49	1 35	7 50	1 38	10 49	0 44	14 21	0 12	20 10	2 40	17 58	18 23	10 35	6 53	2 10
T 11	8 12	25 50	2 41	3 57	2 28	1 47	1 30	9 6	0 26	3 46	1 35	7 47	1 38	10 48	0 44	14 21	0 12	20 10	2 40	17 58	18 22	10 38	6 54	2 10
F 12	8 34	26 56	3 34	3 26	2 30	1 18	1 30	9 23	0 26	3 43	1 35	7 45	1 38	10 47	0 44	14 21	0 12	20 11	2 40	17 59	18 21	10 41	6 55	2 10
S 13	8 56	26 42	4 19	2 53	2 32	0 50	1 31	9 41	0 25	3 40	1 35	7 43	1 38	10 46	0 44	14 20	0 12	20 11	2 39	17 59	18 20	10 44	6 57	2 10
S 14	9 17	25 4	4 52	2 19	2 33	0 21	1 31	9 58	0 24	3 37	1 35	7 41	1 39	10 45	0 44	14 20	0 12	20 11	2 39	17 59	18 20	10 47	6 58	2 10
M15	9 39	22 2	5 11	1 44	2 34	0n 8	1 32	10 14	0 24	3 34	1 35	7 38	1 39	10 44	0 44	14 19	0 12	20 11	2 39	17 59	18 19	10 51	6 59	2 10
T 16	10 0	17 42	5 13	1 8	2 34	0 37	1 32	10 31	0 23	3 31	1 35	7 36	1 39	10 43	0 44	14 19	0 12	20 11	2 39	17 58	18 18	10 54	7 1	2 10
W17	10 22	12 16	4 57	0 31	2 34	1 6	1 32	10 48	0 23	3 29	1 34	7 34	1 39	10 42	0 44	14 19	0 12	20 11	2 39	17 57	18 17	10 57	7 2	2 10
T 18	10 43	6 0	4 21	0n 8	2 33	1 35	1 33	11 4	0 22	3 26	1 34	7 32	1 39	10 42	0 44	14 18	0 12	20 11	2 39	17 56	18 16	11 0	7 3	2 10
F 19	11 4	0s46	3 26	0 47	2 32	2 4	1 33	11 21	0 21	3 23	1 34	7 30	1 39	10 41	0 44	14 18	0 12	20 11	2 39	17 56	18 15	11 3	7 5	2 10
S 20	11 24	7 35	2 17	1 27	2 30	2 32	1 33	11 37	0 21	3 20	1 34	7 27	1 40	10 40	0 44	14 17	0 12	20 11	2 39	17 55	18 15	11 6	7 6	2 10
S 21	11 45	14 0	0 57	2 8	2 28	3 1	1 33	11 53	0 20	3 18	1 34	7 25	1 40	10 39	0 44	14 17	0 12	20 11	2 38	17 55	18 14	11 9	7 7	2 10
M22	12 5	19 32	0s26	2 50	2 25	3 30	1 33	12 9	0 19	3 15	1 34	7 23	1 40	10 38	0 44	14 17	0 12	20 11	2 38	17 55	18 13	11 12	7 9	2 10
T 23	12 25	23 44	1 47	3 33	2 21	3 59	1 33	12 25	0 19	3 13	1 34	7 21	1 40	10 38	0 44	14 16	0 12	20 11	2 38	17 55	18 12	11 15	7 10	2 10
W24	12 45	26 17	2 58	4 17	2 17	4 27	1 33	12 41	0 18	3 10	1 34	7 19	1 40	10 37	0 44	14 16	0 12	20 11	2 38	17 55	18 11	11 18	7 11	2 10
T 25	13 5	27 3	3 56	5 1	2 13	4 56	1 32	12 56	0 17	3 8	1 34	7 17	1 40	10 36	0 44	14 16	0 12	20 11	2 38	17 55	18 10	11 21	7 13	2 10
F 26	13 24	26 7	4 39	5 47	2 8	5 24	1 32	13 12	0 17	3 5	1 33	7 15	1 41	10 35	0 44	14 16	0 12	20 11	2 38	17 56	18 10	11 24	7 14	2 10
S 27	13 44	23 44	5 6	6 33	2 3	5 53	1 32	13 27	0 16	3 3	1 33	7 13	1 41	10 35	0 44	14 15	0 12	20 11	2 38	17 56	18 9	11 27	7 15	2 10
S 28	14 3	20 13	5 17	7 19	1 57	6 21	1 31	13 43	0 16	3 1	1 33	7 11	1 41	10 34	0 44	14 15	0 12	20 12	2 38	17 56	18 8	11 30	7 17	2 10
M29	14 22	15 52	5 11	8 6	1 50	6 49	1 31	13 58	0 15	2 58	1 33	7 9	1 41	10 33	0 44	14 15	0 12	20 12	2 38	17 55	18 7	11 33	7 18	2 10
T 30	14n40	10s58	4s52	8n54	1s43	7n17	1s30	14n13	0s14	2s56	1n33	7s 7	1s41	10s33	0s44	14s14	0s12	20n12	2s37	17n55	18n 6	11n36	7n19	2n10

Julian Day Number = 2514091.5, Delta T = 137.45 sec
Ecliptic obliquity = 23°25'07, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°08'00, Lahiri = 26°15'00

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2171
geocentric

MAY 2171 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 35 17	10♉33'39	25♓37	29♈15	23♈32	9♉35	10°R55	15♓58	4♓31	22♒23	12♋47	20°R42	21♉23	4♉38	13♈34	W 1
T 2	14 39 13	11°31'59	7♈34	1♉13	24°45	10°20	10♎50	16° 3	4°33	22°24	12°48	20♉41	21°20	4°44	13°37	T 2
F 3	14 43 10	12°30'18	19°24	3°12	25°59	11° 4	10°44	16° 8	4°35	22°24	12°49	20°39	21°17	4°51	13°41	F 3
S 4	14 47 6	13°28'35	1♉12	5°14	27°13	11°48	10°38	16°13	4°37	22°25	12°50	20°39	21°14	4°57	13°44	S 4
S 5	14 51 3	14°26'51	13° 0	7°16	28°26	12°33	10°33	16°18	4°38	22°26	12°51	20°38	21°10	5° 4	13°47	S 5
M 6	14 55 0	15°25'04	24°48	9°20	29°40	13°17	10°28	16°23	4°40	22°26	12°52	20°D38	21° 7	5°11	13°50	M 6
T 7	14 58 56	16°23'16	6♊41	11°26	0♉54	14° 1	10°22	16°28	4°42	22°27	12°53	20°38	21° 4	5°17	13°53	T 7
W 8	15 2 53	17°21'27	18°41	13°33	2° 7	14°46	10°17	16°32	4°43	22°28	12°54	20°39	21° 1	5°24	13°56	W 8
T 9	15 6 49	18°19'35	0♋48	15°41	3°21	15°30	10°13	16°37	4°45	22°28	12°54	20°39	20°58	5°31	14° 0	T 9
F 10	15 10 46	19°17'42	13° 8	17°49	4°35	16°14	10° 8	16°42	4°46	22°29	12°55	20°39	20°55	5°37	14° 3	F 10
S 11	15 14 42	20°15'47	25°42	19°59	5°48	16°58	10° 3	16°46	4°48	22°29	12°56	20°R39	20°51	5°44	14° 6	S 11
S 12	15 18 39	21°13'50	8♌34	22° 9	7° 2	17°42	9°59	16°51	4°49	22°30	12°57	20°39	20°48	5°51	14° 9	S 12
M13	15 22 35	22°11'50	21°46	24°20	8°16	18°26	9°55	16°55	4°50	22°30	12°58	20°D39	20°45	5°57	14°12	M13
T 14	15 26 32	23° 9'49	5♍22	26°31	9°29	19°10	9°51	17° 0	4°52	22°30	12°59	20°39	20°42	6° 4	14°15	T 14
W15	15 30 29	24° 7'47	19°21	28°41	10°43	19°54	9°47	17° 4	4°53	22°31	13° 1	20°40	20°39	6°11	14°18	W15
T 16	15 34 25	25° 5'42	3♎43	0♊51	11°57	20°37	9°43	17° 8	4°54	22°31	13° 2	20°40	20°35	6°17	14°21	T 16
F 17	15 38 22	26° 3'35	18°27	3° 0	13°10	21°21	9°40	17°12	4°55	22°31	13° 3	20°40	20°32	6°24	14°24	F 17
S 18	15 42 18	27° 1'27	3♏25	5° 8	14°24	22° 5	9°36	17°16	4°56	22°32	13° 4	20°41	20°29	6°31	14°26	S 18
S 19	15 46 15	27°59'17	18°32	7°15	15°37	22°48	9°33	17°20	4°58	22°32	13° 5	20°R41	20°26	6°37	14°29	S 19
M20	15 50 11	28°57'06	3♐38	9°20	16°51	23°32	9°30	17°24	4°59	22°32	13° 6	20°41	20°23	6°44	14°32	M20
T 21	15 54 8	29°54'53	18°34	11°24	18° 5	24°16	9°27	17°28	5° 0	22°32	13° 7	20°40	20°20	6°51	14°35	T 21
W22	15 58 5	0♊52'40	3♑13	13°25	19°18	24°59	9°24	17°31	5° 0	22°32	13° 8	20°39	20°16	6°57	14°38	W22
T 23	16 2 1	1°50'25	17°28	15°24	20°32	25°42	9°22	17°35	5° 1	22°32	13° 9	20°38	20°13	7° 4	14°40	T 23
F 24	16 5 58	2°48'08	1♒17	17°21	21°45	26°26	9°19	17°38	5° 2	22°32	13°11	20°37	20°10	7°10	14°43	F 24
S 25	16 9 54	3°45'51	14°39	19°15	22°59	27° 9	9°17	17°42	5° 3	22°R33	13°12	20°35	20° 7	7°17	14°46	S 25
S 26	16 13 51	4°43'32	27°36	21° 6	24°13	27°52	9°15	17°45	5° 4	22°33	13°13	20°35	20° 4	7°24	14°48	S 26
M27	16 17 47	5°41'13	10♓10	22°55	25°26	28°36	9°13	17°49	5° 4	22°32	13°14	20°D35	20° 1	7°30	14°51	M27
T 28	16 21 44	6°38'52	22°26	24°41	26°40	29°19	9°12	17°52	5° 5	22°32	13°16	20°35	19°57	7°37	14°53	T 28
W29	16 25 40	7°36'31	4♈28	26°24	27°54	0♊ 2	9°10	17°55	5° 6	22°32	13°17	20°36	19°54	7°44	14°56	W29
T 30	16 29 37	8°34'08	16°20	28° 4	29° 7	0°45	9° 9	17°58	5° 6	22°32	13°18	20°38	19°51	7°50	14°58	T 30
F 31	16 33 34	9♊31'45	28♈ 8	29♊41	0♊21	1♊28	9♎ 8	18♓ 1	5♓ 7	22♒32	13♋19	20♉39	19♉48	7♉57	15♈ 1	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14n59	5s43	4s20	9n42	1s36	7n45	1s29	14n27	0s14	2s54	1n33	7s 6	1s41	10s32	0s44	14s14	0s12	20n12	2s37	17n55	18n 6	11n39	7n20	2n10
T 2	15 17	0 20	3 37	10 30	1 28	8 12	1 29	14 42	0 13	2 52	1 33	7 4	1 42	10 31	0 44	14 14	0 12	20 12	2 37	17 54	18 5	11 42	7 22	2 10
F 3	15 35	5n 3	2 45	11 19	1 20	8 40	1 28	14 56	0 12	2 50	1 32	7 2	1 42	10 31	0 44	14 14	0 12	20 12	2 37	17 54	18 4	11 45	7 23	2 10
S 4	15 52	10 14	1 46	12 8	1 11	9 7	1 27	15 11	0 12	2 48	1 32	7 0	1 42	10 30	0 45	14 14	0 13	20 12	2 37	17 54	18 3	11 48	7 24	2 10
S 5	16 10	15 3	0 42	12 57	1 2	9 34	1 26	15 25	0 11	2 46	1 32	6 58	1 42	10 30	0 45	14 13	0 13	20 12	2 37	17 54	18 2	11 51	7 25	2 10
M 6	16 27	19 20	0n23	13 45	0 53	10 1	1 25	15 39	0 10	2 44	1 32	6 57	1 42	10 29	0 45	14 13	0 13	20 12	2 37	17 54	18 1	11 54	7 27	2 10
T 7	16 43	22 51	1 28	14 34	0 43	10 28	1 24	15 53	0 10	2 42	1 32	6 55	1 43	10 28	0 45	14 13	0 13	20 12	2 37	17 54	18 1	11 57	7 28	2 10
W 8	17 0	25 25	2 30	15 22	0 33	10 54	1 23	16 6	0 9	2 40	1 31	6 53	1 43	10 28	0 45	14 13	0 13	20 12	2 37	17 54	18 0	12 0	7 29	2 10
T 9	17 16	26 50	3 25	16 9	0 23	11 20	1 22	16 20	0 8	2 38	1 31	6 52	1 43	10 27	0 45	14 13	0 13	20 12	2 36	17 54	17 59	12 3	7 30	2 10
F 10	17 32	26 57	4 12	16 56	0 13	11 46	1 21	16 33	0 8	2 37	1 31	6 50	1 43	10 27	0 45	14 12	0 13	20 12	2 36	17 54	17 58	12 6	7 31	2 10
S 11	17 48	25 42	4 48	17 41	0 2	12 12	1 19	16 47	0 7	2 35	1 31	6 48	1 43	10 26	0 45	14 12	0 13	20 12	2 36	17 54	17 57	12 9	7 33	2 10
S 12	18 3	23 6	5 11	18 26	0n 8	12 37	1 18	17 0	0 6	2 34	1 31	6 47	1 44	10 26	0 45	14 12	0 13	20 12	2 36	17 54	17 56	12 12	7 34	2 10
M13	18 18	19 15	5 18	19 9	0 19	13 2	1 17	17 12	0 6	2 32	1 30	6 45	1 44	10 25	0 45	14 12	0 13	20 12	2 36	17 54	17 56	12 15	7 35	2 10
T 14	18 33	14 18	5 7	19 50	0 29	13 27	1 15	17 25	0 5	2 31	1 30	6 44	1 44	10 25	0 45	14 12	0 13	20 12	2 36	17 54	17 55	12 18	7 36	2 10
W15	18 47	8 29	4 39	20 30	0 40	13 51	1 14	17 38	0 4	2 29	1 30	6 42	1 44	10 25	0 45	14 12	0 13	20 12	2 36	17 54	17 54	12 21	7 37	2 10
T 16	19 1	2 5	3 52	21 7	0 50	14 16	1 12	17 50	0 4	2 28	1 30	6 41	1 44	10 24	0 45	14 12	0 13	20 12	2 36	17 54	17 53	12 24	7 38	2 10
F 17	19 15	4s36	2 50	21 43	0 59	14 39	1 11	18 2	0 3	2 27	1 30	6 39	1 45	10 24	0 45	14 12	0 13	20 12	2 36	17 54	17 52	12 27	7 40	2 10
S 18	19 29	11 10	1 34	22 16	1 9	15 3	1 9	18 14	0 3	2 26	1 29	6 38	1 45	10 23	0 45	14 12	0 13	20 12	2 35	17 54	17 51	12 30	7 41	2 10
S 19	19 42	17 8	0 12	22 47	1 18	15 26	1 7	18 26	0 2	2 25	1 29	6 37	1 45	10 23	0 45	14 12	0 13	20 12	2 35	17 54	17 50	12 33	7 42	2 10
M20	19 54	22 2	1s11	23 15	1 26	15 48	1 6	18 37	0 1	2 24	1 29	6 35	1 45	10 23	0 45	14 12	0 13	20 12	2 35	17 54	17 50	12 36	7 43	2 10
T 21	20 7	25 24	2 29	23 41	1 34	16 11	1 4	18 49	0 1	2 23	1 29	6 34	1 46	10 22	0 45	14 11	0 13	20 12	2 35	17 54	17 49	12 39	7 44	2 10
W22	20 19	26 57	3 35	24 4	1 41	16 32	1 2	19 0	0n 0	2 22	1 28	6 33	1 46	10 22	0 45	14 11	0 13	20 12	2 35	17 54	17 48	12 42	7 45	2 10
T 23	20 31	26 40	4 26	24 24	1 48	16 54	1 0	19 11	0 1	2 21	1 28	6 32	1 46	10 22	0 45	14 11	0 13	20 12	2 35	17 54	17 47	12 45	7 46	2 10
F 24	20 42	24 43	4 59	24 42	1 54	17 15	0 58	19 22	0 1	2 21	1 28	6 31	1 46	10 22	0 45	14 11	0 13	20 12	2 35	17 53	17 46	12 48	7 47	2 10
S 25	20 53	21 26	5 15	24 57	1 59	17 35	0 57	19 32	0 2	2 20	1 28	6 29	1 46	10 21	0 45	14 11	0 13	20 12	2 35	17 53	17 45	12 51	7 48	2 10
S 26	21 4	17 13	5 15	25 10	2 3	17 56	0 55	19 43	0 3	2 19	1 27	6 28	1 47	10 21	0 45	14 11	0 13	20 12	2 35	17 53	17 45	12 54	7 49	2 10
M27	21 14	12 21	4 59	25 20	2 7	18 15	0 53	19 53	0 3	2 19	1 27	6 27	1 47	10 21	0 45	14 12	0 13	20 12	2 35	17 53	17 44	12 57	7 50	2 10
T 28	21 24	7 8	4 29	25 28	2 10	18 34	0 51	20 3	0 4	2 18	1 27	6 26	1 47	10 21	0 45	14 12	0 13	20 12	2 35	17 53	17 43	13 0	7 51	2 10
W29	21 34	1 44	3 49	25 34	2 12	18 53	0 48	20 13	0 5	2 18	1 27	6 25	1 47	10 21	0 46	14 12	0 13	20 12	2 34	17 53	17 42	13 3	7 52	2 10
T 30	21 43	3n40	2 59	25 37	2 13	19 11	0 46	20 22	0 5	2 18	1 27	6 24	1 48	10 20	0 46	14 12	0 13	20 12	2 34	17 54	17 41	13 6	7 53	2 10
F 31	21n52	8n55	2s 1	25n38	2n13	19n29	0s44	20n32	0n 6	2s18	1n26	6s23	1s48	10s20	0s46	14s12	0s13	20n12	2s34	17n54	17n40	13n 9	7n54	2n10

Julian Day Number = 2514121.5, Delta T = 137.52 sec
Ecliptic obliquity = 23°25'07, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°08'04, Lahiri = 26°15'04

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2171
geocentric

JUNE 2171 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 37 30	10♊29'20	9♉55	1♋15	1♊34	2♊11	9°R 7	18♓ 3	5♓ 7	22°R32	13♋21	20♉40	19♉45	8♉ 4	15♈ 3	S 1
S 2	16 41 27	11°26'55	21°44	2°46	2°48	2°54	9♎ 6	18° 6	5° 7	22♒32	13°22	20°R41	19°41	8°10	15° 5	S 2
M 3	16 45 23	12°24'28	3♊38	4°13	4° 2	3°37	9° 6	18° 9	5° 8	22°31	13°23	20°40	19°38	8°17	15° 8	M 3
T 4	16 49 20	13°22'01	15°40	5°38	5°15	4°19	9° 5	18°11	5° 8	22°31	13°25	20°38	19°35	8°24	15°10	T 4
W 5	16 53 16	14°19'33	27°51	6°59	6°29	5° 2	9° 5	18°14	5° 8	22°31	13°26	20°36	19°32	8°30	15°12	W 5
T 6	16 57 13	15°17'03	10♋12	8°18	7°43	5°45	9°D 5	18°16	5° 8	22°30	13°27	20°32	19°29	8°37	15°14	T 6
F 7	17 1 9	16°14'32	22°46	9°32	8°56	6°27	9° 5	18°18	5° 9	22°30	13°29	20°28	19°26	8°44	15°16	F 7
S 8	17 5 6	17°12'01	5♌33	10°44	10°10	7°10	9° 6	18°21	5° 9	22°30	13°30	20°24	19°22	8°50	15°18	S 8
S 9	17 9 3	18° 9'28	18°35	11°52	11°23	7°52	9° 6	18°23	5°R 9	22°29	13°31	20°21	19°19	8°57	15°20	S 9
M10	17 12 59	19° 6'54	1♍53	12°57	12°37	8°35	9° 7	18°25	5° 9	22°29	13°33	20°18	19°16	9° 4	15°22	M10
T 11	17 16 56	20° 4'18	15°27	13°58	13°51	9°17	9° 8	18°27	5° 9	22°28	13°34	20°D17	19°13	9°10	15°24	T 11
W12	17 20 52	21° 1'42	29°18	14°56	15° 4	10° 0	9° 9	18°28	5° 9	22°28	13°36	20°17	19°10	9°17	15°26	W12
T 13	17 24 49	21°59'04	13♎27	15°50	16°18	10°42	9°10	18°30	5° 8	22°27	13°37	20°18	19° 7	9°23	15°28	T 13
F 14	17 28 45	22°56'25	27°52	16°40	17°32	11°24	9°11	18°32	5° 8	22°26	13°38	20°20	19° 3	9°30	15°30	F 14
S 15	17 32 42	23°53'46	12♏30	17°27	18°45	12° 6	9°13	18°33	5° 8	22°26	13°40	20°21	19° 0	9°37	15°32	S 15
S 16	17 36 38	24°51'05	27°17	18° 9	19°59	12°49	9°15	18°34	5° 8	22°25	13°41	20°R21	18°57	9°43	15°33	S 16
M17	17 40 35	25°48'24	12♐ 6	18°48	21°12	13°31	9°17	18°36	5° 7	22°24	13°43	20°19	18°54	9°50	15°35	M17
T 18	17 44 32	26°45'42	26°51	19°22	22°26	14°13	9°19	18°37	5° 7	22°24	13°44	20°16	18°51	9°57	15°37	T 18
W19	17 48 28	27°42'59	11♑24	19°52	23°40	14°55	9°21	18°38	5° 6	22°23	13°46	20°12	18°47	10° 3	15°38	W19
T 20	17 52 25	28°40'16	25°38	20°18	24°53	15°37	9°24	18°39	5° 6	22°22	13°47	20° 6	18°44	10°10	15°40	T 20
F 21	17 56 21	29°37'32	9♒29	20°40	26° 7	16°19	9°26	18°40	5° 5	22°21	13°49	20° 0	18°41	10°17	15°41	F 21
S 22	18 0 18	0♋34'48	22°54	20°57	27°21	17° 0	9°29	18°41	5° 5	22°20	13°50	19°54	18°38	10°23	15°43	S 22
S 23	18 4 14	1°32'04	5♓54	21° 9	28°34	17°42	9°32	18°42	5° 4	22°20	13°52	19°50	18°35	10°30	15°44	S 23
M24	18 8 11	2°29'19	18°31	21°17	29°48	18°24	9°35	18°42	5° 4	22°19	13°53	19°47	18°32	10°37	15°45	M24
T 25	18 12 7	3°26'34	0♈48	21°R20	1♋ 2	19° 6	9°38	18°43	5° 3	22°18	13°55	19°D46	18°28	10°43	15°47	T 25
W26	18 16 4	4°23'49	12°50	21°19	2°15	19°47	9°42	18°43	5° 2	22°17	13°56	19°46	18°25	10°50	15°48	W26
T 27	18 20 1	5°21'04	24°43	21°13	3°29	20°29	9°46	18°43	5° 1	22°16	13°58	19°48	18°22	10°56	15°49	T 27
F 28	18 23 57	6°18'19	6♉31	21° 3	4°43	21°10	9°49	18°44	5° 0	22°15	13°59	19°49	18°19	11° 3	15°50	F 28
S 29	18 27 54	7°15'33	18°19	20°48	5°57	21°52	9°53	18°44	5° 0	22°14	14° 1	19°R50	18°16	11°10	15°51	S 29
S 30	18 31 50	8♋12'48	0♊11	20♋30	7♋10	22♊33	9♎57	18°R44	4♓59	22♒13	14♋ 2	19♉49	18♉13	11♉16	15♈52	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n 0	13n50	0s59	25n37	2n13	19n46	0s42	20n41	0n 7	2s18	1n26	6s23	1s48	10s20	0s46	14s12	0s13	20n12	2s34	17n54	17n39	13n12	7n55	2n10
S 2	22 8	18 17	0n 6	25 35	2 11	20 3	0 40	20 50	0 7	2 17	1 26	6 22	1 48	10 20	0 46	14 12	0 13	20 12	2 34	17 54	17 39	13 15	7 56	2 10
M 3	22 16	22 1	1 11	25 30	2 9	20 19	0 38	20 59	0 8	2 17	1 25	6 21	1 49	10 20	0 46	14 12	0 13	20 12	2 34	17 54	17 38	13 18	7 57	2 10
T 4	22 23	24 52	2 13	25 24	2 6	20 35	0 36	21 8	0 8	2 18	1 25	6 20	1 49	10 20	0 46	14 12	0 13	20 11	2 34	17 54	17 37	13 21	7 58	2 10
W 5	22 30	26 35	3 11	25 17	2 3	20 50	0 33	21 16	0 9	2 18	1 25	6 19	1 49	10 20	0 46	14 12	0 13	20 11	2 34	17 53	17 36	13 23	7 59	2 10
T 6	22 36	27 0	4 0	25 8	1 58	21 4	0 31	21 24	0 10	2 18	1 25	6 19	1 49	10 20	0 46	14 12	0 13	20 11	2 34	17 52	17 35	13 26	8 0	2 10
F 7	22 43	26 4	4 38	24 57	1 53	21 18	0 29	21 32	0 10	2 18	1 24	6 18	1 49	10 20	0 46	14 13	0 13	20 11	2 34	17 51	17 34	13 29	8 0	2 10
S 8	22 48	23 46	5 3	24 46	1 47	21 31	0 26	21 40	0 11	2 19	1 24	6 17	1 50	10 20	0 46	14 13	0 13	20 11	2 34	17 50	17 33	13 32	8 1	2 10
S 9	22 53	20 12	5 13	24 33	1 40	21 44	0 24	21 48	0 12	2 19	1 24	6 17	1 50	10 20	0 46	14 13	0 13	20 11	2 33	17 49	17 33	13 35	8 2	2 10
M10	22 58	15 34	5 7	24 19	1 32	21 56	0 22	21 55	0 12	2 20	1 24	6 16	1 50	10 20	0 46	14 13	0 13	20 11	2 33	17 48	17 32	13 38	8 3	2 10
T 11	23 3	10 6	4 44	24 5	1 24	22 7	0 19	22 2	0 13	2 20	1 23	6 16	1 50	10 20	0 46	14 13	0 13	20 11	2 33	17 48	17 31	13 41	8 4	2 10
W12	23 7	4 0	4 4	23 49	1 15	22 18	0 17	22 9	0 14	2 21	1 23	6 15	1 51	10 20	0 46	14 13	0 13	20 11	2 33	17 48	17 30	13 44	8 4	2 10
T 13	23 11	2s24	3 8	23 33	1 5	22 28	0 15	22 16	0 14	2 22	1 23	6 15	1 51	10 20	0 46	14 14	0 13	20 11	2 33	17 48	17 29	13 47	8 5	2 10
F 14	23 14	8 50	2 0	23 17	0 54	22 38	0 12	22 22	0 15	2 22	1 23	6 14	1 51	10 20	0 46	14 14	0 13	20 11	2 33	17 49	17 28	13 50	8 6	2 10
S 15	23 17	14 54	0 43	23 0	0 43	22 47	0 10	22 29	0 15	2 23	1 22	6 14	1 51	10 20	0 46	14 14	0 13	20 11	2 33	17 49	17 27	13 53	8 7	2 10
S 16	23 19	20 9	0s38	22 42	0 31	22 55	0 8	22 35	0 16	2 24	1 22	6 14	1 52	10 20	0 46	14 14	0 13	20 11	2 33	17 49	17 26	13 56	8 7	2 10
M17	23 21	24 8	1 56	22 24	0 19	23 2	0 5	22 41	0 17	2 25	1 22	6 13	1 52	10 21	0 46	14 15	0 13	20 11	2 33	17 49	17 26	13 59	8 8	2 10
T 18	23 23	26 29	3 6	22 7	0 5	23 9	0 3	22 46	0 17	2 26	1 22	6 13	1 52	10 21	0 46	14 15	0 13	20 11	2 33	17 48	17 25	14 2	8 9	2 10
W19	23 24	26 57	4 3	21 49	0s 9	23 16	0 0	22 52	0 18	2 27	1 21	6 13	1 52	10 21	0 46	14 15	0 13	20 11	2 33	17 47	17 24	14 5	8 9	2 11
T 20	23 25	25 38	4 43	21 31	0 23	23 21	0n 2	22 57	0 19	2 29	1 21	6 13	1 53	10 21	0 46	14 15	0 13	20 10	2 33	17 45	17 23	14 7	8 10	2 11
F 21	23 25	22 46	5 5	21 13	0 38	23 26	0 4	23 2	0 19	2 30	1 21	6 13	1 53	10 21	0 46	14 16	0 13	20 10	2 33	17 43	17 22	14 10	8 11	2 11
S 22	23 25	18 45	5 10	20 55	0 53	23 30	0 7	23 7	0 20	2 31	1 21	6 13	1 53	10 22	0 46	14 16	0 13	20 10	2 32	17 42	17 21	14 13	8 11	2 11
S 23	23 25	13 58	4 58	20 38	1 9	23 34	0 9	23 11	0 20	2 33	1 20	6 13	1 53	10 22	0 46	14 16	0 13	20 10	2 32	17 41	17 20	14 16	8 12	2 11
M24	23 24	8 43	4 32	20 21	1 25	23 37	0 11	23 16	0 21	2 34	1 20	6 13	1 54	10 22	0 47	14 16	0 13	20 10	2 32	17 40	17 19	14 19	8 12	2 11
T 25	23 22	3 16	3 55	20 4	1 41	23 39	0 14	23 20	0 22	2 36	1 20	6 13	1 54	10 22	0 47	14 17	0 13	20 10	2 32	17 40	17 19	14 22	8 13	2 11
W26	23 21	2n12	3 7	19 48	1 57	23 40	0 16	23 24	0 22	2 37	1 20	6 13	1 54	10 23	0 47	14 17	0 13	20 10	2 32	17 40	17 18	14 25	8 13	2 11
T 27	23 19	7 31	2 12	19 33	2 14	23 41	0 19	23 27	0 23	2 39	1 19	6 13	1 54	10 23	0 47	14 17	0 13	20 10	2 32	17 40	17 17	14 28	8 14	2 11
F 28	23 16	12 33	1 12	19 18	2 30	23 41	0 21	23 31	0 23	2 40	1 19	6 13	1 55	10 23	0 47	14 18	0 13	20 10	2 32	17 41	17 16	14 31	8 14	2 11
S 29	23 13	17 8	0 8	19 5	2 46	23 40	0 23	23 34	0 24	2 42	1 19	6 13	1 55	10 24	0 47	14 18	0 14	20 10	2 32	17 41	17 15	14 34	8 15	2 11
S 30	23n10	21n 5	0n56	18n52	3s 2	23n39	0n25	23n37	0n25	2s44	1n19	6s13	1s55	10s24	0s47	14s18	0s14	20n10	2s32	17n41	17n14	14n36	8n15	2n11

Julian Day Number = 2514152.5, Delta T = 137.59 sec
Ecliptic obliquity = 23°25'07, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°08'08, Lahiri = 26°15'09

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2171
geocentric

JULY 2171 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 35 47	9♋10'02	12♊12	20°R 8	8♋24	23♊15	10♎ 2	18°R44	4°R58	22°R12	14♋ 4	19°R47	18♉ 9	11♉23	15♈53	M 1
T 2	18 39 43	10° 7'17	24°24	19♋42	9°38	23°56	10° 6	18♓43	4♓57	22♒11	14° 5	19♉42	18° 6	11°30	15°54	T 2
W 3	18 43 40	11° 4'31	6♋50	19°13	10°51	24°37	10°11	18°43	4°56	22°10	14° 7	19°35	18° 3	11°36	15°55	W 3
T 4	18 47 37	12° 1'46	19°29	18°41	12° 5	25°19	10°15	18°43	4°54	22° 9	14° 8	19°27	18° 0	11°43	15°56	T 4
F 5	18 51 33	12°59'00	2♌23	18° 8	13°19	26° 0	10°20	18°42	4°53	22° 7	14°10	19°18	17°57	11°50	15°57	F 5
S 6	18 55 30	13°56'14	15°30	17°32	14°33	26°41	10°25	18°42	4°52	22° 6	14°11	19° 9	17°53	11°56	15°58	S 6
S 7	18 59 26	14°53'27	28°50	16°56	15°47	27°22	10°31	18°41	4°51	22° 5	14°13	19° 0	17°50	12° 3	15°58	S 7
M 8	19 3 23	15°50'41	12♍22	16°19	17° 0	28° 3	10°36	18°40	4°50	22° 4	14°14	18°54	17°47	12°10	15°59	M 8
T 9	19 7 19	16°47'54	26° 5	15°42	18°14	28°44	10°42	18°39	4°48	22° 3	14°16	18°50	17°44	12°16	16° 0	T 9
W10	19 11 16	17°45'06	9♎58	15° 6	19°28	29°25	10°47	18°38	4°47	22° 1	14°17	18°48	17°41	12°23	16° 0	W10
T 11	19 15 12	18°42'19	24° 0	14°31	20°42	0♋ 6	10°53	18°37	4°45	22° 0	14°19	18°D48	17°38	12°30	16° 1	T 11
F 12	19 19 9	19°39'31	8♏11	13°59	21°55	0°47	10°59	18°36	4°44	21°59	14°20	18°49	17°34	12°36	16° 1	F 12
S 13	19 23 6	20°36'43	22°30	13°29	23° 9	1°27	11° 5	18°35	4°43	21°57	14°22	18°R49	17°31	12°43	16° 1	S 13
S 14	19 27 2	21°33'56	6♐54	13° 2	24°23	2° 8	11°11	18°33	4°41	21°56	14°23	18°48	17°28	12°49	16° 2	S 14
M15	19 30 59	22°31'08	21°19	12°39	25°37	2°49	11°18	18°32	4°39	21°55	14°25	18°44	17°25	12°56	16° 2	M15
T 16	19 34 55	23°28'20	5♑42	12°20	26°51	3°29	11°24	18°30	4°38	21°53	14°26	18°38	17°22	13° 3	16° 2	T 16
W17	19 38 52	24°25'33	19°56	12° 5	28° 4	4°10	11°31	18°29	4°36	21°52	14°28	18°30	17°19	13° 9	16° 2	W17
T 18	19 42 48	25°22'45	3♒56	11°55	29°18	4°51	11°37	18°27	4°35	21°51	14°29	18°20	17°15	13°16	16° 2	T 18
F 19	19 46 45	26°19'58	17°37	11°D51	0♌32	5°31	11°44	18°25	4°33	21°49	14°31	18° 9	17°12	13°23	16°R 2	F 19
S 20	19 50 41	27°17'12	0♓58	11°51	1°46	6°11	11°51	18°23	4°31	21°48	14°32	17°59	17° 9	13°29	16° 2	S 20
S 21	19 54 38	28°14'26	13°55	11°57	3° 0	6°52	11°59	18°21	4°29	21°46	14°34	17°50	17° 6	13°36	16° 2	S 21
M22	19 58 35	29°11'40	26°31	12° 8	4°14	7°32	12° 6	18°19	4°28	21°45	14°35	17°44	17° 3	13°43	16° 2	M22
T 23	20 2 31	0♌ 8'55	8♈49	12°26	5°28	8°12	12°13	18°17	4°26	21°43	14°37	17°40	16°59	13°49	16° 2	T 23
W24	20 6 28	1° 6'11	20°52	12°48	6°41	8°53	12°21	18°15	4°24	21°42	14°38	17°38	16°56	13°56	16° 2	W24
T 25	20 10 24	2° 3'28	2♉44	13°17	7°55	9°33	12°28	18°12	4°22	21°40	14°40	17°D37	16°53	14° 3	16° 2	T 25
F 26	20 14 21	3° 0'45	14°33	13°51	9° 9	10°13	12°36	18°10	4°20	21°39	14°41	17°R37	16°50	14° 9	16° 1	F 26
S 27	20 18 17	3°58'04	26°22	14°31	10°23	10°53	12°44	18° 7	4°18	21°37	14°42	17°37	16°47	14°16	16° 1	S 27
S 28	20 22 14	4°55'23	8♊18	15°17	11°37	11°33	12°52	18° 5	4°16	21°36	14°44	17°35	16°44	14°23	16° 0	S 28
M29	20 26 10	5°52'43	20°25	16° 8	12°51	12°13	13° 0	18° 2	4°14	21°34	14°45	17°32	16°40	14°29	16° 0	M29
T 30	20 30 7	6°50'04	2♋46	17° 4	14° 5	12°53	13° 9	17°59	4°12	21°33	14°47	17°25	16°37	14°36	15°59	T 30
W31	20 34 4	7♌47'26	15♋24	18♋ 6	15♌19	13♋33	13♎17	17♓56	4♓10	21♒31	14♋48	17♉16	16♉34	14♉42	15♈59	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23n 6	24n11	1n58	18n40	3s17	23n37	0n28	23n40	0n25	2s46	1n18	6s14	1s55	10s25	0s47	14s19	0s14	20n10	2s32	17n40	17n13	14n39	8n16	2n11
T 2	23 2	26 13	2 55	18 29	3 31	23 34	0 30	23 43	0 26	2 48	1 18	6 14	1 56	10 25	0 47	14 19	0 14	20 9	2 32	17 39	17 12	14 42	8 16	2 11
W 3	22 57	27 0	3 45	18 20	3 45	23 31	0 32	23 45	0 27	2 50	1 18	6 14	1 56	10 25	0 47	14 20	0 14	20 9	2 32	17 37	17 12	14 45	8 17	2 11
T 4	22 52	26 23	4 25	18 11	3 58	23 26	0 34	23 47	0 27	2 52	1 18	6 15	1 56	10 26	0 47	14 20	0 14	20 9	2 32	17 35	17 11	14 48	8 17	2 11
F 5	22 47	24 21	4 53	18 4	4 10	23 21	0 36	23 49	0 28	2 54	1 17	6 15	1 56	10 26	0 47	14 20	0 14	20 9	2 32	17 32	17 10	14 51	8 17	2 11
S 6	22 41	21 1	5 5	17 58	4 20	23 16	0 39	23 51	0 28	2 56	1 17	6 16	1 57	10 27	0 47	14 21	0 14	20 9	2 32	17 30	17 9	14 54	8 18	2 11
S 7	22 35	16 34	5 1	17 53	4 30	23 10	0 41	23 52	0 29	2 59	1 17	6 16	1 57	10 27	0 47	14 21	0 14	20 9	2 32	17 27	17 8	14 57	8 18	2 11
M 8	22 29	11 14	4 41	17 50	4 37	23 3	0 43	23 54	0 30	3 1	1 17	6 17	1 57	10 28	0 47	14 22	0 14	20 9	2 31	17 26	17 7	14 59	8 18	2 11
T 9	22 22	5 17	4 4	17 48	4 44	22 55	0 45	23 55	0 30	3 3	1 16	6 17	1 57	10 28	0 47	14 22	0 14	20 9	2 31	17 25	17 6	15 2	8 19	2 11
W10	22 15	1s 0	3 12	17 47	4 48	22 47	0 47	23 56	0 31	3 6	1 16	6 18	1 58	10 29	0 47	14 22	0 14	20 9	2 31	17 24	17 5	15 5	8 19	2 12
T 11	22 7	7 18	2 9	17 48	4 51	22 38	0 49	23 56	0 31	3 8	1 16	6 18	1 58	10 29	0 47	14 23	0 14	20 9	2 31	17 24	17 4	15 8	8 19	2 12
F 12	21 59	13 20	0 57	17 50	4 53	22 28	0 51	23 57	0 32	3 11	1 16	6 19	1 58	10 30	0 47	14 23	0 14	20 8	2 31	17 24	17 4	15 11	8 19	2 12
S 13	21 50	18 42	0s20	17 53	4 53	22 18	0 53	23 57	0 33	3 13	1 16	6 20	1 58	10 30	0 47	14 24	0 14	20 8	2 31	17 24	17 3	15 14	8 19	2 12
S 14	21 42	23 0	1 35	17 57	4 51	22 7	0 55	23 57	0 33	3 16	1 15	6 21	1 59	10 31	0 47	14 24	0 14	20 8	2 31	17 24	17 2	15 17	8 20	2 12
M15	21 32	25 52	2 44	18 2	4 48	21 55	0 56	23 57	0 34	3 19	1 15	6 21	1 59	10 32	0 47	14 25	0 14	20 8	2 31	17 23	17 1	15 19	8 20	2 12
T 16	21 23	27 0	3 43	18 9	4 43	21 43	0 58	23 57	0 34	3 21	1 15	6 22	1 59	10 32	0 47	14 25	0 14	20 8	2 31	17 21	17 0	15 22	8 20	2 12
W17	21 13	26 20	4 26	18 16	4 37	21 30	1 0	23 56	0 35	3 24	1 15	6 23	1 59	10 33	0 47	14 25	0 14	20 8	2 31	17 19	16 59	15 25	8 20	2 12
T 18	21 3	24 0	4 53	18 24	4 30	21 17	1 2	23 55	0 35	3 27	1 14	6 24	2 0	10 34	0 47	14 26	0 14	20 8	2 31	17 16	16 58	15 28	8 20	2 12
F 19	20 52	20 20	5 3	18 33	4 21	21 3	1 3	23 54	0 36	3 30	1 14	6 25	2 0	10 34	0 47	14 26	0 14	20 8	2 31	17 13	16 57	15 31	8 20	2 12
S 20	20 41	15 43	4 55	18 43	4 11	20 48	1 5	23 53	0 37	3 33	1 14	6 26	2 0	10 35	0 47	14 27	0 14	20 8	2 31	17 10	16 56	15 34	8 20	2 12
S 21	20 30	10 30	4 32	18 53	4 1	20 33	1 6	23 52	0 37	3 36	1 14	6 27	2 0	10 35	0 47	14 27	0 14	20 7	2 31	17 8	16 56	15 36	8 20	2 12
M22	20 18	5 0	3 57	19 4	3 49	20 17	1 8	23 50	0 38	3 39	1 14	6 28	2 0	10 36	0 47	14 28	0 14	20 7	2 31	17 6	16 55	15 39	8 20	2 12
T 23	20 6	0n34	3 11	19 14	3 37	20 1	1 9	23 48	0 38	3 42	1 13	6 29	2 1	10 37	0 47	14 28	0 14	20 7	2 31	17 5	16 54	15 42	8 20	2 12
W24	19 54	6 1	2 17	19 25	3 24	19 44	1 11	23 46	0 39	3 45	1 13	6 30	2 1	10 38	0 47	14 29	0 14	20 7	2 31	17 4	16 53	15 45	8 20	2 12
T 25	19 41	11 11	1 18	19 36	3 10	19 26	1 12	23 44	0 40	3 48	1 13	6 31	2 1	10 38	0 48	14 29	0 14	20 7	2 31	17 4	16 52	15 48	8 20	2 12
F 26	19 28	15 56	0 16	19 47	2 56	19 8	1 13	23 42	0 40	3 51	1 13	6 32	2 1	10 39	0 48	14 30	0 14	20 7	2 31	17 4	16 51	15 51	8 20	2 12
S 27	19 15	20 5	0n46	19 57	2 42	18 49	1 15	23 39	0 41	3 55	1 13	6 34	2 2	10 40	0 48	14 30	0 14	20 7	2 31	17 4	16 50	15 53	8 20	2 12
S 28	19 1	23 26	1 47	20 6	2 27	18 30	1 16	23 36	0 41	3 58	1 12	6 35	2 2	10 40	0 48	14 31	0 14	20 7	2 31	17 4	16 49	15 56	8 20	2 12
M29	18 47	25 48	2 45	20 15	2 12	18 10	1 17	23 33	0 42	4 1	1 12	6 36	2 2	10 41	0 48	14 31	0 14	20 7	2 31	17 3	16 48	15 59	8 20	2 12
T 30	18 33	26 58	3 35	20 23	1 57	17 50	1 18	23 30	0 42	4 5	1 12	6 37	2 2	10 42	0 48	14 32	0 14	20 6	2 31	17 1	16 47	16 2	8 19	2 13
W31	18n18	26n46	4n16	20n30	1s42	17n29	1n19	23n27	0n43	4s 8	1n12	6s39	2s 2	10s43	0s48	14s32	0s14	20n 6	2s30	16n58	16n47	16n 5	8n19	2n13

Julian Day Number = 2514182.5, Delta T = 137.65 sec
Ecliptic obliquity = 23°25'07, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°08'12, Lahiri = 26°15'13

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2171
geocentric

AUGUST 2171 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 38 0	8♌44'49	28♋21	19♋14	16♌33	14♋13	13♎25	17°R53	4°R 8	21°R29	14♋50	17°R 5	16♉31	14♉49	15°R58	T 1
F 2	20 41 57	9°42'12	11♌35	20°26	17°47	14°53	13°34	17♓50	4♓ 6	21♒28	14°51	16♉53	16°28	14°56	15♈58	F 2
S 3	20 45 53	10°39'37	25° 6	21°44	19° 1	15°33	13°43	17°47	4° 4	21°26	14°52	16°41	16°25	15° 2	15°57	S 3
S 4	20 49 50	11°37'01	8♍51	23° 7	20°15	16°12	13°52	17°44	4° 2	21°25	14°54	16°30	16°21	15° 9	15°56	S 4
M 5	20 53 46	12°34'27	22°45	24°34	21°29	16°52	14° 1	17°41	4° 0	21°23	14°55	16°21	16°18	15°16	15°55	M 5
T 6	20 57 43	13°31'53	6♎46	26° 6	22°42	17°32	14°10	17°37	3°57	21°21	14°57	16°15	16°15	15°22	15°54	T 6
W 7	21 1 39	14°29'20	20°51	27°42	23°56	18°11	14°19	17°34	3°55	21°20	14°58	16°12	16°12	15°29	15°53	W 7
T 8	21 5 36	15°26'48	4♏58	29°23	25°10	18°51	14°28	17°30	3°53	21°18	14°59	16°11	16° 9	15°36	15°52	T 8
F 9	21 9 33	16°24'16	19° 6	1♌ 7	26°24	19°30	14°37	17°27	3°51	21°17	15° 1	16°11	16° 5	15°42	15°51	F 9
S 10	21 13 29	17°21'45	3♐13	2°54	27°38	20°10	14°47	17°23	3°49	21°15	15° 2	16°10	16° 2	15°49	15°50	S 10
S 11	21 17 26	18°19'15	17°18	4°45	28°52	20°49	14°56	17°20	3°46	21°13	15° 3	16° 8	15°59	15°56	15°49	S 11
M12	21 21 22	19°16'46	1♑21	6°38	0♍ 6	21°28	15° 6	17°16	3°44	21°12	15° 4	16° 4	15°56	16° 2	15°48	M12
T 13	21 25 19	20°14'17	15°18	8°34	1°20	22° 8	15°16	17°12	3°42	21°10	15° 6	15°57	15°53	16° 9	15°47	T 13
W14	21 29 15	21°11'50	29° 7	10°31	2°34	22°47	15°25	17° 8	3°39	21° 8	15° 7	15°47	15°50	16°15	15°45	W14
T 15	21 33 12	22° 9'23	12♒45	12°31	3°48	23°26	15°35	17° 4	3°37	21° 7	15° 8	15°36	15°46	16°22	15°44	T 15
F 16	21 37 8	23° 6'57	26° 8	14°31	5° 2	24° 5	15°45	17° 1	3°35	21° 5	15°10	15°23	15°43	16°29	15°43	F 16
S 17	21 41 5	24° 4'33	9♓13	16°33	6°16	24°44	15°55	16°57	3°32	21° 3	15°11	15°12	15°40	16°35	15°41	S 17
S 18	21 45 2	25° 2'10	22° 1	18°35	7°30	25°23	16° 6	16°52	3°30	21° 2	15°12	15° 1	15°37	16°42	15°40	S 18
M19	21 48 58	25°59'48	4♈31	20°37	8°44	26° 2	16°16	16°48	3°28	21° 0	15°13	14°53	15°34	16°49	15°38	M19
T 20	21 52 55	26°57'27	16°45	22°39	9°58	26°41	16°26	16°44	3°25	20°59	15°14	14°48	15°30	16°55	15°37	T 20
W21	21 56 51	27°55'08	28°46	24°41	11°12	27°20	16°37	16°40	3°23	20°57	15°16	14°45	15°27	17° 2	15°35	W21
T 22	22 0 48	28°52'51	10♉38	26°43	12°26	27°59	16°47	16°36	3°21	20°55	15°17	14°D44	15°24	17° 9	15°33	T 22
F 23	22 4 44	29°50'35	22°26	28°44	13°40	28°38	16°58	16°32	3°18	20°54	15°18	14°44	15°21	17°15	15°32	F 23
S 24	22 8 41	0♍48'21	4♊16	0♍44	14°54	29°17	17° 8	16°27	3°16	20°52	15°19	14°R44	15°18	17°22	15°30	S 24
S 25	22 12 37	1°46'09	16°12	2°43	16° 8	29°56	17°19	16°23	3°13	20°51	15°20	14°43	15°15	17°29	15°28	S 25
M26	22 16 34	2°43'58	28°21	4°41	17°22	0♌34	17°30	16°19	3°11	20°49	15°21	14°40	15°11	17°35	15°26	M26
T 27	22 20 31	3°41'49	10♋47	6°38	18°36	1°13	17°41	16°14	3° 9	20°47	15°22	14°35	15° 8	17°42	15°24	T 27
W28	22 24 27	4°39'42	23°33	8°34	19°50	1°52	17°52	16°10	3° 6	20°46	15°23	14°28	15° 5	17°48	15°23	W28
T 29	22 28 24	5°37'37	6♌41	10°29	21° 4	2°30	18° 3	16° 5	3° 4	20°44	15°24	14°18	15° 2	17°55	15°21	T 29
F 30	22 32 20	6°35'33	20°12	12°22	22°18	3° 9	18°14	16° 1	3° 1	20°43	15°25	14° 7	14°59	18° 2	15°19	F 30
S 31	22 36 17	7♍33'30	4♍ 4	14♍14	23♍32	3♌47	18♎25	15♓56	2♓59	20♒41	15♋27	13♉57	14♉56	18♉ 8	15♈17	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18n 3	25n 7	4n45	20n36	1s27	17n 8	1n20	23n23	0n44	4s12	1n12	6s40	2s 3	10s43	0s48	14s33	0s14	20n 6	2s30	16n55	16n46	16n 7	8n19	2n13
F 2	17 48	22 5	4 59	20 40	1 12	16 47	1 21	23 19	0 44	4 15	1 11	6 41	2 3	10 44	0 48	14 33	0 14	20 6	2 30	16 52	16 45	16 10	8 19	2 13
S 3	17 33	17 48	4 57	20 43	0 58	16 24	1 22	23 15	0 45	4 19	1 11	6 43	2 3	10 45	0 48	14 34	0 14	20 6	2 30	16 48	16 44	16 13	8 19	2 13
S 4	17 17	12 33	4 38	20 44	0 43	16 2	1 23	23 11	0 45	4 22	1 11	6 44	2 3	10 46	0 48	14 35	0 14	20 6	2 30	16 45	16 43	16 16	8 18	2 13
M 5	17 1	6 35	4 3	20 43	0 29	15 39	1 23	23 7	0 46	4 26	1 11	6 46	2 3	10 47	0 48	14 35	0 14	20 6	2 30	16 43	16 42	16 19	8 18	2 13
T 6	16 45	0 15	3 12	20 40	0 15	15 15	1 24	23 2	0 46	4 30	1 11	6 47	2 4	10 47	0 48	14 36	0 14	20 6	2 30	16 41	16 41	16 21	8 18	2 13
W 7	16 28	6s 8	2 10	20 34	0 2	14 52	1 25	22 58	0 47	4 33	1 10	6 49	2 4	10 48	0 48	14 36	0 14	20 5	2 30	16 40	16 40	16 24	8 17	2 13
T 8	16 11	12 14	0 59	20 26	0n10	14 27	1 25	22 53	0 48	4 37	1 10	6 50	2 4	10 49	0 48	14 37	0 14	20 5	2 30	16 40	16 39	16 27	8 17	2 13
F 9	15 54	17 44	0s15	20 15	0 22	14 3	1 26	22 48	0 48	4 41	1 10	6 52	2 4	10 50	0 48	14 37	0 14	20 5	2 30	16 40	16 38	16 30	8 17	2 13
S 10	15 37	22 14	1 29	20 2	0 34	13 38	1 26	22 42	0 49	4 45	1 10	6 53	2 4	10 51	0 48	14 38	0 14	20 5	2 30	16 40	16 37	16 32	8 16	2 13
S 11	15 19	25 25	2 37	19 47	0 44	13 12	1 26	22 37	0 49	4 48	1 10	6 55	2 5	10 52	0 48	14 38	0 14	20 5	2 30	16 39	16 36	16 35	8 16	2 13
M12	15 2	26 59	3 35	19 28	0 54	12 47	1 27	22 32	0 50	4 52	1 10	6 56	2 5	10 52	0 48	14 39	0 14	20 5	2 30	16 38	16 36	16 38	8 15	2 13
T 13	14 44	26 50	4 19	19 7	1 3	12 21	1 27	22 26	0 50	4 56	1 9	6 58	2 5	10 53	0 48	14 39	0 14	20 5	2 30	16 36	16 35	16 41	8 15	2 13
W14	14 25	25 1	4 48	18 43	1 11	11 54	1 27	22 20	0 51	5 0	1 9	7 0	2 5	10 54	0 48	14 40	0 14	20 5	2 30	16 33	16 34	16 43	8 15	2 13
T 15	14 7	21 46	5 0	18 17	1 18	11 27	1 27	22 14	0 51	5 4	1 9	7 1	2 5	10 55	0 48	14 40	0 14	20 4	2 30	16 30	16 33	16 46	8 14	2 13
F 16	13 48	17 25	4 55	17 49	1 25	11 0	1 27	22 8	0 52	5 8	1 9	7 3	2 5	10 56	0 48	14 41	0 14	20 4	2 30	16 26	16 32	16 49	8 14	2 13
S 17	13 29	12 21	4 35	17 18	1 30	10 33	1 27	22 1	0 52	5 12	1 9	7 5	2 5	10 57	0 48	14 41	0 14	20 4	2 30	16 23	16 31	16 52	8 13	2 13
S 18	13 10	6 51	4 1	16 45	1 35	10 6	1 27	21 55	0 53	5 16	1 9	7 6	2 6	10 58	0 48	14 42	0 14	20 4	2 30	16 20	16 30	16 54	8 12	2 13
M19	12 51	1 12	3 16	16 10	1 38	9 38	1 27	21 48	0 54	5 20	1 8	7 8	2 6	10 58	0 48	14 42	0 14	20 4	2 30	16 17	16 29	16 57	8 12	2 13
T 20	12 31	4n23	2 23	15 33	1 41	9 10	1 26	21 41	0 54	5 24	1 8	7 10	2 6	10 59	0 48	14 43	0 14	20 4	2 30	16 16	16 28	17 0	8 11	2 13
W21	12 11	9 43	1 24	14 55	1 44	8 41	1 26	21 34	0 55	5 28	1 8	7 12	2 6	11 0	0 48	14 44	0 14	20 4	2 30	16 15	16 27	17 3	8 11	2 13
T 22	11 51	14 39	0 22	14 15	1 45	8 13	1 26	21 27	0 55	5 33	1 8	7 13	2 6	11 1	0 48	14 44	0 14	20 4	2 30	16 15	16 26	17 5	8 10	2 13
F 23	11 31	19 1	0n41	13 33	1 46	7 44	1 25	21 20	0 56	5 37	1 8	7 15	2 6	11 2	0 48	14 45	0 14	20 4	2 30	16 15	16 25	17 8	8 9	2 13
S 24	11 11	22 39	1 42	12 51	1 46	7 15	1 25	21 12	0 56	5 41	1 8	7 17	2 6	11 3	0 48	14 45	0 14	20 3	2 30	16 15	16 25	17 11	8 9	2 13
S 25	10 50	25 21	2 39	12 8	1 45	6 46	1 24	21 4	0 57	5 45	1 8	7 19	2 7	11 4	0 48	14 46	0 14	20 3	2 30	16 14	16 24	17 14	8 8	2 13
M26	10 29	26 55	3 30	11 23	1 44	6 16	1 24	20 57	0 57	5 50	1 7	7 21	2 7	11 4	0 48	14 46	0 14	20 3	2 30	16 14	16 23	17 16	8 7	2 13
T 27	10 9	27 10	4 12	10 39	1 42	5 47	1 23	20 49	0 58	5 54	1 7	7 22	2 7	11 5	0 48	14 47	0 14	20 3	2 30	16 12	16 22	17 19	8 7	2 13
W28	9 48	26 1	4 43	9 53	1 39	5 17	1 22	20 41	0 58	5 58	1 7	7 24	2 7	11 6	0 48	14 47	0 14	20 3	2 30	16 10	16 21	17 22	8 6	2 13
T 29	9 26	23 25	5 0	9 7	1 36	4 47	1 21	20 32	0 59	6 2	1 7	7 26	2 7	11 7	0 48	14 48	0 14	20 3	2 30	16 7	16 20	17 24	8 5	2 13
F 30	9 5	19 30	5 1	8 21	1 33	4 17	1 20	20 24	0 59	6 7	1 7	7 28	2 7	11 8	0 48	14 48	0 14	20 3	2 30	16 4	16 19	17 27	8 5	2 13
S 31	8n44	14n25	4n45	7n34	1n29	3n47	1n19	20n16	1n 0	6s11	1n 7	7s30	2s 7	11s 9	0s48	14s49	0s14	20n 3	2s30	16n 1	16n18	17n30	8n 4	2n13

Julian Day Number = 2514213.5, Delta T = 137.72 sec
Ecliptic obliquity = 23°25'07, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°08'17, Lahiri = 26°15'17

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2171
geocentric

SEPTEMBER 2171 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 40 13	8♍31'29	18♍12	16♍ 5	24♍46	4♌26	18♎37	15°R52	2°R57	20°R40	15♋28	13°R47	14♉52	18♉15	15°R15	S 1
M 2	22 44 10	9°29'30	2♎33	17°55	26° 0	5° 4	18°48	15♓47	2♓54	20♒38	15°28	13♉39	14°49	18°22	15♈12	M 2
T 3	22 48 6	10°27'32	16°58	19°43	27°14	5°42	18°59	15°43	2°52	20°36	15°29	13°34	14°46	18°28	15°10	T 3
W 4	22 52 3	11°25'35	1♏25	21°30	28°28	6°21	19°11	15°38	2°50	20°35	15°30	13°31	14°43	18°35	15° 8	W 4
T 5	22 56 0	12°23'40	15°47	23°16	29°42	6°59	19°22	15°33	2°47	20°33	15°31	13°D31	14°40	18°42	15° 6	T 5
F 6	22 59 56	13°21'46	0♐ 2	25° 0	0♎56	7°37	19°34	15°29	2°45	20°32	15°32	13°31	14°36	18°48	15° 4	F 6
S 7	23 3 53	14°19'54	14° 9	26°43	2°10	8°15	19°45	15°24	2°43	20°31	15°33	13°R32	14°33	18°55	15° 2	S 7
S 8	23 7 49	15°18'03	28° 6	28°25	3°24	8°53	19°57	15°20	2°40	20°29	15°34	13°31	14°30	19° 2	14°59	S 8
M 9	23 11 46	16°16'14	11♑53	0♎ 6	4°38	9°31	20° 9	15°15	2°38	20°28	15°35	13°28	14°27	19° 8	14°57	M 9
T 10	23 15 42	17°14'26	25°30	1°46	5°52	10° 9	20°21	15°11	2°36	20°26	15°36	13°23	14°24	19°15	14°55	T 10
W11	23 19 39	18°12'39	8♒55	3°24	7° 6	10°47	20°33	15° 6	2°33	20°25	15°36	13°16	14°21	19°22	14°52	W11
T 12	23 23 35	19°10'55	22° 8	5° 2	8°20	11°25	20°45	15° 1	2°31	20°23	15°37	13° 7	14°17	19°28	14°50	T 12
F 13	23 27 32	20° 9'11	5♓ 9	6°38	9°34	12° 3	20°57	14°57	2°29	20°22	15°38	12°58	14°14	19°35	14°47	F 13
S 14	23 31 29	21° 7'29	17°55	8°13	10°48	12°41	21° 9	14°52	2°27	20°21	15°39	12°49	14°11	19°41	14°45	S 14
S 15	23 35 25	22° 5'49	0♈28	9°47	12° 2	13°19	21°21	14°48	2°24	20°19	15°40	12°41	14° 8	19°48	14°42	S 15
M16	23 39 22	23° 4'11	12°46	11°20	13°16	13°56	21°33	14°43	2°22	20°18	15°40	12°35	14° 5	19°55	14°40	M16
T 17	23 43 18	24° 2'35	24°53	12°51	14°30	14°34	21°45	14°39	2°20	20°17	15°41	12°31	14° 2	20° 1	14°37	T 17
W18	23 47 15	25° 1'01	6♉50	14°22	15°43	15°12	21°57	14°34	2°18	20°15	15°42	12°D29	13°58	20° 8	14°35	W18
T 19	23 51 11	25°59'29	18°40	15°51	16°57	15°49	22° 9	14°30	2°16	20°14	15°42	12°29	13°55	20°15	14°32	T 19
F 20	23 55 8	26°57'59	0♊27	17°20	18°11	16°27	22°22	14°25	2°14	20°13	15°43	12°31	13°52	20°21	14°30	F 20
S 21	23 59 4	27°56'32	12°16	18°47	19°25	17° 4	22°34	14°21	2°12	20°12	15°43	12°32	13°49	20°28	14°27	S 21
S 22	0 3 1	28°55'06	24°12	20°13	20°39	17°42	22°46	14°16	2° 9	20°11	15°44	12°R33	13°46	20°35	14°24	S 22
M23	0 6 57	29°53'43	6♋20	21°38	21°53	18°19	22°59	14°12	2° 7	20° 9	15°45	12°33	13°42	20°41	14°22	M23
T 24	0 10 54	0♎52'22	18°45	23° 2	23° 7	18°56	23°11	14° 8	2° 5	20° 8	15°45	12°31	13°39	20°48	14°19	T 24
W25	0 14 51	1°51'03	1♌31	24°24	24°21	19°34	23°24	14° 4	2° 3	20° 7	15°46	12°28	13°36	20°55	14°16	W25
T 26	0 18 47	2°49'46	14°42	25°46	25°35	20°11	23°36	13°59	2° 1	20° 6	15°46	12°23	13°33	21° 1	14°14	T 26
F 27	0 22 44	3°48'31	28°19	27° 6	26°48	20°48	23°49	13°55	2° 0	20° 5	15°47	12°17	13°30	21° 8	14°11	F 27
S 28	0 26 40	4°47'19	12♍21	28°25	28° 2	21°25	24° 2	13°51	1°58	20° 4	15°47	12°11	13°27	21°14	14° 8	S 28
S 29	0 30 37	5°46'08	26°46	29°42	29°16	22° 2	24°14	13°47	1°56	20° 3	15°48	12° 5	13°23	21°21	14° 6	S 29
M30	0 34 33	6♎45'00	11♎26	0♏58	0♏30	22♌39	24♎27	13♓43	1♓54	20♒ 2	15♋48	12♉ 1	13♉20	21♉28	14♈ 3	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n22	8n30	4n11	6n47	1n24	3n16	1n18	20n 7	1n 1	6s16	1n 7	7s32	2s 7	11s10	0s48	14s49	0s14	20n 3	2s30	15n58	16n17	17n32	8n 3	2n13
M 2	8 0	2 3	3 20	6 0	1 20	2 46	1 17	19 58	1 1	6 20	1 7	7 33	2 7	11 10	0 48	14 50	0 14	20 3	2 30	15 55	16 16	17 35	8 2	2 13
T 3	7 38	4s33	2 17	5 13	1 15	2 16	1 16	19 49	1 2	6 24	1 6	7 35	2 7	11 11	0 48	14 50	0 14	20 2	2 30	15 54	16 15	17 38	8 1	2 13
W 4	7 16	10 57	1 4	4 26	1 9	1 45	1 15	19 40	1 2	6 29	1 6	7 37	2 8	11 12	0 48	14 51	0 14	20 2	2 30	15 53	16 14	17 41	8 0	2 13
T 5	6 54	16 45	0s12	3 39	1 4	1 14	1 13	19 31	1 3	6 33	1 6	7 39	2 8	11 13	0 48	14 51	0 14	20 2	2 30	15 53	16 13	17 43	8 0	2 13
F 6	6 32	21 34	1 27	2 52	0 58	0 44	1 12	19 22	1 3	6 38	1 6	7 41	2 8	11 14	0 48	14 52	0 14	20 2	2 30	15 53	16 12	17 46	7 59	2 13
S 7	6 10	25 4	2 36	2 5	0 51	0 13	1 11	19 13	1 4	6 42	1 6	7 43	2 8	11 15	0 48	14 52	0 14	20 2	2 30	15 53	16 11	17 49	7 58	2 13
S 8	5 47	27 0	3 35	1 19	0 45	0s18	1 9	19 3	1 4	6 47	1 6	7 44	2 8	11 16	0 48	14 53	0 14	20 2	2 30	15 53	16 11	17 51	7 57	2 13
M 9	5 25	27 13	4 21	0 33	0 38	0 48	1 8	18 54	1 5	6 51	1 6	7 46	2 8	11 16	0 48	14 53	0 14	20 2	2 30	15 52	16 10	17 54	7 56	2 13
T 10	5 2	25 47	4 51	0s13	0 32	1 19	1 6	18 44	1 5	6 56	1 6	7 48	2 8	11 17	0 48	14 53	0 14	20 2	2 30	15 51	16 9	17 57	7 55	2 13
W11	4 39	22 55	5 5	0 59	0 25	1 50	1 4	18 34	1 6	7 0	1 5	7 50	2 8	11 18	0 48	14 54	0 14	20 2	2 30	15 49	16 8	17 59	7 54	2 13
T 12	4 17	18 53	5 2	1 44	0 17	2 21	1 3	18 24	1 6	7 5	1 5	7 52	2 8	11 19	0 48	14 54	0 14	20 2	2 30	15 46	16 7	18 2	7 53	2 13
F 13	3 54	14 1	4 43	2 29	0 10	2 51	1 1	18 14	1 7	7 10	1 5	7 54	2 8	11 20	0 48	14 55	0 14	20 1	2 30	15 43	16 6	18 5	7 52	2 13
S 14	3 31	8 37	4 11	3 13	0 3	3 22	0 59	18 4	1 7	7 14	1 5	7 55	2 8	11 20	0 48	14 55	0 14	20 1	2 30	15 40	16 5	18 7	7 51	2 13
S 15	3 8	2 59	3 27	3 57	0s 5	3 52	0 57	17 54	1 8	7 19	1 5	7 57	2 8	11 21	0 48	14 56	0 14	20 1	2 30	15 38	16 4	18 10	7 50	2 13
M16	2 45	2n41	2 33	4 40	0 12	4 23	0 55	17 43	1 8	7 23	1 5	7 59	2 8	11 22	0 48	14 56	0 14	20 1	2 30	15 36	16 3	18 12	7 49	2 13
T 17	2 22	8 10	1 34	5 23	0 20	4 53	0 53	17 33	1 9	7 28	1 5	8 1	2 8	11 23	0 48	14 57	0 14	20 1	2 30	15 35	16 2	18 15	7 48	2 13
W18	1 59	13 18	0 31	6 5	0 28	5 24	0 51	17 22	1 9	7 33	1 5	8 2	2 8	11 23	0 48	14 57	0 14	20 1	2 30	15 34	16 1	18 18	7 47	2 13
T 19	1 36	17 54	0n33	6 47	0 36	5 54	0 49	17 12	1 10	7 37	1 5	8 4	2 8	11 24	0 48	14 57	0 14	20 1	2 30	15 34	16 0	18 20	7 46	2 13
F 20	1 12	21 47	1 36	7 28	0 43	6 24	0 47	17 1	1 10	7 42	1 5	8 6	2 8	11 25	0 48	14 58	0 14	20 1	2 30	15 35	15 59	18 23	7 45	2 13
S 21	0 49	24 48	2 34	8 8	0 51	6 54	0 45	16 50	1 11	7 47	1 4	8 8	2 8	11 26	0 48	14 58	0 14	20 1	2 30	15 35	15 58	18 26	7 44	2 13
S 22	0 26	26 44	3 27	8 48	0 59	7 24	0 43	16 39	1 11	7 51	1 4	8 9	2 8	11 26	0 48	14 59	0 14	20 1	2 30	15 35	15 57	18 28	7 43	2 13
M23	0 3	27 27	4 11	9 27	1 7	7 54	0 40	16 28	1 12	7 56	1 4	8 11	2 8	11 27	0 48	14 59	0 14	20 1	2 30	15 35	15 56	18 31	7 42	2 13
T 24	0s21	26 48	4 45	10 6	1 14	8 23	0 38	16 17	1 12	8 1	1 4	8 13	2 8	11 28	0 48	14 59	0 14	20 1	2 30	15 35	15 55	18 33	7 41	2 13
W25	0 44	24 46	5 5	10 44	1 22	8 53	0 36	16 6	1 13	8 5	1 4	8 14	2 8	11 29	0 48	15 0	0 15	20 1	2 30	15 34	15 54	18 36	7 40	2 13
T 26	1 7	21 21	5 10	11 21	1 30	9 22	0 33	15 54	1 13	8 10	1 4	8 16	2 8	11 29	0 48	15 0	0 15	20 1	2 30	15 32	15 54	18 39	7 39	2 13
F 27	1 31	16 43	4 59	11 57	1 37	9 51	0 31	15 43	1 14	8 15	1 4	8 17	2 8	11 30	0 48	15 0	0 15	20 1	2 30	15 31	15 53	18 41	7 38	2 13
S 28	1 54	11 4	4 29	12 32	1 45	10 20	0 28	15 32	1 14	8 19	1 4	8 19	2 8	11 31	0 48	15 1	0 15	20 0	2 30	15 29	15 52	18 44	7 37	2 13
S 29	2 17	4 41	3 42	13 7	1 52	10 48	0 26	15 20	1 15	8 24	1 4	8 21	2 8	11 31	0 48	15 1	0 15	20 0	2 30	15 27	15 51	18 46	7 36	2 13
M30	2s41	2s 5	2n39	13s40	2s 0	11s16	0n23	15n 8	1n15	8s29	1n 4	8s22	2s 8	11s32	0s48	15s 1	0s15	20n 0	2s30	15n26	15n50	18n49	7n34	2n13

Julian Day Number = 2514244.5, Delta T = 137.79 sec
Ecliptic obliquity = 23°25'08, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°08'21, Lahiri = 26°15'21

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2171
geocentric

OCTOBER 2171 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 38 30	7♎43'53	26♎16	2♏13	1♏44	23♌16	24♎40	13°R39	1°R52	20°R 1	15♋48	11°R59	13♉17	21♉34	14°R 0	T 1
W 2	0 42 26	8°42'49	11♏ 7	3°25	2°58	23°53	24°52	13♓35	1♓50	20♒ 0	15°49	11°D58	13°14	21°41	13♈57	W 2
T 3	0 46 23	9°41'46	25°52	4°37	4°12	24°30	25° 5	13°31	1°49	19°59	15°49	11♉58	13°11	21°48	13°55	T 3
F 4	0 50 20	10°40'46	10♐25	5°46	5°25	25° 7	25°18	13°27	1°47	19°58	15°49	12° 0	13° 8	21°54	13°52	F 4
S 5	0 54 16	11°39'47	24°43	6°54	6°39	25°44	25°31	13°23	1°45	19°57	15°50	12° 1	13° 4	22° 1	13°49	S 5
S 6	0 58 13	12°38'49	8♑44	7°59	7°53	26°20	25°44	13°20	1°44	19°56	15°50	12°R 2	13° 1	22° 8	13°46	S 6
M 7	1 2 9	13°37'54	22°26	9° 2	9° 7	26°57	25°57	13°16	1°42	19°56	15°50	12° 2	12°58	22°14	13°43	M 7
T 8	1 6 6	14°37'00	5♒51	10° 3	10°20	27°34	26° 9	13°12	1°40	19°55	15°50	12° 0	12°55	22°21	13°41	T 8
W 9	1 10 2	15°36'08	19° 0	11° 1	11°34	28°10	26°22	13° 9	1°39	19°54	15°50	11°57	12°52	22°28	13°38	W 9
T 10	1 13 59	16°35'17	1♓54	11°57	12°48	28°47	26°35	13° 6	1°37	19°53	15°51	11°54	12°48	22°34	13°35	T 10
F 11	1 17 55	17°34'29	14°34	12°49	14° 2	29°23	26°48	13° 2	1°36	19°53	15°51	11°50	12°45	22°41	13°32	F 11
S 12	1 21 52	18°33'42	27° 1	13°38	15°15	29°59	27° 1	12°59	1°35	19°52	15°51	11°46	12°42	22°48	13°30	S 12
S 13	1 25 49	19°32'57	9♈17	14°23	16°29	0♍36	27°14	12°56	1°33	19°51	15°51	11°43	12°39	22°54	13°27	S 13
M14	1 29 45	20°32'14	21°24	15° 5	17°43	1°12	27°27	12°52	1°32	19°51	15°51	11°40	12°36	23° 1	13°24	M14
T 15	1 33 42	21°31'34	3♉22	15°42	18°56	1°48	27°40	12°49	1°31	19°50	15°51	11°39	12°33	23° 7	13°21	T 15
W16	1 37 38	22°30'55	15°14	16°14	20°10	2°24	27°53	12°46	1°29	19°50	15°51	11°D39	12°29	23°14	13°19	W16
T 17	1 41 35	23°30'19	27° 2	16°40	21°24	3° 0	28° 6	12°44	1°28	19°49	15°R51	11°39	12°26	23°21	13°16	T 17
F 18	1 45 31	24°29'44	8♊48	17° 1	22°37	3°36	28°19	12°41	1°27	19°49	15°51	11°41	12°23	23°27	13°13	F 18
S 19	1 49 28	25°29'12	20°38	17°16	23°51	4°12	28°32	12°38	1°26	19°48	15°51	11°42	12°20	23°34	13°11	S 19
S 20	1 53 24	26°28'43	2♋34	17°24	25° 5	4°48	28°45	12°35	1°25	19°48	15°51	11°44	12°17	23°41	13° 8	S 20
M21	1 57 21	27°28'15	14°41	17°R25	26°18	5°24	28°58	12°33	1°24	19°47	15°51	11°45	12°13	23°47	13° 5	M21
T 22	2 1 18	28°27'50	27° 3	17°17	27°32	6° 0	29°11	12°30	1°23	19°47	15°51	11°R45	12°10	23°54	13° 3	T 22
W23	2 5 14	29°27'27	9♌45	17° 2	28°45	6°36	29°25	12°28	1°22	19°47	15°51	11°45	12° 7	24° 1	13° 0	W23
T 24	2 9 11	0♏27'06	22°50	16°38	29°59	7°11	29°38	12°25	1°21	19°46	15°51	11°44	12° 4	24° 7	12°57	T 24
F 25	2 13 7	1°26'48	6♍22	16° 5	1♐13	7°47	29°51	12°23	1°20	19°46	15°50	11°43	12° 1	24°14	12°55	F 25
S 26	2 17 4	2°26'31	20°22	15°23	2°26	8°23	0♏ 4	12°21	1°19	19°46	15°50	11°42	11°58	24°21	12°52	S 26
S 27	2 21 0	3°26'17	4♎47	14°32	3°40	8°58	0°17	12°19	1°19	19°46	15°50	11°41	11°54	24°27	12°50	S 27
M28	2 24 57	4°26'05	19°34	13°34	4°53	9°33	0°30	12°17	1°18	19°46	15°50	11°40	11°51	24°34	12°47	M28
T 29	2 28 53	5°25'55	4♏37	12°29	6° 7	10° 9	0°43	12°15	1°17	19°45	15°49	11°D40	11°48	24°41	12°45	T 29
W30	2 32 50	6°25'48	19°46	11°18	7°20	10°44	0°56	12°14	1°17	19°45	15°49	11°40	11°45	24°47	12°42	W30
T 31	2 36 47	7♏25'42	4♐52	10♏ 3	8♐34	11♍19	1♏ 9	12♓12	1♓16	19♒45	15♋49	11♉40	11♉42	24♉54	12♈40	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3s 4	8s49	1n25	14s13	2s 7	11s44	0n21	14n57	1n16	8s33	1n 4	8s24	2s 8	11s32	0s48	15s 2	0s15	20n 0	2s30	15n25	15n49	18n52	7n33	2n13
W 2	3 27	15 5	0 5	14 44	2 14	12 12	0 18	14 45	1 16	8 38	1 4	8 25	2 8	11 33	0 47	15 2	0 15	20 0	2 30	15 25	15 48	18 54	7 32	2 13
T 3	3 50	20 26	1s15	15 15	2 21	12 40	0 16	14 33	1 17	8 43	1 4	8 27	2 8	11 34	0 47	15 2	0 15	20 0	2 30	15 25	15 47	18 57	7 31	2 13
F 4	4 13	24 28	2 30	15 45	2 27	13 7	0 13	14 21	1 17	8 48	1 4	8 28	2 8	11 34	0 47	15 3	0 15	20 0	2 30	15 25	15 46	18 59	7 30	2 12
S 5	4 37	26 52	3 33	16 13	2 34	13 34	0 10	14 9	1 18	8 52	1 3	8 29	2 8	11 35	0 47	15 3	0 15	20 0	2 30	15 26	15 45	19 2	7 29	2 12
S 6	5 0	27 30	4 23	16 40	2 40	14 0	0 7	13 57	1 18	8 57	1 3	8 31	2 8	11 35	0 47	15 3	0 15	20 0	2 30	15 26	15 44	19 4	7 28	2 12
M 7	5 22	26 25	4 56	17 7	2 45	14 27	0 5	13 45	1 19	9 2	1 3	8 32	2 8	11 36	0 47	15 3	0 15	20 0	2 30	15 26	15 43	19 7	7 26	2 12
T 8	5 45	23 50	5 12	17 31	2 51	14 53	0 2	13 33	1 19	9 6	1 3	8 33	2 8	11 36	0 47	15 4	0 15	20 0	2 30	15 25	15 42	19 10	7 25	2 12
W 9	6 8	20 3	5 12	17 55	2 56	15 18	0s 1	13 21	1 20	9 11	1 3	8 35	2 7	11 37	0 47	15 4	0 15	20 0	2 30	15 25	15 41	19 12	7 24	2 12
T 10	6 31	15 23	4 55	18 16	3 1	15 43	0 4	13 9	1 20	9 16	1 3	8 36	2 7	11 37	0 47	15 4	0 15	20 0	2 30	15 23	15 40	19 15	7 23	2 12
F 11	6 54	10 8	4 24	18 37	3 5	16 8	0 6	12 57	1 21	9 21	1 3	8 37	2 7	11 38	0 47	15 4	0 15	20 0	2 30	15 22	15 39	19 17	7 22	2 12
S 12	7 16	4 35	3 42	18 55	3 9	16 33	0 9	12 44	1 21	9 25	1 3	8 38	2 7	11 38	0 47	15 4	0 15	20 0	2 30	15 21	15 38	19 20	7 21	2 12
S 13	7 39	1n 5	2 49	19 12	3 12	16 57	0 12	12 32	1 22	9 30	1 3	8 39	2 7	11 39	0 47	15 5	0 15	20 0	2 30	15 20	15 37	19 22	7 20	2 12
M14	8 1	6 39	1 50	19 27	3 15	17 20	0 15	12 19	1 22	9 35	1 3	8 41	2 7	11 39	0 47	15 5	0 15	20 0	2 30	15 19	15 36	19 25	7 18	2 12
T 15	8 23	11 55	0 46	19 40	3 17	17 43	0 18	12 7	1 23	9 39	1 3	8 42	2 7	11 40	0 47	15 5	0 15	20 0	2 30	15 19	15 35	19 27	7 17	2 12
W16	8 45	16 42	0n20	19 51	3 18	18 6	0 21	11 54	1 23	9 44	1 3	8 43	2 7	11 40	0 47	15 5	0 15	20 0	2 30	15 19	15 34	19 30	7 16	2 11
T 17	9 7	20 50	1 24	19 59	3 19	18 28	0 23	11 42	1 24	9 49	1 3	8 44	2 7	11 41	0 47	15 5	0 15	20 0	2 30	15 19	15 33	19 32	7 15	2 11
F 18	9 29	24 8	2 25	20 4	3 18	18 50	0 26	11 29	1 24	9 53	1 3	8 45	2 7	11 41	0 47	15 6	0 15	20 0	2 30	15 19	15 32	19 35	7 14	2 11
S 19	9 51	26 24	3 20	20 7	3 17	19 11	0 29	11 17	1 25	9 58	1 3	8 46	2 7	11 41	0 47	15 6	0 15	20 0	2 30	15 20	15 31	19 37	7 13	2 11
S 20	10 12	27 30	4 6	20 7	3 14	19 32	0 32	11 4	1 25	10 3	1 3	8 47	2 6	11 42	0 47	15 6	0 15	20 0	2 30	15 20	15 30	19 40	7 12	2 11
M21	10 34	27 18	4 43	20 3	3 10	19 52	0 35	10 51	1 26	10 7	1 3	8 48	2 6	11 42	0 47	15 6	0 15	20 0	2 30	15 21	15 30	19 42	7 10	2 11
T 22	10 55	25 45	5 7	19 56	3 5	20 12	0 38	10 39	1 26	10 12	1 3	8 48	2 6	11 42	0 47	15 6	0 15	20 0	2 30	15 21	15 29	19 45	7 9	2 11
W23	11 16	22 53	5 17	19 45	2 58	20 31	0 41	10 26	1 27	10 17	1 3	8 49	2 6	11 43	0 47	15 6	0 15	20 0	2 30	15 21	15 28	19 47	7 8	2 11
T 24	11 37	18 47	5 11	19 30	2 50	20 50	0 43	10 13	1 27	10 21	1 3	8 50	2 6	11 43	0 47	15 6	0 15	20 0	2 30	15 20	15 27	19 50	7 7	2 11
F 25	11 58	13 38	4 48	19 11	2 40	21 8	0 46	10 0	1 28	10 26	1 3	8 51	2 6	11 43	0 47	15 6	0 15	20 0	2 30	15 20	15 26	19 52	7 6	2 11
S 26	12 19	7 37	4 8	18 48	2 28	21 26	0 49	9 47	1 28	10 30	1 3	8 51	2 6	11 43	0 47	15 6	0 15	20 0	2 30	15 20	15 25	19 55	7 5	2 10
S 27	12 39	1 1	3 11	18 20	2 15	21 43	0 52	9 35	1 29	10 35	1 3	8 52	2 6	11 44	0 47	15 6	0 15	20 0	2 30	15 19	15 24	19 57	7 4	2 10
M28	12 59	5s48	2 0	17 48	1 59	21 59	0 55	9 22	1 29	10 39	1 3	8 53	2 5	11 44	0 47	15 7	0 15	20 0	2 30	15 19	15 23	20 0	7 3	2 10
T 29	13 19	12 26	0 39	17 12	1 42	22 15	0 57	9 9	1 30	10 44	1 3	8 53	2 5	11 44	0 47	15 7	0 15	20 0	2 30	15 19	15 22	20 2	7 2	2 10
W30	13 39	18 23	0s45	16 32	1 24	22 30	1 0	8 56	1 30	10 49	1 3	8 54	2 5	11 44	0 47	15 7	0 15	20 0	2 30	15 19	15 21	20 5	7 0	2 10
T 31	13s59	23s 9	2s 6	15s50	1s 5	22s45	1s 3	8n43	1n31	10s53	1n 3	8s54	2s 5	11s44	0s47	15s 7	0s15	20n 0	2s30	15n19	15n20	20n 7	6n59	2n10

Julian Day Number = 2514274.5, Delta T = 137.86 sec
Ecliptic obliquity = 23°25'08, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°08'25, Lahiri = 26°15'25

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2171
geocentric

NOVEMBER 2171 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 40 43	8♏25'37	19♐47	8°R46	9♐47	11♍54	1♏22	12°R10	1°R16	19°D45	15°R48	11♉40	11♉39	25♉ 0	12°R37	F 1
S 2	2 44 40	9°25'35	4♑24	7♏29	11° 1	12°29	1°35	12♓ 9	1♓15	19♒45	15♋48	11°40	11°35	25° 7	12♈35	S 2
S 3	2 48 36	10°25'34	18°37	6°16	12°14	13° 4	1°48	12° 8	1°15	19°45	15°48	11°41	11°32	25°14	12°32	S 3
M 4	2 52 33	11°25'35	2♒26	5° 7	13°27	13°39	2° 1	12° 6	1°14	19°45	15°47	11°41	11°29	25°20	12°30	M 4
T 5	2 56 29	12°25'37	15°51	4° 6	14°41	14°14	2°14	12° 5	1°14	19°46	15°47	11°41	11°26	25°27	12°28	T 5
W 6	3 0 26	13°25'41	28°54	3°14	15°54	14°49	2°27	12° 4	1°14	19°46	15°46	11°41	11°23	25°34	12°25	W 6
T 7	3 4 22	14°25'47	11♓37	2°32	17° 8	15°24	2°40	12° 3	1°14	19°46	15°46	11°41	11°19	25°40	12°23	T 7
F 8	3 8 19	15°25'53	24° 3	2° 2	18°21	15°58	2°53	12° 2	1°14	19°46	15°45	11°41	11°16	25°47	12°21	F 8
S 9	3 12 16	16°26'02	6♈16	1°43	19°34	16°33	3° 6	12° 2	1°13	19°46	15°45	11°42	11°13	25°54	12°19	S 9
S 10	3 16 12	17°26'12	18°19	1°D35	20°48	17° 7	3°19	12° 1	1°13	19°47	15°44	11°42	11°10	26° 0	12°17	S 10
M11	3 20 9	18°26'24	0♉15	1°39	22° 1	17°42	3°32	12° 0	1°D13	19°47	15°44	11°43	11° 7	26° 7	12°15	M11
T 12	3 24 5	19°26'37	12° 6	1°54	23°14	18°16	3°44	12° 0	1°13	19°47	15°43	11°R43	11° 4	26°14	12°12	T 12
W13	3 28 2	20°26'52	23°55	2°18	24°27	18°50	3°57	12° 0	1°14	19°48	15°42	11°43	11° 0	26°20	12°10	W13
T 14	3 31 58	21°27'09	5♊43	2°52	25°40	19°24	4°10	11°59	1°14	19°48	15°42	11°42	10°57	26°27	12° 8	T 14
F 15	3 35 55	22°27'28	17°32	3°34	26°54	19°59	4°23	11°59	1°14	19°49	15°41	11°41	10°54	26°34	12° 6	F 15
S 16	3 39 51	23°27'49	29°26	4°24	28° 7	20°33	4°35	11°D59	1°14	19°49	15°40	11°39	10°51	26°40	12° 5	S 16
S 17	3 43 48	24°28'11	11♋27	5°20	29°20	21° 6	4°48	11°59	1°14	19°50	15°40	11°37	10°48	26°47	12° 3	S 17
M18	3 47 45	25°28'36	23°37	6°22	0♌33	21°40	5° 1	12° 0	1°15	19°50	15°39	11°35	10°45	26°54	12° 1	M18
T 19	3 51 41	26°29'02	5♌59	7°28	1°46	22°14	5°13	12° 0	1°15	19°51	15°38	11°33	10°41	27° 0	11°59	T 19
W20	3 55 38	27°29'30	18°38	8°39	2°59	22°48	5°26	12° 0	1°16	19°51	15°38	11°33	10°38	27° 7	11°57	W20
T 21	3 59 34	28°29'59	1♍37	9°54	4°12	23°21	5°39	12° 1	1°16	19°52	15°37	11°D32	10°35	27°13	11°56	T 21
F 22	4 3 31	29°30'31	14°59	11°12	5°25	23°55	5°51	12° 1	1°17	19°53	15°36	11°33	10°32	27°20	11°54	F 22
S 23	4 7 27	0♐31'04	28°46	12°32	6°38	24°28	6° 4	12° 2	1°17	19°53	15°35	11°34	10°29	27°27	11°52	S 23
S 24	4 11 24	1°31'39	12♎59	13°55	7°51	25° 1	6°16	12° 3	1°18	19°54	15°34	11°35	10°25	27°33	11°51	S 24
M25	4 15 20	2°32'16	27°37	15°20	9° 4	25°35	6°29	12° 4	1°19	19°55	15°33	11°37	10°22	27°40	11°49	M25
T 26	4 19 17	3°32'54	12♏35	16°46	10°16	26° 8	6°41	12° 5	1°19	19°56	15°33	11°R37	10°19	27°47	11°48	T 26
W27	4 23 14	4°33'34	27°45	18°14	11°29	26°41	6°53	12° 6	1°20	19°57	15°32	11°36	10°16	27°53	11°46	W27
T 28	4 27 10	5°34'16	13♐ 0	19°42	12°42	27°13	7° 6	12° 7	1°21	19°58	15°31	11°34	10°13	28° 0	11°45	T 28
F 29	4 31 7	6°34'59	28° 8	21°12	13°55	27°46	7°18	12° 9	1°22	19°58	15°30	11°31	10°10	28° 7	11°44	F 29
S 30	4 35 3	7♐35'43	13♑ 0	22♏42	15♑ 7	28♍19	7♏30	12♓10	1♓23	19♒59	15♋29	11♉28	10♉ 6	28♉13	11♈42	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14s18	26s18	3s17	15s 6	0s44	22s59	1s 5	8n30	1n31	10s58	1n 3	8s55	2s 5	11s45	0s47	15s 7	0s15	20n 0	2s30	15n19	15n19	20n10	6n58	2n10
S 2	14 37	27 34	4 13	14 22	0 24	23 12	1 8	8 17	1 32	11 2	1 3	8 55	2 5	11 45	0 47	15 7	0 15	20 0	2 30	15 19	15 18	20 12	6 57	2 10
S 3	14 56	26 57	4 53	13 39	0 3	23 25	1 11	8 4	1 32	11 7	1 3	8 56	2 5	11 45	0 46	15 7	0 15	20 0	2 30	15 19	15 17	20 14	6 56	2 9
M 4	15 15	24 41	5 14	12 57	0n17	23 37	1 13	7 51	1 33	11 11	1 3	8 56	2 5	11 45	0 46	15 7	0 15	20 0	2 30	15 19	15 16	20 17	6 55	2 9
T 5	15 33	21 7	5 17	12 18	0 36	23 48	1 16	7 38	1 34	11 16	1 3	8 56	2 4	11 45	0 46	15 7	0 15	20 0	2 30	15 19	15 15	20 19	6 54	2 9
W 6	15 51	16 35	5 4	11 44	0 54	23 58	1 18	7 25	1 34	11 20	1 3	8 57	2 4	11 45	0 46	15 7	0 15	20 1	2 30	15 19	15 14	20 22	6 53	2 9
T 7	16 9	11 27	4 36	11 14	1 11	24 8	1 21	7 12	1 35	11 24	1 3	8 57	2 4	11 45	0 46	15 6	0 15	20 1	2 30	15 19	15 13	20 24	6 52	2 9
F 8	16 27	5 58	3 55	10 50	1 26	24 18	1 23	6 59	1 35	11 29	1 3	8 57	2 4	11 45	0 46	15 6	0 15	20 1	2 30	15 20	15 12	20 27	6 51	2 9
S 9	16 44	0 20	3 5	10 31	1 38	24 26	1 26	6 46	1 36	11 33	1 3	8 57	2 4	11 45	0 46	15 6	0 15	20 1	2 30	15 20	15 11	20 29	6 50	2 9
S 10	17 1	5n14	2 6	10 18	1 49	24 34	1 28	6 33	1 36	11 38	1 3	8 57	2 4	11 45	0 46	15 6	0 15	20 1	2 30	15 20	15 10	20 31	6 49	2 8
M11	17 18	10 34	1 3	10 11	1 59	24 41	1 30	6 20	1 37	11 42	1 3	8 57	2 3	11 45	0 46	15 6	0 15	20 1	2 30	15 20	15 9	20 34	6 48	2 8
T 12	17 35	15 29	0n 2	10 9	2 6	24 47	1 33	6 7	1 37	11 46	1 3	8 57	2 3	11 45	0 46	15 6	0 15	20 1	2 30	15 20	15 8	20 36	6 47	2 8
W13	17 51	19 49	1 7	10 12	2 12	24 53	1 35	5 55	1 38	11 51	1 3	8 57	2 3	11 45	0 46	15 6	0 15	20 1	2 30	15 20	15 7	20 39	6 46	2 8
T 14	18 7	23 22	2 9	10 20	2 16	24 58	1 37	5 42	1 38	11 55	1 3	8 57	2 3	11 45	0 46	15 6	0 15	20 1	2 30	15 20	15 6	20 41	6 45	2 8
F 15	18 22	25 55	3 6	10 32	2 18	25 2	1 39	5 29	1 39	11 59	1 3	8 57	2 3	11 45	0 46	15 6	0 15	20 1	2 30	15 19	15 5	20 43	6 44	2 8
S 16	18 37	27 20	3 55	10 47	2 20	25 6	1 41	5 16	1 39	12 3	1 3	8 57	2 3	11 45	0 46	15 5	0 15	20 1	2 30	15 19	15 4	20 46	6 44	2 8
S 17	18 52	27 28	4 34	11 5	2 20	25 8	1 43	5 3	1 40	12 8	1 3	8 57	2 3	11 44	0 46	15 5	0 15	20 1	2 30	15 18	15 3	20 48	6 43	2 7
M18	19 7	26 18	5 1	11 26	2 19	25 10	1 45	4 50	1 40	12 12	1 3	8 57	2 2	11 44	0 46	15 5	0 15	20 1	2 30	15 18	15 2	20 51	6 42	2 7
T 19	19 21	23 50	5 15	11 50	2 17	25 12	1 47	4 37	1 41	12 16	1 3	8 56	2 2	11 44	0 46	15 5	0 15	20 2	2 30	15 17	15 1	20 53	6 41	2 7
W20	19 35	20 12	5 14	12 15	2 14	25 12	1 49	4 24	1 41	12 20	1 3	8 56	2 2	11 44	0 46	15 5	0 15	20 2	2 30	15 17	15 0	20 55	6 40	2 7
T 21	19 49	15 31	4 57	12 42	2 11	25 12	1 51	4 12	1 42	12 24	1 3	8 56	2 2	11 44	0 46	15 5	0 15	20 2	2 30	15 17	14 59	20 58	6 39	2 7
F 22	20 2	9 58	4 24	13 10	2 7	25 11	1 52	3 59	1 42	12 28	1 3	8 55	2 2	11 43	0 46	15 4	0 15	20 2	2 30	15 17	14 58	21 0	6 39	2 7
S 23	20 14	3 47	3 35	13 39	2 2	25 9	1 54	3 46	1 43	12 32	1 3	8 55	2 2	11 43	0 46	15 4	0 15	20 2	2 30	15 17	14 57	21 2	6 38	2 6
S 24	20 27	2s48	2 32	14 8	1 57	25 7	1 56	3 33	1 43	12 36	1 3	8 54	2 1	11 43	0 46	15 4	0 15	20 2	2 30	15 18	14 56	21 5	6 37	2 6
M25	20 39	9 25	1 17	14 38	1 52	25 3	1 57	3 21	1 44	12 40	1 3	8 54	2 1	11 43	0 46	15 4	0 15	20 2	2 30	15 18	14 55	21 7	6 36	2 6
T 26	20 51	15 41	0s 5	15 8	1 46	24 59	1 59	3 8	1 44	12 44	1 3	8 53	2 1	11 42	0 46	15 3	0 15	20 2	2 30	15 18	14 54	21 9	6 36	2 6
W27	21 2	21 4	1 28	15 38	1 40	24 55	2 0	2 55	1 45	12 48	1 3	8 53	2 1	11 42	0 46	15 3	0 15	20 2	2 30	15 18	14 53	21 12	6 35	2 6
T 28	21 13	25 3	2 44	16 9	1 34	24 49	2 1	2 43	1 45	12 52	1 3	8 52	2 1	11 42	0 46	15 3	0 15	20 3	2 30	15 18	14 52	21 14	6 34	2 6
F 29	21 23	27 13	3 49	16 39	1 27	24 43	2 2	2 30	1 46	12 56	1 3	8 51	2 1	11 41	0 46	15 3	0 15	20 3	2 30	15 17	14 51	21 16	6 33	2 5
S 30	21s33	27s22	4s36	17s 8	1n20	24s36	2s 3	2n18	1n46	13s 0	1n 3	8s51	2s 0	11s41	0s45	15s 2	0s15	20n 3	2s29	15n15	14n50	21n19	6n33	2n 5

Julian Day Number = 2514305.5, Delta T = 137.92 sec
Ecliptic obliquity = 23°25'08, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°08'29, Lahiri = 26°15'30

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2171
geocentric

DECEMBER 2171 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 39 0	8♐36'29	27♉29	24♏13	16♉20	28♍51	7♏42	12♓12	1♓24	20♒ 0	15°R28	11°R24	10♉ 3	28♉20	11°R41	S 1
M 2	4 42 56	9°37'15	11♒31	25°44	17°33	29°24	7°54	12°14	1°25	20° 1	15♋27	11♉20	10° 0	28°27	11♈40	M 2
T 3	4 46 53	10°38'02	25° 4	27°16	18°45	29°56	8° 6	12°15	1°26	20° 3	15°26	11°18	9°57	28°33	11°39	T 3
W 4	4 50 50	11°38'50	8♓ 9	28°48	19°58	0♎28	8°18	12°17	1°27	20° 4	15°25	11°D17	9°54	28°40	11°38	W 4
T 5	4 54 46	12°39'39	20°51	0♐21	21°10	1° 1	8°30	12°19	1°29	20° 5	15°24	11°17	9°51	28°47	11°37	T 5
F 6	4 58 43	13°40'29	3♈12	1°53	22°23	1°33	8°42	12°21	1°30	20° 6	15°23	11°19	9°47	28°53	11°36	F 6
S 7	5 2 39	14°41'19	15°19	3°26	23°35	2° 4	8°54	12°23	1°31	20° 7	15°22	11°20	9°44	29° 0	11°35	S 7
S 8	5 6 36	15°42'11	27°15	4°59	24°47	2°36	9° 5	12°26	1°33	20° 8	15°21	11°22	9°41	29° 7	11°34	S 8
M 9	5 10 32	16°43'03	9♉ 4	6°32	26° 0	3° 8	9°17	12°28	1°34	20° 9	15°20	11°R23	9°38	29°13	11°33	M 9
T 10	5 14 29	17°43'57	20°51	8° 5	27°12	3°39	9°29	12°31	1°35	20°11	15°19	11°22	9°35	29°20	11°32	T 10
W11	5 18 25	18°44'51	2♊39	9°39	28°24	4°11	9°40	12°33	1°37	20°12	15°18	11°20	9°31	29°27	11°32	W11
T 12	5 22 22	19°45'46	14°30	11°12	29°36	4°42	9°52	12°36	1°38	20°13	15°17	11°16	9°28	29°33	11°31	T 12
F 13	5 26 19	20°46'42	26°26	12°45	0♒48	5°13	10° 3	12°39	1°40	20°15	15°16	11°10	9°25	29°40	11°31	F 13
S 14	5 30 15	21°47'39	8♋29	14°19	2° 0	5°44	10°14	12°42	1°42	20°16	15°14	11° 2	9°22	29°47	11°30	S 14
S 15	5 34 12	22°48'37	20°40	15°52	3°12	6°15	10°26	12°45	1°43	20°17	15°13	10°54	9°19	29°53	11°30	S 15
M16	5 38 8	23°49'36	3♌ 1	17°26	4°24	6°46	10°37	12°48	1°45	20°19	15°12	10°46	9°16	29°59	11°29	M16
T 17	5 42 5	24°50'36	15°32	18°59	5°35	7°16	10°48	12°51	1°47	20°20	15°11	10°39	9°12	0♊ 6	11°29	T 17
W18	5 46 1	25°51'37	28°16	20°33	6°47	7°47	10°59	12°54	1°49	20°22	15°10	10°34	9° 9	0°13	11°28	W18
T 19	5 49 58	26°52'38	11♍16	22° 7	7°59	8°17	11°10	12°57	1°51	20°23	15° 9	10°30	9° 6	0°20	11°28	T 19
F 20	5 53 54	27°53'41	24°32	23°41	9°10	8°47	11°21	13° 1	1°52	20°25	15° 8	10°D29	9° 3	0°26	11°28	F 20
S 21	5 57 51	28°54'44	8♎ 8	25°15	10°21	9°17	11°32	13° 4	1°54	20°26	15° 6	10°29	9° 0	0°33	11°28	S 21
S 22	6 1 48	29°55'49	22° 5	26°49	11°33	9°47	11°42	13° 8	1°56	20°28	15° 5	10°30	8°57	0°40	11°28	S 22
M23	6 5 44	0♑56'54	6♏24	28°23	12°44	10°17	11°53	13°12	1°58	20°30	15° 4	10°R31	8°53	0°46	11°D28	M23
T 24	6 9 41	1°58'01	21° 2	29°58	13°55	10°46	12° 4	13°16	2° 1	20°31	15° 3	10°31	8°50	0°53	11°28	T 24
W25	6 13 37	2°59'08	5♐57	1♑33	15° 6	11°15	12°14	13°19	2° 3	20°33	15° 2	10°28	8°47	1° 0	11°28	W25
T 26	6 17 34	4° 0'16	21° 0	3° 8	16°17	11°45	12°24	13°23	2° 5	20°35	15° 0	10°23	8°44	1° 6	11°28	T 26
F 27	6 21 30	5° 1'24	6♑ 3	4°43	17°28	12°14	12°35	13°27	2° 7	20°36	14°59	10°16	8°41	1°13	11°28	F 27
S 28	6 25 27	6° 2'33	20°56	6°18	18°39	12°42	12°45	13°32	2° 9	20°38	14°58	10° 7	8°37	1°20	11°28	S 28
S 29	6 29 23	7° 3'42	5♒31	7°54	19°50	13°11	12°55	13°36	2°12	20°40	14°57	9°57	8°34	1°26	11°29	S 29
M30	6 33 20	8° 4'51	19°41	9°30	21° 0	13°39	13° 5	13°40	2°14	20°42	14°55	9°48	8°31	1°33	11°29	M30
T 31	6 37 17	9♑ 6'00	3♓22	11♑ 6	22♒11	14♎ 8	13♏15	13♓45	2♓16	20♒43	14♋54	9♉41	8♉28	1♊40	11♈30	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s43	25s37	5s 5	17s37	1n13	24s29	2s 4	2n 5	1n47	13s 4	1n 3	8s50	2s 0	11s41	0s45	15s 2	0s15	20n 3	2s29	15n14	14n49	21n21	6n32	2n 5
M 2	21 52	22 20	5 14	18 6	1 6	24 20	2 5	1 53	1 47	13 8	1 3	8 49	2 0	11 40	0 45	15 2	0 15	20 3	2 29	15 13	14 48	21 23	6 32	2 5
T 3	22 1	17 56	5 5	18 34	0 59	24 11	2 6	1 40	1 48	13 12	1 3	8 48	2 0	11 40	0 45	15 1	0 15	20 3	2 29	15 12	14 47	21 26	6 31	2 5
W 4	22 10	12 50	4 40	19 2	0 52	24 2	2 7	1 28	1 48	13 16	1 4	8 47	2 0	11 39	0 45	15 1	0 15	20 3	2 29	15 12	14 46	21 28	6 30	2 5
T 5	22 18	7 20	4 2	19 28	0 45	23 51	2 8	1 16	1 49	13 19	1 4	8 47	2 0	11 39	0 45	15 1	0 15	20 3	2 29	15 12	14 45	21 30	6 30	2 4
F 6	22 25	1 42	3 14	19 54	0 38	23 40	2 8	1 4	1 49	13 23	1 4	8 46	1 59	11 38	0 45	15 0	0 15	20 4	2 29	15 13	14 44	21 32	6 29	2 4
S 7	22 32	3n54	2 18	20 19	0 31	23 29	2 9	0 52	1 50	13 27	1 4	8 45	1 59	11 38	0 45	15 0	0 15	20 4	2 29	15 13	14 43	21 35	6 29	2 4
S 8	22 39	9 17	1 17	20 43	0 24	23 16	2 9	0 39	1 51	13 30	1 4	8 44	1 59	11 37	0 45	15 0	0 15	20 4	2 29	15 14	14 42	21 37	6 28	2 4
M 9	22 45	14 18	0 13	21 7	0 16	23 3	2 10	0 27	1 51	13 34	1 4	8 43	1 59	11 37	0 45	14 59	0 15	20 4	2 29	15 14	14 41	21 39	6 28	2 4
T 10	22 51	18 47	0n52	21 29	0 9	22 49	2 10	0 15	1 52	13 38	1 4	8 41	1 59	11 36	0 45	14 59	0 15	20 4	2 29	15 14	14 40	21 42	6 27	2 3
W11	22 57	22 32	1 53	21 50	0 2	22 35	2 10	0 3	1 52	13 41	1 4	8 40	1 59	11 36	0 45	14 58	0 15	20 4	2 29	15 13	14 39	21 44	6 27	2 3
T 12	23 1	25 20	2 50	22 11	0s 5	22 20	2 10	0s 8	1 53	13 45	1 4	8 39	1 59	11 35	0 45	14 58	0 15	20 4	2 29	15 12	14 38	21 46	6 26	2 3
F 13	23 6	27 3	3 40	22 30	0 11	22 4	2 10	0 20	1 53	13 48	1 4	8 38	1 58	11 34	0 45	14 57	0 15	20 5	2 29	15 10	14 37	21 48	6 26	2 3
S 14	23 10	27 29	4 21	22 48	0 18	21 48	2 10	0 32	1 54	13 52	1 4	8 37	1 58	11 34	0 45	14 57	0 15	20 5	2 29	15 8	14 36	21 51	6 26	2 3
S 15	23 13	26 36	4 50	23 5	0 25	21 31	2 9	0 44	1 54	13 55	1 4	8 35	1 58	11 33	0 45	14 57	0 15	20 5	2 29	15 5	14 35	21 53	6 25	2 3
M16	23 16	24 25	5 6	23 21	0 31	21 14	2 9	0 55	1 55	13 58	1 4	8 34	1 58	11 33	0 45	14 56	0 15	20 5	2 29	15 3	14 34	21 55	6 25	2 2
T 17	23 19	21 3	5 8	23 36	0 38	20 56	2 9	1 7	1 55	14 2	1 4	8 33	1 58	11 32	0 45	14 56	0 15	20 5	2 29	15 0	14 33	21 57	6 25	2 2
W18	23 21	16 39	4 54	23 49	0 44	20 38	2 8	1 18	1 56	14 5	1 5	8 31	1 58	11 31	0 45	14 55	0 15	20 5	2 29	14 59	14 32	21 59	6 24	2 2
T 19	23 23	11 26	4 26	24 1	0 50	20 19	2 7	1 30	1 56	14 8	1 5	8 30	1 58	11 30	0 45	14 55	0 15	20 6	2 29	14 58	14 31	22 2	6 24	2 2
F 20	23 24	5 34	3 42	24 12	0 56	19 59	2 7	1 41	1 57	14 12	1 5	8 28	1 57	11 30	0 45	14 54	0 15	20 6	2 29	14 57	14 30	22 4	6 24	2 2
S 21	23 25	0s41	2 46	24 22	1 2	19 39	2 6	1 52	1 58	14 15	1 5	8 27	1 57	11 29	0 45	14 54	0 15	20 6	2 29	14 57	14 29	22 6	6 24	2 1
S 22	23 25	7 5	1 38	24 31	1 8	19 18	2 5	2 4	1 58	14 18	1 5	8 25	1 57	11 28	0 45	14 53	0 15	20 6	2 29	14 58	14 28	22 8	6 23	2 1
M23	23 25	13 17	0 22	24 38	1 13	18 57	2 4	2 15	1 59	14 21	1 5	8 24	1 57	11 28	0 45	14 53	0 15	20 6	2 29	14 58	14 27	22 10	6 23	2 1
T 24	23 24	18 54	0s56	24 44	1 19	18 35	2 2	2 26	1 59	14 24	1 5	8 22	1 57	11 27	0 45	14 52	0 15	20 6	2 29	14 58	14 26	22 13	6 23	2 1
W25	23 23	23 27	2 12	24 48	1 24	18 13	2 1	2 37	2 0	14 28	1 5	8 21	1 57	11 26	0 45	14 52	0 15	20 7	2 29	14 57	14 25	22 15	6 23	2 1
T 26	23 21	26 26	3 20	24 51	1 29	17 51	2 0	2 48	2 0	14 31	1 5	8 19	1 57	11 25	0 45	14 51	0 15	20 7	2 29	14 55	14 24	22 17	6 23	2 1
F 27	23 19	27 30	4 13	24 53	1 33	17 28	1 58	2 58	2 1	14 34	1 5	8 17	1 56	11 24	0 45	14 51	0 15	20 7	2 29	14 53	14 23	22 19	6 23	2 0
S 28	23 17	26 32	4 49	24 54	1 38	17 4	1 57	3 9	2 1	14 37	1 6	8 16	1 56	11 24	0 45	14 50	0 15	20 7	2 29	14 50	14 22	22 21	6 23	2 0
S 29	23 14	23 47	5 4	24 53	1 42	16 40	1 55	3 20	2 2	14 39	1 6	8 14	1 56	11 23	0 45	14 50	0 15	20 7	2 28	14 47	14 21	22 24	6 23	2 0
M30	23 10	19 39	5 1	24 50	1 46	16 16	1 53	3 30	2 3	14 42	1 6	8 12	1 56	11 22	0 44	14 49	0 15	20 8	2 28	14 44	14 20	22 26	6 23	2 0
T 31	23s 6	14s36	4s40	24s46	1s49	15s51	1s51	3s40	2n 3	14s45	1n 6	8s10	1s56	11s21	0s44	14s48	0s15	20n 8	2s28	14n42	14n19	22n28	6n23	2n 0

Julian Day Number = 2514335.5, Delta T = 137.99 sec
Ecliptic obliquity = 23°25'07, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°08'33, Lahiri = 26°15'34

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2172
geocentric

JANUARY 2172 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 41 13	10♉ 7'09	16♓35	12♉42	23♒21	14♎36	13♏24	13♓49	2♓19	20♒45	14°R53	9°R36	8♉25	1♊46	11♈30	W 1
T 2	6 45 10	11° 8'18	29°21	14°19	24°31	15° 4	13°34	13°54	2°21	20°47	14♋52	9♉33	8°22	1°53	11°31	T 2
F 3	6 49 6	12° 9'27	11♈45	15°56	25°41	15°31	13°44	13°58	2°24	20°49	14°50	9°D32	8°18	2° 0	11°31	F 3
S 4	6 53 3	13°10'35	23°51	17°33	26°51	15°59	13°53	14° 3	2°26	20°51	14°49	9°33	8°15	2° 6	11°32	S 4
S 5	6 56 59	14°11'44	5♉46	19°11	28° 1	16°26	14° 2	14° 8	2°29	20°53	14°48	9°R33	8°12	2°13	11°33	S 5
M 6	7 0 56	15°12'52	17°34	20°49	29°11	16°53	14°12	14°13	2°31	20°55	14°47	9°33	8° 9	2°20	11°33	M 6
T 7	7 4 52	16°14'00	29°20	22°27	0♓20	17°20	14°21	14°18	2°34	20°57	14°45	9°31	8° 6	2°26	11°34	T 7
W 8	7 8 49	17°15'08	11♊10	24° 5	1°30	17°47	14°30	14°23	2°36	20°59	14°44	9°26	8° 3	2°33	11°35	W 8
T 9	7 12 46	18°16'16	23° 5	25°44	2°39	18°13	14°39	14°28	2°39	21° 1	14°43	9°19	7°59	2°40	11°36	T 9
F 10	7 16 42	19°17'24	5♋10	27°23	3°48	18°39	14°47	14°33	2°42	21° 3	14°42	9° 9	7°56	2°46	11°37	F 10
S 11	7 20 39	20°18'31	17°25	29° 2	4°57	19° 5	14°56	14°38	2°45	21° 5	14°41	8°56	7°53	2°53	11°38	S 11
S 12	7 24 35	21°19'39	29°51	0♒41	6° 6	19°31	15° 5	14°44	2°47	21° 7	14°39	8°43	7°50	3° 0	11°39	S 12
M13	7 28 32	22°20'46	12♌28	2°21	7°14	19°56	15°13	14°49	2°50	21° 9	14°38	8°30	7°47	3° 6	11°40	M13
T 14	7 32 28	23°21'53	25°17	4° 0	8°23	20°21	15°21	14°54	2°53	21°11	14°37	8°17	7°43	3°13	11°41	T 14
W15	7 36 25	24°22'59	8♍17	5°40	9°31	20°46	15°30	15° 0	2°56	21°13	14°36	8° 8	7°40	3°20	11°43	W15
T 16	7 40 22	25°24'06	21°29	7°19	10°39	21°11	15°38	15° 6	2°59	21°15	14°34	8° 1	7°37	3°26	11°44	T 16
F 17	7 44 18	26°25'12	4♎51	8°58	11°47	21°36	15°46	15°11	3° 2	21°17	14°33	7°57	7°34	3°33	11°45	F 17
S 18	7 48 15	27°26'19	18°27	10°37	12°54	22° 0	15°53	15°17	3° 5	21°19	14°32	7°55	7°31	3°40	11°47	S 18
S 19	7 52 11	28°27'25	2♏16	12°15	14° 2	22°24	16° 1	15°23	3° 8	21°21	14°31	7°55	7°28	3°46	11°48	S 19
M20	7 56 8	29°28'31	16°20	13°53	15° 9	22°47	16° 9	15°28	3°11	21°23	14°29	7°55	7°24	3°53	11°50	M20
T 21	8 0 4	0♒29'37	0♐38	15°29	16°16	23°11	16°16	15°34	3°14	21°25	14°28	7°53	7°21	4° 0	11°51	T 21
W22	8 4 1	1°30'43	15° 8	17° 4	17°23	23°34	16°23	15°40	3°17	21°28	14°27	7°49	7°18	4° 6	11°53	W22
T 23	8 7 57	2°31'48	29°47	18°37	18°29	23°56	16°30	15°46	3°20	21°30	14°26	7°43	7°15	4°13	11°55	T 23
F 24	8 11 54	3°32'53	14♑28	20° 9	19°36	24°19	16°37	15°52	3°23	21°32	14°25	7°33	7°12	4°19	11°56	F 24
S 25	8 15 51	4°33'58	29° 4	21°38	20°42	24°41	16°44	15°59	3°26	21°34	14°24	7°21	7° 9	4°26	11°58	S 25
S 26	8 19 47	5°35'01	13♒27	23° 4	21°48	25° 3	16°51	16° 5	3°29	21°36	14°22	7° 9	7° 5	4°33	12° 0	S 26
M27	8 23 44	6°36'04	27°31	24°26	22°53	25°24	16°57	16°11	3°32	21°39	14°21	6°56	7° 2	4°39	12° 2	M27
T 28	8 27 40	7°37'06	11♓11	25°44	23°58	25°45	17° 4	16°17	3°35	21°41	14°20	6°46	6°59	4°46	12° 4	T 28
W29	8 31 37	8°38'07	24°26	26°58	25° 3	26° 6	17°10	16°24	3°39	21°43	14°19	6°38	6°56	4°53	12° 6	W29
T 30	8 35 33	9°39'07	7♈15	28° 6	26° 8	26°26	17°16	16°30	3°42	21°45	14°18	6°32	6°53	4°59	12° 8	T 30
F 31	8 39 30	10♒40'06	19♈42	29♒ 7	27♓13	26♎46	17♏22	16♓36	3♓45	21♒48	14♋17	6♉30	6♉49	5♊ 6	12♈10	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23s 2	9s 3	4s 4	24s41	1s53	15s26	1s49	3s51	2n 4	14s48	1n 6	8s 8	1s56	11s20	0s44	14s48	0s15	20n 8	2s28	14n41	14n18	22n30	6n23	1n59
T 2	22 57	3 17	3 18	24 34	1 56	15 1	1 47	4 1	2 4	14 51	1 6	8 6	1 56	11 19	0 44	14 47	0 15	20 8	2 28	14 40	14 17	22 32	6 23	1 59
F 3	22 52	2n27	2 23	24 26	1 59	14 35	1 44	4 11	2 5	14 54	1 6	8 5	1 55	11 18	0 44	14 47	0 15	20 8	2 28	14 39	14 16	22 34	6 23	1 59
S 4	22 46	7 58	1 23	24 16	2 1	14 9	1 42	4 21	2 5	14 56	1 6	8 3	1 55	11 17	0 44	14 46	0 15	20 8	2 28	14 40	14 15	22 36	6 23	1 59
S 5	22 40	13 7	0 20	24 5	2 3	13 42	1 39	4 31	2 6	14 59	1 6	8 1	1 55	11 16	0 44	14 45	0 15	20 9	2 28	14 40	14 14	22 39	6 23	1 59
M 6	22 33	17 44	0n43	23 52	2 5	13 15	1 37	4 41	2 7	15 2	1 7	7 59	1 55	11 15	0 44	14 45	0 15	20 9	2 28	14 40	14 13	22 41	6 23	1 59
T 7	22 26	21 40	1 43	23 38	2 6	12 48	1 34	4 50	2 7	15 4	1 7	7 57	1 55	11 14	0 44	14 44	0 15	20 9	2 28	14 39	14 12	22 43	6 23	1 58
W 8	22 18	24 44	2 40	23 22	2 7	12 21	1 31	5 0	2 8	15 7	1 7	7 55	1 55	11 13	0 44	14 44	0 15	20 9	2 28	14 37	14 11	22 45	6 23	1 58
T 9	22 10	26 44	3 30	23 4	2 8	11 53	1 28	5 10	2 8	15 9	1 7	7 53	1 55	11 12	0 44	14 43	0 15	20 9	2 28	14 35	14 10	22 47	6 24	1 58
F 10	22 2	27 29	4 10	22 46	2 8	11 25	1 25	5 19	2 9	15 12	1 7	7 50	1 55	11 11	0 44	14 42	0 15	20 10	2 28	14 32	14 9	22 49	6 24	1 58
S 11	21 53	26 55	4 40	22 25	2 8	10 57	1 22	5 28	2 9	15 14	1 7	7 48	1 55	11 10	0 44	14 42	0 15	20 10	2 28	14 28	14 8	22 51	6 24	1 58
S 12	21 44	25 0	4 57	22 3	2 7	10 29	1 18	5 37	2 10	15 16	1 7	7 46	1 54	11 9	0 44	14 41	0 15	20 10	2 28	14 24	14 7	22 53	6 24	1 58
M13	21 34	21 51	5 0	21 40	2 6	10 0	1 15	5 46	2 11	15 19	1 7	7 44	1 54	11 8	0 44	14 40	0 15	20 10	2 28	14 19	14 6	22 55	6 25	1 57
T 14	21 24	17 36	4 48	21 15	2 4	9 31	1 11	5 55	2 11	15 21	1 8	7 42	1 54	11 7	0 44	14 40	0 15	20 10	2 28	14 15	14 4	22 58	6 25	1 57
W15	21 13	12 29	4 21	20 48	2 2	9 2	1 8	6 4	2 12	15 23	1 8	7 40	1 54	11 6	0 44	14 39	0 15	20 11	2 27	14 12	14 3	23 0	6 25	1 57
T 16	21 2	6 44	3 39	20 21	1 59	8 33	1 4	6 13	2 12	15 25	1 8	7 37	1 54	11 5	0 44	14 38	0 15	20 11	2 27	14 10	14 2	23 2	6 26	1 57
F 17	20 51	0 36	2 45	19 51	1 55	8 4	1 0	6 21	2 13	15 27	1 8	7 35	1 54	11 4	0 44	14 38	0 15	20 11	2 27	14 9	14 1	23 4	6 26	1 57
S 18	20 39	5s40	1 41	19 21	1 51	7 34	0 56	6 30	2 13	15 30	1 8	7 33	1 54	11 3	0 44	14 37	0 15	20 11	2 27	14 8	14 0	23 6	6 26	1 56
S 19	20 27	11 47	0 30	18 49	1 46	7 4	0 52	6 38	2 14	15 32	1 8	7 30	1 54	11 2	0 44	14 36	0 15	20 11	2 27	14 8	13 59	23 8	6 27	1 56
M20	20 15	17 25	0s44	18 16	1 41	6 35	0 48	6 46	2 15	15 34	1 8	7 28	1 54	11 1	0 44	14 36	0 15	20 12	2 27	14 8	13 58	23 10	6 27	1 56
T 21	20 2	22 10	1 57	17 41	1 35	6 5	0 43	6 54	2 15	15 36	1 9	7 26	1 54	11 0	0 44	14 35	0 15	20 12	2 27	14 8	13 57	23 12	6 28	1 56
W22	19 48	25 37	3 3	17 6	1 28	5 35	0 39	7 2	2 16	15 37	1 9	7 23	1 53	10 59	0 44	14 34	0 15	20 12	2 27	14 6	13 56	23 14	6 28	1 56
T 23	19 35	27 23	3 58	16 30	1 20	5 4	0 34	7 10	2 16	15 39	1 9	7 21	1 53	10 58	0 44	14 34	0 15	20 12	2 27	14 4	13 55	23 16	6 29	1 56
F 24	19 21	27 13	4 36	15 53	1 11	4 34	0 29	7 18	2 17	15 41	1 9	7 18	1 53	10 56	0 44	14 33	0 15	20 12	2 27	14 1	13 54	23 18	6 29	1 55
S 25	19 6	25 10	4 57	15 16	1 2	4 4	0 25	7 25	2 18	15 43	1 9	7 16	1 53	10 55	0 44	14 32	0 15	20 13	2 27	13 57	13 53	23 20	6 30	1 55
S 26	18 52	21 32	4 58	14 38	0 52	3 33	0 20	7 32	2 18	15 45	1 9	7 14	1 53	10 54	0 44	14 32	0 15	20 13	2 27	13 53	13 52	23 22	6 30	1 55
M27	18 36	16 43	4 41	14 0	0 40	3 3	0 15	7 40	2 19	15 46	1 10	7 11	1 53	10 53	0 44	14 31	0 15	20 13	2 27	13 49	13 51	23 24	6 31	1 55
T 28	18 21	11 11	4 8	13 22	0 28	2 32	0 10	7 47	2 19	15 48	1 10	7 9	1 53	10 52	0 44	14 30	0 15	20 13	2 26	13 46	13 50	23 26	6 31	1 55
W29	18 5	5 19	3 23	12 45	0 15	2 2	0 5	7 54	2 20	15 50	1 10	7 6	1 53	10 51	0 44	14 30	0 15	20 13	2 26	13 43	13 49	23 28	6 32	1 55
T 30	17 49	0n36	2 28	12 9	0 2	1 31	0n 1	8 1	2 20	15 51	1 10	7 3	1 53	10 49	0 44	14 29	0 15	20 14	2 26	13 41	13 48	23 30	6 33	1 54
F 31	17s33	6n21	1s28	11s34	0n13	1s 1	0n 6	8s 7	2n21	15s53	1n10	7s 1	1s53	10s48	0s44	14s28	0s15	20n14	2s26	13n40	13n47	23n32	6n33	1n54

Julian Day Number = 2514366.5, Delta T = 138.06 sec
Ecliptic obliquity = 23°25'08, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°08'38, Lahiri = 26°15'38

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2172
geocentric

FEBRUARY 2172 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 43 26	11♒41'04	1♉51	0♓ 1	28♓17	27♎ 6	17♏28	16♓43	3♓48	21♒50	14°R16	6°R29	6♉46	5♊13	12♈12	S 1
S 2	8 47 23	12°42'00	13°48	0°47	29°21	27°25	17°33	16°49	3°52	21°52	14♋15	6♉29	6°43	5°19	12°14	S 2
M 3	8 51 20	13°42'55	25°37	1°25	0♈24	27°44	17°39	16°56	3°55	21°54	14°14	6°29	6°40	5°26	12°16	M 3
T 4	8 55 16	14°43'50	7♊25	1°52	1°27	28° 3	17°44	17° 3	3°58	21°57	14°12	6°27	6°37	5°33	12°18	T 4
W 5	8 59 13	15°44'42	19°16	2°10	2°30	28°21	17°49	17° 9	4° 1	21°59	14°11	6°22	6°34	5°39	12°21	W 5
T 6	9 3 9	16°45'34	1♋16	2°R16	3°32	28°38	17°54	17°16	4° 5	22° 1	14°10	6°15	6°30	5°46	12°23	T 6
F 7	9 7 6	17°46'24	13°27	2°12	4°34	28°56	17°59	17°23	4° 8	22° 3	14° 9	6° 5	6°27	5°53	12°25	F 7
S 8	9 11 2	18°47'13	25°53	1°57	5°36	29°13	18° 3	17°29	4°11	22° 6	14° 8	5°53	6°24	5°59	12°28	S 8
S 9	9 14 59	19°48'01	8♌34	1°30	6°37	29°29	18° 8	17°36	4°15	22° 8	14° 7	5°40	6°21	6° 6	12°30	S 9
M10	9 18 55	20°48'48	21°31	0°53	7°38	29°45	18°12	17°43	4°18	22°10	14° 6	5°27	6°18	6°13	12°33	M10
T 11	9 22 52	21°49'33	4♍41	0° 7	8°38	0♏ 0	18°16	17°50	4°22	22°13	14° 5	5°15	6°15	6°19	12°35	T 11
W12	9 26 49	22°50'17	18° 5	29♒13	9°38	0°15	18°20	17°57	4°25	22°15	14° 5	5° 5	6°11	6°26	12°38	W12
T 13	9 30 45	23°51'00	1♎38	28°12	10°38	0°30	18°24	18° 4	4°28	22°17	14° 4	4°58	6° 8	6°33	12°40	T 13
F 14	9 34 42	24°51'41	15°21	27° 6	11°37	0°44	18°28	18°11	4°32	22°19	14° 3	4°54	6° 5	6°39	12°43	F 14
S 15	9 38 38	25°52'22	29°10	25°56	12°35	0°58	18°31	18°18	4°35	22°22	14° 2	4°D53	6° 2	6°46	12°46	S 15
S 16	9 42 35	26°53'01	13♏ 6	24°46	13°33	1°11	18°34	18°25	4°39	22°24	14° 1	4°53	5°59	6°53	12°48	S 16
M17	9 46 31	27°53'40	27° 8	23°36	14°31	1°23	18°37	18°32	4°42	22°26	14° 0	4°R53	5°55	6°59	12°51	M17
T 18	9 50 28	28°54'18	11♐16	22°29	15°28	1°35	18°40	18°39	4°46	22°28	13°59	4°52	5°52	7° 6	12°54	T 18
W19	9 54 24	29°54'54	25°27	21°26	16°24	1°47	18°43	18°46	4°49	22°31	13°58	4°50	5°49	7°13	12°57	W19
T 20	9 58 21	0♓55'29	9♑41	20°28	17°20	1°58	18°46	18°53	4°52	22°33	13°58	4°45	5°46	7°19	12°59	T 20
F 21	10 2 18	1°56'03	23°55	19°36	18°15	2° 8	18°48	19° 0	4°56	22°35	13°57	4°37	5°43	7°26	13° 2	F 21
S 22	10 6 14	2°56'36	8♒ 3	18°51	19°10	2°18	18°50	19° 8	4°59	22°38	13°56	4°27	5°40	7°33	13° 5	S 22
S 23	10 10 11	3°57'07	22° 1	18°14	20° 4	2°27	18°52	19°15	5° 3	22°40	13°55	4°17	5°36	7°39	13° 8	S 23
M24	10 14 7	4°57'37	5♓44	17°43	20°57	2°36	18°54	19°22	5° 6	22°42	13°55	4° 6	5°33	7°46	13°11	M24
T 25	10 18 4	5°58'05	19°10	17°21	21°49	2°44	18°56	19°29	5°10	22°44	13°54	3°57	5°30	7°53	13°14	T 25
W26	10 22 0	6°58'31	2♈15	17° 6	22°41	2°51	18°57	19°37	5°13	22°46	13°53	3°51	5°27	7°59	13°17	W26
T 27	10 25 57	7°58'55	15° 0	16°58	23°32	2°58	18°58	19°44	5°17	22°49	13°52	3°46	5°24	8° 6	13°20	T 27
F 28	10 29 53	8°59'18	27°26	16°D57	24°23	3° 4	18°59	19°51	5°20	22°51	13°52	3°44	5°21	8°13	13°23	F 28
S 29	10 33 50	9♓59'39	9♉36	17♒ 3	25♈12	3♏ 9	19♏ 0	19♓59	5♓24	22♒53	13♋51	3°D44	5♉17	8♊19	13♈26	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s16	11n43	0s25	11s 1	0n28	0s30	0n12	8s14	2n22	15s54	1n10	6s58	1s53	10s47	0s44	14s27	0s15	20n14	2s26	13n40	13n46	23n34	6n34	1n54
S 2	16 59	16 35	0n39	10 30	0 44	0n 0	0 17	8 20	2 22	15 56	1 11	6 56	1 53	10 46	0 44	14 27	0 15	20 14	2 26	13 40	13 45	23 36	6 35	1 54
M 3	16 42	20 46	1 40	10 1	1 1	0 31	0 23	8 26	2 23	15 57	1 11	6 53	1 53	10 45	0 44	14 26	0 15	20 14	2 26	13 40	13 44	23 38	6 35	1 54
T 4	16 24	24 6	2 36	9 35	1 18	1 1	0 29	8 32	2 23	15 58	1 11	6 50	1 53	10 43	0 44	14 25	0 15	20 15	2 26	13 39	13 43	23 40	6 36	1 54
W 5	16 6	26 24	3 26	9 13	1 35	1 31	0 35	8 38	2 24	15 59	1 11	6 48	1 53	10 42	0 44	14 24	0 15	20 15	2 26	13 38	13 42	23 42	6 37	1 54
T 6	15 48	27 32	4 7	8 55	1 52	2 2	0 41	8 44	2 24	16 1	1 11	6 45	1 52	10 41	0 44	14 24	0 15	20 15	2 26	13 36	13 41	23 44	6 38	1 53
F 7	15 30	27 21	4 38	8 40	2 9	2 32	0 47	8 49	2 25	16 2	1 11	6 42	1 52	10 40	0 44	14 23	0 15	20 15	2 26	13 32	13 40	23 46	6 38	1 53
S 8	15 11	25 48	4 56	8 31	2 25	3 2	0 53	8 55	2 26	16 3	1 12	6 40	1 52	10 39	0 44	14 22	0 15	20 15	2 25	13 28	13 39	23 48	6 39	1 53
S 9	14 52	22 56	5 0	8 25	2 41	3 32	0 59	9 0	2 26	16 4	1 12	6 37	1 52	10 37	0 44	14 22	0 15	20 16	2 25	13 24	13 37	23 50	6 40	1 53
M10	14 33	18 53	4 49	8 25	2 55	4 2	1 5	9 5	2 27	16 5	1 12	6 34	1 52	10 36	0 44	14 21	0 15	20 16	2 25	13 20	13 36	23 52	6 41	1 53
T 11	14 13	13 51	4 23	8 29	3 8	4 31	1 12	9 10	2 27	16 6	1 12	6 32	1 52	10 35	0 44	14 20	0 15	20 16	2 25	13 16	13 35	23 53	6 42	1 53
W12	13 54	8 6	3 41	8 37	3 19	5 1	1 18	9 15	2 28	16 7	1 12	6 29	1 52	10 34	0 44	14 19	0 15	20 16	2 25	13 12	13 34	23 55	6 43	1 52
T 13	13 34	1 54	2 47	8 50	3 29	5 30	1 25	9 19	2 28	16 8	1 12	6 26	1 52	10 32	0 44	14 19	0 15	20 16	2 25	13 10	13 33	23 57	6 44	1 52
F 14	13 13	4s28	1 42	9 6	3 35	6 0	1 32	9 24	2 29	16 9	1 13	6 23	1 52	10 31	0 44	14 18	0 15	20 17	2 25	13 9	13 32	23 59	6 44	1 52
S 15	12 53	10 42	0 30	9 25	3 40	6 29	1 38	9 28	2 29	16 9	1 13	6 21	1 52	10 30	0 44	14 17	0 15	20 17	2 25	13 8	13 31	24 1	6 45	1 52
S 16	12 32	16 27	0s44	9 46	3 42	6 58	1 45	9 32	2 30	16 10	1 13	6 18	1 52	10 29	0 44	14 16	0 15	20 17	2 25	13 8	13 30	24 3	6 46	1 52
M17	12 12	21 23	1 56	10 9	3 42	7 26	1 52	9 36	2 30	16 11	1 13	6 15	1 52	10 27	0 44	14 16	0 15	20 17	2 25	13 8	13 29	24 5	6 47	1 52
T 18	11 51	25 6	3 1	10 33	3 39	7 55	1 59	9 39	2 31	16 11	1 13	6 12	1 52	10 26	0 44	14 15	0 15	20 17	2 25	13 8	13 28	24 7	6 48	1 52
W19	11 30	27 16	3 55	10 57	3 35	8 23	2 6	9 43	2 31	16 12	1 13	6 9	1 52	10 25	0 44	14 14	0 15	20 18	2 24	13 7	13 27	24 9	6 49	1 51
T 20	11 8	27 38	4 35	11 22	3 28	8 51	2 13	9 46	2 32	16 13	1 14	6 7	1 52	10 24	0 44	14 14	0 15	20 18	2 24	13 5	13 26	24 10	6 50	1 51
F 21	10 47	26 12	4 58	11 46	3 20	9 19	2 20	9 49	2 32	16 13	1 14	6 4	1 52	10 22	0 44	14 13	0 15	20 18	2 24	13 3	13 25	24 12	6 51	1 51
S 22	10 25	23 7	5 3	12 9	3 10	9 46	2 28	9 52	2 33	16 13	1 14	6 1	1 52	10 21	0 44	14 12	0 15	20 18	2 24	13 0	13 24	24 14	6 52	1 51
S 23	10 3	18 43	4 49	12 30	3 0	10 13	2 35	9 55	2 33	16 14	1 14	5 58	1 52	10 20	0 44	14 11	0 15	20 18	2 24	12 56	13 23	24 16	6 53	1 51
M24	9 41	13 25	4 19	12 50	2 48	10 40	2 42	9 58	2 34	16 14	1 14	5 55	1 52	10 19	0 44	14 11	0 15	20 18	2 24	12 53	13 22	24 18	6 54	1 51
T 25	9 19	7 35	3 35	13 9	2 36	11 7	2 50	10 0	2 34	16 14	1 15	5 52	1 52	10 17	0 44	14 10	0 15	20 19	2 24	12 50	13 21	24 20	6 55	1 51
W26	8 57	1 33	2 40	13 26	2 23	11 33	2 57	10 2	2 34	16 15	1 15	5 50	1 52	10 16	0 44	14 9	0 15	20 19	2 24	12 47	13 20	24 22	6 56	1 51
T 27	8 34	4n23	1 39	13 40	2 10	11 59	3 5	10 4	2 35	16 15	1 15	5 47	1 52	10 15	0 44	14 9	0 15	20 19	2 24	12 46	13 19	24 23	6 57	1 50
F 28	8 12	10 1	0 34	13 53	1 57	12 25	3 12	10 6	2 35	16 15	1 15	5 44	1 52	10 13	0 44	14 8	0 15	20 19	2 23	12 45	13 18	24 25	6 58	1 50
S 29	7s49	15n10	0n31	14s 4	1n43	12n51	3n20	10s 7	2n35	16s15	1n15	5s41	1s52	10s12	0s44	14s 7	0s15	20n19	2s23	12n45	13n16	24n27	7n 0	1n50

Julian Day Number = 2514397.5, Delta T = 138.13 sec
Ecliptic obliquity = 23°25'08, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°08'42, Lahiri = 26°15'42

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2172
geocentric

MARCH 2172 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 37 47	10♓59'58	21♉34	17♒15	26♈ 1	3♏14	19♏ 1	20♓ 6	5♓27	22♒55	13°R51	3♉45	5♉14	8♊26	13♈30	S 1
M 2	10 41 43	12° 0'15	3♊25	17°33	26°49	3°18	19° 1	20°13	5°30	22°58	13♋50	3°47	5°11	8°33	13°33	M 2
T 3	10 45 40	13° 0'30	15°14	17°56	27°36	3°22	19° 2	20°21	5°34	23° 0	13°49	3°R47	5° 8	8°39	13°36	T 3
W 4	10 49 36	14° 0'43	27° 6	18°24	28°22	3°24	19°R 2	20°28	5°37	23° 2	13°49	3°46	5° 5	8°46	13°39	W 4
T 5	10 53 33	15° 0'54	9♋ 8	18°57	29° 7	3°26	19° 2	20°35	5°41	23° 4	13°48	3°43	5° 1	8°53	13°42	T 5
F 6	10 57 29	16° 1'03	21°22	19°35	29°51	3°28	19° 1	20°43	5°44	23° 6	13°48	3°37	4°58	8°59	13°46	F 6
S 7	11 1 26	17° 1'10	3♌53	20°16	0♉34	3°R28	19° 1	20°50	5°48	23° 8	13°47	3°31	4°55	9° 6	13°49	S 7
S 8	11 5 22	18° 1'15	16°43	21° 2	1°15	3°28	19° 0	20°57	5°51	23°10	13°47	3°23	4°52	9°13	13°52	S 8
M 9	11 9 19	19° 1'18	29°54	21°51	1°56	3°27	19° 0	21° 5	5°54	23°13	13°47	3°15	4°49	9°19	13°56	M 9
T 10	11 13 16	20° 1'18	13♍23	22°43	2°35	3°26	18°59	21°12	5°58	23°15	13°46	3° 7	4°46	9°26	13°59	T 10
W11	11 17 12	21° 1'17	27°10	23°38	3°14	3°23	18°57	21°20	6° 1	23°17	13°46	3° 1	4°42	9°33	14° 2	W11
T 12	11 21 9	22° 1'14	11♎10	24°36	3°50	3°20	18°56	21°27	6° 4	23°19	13°45	2°57	4°39	9°39	14° 6	T 12
F 13	11 25 5	23° 1'10	25°19	25°37	4°26	3°16	18°54	21°34	6° 8	23°21	13°45	2°56	4°36	9°46	14° 9	F 13
S 14	11 29 2	24° 1'03	9♏34	26°41	5° 0	3°12	18°53	21°42	6°11	23°23	13°45	2°D56	4°33	9°53	14°12	S 14
S 15	11 32 58	25° 0'55	23°50	27°47	5°33	3° 6	18°51	21°49	6°14	23°25	13°44	2°57	4°30	9°59	14°16	S 15
M16	11 36 55	26° 0'45	8♐ 5	28°55	6° 4	3° 0	18°49	21°57	6°18	23°27	13°44	2°58	4°26	10° 6	14°19	M16
T 17	11 40 51	27° 0'34	22°17	0♓ 5	6°34	2°53	18°46	22° 4	6°21	23°29	13°44	2°R59	4°23	10°13	14°23	T 17
W18	11 44 48	28° 0'21	6♑23	1°17	7° 2	2°45	18°44	22°11	6°24	23°31	13°44	2°59	4°20	10°19	14°26	W18
T 19	11 48 45	29° 0'07	20°23	2°32	7°29	2°37	18°41	22°19	6°28	23°33	13°43	2°57	4°17	10°26	14°30	T 19
F 20	11 52 41	29°59'50	4♒14	3°48	7°53	2°28	18°38	22°26	6°31	23°35	13°43	2°54	4°14	10°33	14°33	F 20
S 21	11 56 38	0♈59'32	17°56	5° 6	8°16	2°18	18°35	22°33	6°34	23°37	13°43	2°49	4°11	10°39	14°37	S 21
S 22	12 0 34	1°59'12	1♓26	6°25	8°38	2° 7	18°32	22°41	6°37	23°38	13°43	2°44	4° 7	10°46	14°40	S 22
M23	12 4 31	2°58'51	14°43	7°47	8°57	1°55	18°29	22°48	6°40	23°40	13°43	2°39	4° 4	10°53	14°44	M23
T 24	12 8 27	3°58'27	27°45	9° 9	9°14	1°43	18°25	22°55	6°44	23°42	13°43	2°35	4° 1	11° 0	14°48	T 24
W25	12 12 24	4°58'01	10♈33	10°34	9°29	1°30	18°21	23° 3	6°47	23°44	13°43	2°32	3°58	11° 6	14°51	W25
T 26	12 16 20	5°57'33	23° 5	12° 0	9°43	1°16	18°18	23°10	6°50	23°46	13°43	2°30	3°55	11°13	14°55	T 26
F 27	12 20 17	6°57'03	5♉23	13°27	9°54	1° 1	18°13	23°17	6°53	23°48	13°D43	2°D30	3°52	11°20	14°58	F 27
S 28	12 24 13	7°56'31	17°29	14°56	10° 2	0°46	18° 9	23°25	6°56	23°49	13°43	2°31	3°48	11°26	15° 2	S 28
S 29	12 28 10	8°55'57	29°26	16°27	10° 9	0°30	18° 5	23°32	6°59	23°51	13°43	2°32	3°45	11°33	15° 5	S 29
M30	12 32 7	9°55'21	11♊17	17°59	10°13	0°13	18° 0	23°39	7° 2	23°53	13°43	2°34	3°42	11°40	15° 9	M30
T 31	12 36 3	10♈54'42	23♊ 7	19♓32	10°R15	29♎56	17♏56	23♓46	7♓ 5	23♒55	13♋43	2♉36	3♉39	11♊46	15♈13	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s26	19n39	1n34	14s13	1n30	13n16	3n27	10s 8	2n36	16s15	1n15	5s38	1s52	10s11	0s44	14s 6	0s15	20n19	2s23	12n46	13n15	24n29	7n 1	1n50
M 2	7 3	23 19	2 33	14 21	1 17	13 40	3 35	10 10	2 36	16 15	1 16	5 35	1 52	10 10	0 44	14 6	0 15	20 20	2 23	12 46	13 14	24 31	7 2	1 50
T 3	6 40	25 59	3 24	14 26	1 4	14 4	3 43	10 10	2 36	16 15	1 16	5 32	1 52	10 8	0 44	14 5	0 15	20 20	2 23	12 46	13 13	24 32	7 3	1 50
W 4	6 17	27 31	4 8	14 29	0 51	14 28	3 51	10 11	2 37	16 15	1 16	5 30	1 52	10 7	0 44	14 4	0 15	20 20	2 23	12 46	13 12	24 34	7 4	1 50
T 5	5 54	27 46	4 40	14 31	0 39	14 52	3 58	10 12	2 37	16 15	1 16	5 27	1 52	10 6	0 44	14 4	0 15	20 20	2 23	12 45	13 11	24 36	7 5	1 50
F 6	5 31	26 41	5 1	14 31	0 27	15 15	4 6	10 12	2 37	16 14	1 16	5 24	1 52	10 5	0 44	14 3	0 15	20 20	2 23	12 43	13 10	24 38	7 6	1 49
S 7	5 7	24 15	5 8	14 29	0 15	15 37	4 14	10 12	2 37	16 14	1 16	5 21	1 52	10 3	0 44	14 2	0 15	20 20	2 23	12 41	13 9	24 39	7 8	1 49
S 8	4 44	20 34	5 0	14 25	0 3	15 59	4 22	10 12	2 37	16 14	1 17	5 18	1 52	10 2	0 44	14 2	0 15	20 21	2 23	12 38	13 8	24 41	7 9	1 49
M 9	4 20	15 48	4 36	14 20	0s 8	16 21	4 29	10 11	2 37	16 13	1 17	5 15	1 52	10 1	0 44	14 1	0 15	20 21	2 22	12 35	13 7	24 43	7 10	1 49
T 10	3 57	10 9	3 56	14 13	0 18	16 42	4 37	10 11	2 37	16 13	1 17	5 12	1 52	10 0	0 44	14 0	0 16	20 21	2 22	12 33	13 6	24 45	7 11	1 49
W11	3 33	3 54	3 2	14 5	0 29	17 2	4 45	10 10	2 37	16 12	1 17	5 9	1 52	9 58	0 44	14 0	0 16	20 21	2 22	12 31	13 5	24 46	7 12	1 49
T 12	3 10	2s39	1 55	13 55	0 38	17 22	4 53	10 9	2 37	16 12	1 17	5 6	1 52	9 57	0 44	13 59	0 16	20 21	2 22	12 29	13 4	24 48	7 14	1 49
F 13	2 46	9 9	0 41	13 43	0 48	17 42	5 0	10 8	2 37	16 11	1 17	5 4	1 52	9 56	0 44	13 58	0 16	20 21	2 22	12 29	13 3	24 50	7 15	1 49
S 14	2 22	15 14	0s36	13 30	0 57	18 1	5 8	10 6	2 37	16 11	1 18	5 1	1 52	9 55	0 44	13 58	0 16	20 22	2 22	12 29	13 2	24 52	7 16	1 49
S 15	1 59	20 31	1 51	13 15	1 5	18 19	5 16	10 4	2 37	16 10	1 18	4 58	1 52	9 54	0 44	13 57	0 16	20 22	2 22	12 29	13 0	24 53	7 17	1 49
M16	1 35	24 36	3 0	12 59	1 13	18 37	5 23	10 2	2 37	16 9	1 18	4 55	1 53	9 52	0 44	13 56	0 16	20 22	2 22	12 29	12 59	24 55	7 19	1 48
T 17	1 11	27 8	3 57	12 42	1 21	18 54	5 31	10 0	2 37	16 8	1 18	4 52	1 53	9 51	0 44	13 56	0 16	20 22	2 22	12 30	12 58	24 57	7 20	1 48
W18	0 48	27 55	4 39	12 23	1 28	19 10	5 38	9 58	2 37	16 8	1 18	4 49	1 53	9 50	0 44	13 55	0 16	20 22	2 21	12 30	12 57	24 58	7 21	1 48
T 19	0 24	26 53	5 4	12 3	1 35	19 26	5 45	9 55	2 36	16 7	1 18	4 46	1 53	9 49	0 44	13 54	0 16	20 22	2 21	12 29	12 56	25 0	7 22	1 48
F 20	0 0	24 13	5 12	11 41	1 42	19 41	5 52	9 52	2 36	16 6	1 19	4 44	1 53	9 48	0 44	13 54	0 16	20 22	2 21	12 28	12 55	25 2	7 24	1 48
S 21	0n24	20 13	5 1	11 18	1 47	19 55	6 0	9 49	2 36	16 5	1 19	4 41	1 53	9 46	0 44	13 53	0 16	20 22	2 21	12 26	12 54	25 4	7 25	1 48
S 22	0 47	15 13	4 34	10 54	1 53	20 8	6 6	9 46	2 35	16 4	1 19	4 38	1 53	9 45	0 44	13 53	0 16	20 23	2 21	12 25	12 53	25 5	7 26	1 48
M23	1 11	9 35	3 52	10 28	1 58	20 21	6 13	9 42	2 35	16 3	1 19	4 35	1 53	9 44	0 44	13 52	0 16	20 23	2 21	12 23	12 52	25 7	7 27	1 48
T 24	1 35	3 38	2 59	10 1	2 3	20 33	6 20	9 39	2 34	16 2	1 19	4 32	1 53	9 43	0 44	13 51	0 16	20 23	2 21	12 22	12 51	25 8	7 29	1 48
W25	1 58	2n22	1 58	9 33	2 7	20 44	6 26	9 35	2 34	16 1	1 19	4 29	1 53	9 42	0 44	13 51	0 16	20 23	2 21	12 21	12 50	25 10	7 30	1 48
T 26	2 22	8 10	0 52	9 4	2 11	20 54	6 32	9 31	2 33	15 59	1 19	4 27	1 53	9 41	0 44	13 50	0 16	20 23	2 20	12 20	12 49	25 12	7 31	1 48
F 27	2 45	13 33	0n16	8 33	2 14	21 3	6 38	9 26	2 32	15 58	1 19	4 24	1 53	9 39	0 44	13 50	0 16	20 23	2 20	12 20	12 48	25 13	7 33	1 47
S 28	3 9	18 20	1 22	8 2	2 17	21 11	6 44	9 22	2 32	15 57	1 20	4 21	1 53	9 38	0 44	13 49	0 16	20 23	2 20	12 20	12 47	25 15	7 34	1 47
S 29	3 32	22 20	2 23	7 29	2 19	21 19	6 49	9 17	2 31	15 56	1 20	4 18	1 53	9 37	0 44	13 48	0 16	20 23	2 20	12 21	12 45	25 17	7 35	1 47
M30	3 56	25 23	3 18	6 55	2 21	21 25	6 54	9 12	2 30	15 54	1 20	4 15	1 53	9 36	0 44	13 48	0 16	20 24	2 20	12 21	12 44	25 18	7 37	1 47
T 31	4n19	27n18	4n 4	6s19	2s22	21n30	6n59	9s 7	2n29	15s53	1n20	4s13	1s54	9s35	0s44	13s47	0s16	20n24	2s20	12n22	12n43	25n20	7n38	1n47

Julian Day Number = 2514426.5, Delta T = 138.19 sec
Ecliptic obliquity = 23°25'09, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°08'46, Lahiri = 26°15'46

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2172
geocentric

APRIL 2172 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 40 0	11♈54'02	4♋59	21♓ 6	10°R14	29°R38	17°R51	23♓53	7♓ 8	23♒56	13♋43	2♉36	3♉36	11♊53	15♈16	W 1
T 2	12 43 56	12°53'18	17° 0	22°42	10♉11	29♎20	17♏46	24° 1	7°11	23°58	13°43	2°R37	3°32	12° 0	15°20	T 2
F 3	12 47 53	13°52'33	29°14	24°20	10° 6	29° 1	17°41	24° 8	7°14	24° 0	13°43	2°36	3°29	12° 6	15°23	F 3
S 4	12 51 49	14°51'45	11♌44	25°59	9°58	28°42	17°35	24°15	7°17	24° 1	13°43	2°34	3°26	12°13	15°27	S 4
S 5	12 55 46	15°50'55	24°36	27°39	9°47	28°22	17°30	24°22	7°20	24° 3	13°44	2°32	3°23	12°20	15°31	S 5
M 6	12 59 42	16°50'03	7♍50	29°21	9°35	28° 1	17°24	24°29	7°23	24° 4	13°44	2°30	3°20	12°26	15°34	M 6
T 7	13 3 39	17°49'08	21°29	1♈ 4	9°19	27°40	17°19	24°36	7°26	24° 6	13°44	2°28	3°17	12°33	15°38	T 7
W 8	13 7 36	18°48'11	5♎30	2°48	9° 1	27°19	17°13	24°43	7°28	24° 7	13°44	2°26	3°13	12°40	15°41	W 8
T 9	13 11 32	19°47'12	19°50	4°34	8°41	26°58	17° 7	24°50	7°31	24° 9	13°45	2°25	3°10	12°46	15°45	T 9
F 10	13 15 29	20°46'11	4♏25	6°22	8°18	26°36	17° 1	24°57	7°34	24°10	13°45	2°D25	3° 7	12°53	15°49	F 10
S 11	13 19 25	21°45'09	19° 7	8°11	7°54	26°14	16°55	25° 4	7°37	24°12	13°45	2°25	3° 4	13° 0	15°52	S 11
S 12	13 23 22	22°44'04	3♐50	10° 1	7°27	25°51	16°48	25°11	7°39	24°13	13°46	2°26	3° 1	13° 6	15°56	S 12
M13	13 27 18	23°42'58	18°28	11°53	6°58	25°29	16°42	25°17	7°42	24°15	13°46	2°27	2°58	13°13	15°59	M13
T 14	13 31 15	24°41'50	2♑57	13°47	6°27	25° 6	16°35	25°24	7°45	24°16	13°46	2°28	2°54	13°20	16° 3	T 14
W15	13 35 11	25°40'40	17°11	15°42	5°55	24°43	16°29	25°31	7°47	24°17	13°47	2°28	2°51	13°26	16° 7	W15
T 16	13 39 8	26°39'28	1♒ 9	17°38	5°21	24°20	16°22	25°38	7°50	24°19	13°47	2°R28	2°48	13°33	16°10	T 16
F 17	13 43 5	27°38'15	14°50	19°36	4°46	23°57	16°15	25°44	7°52	24°20	13°48	2°28	2°45	13°40	16°14	F 17
S 18	13 47 1	28°37'00	28°15	21°35	4°10	23°34	16° 8	25°51	7°55	24°21	13°48	2°27	2°42	13°46	16°17	S 18
S 19	13 50 58	29°35'44	11♓24	23°36	3°34	23°11	16° 1	25°58	7°57	24°22	13°49	2°27	2°38	13°53	16°21	S 19
M20	13 54 54	0♉34'25	24°17	25°38	2°56	22°48	15°54	26° 4	8° 0	24°24	13°49	2°27	2°35	14° 0	16°24	M20
T 21	13 58 51	1°33'05	6♈58	27°41	2°19	22°26	15°47	26°11	8° 2	24°25	13°50	2°27	2°32	14° 6	16°28	T 21
W22	14 2 47	2°31'43	19°25	29°46	1°41	22° 3	15°40	26°17	8° 4	24°26	13°51	2°D27	2°29	14°13	16°31	W22
T 23	14 6 44	3°30'19	1♉42	1♉51	1° 3	21°41	15°32	26°24	8° 7	24°27	13°51	2°R27	2°26	14°20	16°35	T 23
F 24	14 10 40	4°28'53	13°49	3°58	0°26	21°20	15°25	26°30	8° 9	24°28	13°52	2°27	2°23	14°26	16°38	F 24
S 25	14 14 37	5°27'26	25°48	6° 5	29♈50	20°58	15°18	26°36	8°11	24°29	13°52	2°26	2°19	14°33	16°42	S 25
S 26	14 18 34	6°25'56	7♊41	8°13	29°14	20°37	15°10	26°43	8°13	24°30	13°53	2°26	2°16	14°40	16°45	S 26
M27	14 22 30	7°24'25	19°31	10°22	28°39	20°16	15° 3	26°49	8°16	24°31	13°54	2°25	2°13	14°47	16°49	M27
T 28	14 26 27	8°22'51	1♋21	12°30	28° 6	19°56	14°55	26°55	8°18	24°32	13°55	2°25	2°10	14°53	16°52	T 28
W29	14 30 23	9°21'16	13°14	14°39	27°34	19°36	14°47	27° 1	8°20	24°33	13°55	2°24	2° 7	15° 0	16°55	W29
T 30	14 34 20	10♉19'38	25♋14	16♉47	27♈ 4	19♎17	14♏40	27♓ 7	8♓22	24♒34	13♋56	2♉23	2♉ 4	15♊ 7	16♈59	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	4n42	27n59	4n40	5s43	2s23	21n34	7n 3	9s 2	2n28	15s51	1n20	4s10	1s54	9s34	0s44	13s47	0s16	20n24	2s20	12n22	12n42	25n21	7n39	1n47
T 2	5 5	27 22	5 4	5 6	2 24	21 36	7 7	8 56	2 27	15 50	1 20	4 7	1 54	9 33	0 44	13 46	0 16	20 24	2 20	12 22	12 41	25 23	7 41	1 47
F 3	5 28	25 26	5 15	4 27	2 24	21 38	7 10	8 51	2 26	15 48	1 20	4 4	1 54	9 32	0 44	13 46	0 16	20 24	2 20	12 22	12 40	25 25	7 42	1 47
S 4	5 51	22 14	5 12	3 47	2 23	21 38	7 13	8 45	2 24	15 47	1 20	4 2	1 54	9 31	0 44	13 45	0 16	20 24	2 19	12 21	12 39	25 26	7 43	1 47
S 5	6 14	17 54	4 53	3 7	2 23	21 37	7 16	8 39	2 23	15 45	1 20	3 59	1 54	9 30	0 44	13 45	0 16	20 24	2 19	12 21	12 38	25 28	7 45	1 47
M 6	6 37	12 36	4 18	2 25	2 21	21 34	7 18	8 33	2 22	15 43	1 21	3 56	1 54	9 29	0 44	13 44	0 16	20 24	2 19	12 20	12 37	25 29	7 46	1 47
T 7	6 59	6 33	3 28	1 42	2 19	21 30	7 19	8 27	2 20	15 42	1 21	3 54	1 54	9 28	0 44	13 44	0 16	20 24	2 19	12 19	12 36	25 31	7 47	1 47
W 8	7 22	0 1	2 24	0 59	2 17	21 25	7 19	8 21	2 19	15 40	1 21	3 51	1 54	9 27	0 44	13 43	0 16	20 24	2 19	12 19	12 35	25 33	7 49	1 47
T 9	7 44	6s41	1 9	0 14	2 14	21 18	7 19	8 15	2 17	15 38	1 21	3 48	1 55	9 26	0 44	13 43	0 16	20 24	2 19	12 18	12 34	25 34	7 50	1 47
F 10	8 6	13 9	0s11	0n32	2 10	21 10	7 19	8 9	2 15	15 37	1 21	3 46	1 55	9 25	0 44	13 42	0 16	20 25	2 19	12 18	12 33	25 36	7 51	1 46
S 11	8 28	18 57	1 31	1 18	2 7	21 1	7 17	8 2	2 14	15 35	1 21	3 43	1 55	9 24	0 44	13 42	0 16	20 25	2 19	12 18	12 31	25 37	7 53	1 46
S 12	8 50	23 36	2 46	2 6	2 2	20 49	7 15	7 56	2 12	15 33	1 21	3 40	1 55	9 23	0 44	13 41	0 16	20 25	2 19	12 18	12 30	25 39	7 54	1 46
M13	9 12	26 43	3 49	2 54	1 57	20 37	7 12	7 49	2 10	15 31	1 21	3 38	1 55	9 22	0 44	13 41	0 16	20 25	2 18	12 19	12 29	25 40	7 55	1 46
T 14	9 34	27 59	4 36	3 43	1 52	20 23	7 8	7 43	2 8	15 29	1 21	3 35	1 55	9 21	0 44	13 40	0 16	20 25	2 18	12 19	12 28	25 42	7 57	1 46
W15	9 55	27 22	5 6	4 33	1 46	20 8	7 3	7 36	2 6	15 27	1 21	3 33	1 55	9 20	0 44	13 40	0 16	20 25	2 18	12 19	12 27	25 43	7 58	1 46
T 16	10 16	25 2	5 17	5 23	1 40	19 51	6 58	7 30	2 4	15 25	1 21	3 30	1 55	9 19	0 44	13 40	0 16	20 25	2 18	12 19	12 26	25 45	7 59	1 46
F 17	10 37	21 18	5 10	6 14	1 33	19 33	6 52	7 24	2 2	15 23	1 21	3 28	1 56	9 18	0 44	13 39	0 16	20 25	2 18	12 19	12 25	25 46	8 1	1 46
S 18	10 58	16 32	4 46	7 5	1 25	19 14	6 45	7 17	2 0	15 21	1 21	3 25	1 56	9 17	0 45	13 39	0 16	20 25	2 18	12 19	12 24	25 48	8 2	1 46
S 19	11 19	11 5	4 7	7 57	1 17	18 54	6 37	7 11	1 58	15 19	1 21	3 23	1 56	9 16	0 45	13 38	0 16	20 25	2 18	12 19	12 23	25 49	8 3	1 46
M20	11 40	5 16	3 16	8 50	1 9	18 33	6 28	7 4	1 56	15 17	1 21	3 20	1 56	9 15	0 45	13 38	0 16	20 25	2 18	12 19	12 22	25 51	8 5	1 46
T 21	12 0	0n40	2 17	9 42	1 0	18 11	6 19	6 58	1 53	15 15	1 21	3 18	1 56	9 14	0 45	13 38	0 16	20 25	2 18	12 19	12 21	25 52	8 6	1 46
W22	12 20	6 29	1 12	10 35	0 51	17 48	6 9	6 52	1 51	15 13	1 21	3 15	1 56	9 13	0 45	13 37	0 16	20 25	2 17	12 19	12 19	25 54	8 7	1 46
T 23	12 40	11 59	0 4	11 27	0 42	17 25	5 58	6 46	1 49	15 11	1 21	3 13	1 56	9 13	0 45	13 37	0 16	20 25	2 17	12 19	12 18	25 55	8 8	1 46
F 24	13 0	16 58	1n 3	12 20	0 32	17 1	5 47	6 40	1 46	15 9	1 21	3 10	1 57	9 12	0 45	13 37	0 16	20 25	2 17	12 19	12 17	25 56	8 10	1 46
S 25	13 20	21 14	2 6	13 12	0 22	16 37	5 35	6 34	1 44	15 7	1 21	3 8	1 57	9 11	0 45	13 36	0 16	20 25	2 17	12 19	12 16	25 58	8 11	1 46
S 26	13 39	24 35	3 3	14 3	0 11	16 13	5 23	6 29	1 41	15 5	1 21	3 6	1 57	9 10	0 45	13 36	0 16	20 25	2 17	12 18	12 15	25 59	8 12	1 46
M27	13 58	26 52	3 53	14 54	0 1	15 48	5 10	6 23	1 39	15 2	1 21	3 3	1 57	9 9	0 45	13 36	0 16	20 26	2 17	12 18	12 14	26 1	8 14	1 46
T 28	14 17	27 56	4 32	15 44	0n10	15 24	4 56	6 18	1 36	15 0	1 21	3 1	1 57	9 9	0 45	13 35	0 16	20 26	2 17	12 18	12 13	26 2	8 15	1 46
W29	14 36	27 44	4 59	16 33	0 20	15 0	4 43	6 13	1 34	14 58	1 21	2 59	1 57	9 8	0 45	13 35	0 16	20 26	2 17	12 18	12 12	26 4	8 16	1 46
T 30	14n54	26n13	5n14	17n20	0n31	14n36	4n29	6s 8	1n31	14s56	1n21	2s56	1s57	9s 7	0s45	13s35	0s16	20n26	2s17	12n18	12n11	26n 5	8n17	1n46

Julian Day Number = 2514457.5, Delta T = 138.26 sec
Ecliptic obliquity = 23°25'09, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°08'50, Lahiri = 26°15'51

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2172
geocentric

MAY 2172 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 38 16	11♉17'58	7♌26	18♉54	26°R36	18°R58	14°R32	27♓13	8♓24	24♒35	13♋57	2°D23	2♉ 0	15♊13	17♈ 2	F 1
S 2	14 42 13	12°16'16	19°53	21° 1	26♈10	18♎40	14♏25	27°19	8°26	24°35	13°58	2♉23	1°57	15°20	17° 6	S 2
S 3	14 46 9	13°14'32	2♍41	23° 6	25°45	18°23	14°17	27°25	8°28	24°36	13°58	2°23	1°54	15°27	17° 9	S 3
M 4	14 50 6	14°12'46	15°51	25° 9	25°23	18° 6	14° 9	27°31	8°30	24°37	13°59	2°24	1°51	15°33	17°12	M 4
T 5	14 54 3	15°10'58	29°28	27°11	25° 4	17°50	14° 2	27°37	8°31	24°38	14° 0	2°25	1°48	15°40	17°15	T 5
W 6	14 57 59	16° 9'08	13♎31	29°10	24°46	17°35	13°54	27°43	8°33	24°38	14° 1	2°26	1°44	15°47	17°19	W 6
T 7	15 1 56	17° 7'17	27°59	1♊ 7	24°31	17°20	13°46	27°48	8°35	24°39	14° 2	2°R27	1°41	15°53	17°22	T 7
F 8	15 5 52	18° 5'23	12♏47	3° 1	24°19	17° 6	13°39	27°54	8°37	24°40	14° 3	2°27	1°38	16° 0	17°25	F 8
S 9	15 9 49	19° 3'28	27°49	4°53	24° 8	16°52	13°31	28° 0	8°38	24°40	14° 4	2°26	1°35	16° 7	17°28	S 9
S 10	15 13 45	20° 1'31	12♐55	6°41	24° 1	16°40	13°24	28° 5	8°40	24°41	14° 5	2°24	1°32	16°13	17°32	S 10
M11	15 17 42	20°59'33	27°57	8°26	23°55	16°28	13°16	28°11	8°42	24°41	14° 6	2°22	1°29	16°20	17°35	M11
T 12	15 21 38	21°57'33	12♑46	10° 8	23°52	16°17	13° 9	28°16	8°43	24°42	14° 7	2°19	1°25	16°27	17°38	T 12
W13	15 25 35	22°55'32	27°16	11°47	23°D52	16° 7	13° 1	28°21	8°45	24°42	14° 8	2°17	1°22	16°33	17°41	W13
T 14	15 29 32	23°53'30	11♒23	13°22	23°54	15°57	12°54	28°26	8°46	24°43	14° 9	2°16	1°19	16°40	17°44	T 14
F 15	15 33 28	24°51'26	25° 5	14°53	23°58	15°49	12°46	28°32	8°47	24°43	14°10	2°D15	1°16	16°47	17°47	F 15
S 16	15 37 25	25°49'21	8♓24	16°21	24° 4	15°41	12°39	28°37	8°49	24°44	14°11	2°16	1°13	16°53	17°50	S 16
S 17	15 41 21	26°47'15	21°22	17°45	24°13	15°34	12°32	28°42	8°50	24°44	14°12	2°17	1° 9	17° 0	17°53	S 17
M18	15 45 18	27°45'08	4♈ 1	19° 6	24°24	15°27	12°24	28°47	8°51	24°44	14°13	2°19	1° 6	17° 7	17°56	M18
T 19	15 49 14	28°42'59	16°26	20°22	24°37	15°22	12°17	28°52	8°53	24°45	14°14	2°20	1° 3	17°14	17°59	T 19
W20	15 53 11	29°40'49	28°38	21°35	24°52	15°17	12°10	28°57	8°54	24°45	14°15	2°R21	1° 0	17°20	18° 2	W20
T 21	15 57 7	0♊38'38	10♉41	22°43	25° 9	15°13	12° 3	29° 1	8°55	24°45	14°16	2°21	0°57	17°27	18° 5	T 21
F 22	16 1 4	1°36'26	22°38	23°48	25°27	15°10	11°56	29° 6	8°56	24°45	14°18	2°19	0°54	17°34	18° 8	F 22
S 23	16 5 1	2°34'12	4♊31	24°49	25°48	15° 8	11°50	29°11	8°57	24°45	14°19	2°16	0°50	17°40	18°10	S 23
S 24	16 8 57	3°31'57	16°21	25°45	26°10	15° 7	11°43	29°15	8°58	24°45	14°20	2°12	0°47	17°47	18°13	S 24
M25	16 12 54	4°29'41	28°11	26°38	26°34	15°D 6	11°36	29°20	8°59	24°45	14°21	2° 6	0°44	17°54	18°16	M25
T 26	16 16 50	5°27'23	10♋ 2	27°26	27° 0	15° 6	11°30	29°24	9° 0	24°46	14°22	2° 0	0°41	18° 0	18°19	T 26
W27	16 20 47	6°25'04	21°58	28°10	27°27	15° 7	11°23	29°28	9° 1	24°R46	14°24	1°54	0°38	18° 7	18°21	W27
T 28	16 24 43	7°22'43	4♌ 0	28°49	27°56	15° 9	11°17	29°33	9° 1	24°45	14°25	1°49	0°35	18°14	18°24	T 28
F 29	16 28 40	8°20'21	16°12	29°24	28°26	15°11	11°11	29°37	9° 2	24°45	14°26	1°46	0°31	18°20	18°26	F 29
S 30	16 32 37	9°17'57	28°38	29°54	28°58	15°14	11° 5	29°41	9° 3	24°45	14°27	1°43	0°28	18°27	18°29	S 30
S 31	16 36 33	10♊15'32	11♍21	0♋20	29♈31	15♎18	10♏59	29♓45	9♓ 3	24♒45	14♋29	1°D43	0♉25	18♊34	18♈31	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	15n12	23n29	5n16	18n 6	0n42	14n12	4n15	6s 3	1n29	14s54	1n21	2s54	1s58	9s 7	0s45	13s35	0s16	20n26	2s16	12n17	12n10	26n 6	8n19	1n46
S 2	15 30	19 37	5 2	18 50	0 52	13 49	4 0	5 59	1 26	14 51	1 21	2 52	1 58	9 6	0 45	13 34	0 16	20 26	2 16	12 17	12 9	26 8	8 20	1 46
S 3	15 48	14 46	4 34	19 32	1 2	13 27	3 46	5 55	1 23	14 49	1 21	2 50	1 58	9 5	0 45	13 34	0 16	20 26	2 16	12 18	12 7	26 9	8 21	1 45
M 4	16 5	9 7	3 50	20 12	1 12	13 6	3 31	5 51	1 21	14 47	1 21	2 48	1 58	9 4	0 45	13 34	0 16	20 26	2 16	12 18	12 6	26 11	8 22	1 45
T 5	16 23	2 51	2 53	20 50	1 22	12 45	3 17	5 47	1 18	14 45	1 21	2 45	1 58	9 4	0 45	13 34	0 16	20 26	2 16	12 18	12 5	26 12	8 24	1 45
W 6	16 39	3s45	1 43	21 26	1 31	12 25	3 3	5 44	1 15	14 43	1 21	2 43	1 59	9 3	0 45	13 33	0 17	20 26	2 16	12 19	12 4	26 13	8 25	1 45
T 7	16 56	10 22	0 25	21 59	1 39	12 6	2 48	5 41	1 13	14 40	1 21	2 41	1 59	9 3	0 45	13 33	0 17	20 26	2 16	12 19	12 3	26 15	8 26	1 45
F 8	17 12	16 34	0s57	22 30	1 47	11 48	2 34	5 38	1 10	14 38	1 21	2 39	1 59	9 2	0 45	13 33	0 17	20 26	2 16	12 19	12 2	26 16	8 27	1 45
S 9	17 28	21 52	2 16	22 58	1 54	11 32	2 20	5 35	1 8	14 36	1 21	2 37	1 59	9 1	0 45	13 33	0 17	20 26	2 16	12 18	12 1	26 17	8 29	1 45
S 10	17 44	25 43	3 25	23 24	2 1	11 16	2 6	5 33	1 5	14 34	1 20	2 35	1 59	9 1	0 45	13 33	0 17	20 26	2 16	12 18	12 0	26 19	8 30	1 45
M11	17 59	27 45	4 20	23 47	2 7	11 1	1 53	5 31	1 2	14 32	1 20	2 33	1 59	9 0	0 45	13 33	0 17	20 26	2 15	12 17	11 59	26 20	8 31	1 45
T 12	18 14	27 44	4 57	24 7	2 12	10 48	1 40	5 29	1 0	14 30	1 20	2 31	2 0	9 0	0 45	13 32	0 17	20 26	2 15	12 16	11 58	26 21	8 32	1 45
W13	18 29	25 49	5 14	24 26	2 16	10 36	1 27	5 27	0 57	14 27	1 20	2 29	2 0	8 59	0 45	13 32	0 17	20 26	2 15	12 15	11 56	26 23	8 33	1 45
T 14	18 44	22 20	5 11	24 41	2 19	10 25	1 14	5 26	0 55	14 25	1 20	2 27	2 0	8 59	0 45	13 32	0 17	20 26	2 15	12 15	11 55	26 24	8 34	1 45
F 15	18 58	17 42	4 51	24 55	2 22	10 15	1 1	5 25	0 52	14 23	1 20	2 25	2 0	8 58	0 45	13 32	0 17	20 26	2 15	12 15	11 54	26 25	8 36	1 45
S 16	19 12	12 21	4 15	25 6	2 24	10 6	0 49	5 24	0 50	14 21	1 20	2 24	2 0	8 58	0 45	13 32	0 17	20 26	2 15	12 15	11 53	26 27	8 37	1 45
S 17	19 25	6 35	3 27	25 15	2 24	9 58	0 38	5 24	0 47	14 19	1 20	2 22	2 1	8 57	0 45	13 32	0 17	20 26	2 15	12 15	11 52	26 28	8 38	1 45
M18	19 39	0 41	2 30	25 22	2 24	9 51	0 26	5 24	0 45	14 17	1 20	2 20	2 1	8 57	0 46	13 32	0 17	20 26	2 15	12 16	11 51	26 29	8 39	1 45
T 19	19 51	5n 7	1 26	25 27	2 23	9 46	0 15	5 24	0 42	14 15	1 19	2 18	2 1	8 56	0 46	13 32	0 17	20 26	2 15	12 16	11 50	26 30	8 40	1 45
W20	20 4	10 40	0 20	25 30	2 22	9 41	0 4	5 24	0 40	14 13	1 19	2 17	2 1	8 56	0 46	13 32	0 17	20 26	2 15	12 17	11 49	26 32	8 41	1 45
T 21	20 16	15 44	0n46	25 32	2 19	9 38	0s 6	5 25	0 37	14 11	1 19	2 15	2 2	8 56	0 46	13 32	0 17	20 26	2 14	12 17	11 48	26 33	8 42	1 45
F 22	20 28	20 10	1 49	25 31	2 15	9 35	0 16	5 26	0 35	14 9	1 19	2 13	2 2	8 55	0 46	13 31	0 17	20 26	2 14	12 16	11 46	26 34	8 43	1 45
S 23	20 39	23 46	2 47	25 29	2 10	9 34	0 26	5 27	0 32	14 7	1 19	2 12	2 2	8 55	0 46	13 31	0 17	20 26	2 14	12 15	11 45	26 35	8 44	1 45
S 24	20 51	26 20	3 38	25 26	2 5	9 33	0 35	5 29	0 30	14 5	1 19	2 10	2 2	8 55	0 46	13 31	0 17	20 25	2 14	12 13	11 44	26 37	8 46	1 45
M25	21 1	27 43	4 19	25 21	1 58	9 33	0 44	5 31	0 28	14 3	1 18	2 8	2 2	8 54	0 46	13 31	0 17	20 25	2 14	12 12	11 43	26 38	8 47	1 45
T 26	21 12	27 50	4 49	25 14	1 51	9 34	0 53	5 33	0 26	14 2	1 18	2 7	2 3	8 54	0 46	13 31	0 17	20 25	2 14	12 10	11 42	26 39	8 48	1 45
W27	21 22	26 40	5 6	25 7	1 42	9 36	1 1	5 36	0 23	14 0	1 18	2 5	2 3	8 54	0 46	13 31	0 17	20 25	2 14	12 8	11 41	26 40	8 49	1 45
T 28	21 31	24 16	5 11	24 58	1 33	9 39	1 9	5 38	0 21	13 58	1 18	2 4	2 3	8 53	0 46	13 31	0 17	20 25	2 14	12 6	11 40	26 41	8 50	1 45
F 29	21 41	20 45	5 1	24 48	1 23	9 42	1 17	5 41	0 19	13 56	1 18	2 2	2 3	8 53	0 46	13 32	0 17	20 25	2 14	12 5	11 39	26 43	8 51	1 45
S 30	21 50	16 16	4 38	24 37	1 12	9 47	1 25	5 44	0 17	13 55	1 18	2 1	2 4	8 53	0 46	13 32	0 17	20 25	2 14	12 4	11 38	26 44	8 52	1 45
S 31	21n58	11n 0	4n 0	24n25	1n 0	9n52	1s32	5s48	0n15	13s53	1n17	2s 0	2s 4	8s53	0s46	13s32	0s17	20n25	2s14	12n 4	11n37	26n45	8n53	1n45

Julian Day Number = 2514487.5, Delta T = 138.33 sec
Ecliptic obliquity = 23°25'09, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°08'54, Lahiri = 26°15'55

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2172
geocentric

JUNE 2172 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 40 30	11♊13'06	24♍26	0♋41	0♉ 5	15♎23	10°R53	29♓49	9♓ 4	24°R45	14♋30	1♉43	0♉22	18♊40	18♈34	M 1
T 2	16 44 26	12°10'38	7♎55	0°58	0°41	15°28	10♏48	29°53	9° 5	24♒45	14°31	1°45	0°19	18°47	18°36	T 2
W 3	16 48 23	13° 8'09	21°51	1°10	1°18	15°34	10°42	29°56	9° 5	24°45	14°33	1°46	0°15	18°54	18°39	W 3
T 4	16 52 19	14° 5'38	6♏14	1°17	1°56	15°41	10°37	29°59	9° 6	24°44	14°34	1°R46	0°12	19° 1	18°41	T 4
F 5	16 56 16	15° 3'06	21° 1	1°R19	2°35	15°49	10°31	0♈ 4	9° 6	24°44	14°35	1°45	0° 9	19° 7	18°44	F 5
S 6	17 0 12	16° 0'34	6♐ 7	1°17	3°15	15°57	10°26	0° 7	9° 6	24°44	14°37	1°42	0° 6	19°14	18°46	S 6
S 7	17 4 9	16°58'00	21°23	1°11	3°56	16° 5	10°21	0°10	9° 7	24°44	14°38	1°36	0° 3	19°21	18°48	S 7
M 8	17 8 6	17°55'25	6♑38	1° 0	4°38	16°15	10°16	0°14	9° 7	24°43	14°39	1°30	29♈59	19°27	18°50	M 8
T 9	17 12 2	18°52'50	21°43	0°45	5°22	16°25	10°12	0°17	9° 7	24°43	14°41	1°23	29°56	19°34	18°52	T 9
W10	17 15 59	19°50'14	6♒28	0°27	6° 6	16°36	10° 7	0°20	9° 7	24°42	14°42	1°17	29°53	19°41	18°55	W10
T 11	17 19 55	20°47'37	20°46	0° 5	6°51	16°47	10° 3	0°23	9° 7	24°42	14°44	1°12	29°50	19°47	18°57	T 11
F 12	17 23 52	21°45'00	4♓36	29♊40	7°37	16°59	9°59	0°26	9° 7	24°41	14°45	1° 8	29°47	19°54	18°59	F 12
S 13	17 27 48	22°42'22	17°58	29°12	8°23	17°12	9°55	0°29	9°R 7	24°41	14°46	1°D 7	29°44	20° 1	19° 1	S 13
S 14	17 31 45	23°39'43	0♈54	28°41	9°11	17°25	9°51	0°32	9° 7	24°40	14°48	1° 7	29°41	20° 7	19° 3	S 14
M15	17 35 41	24°37'04	13°28	28°10	9°59	17°38	9°47	0°34	9° 7	24°40	14°49	1° 8	29°37	20°14	19° 5	M15
T 16	17 39 38	25°34'25	25°45	27°36	10°48	17°53	9°43	0°37	9° 7	24°39	14°51	1°R 9	29°34	20°21	19° 6	T 16
W17	17 43 35	26°31'45	7♉49	27° 3	11°38	18° 7	9°40	0°40	9° 7	24°38	14°52	1° 9	29°31	20°28	19° 8	W17
T 18	17 47 31	27°29'05	19°44	26°29	12°28	18°23	9°37	0°42	9° 7	24°38	14°54	1° 7	29°28	20°34	19°10	T 18
F 19	17 51 28	28°26'24	1♊35	25°55	13°19	18°39	9°34	0°44	9° 6	24°37	14°55	1° 3	29°25	20°41	19°12	F 19
S 20	17 55 24	29°23'43	13°24	25°23	14°11	18°55	9°31	0°47	9° 6	24°36	14°57	0°56	29°21	20°48	19°13	S 20
S 21	17 59 21	0♋21'02	25°14	24°52	15° 3	19°12	9°28	0°49	9° 6	24°36	14°58	0°47	29°18	20°54	19°15	S 21
M22	18 3 17	1°18'20	7♋ 6	24°24	15°56	19°30	9°26	0°51	9° 5	24°35	14°59	0°36	29°15	21° 1	19°17	M22
T 23	18 7 14	2°15'37	19° 3	23°58	16°49	19°48	9°23	0°53	9° 5	24°34	15° 1	0°25	29°12	21° 8	19°18	T 23
W24	18 11 10	3°12'54	1♌ 4	23°35	17°43	20° 6	9°21	0°54	9° 4	24°33	15° 2	0°14	29° 9	21°14	19°20	W24
T 25	18 15 7	4°10'11	13°13	23°16	18°38	20°25	9°19	0°56	9° 4	24°32	15° 4	0° 3	29° 6	21°21	19°21	T 25
F 26	18 19 4	5° 7'26	25°31	23° 1	19°32	20°44	9°17	0°58	9° 3	24°31	15° 5	29♈55	29° 2	21°28	19°22	F 26
S 27	18 23 0	6° 4'42	8♍ 1	22°49	20°28	21° 4	9°15	0°59	9° 3	24°30	15° 7	29°49	28°59	21°35	19°24	S 27
S 28	18 26 57	7° 1'56	20°45	22°42	21°24	21°25	9°14	1° 1	9° 2	24°29	15° 8	29°46	28°56	21°41	19°25	S 28
M29	18 30 53	7°59'10	3♎47	22°D39	22°20	21°46	9°13	1° 2	9° 1	24°28	15°10	29°D45	28°53	21°48	19°26	M29
T 30	18 34 50	8♋56'24	17♎10	22♊41	23♉17	22♎ 7	9♏12	1♈ 3	9♓ 0	24♒27	15♋12	29♈45	28♈50	21♊55	19♈28	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n 6	5n 6	3n 9	24n12	0n47	9n57	1s39	5s52	0n12	13s51	1n17	1s58	2s 4	8s53	0s46	13s32	0s17	20n25	2s13	12n 4	11n35	26n46	8n54	1n45
T 2	22 14	1s13	2 6	23 58	0 33	10 3	1 45	5 56	0 10	13 50	1 17	1 57	2 4	8 52	0 46	13 32	0 17	20 25	2 13	12 4	11 34	26 47	8 54	1 45
W 3	22 21	7 41	0 54	23 44	0 19	10 10	1 51	6 0	0 8	13 48	1 17	1 56	2 5	8 52	0 46	13 32	0 17	20 25	2 13	12 5	11 33	26 48	8 55	1 45
T 4	22 28	13 58	0s24	23 29	0 4	10 18	1 57	6 4	0 6	13 47	1 17	1 55	2 5	8 52	0 46	13 32	0 17	20 25	2 13	12 5	11 32	26 50	8 56	1 45
F 5	22 35	19 38	1 42	23 13	0s12	10 26	2 3	6 9	0 4	13 45	1 16	1 53	2 5	8 52	0 46	13 32	0 17	20 25	2 13	12 4	11 31	26 51	8 57	1 45
S 6	22 41	24 11	2 55	22 57	0 28	10 34	2 9	6 14	0 2	13 44	1 16	1 52	2 5	8 52	0 46	13 32	0 17	20 25	2 13	12 3	11 30	26 52	8 58	1 45
S 7	22 47	27 4	3 56	22 41	0 44	10 43	2 14	6 19	0 0	13 43	1 16	1 51	2 6	8 52	0 46	13 32	0 17	20 25	2 13	12 1	11 29	26 53	8 59	1 45
M 8	22 52	27 54	4 40	22 24	1 1	10 53	2 19	6 25	0s 2	13 41	1 16	1 50	2 6	8 52	0 46	13 32	0 17	20 25	2 13	11 59	11 28	26 54	9 0	1 45
T 9	22 57	26 40	5 3	22 7	1 18	11 3	2 23	6 30	0 3	13 40	1 15	1 49	2 6	8 52	0 46	13 33	0 17	20 25	2 13	11 57	11 26	26 55	9 1	1 45
W10	23 2	23 35	5 7	21 49	1 36	11 13	2 28	6 36	0 5	13 39	1 15	1 48	2 6	8 52	0 46	13 33	0 17	20 25	2 13	11 55	11 25	26 56	9 1	1 45
T 11	23 6	19 8	4 50	21 32	1 53	11 24	2 32	6 42	0 7	13 38	1 15	1 47	2 7	8 52	0 46	13 33	0 17	20 25	2 13	11 53	11 24	26 57	9 2	1 45
F 12	23 10	13 48	4 17	21 15	2 10	11 35	2 36	6 48	0 9	13 37	1 15	1 46	2 7	8 52	0 47	13 33	0 17	20 24	2 13	11 52	11 23	26 59	9 3	1 45
S 13	23 13	7 59	3 31	20 58	2 27	11 46	2 39	6 55	0 11	13 36	1 14	1 45	2 7	8 52	0 47	13 33	0 17	20 24	2 13	11 51	11 22	27 0	9 4	1 45
S 14	23 16	2 1	2 35	20 42	2 43	11 58	2 43	7 1	0 12	13 35	1 14	1 44	2 7	8 52	0 47	13 34	0 17	20 24	2 12	11 51	11 21	27 1	9 5	1 45
M15	23 19	3n52	1 34	20 26	2 58	12 10	2 46	7 8	0 14	13 34	1 14	1 43	2 8	8 52	0 47	13 34	0 17	20 24	2 12	11 51	11 20	27 2	9 5	1 45
T 16	23 21	9 29	0 29	20 11	3 13	12 23	2 49	7 15	0 16	13 33	1 14	1 43	2 8	8 52	0 47	13 34	0 17	20 24	2 12	11 52	11 19	27 3	9 6	1 45
W17	23 22	14 40	0n36	19 56	3 27	12 35	2 52	7 22	0 17	13 32	1 14	1 42	2 8	8 52	0 47	13 34	0 17	20 24	2 12	11 52	11 18	27 4	9 7	1 45
T 18	23 24	19 14	1 38	19 42	3 40	12 48	2 54	7 30	0 19	13 31	1 13	1 41	2 8	8 52	0 47	13 34	0 17	20 24	2 12	11 51	11 16	27 5	9 7	1 45
F 19	23 25	23 0	2 36	19 30	3 52	13 1	2 57	7 37	0 21	13 30	1 13	1 40	2 9	8 52	0 47	13 35	0 17	20 24	2 12	11 50	11 15	27 6	9 8	1 45
S 20	23 25	25 48	3 26	19 19	4 2	13 14	2 59	7 45	0 22	13 30	1 13	1 40	2 9	8 52	0 47	13 35	0 17	20 24	2 12	11 47	11 14	27 7	9 9	1 45
S 21	23 25	27 27	4 7	19 8	4 11	13 27	3 1	7 53	0 24	13 29	1 13	1 39	2 9	8 53	0 47	13 35	0 17	20 24	2 12	11 44	11 13	27 8	9 9	1 45
M22	23 25	27 52	4 38	19 0	4 19	13 41	3 3	8 1	0 25	13 29	1 12	1 39	2 9	8 53	0 47	13 36	0 17	20 24	2 12	11 40	11 12	27 9	9 10	1 46
T 23	23 24	26 58	4 57	18 52	4 25	13 54	3 4	8 9	0 27	13 28	1 12	1 38	2 10	8 53	0 47	13 36	0 17	20 23	2 12	11 36	11 11	27 10	9 11	1 46
W24	23 23	24 50	5 3	18 47	4 29	14 8	3 6	8 17	0 28	13 28	1 12	1 38	2 10	8 53	0 47	13 36	0 17	20 23	2 12	11 33	11 10	27 11	9 11	1 46
T 25	23 21	21 33	4 55	18 42	4 33	14 21	3 7	8 26	0 30	13 27	1 12	1 37	2 10	8 53	0 47	13 36	0 18	20 23	2 12	11 29	11 9	27 12	9 12	1 46
F 26	23 19	17 18	4 34	18 40	4 35	14 35	3 8	8 34	0 31	13 27	1 11	1 37	2 10	8 54	0 47	13 37	0 18	20 23	2 12	11 26	11 7	27 13	9 12	1 46
S 27	23 17	12 15	3 59	18 39	4 35	14 49	3 9	8 43	0 33	13 27	1 11	1 36	2 11	8 54	0 47	13 37	0 18	20 23	2 12	11 24	11 6	27 14	9 13	1 46
S 28	23 14	6 36	3 12	18 39	4 34	15 3	3 10	8 52	0 34	13 26	1 11	1 36	2 11	8 54	0 47	13 37	0 18	20 23	2 11	11 23	11 5	27 15	9 13	1 46
M29	23 11	0 32	2 13	18 41	4 32	15 16	3 10	9 1	0 35	13 26	1 10	1 36	2 11	8 55	0 47	13 38	0 18	20 23	2 11	11 22	11 4	27 16	9 14	1 46
T 30	23n 7	5s43	1n 6	18n45	4s29	15n30	3s11	9s10	0s37	13s26	1n10	1s35	2s12	8s55	0s47	13s38	0s18	20n23	2s11	11n23	11n 3	27n17	9n14	1n46

Julian Day Number = 2514518.5, Delta T = 138.40 sec
Ecliptic obliquity = 23°25'08, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°08'59, Lahiri = 26°15'59

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

JULY 2172 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 38 46	9♋53'37	0♏56	22♊48	24♉14	22♎28	9°R11	1♈ 5	8°R59	24°R26	15♋13	29°R45	28♈47	22♊ 1	19♈29	W 1
T 2	18 42 43	10°50'49	15° 7	23° 0	25°12	22°50	9♏10	1° 6	8♓59	24♒25	15°15	29♈45	28°43	22° 8	19°30	T 2
F 3	18 46 39	11°48'01	29°43	23°16	26°10	23°13	9° 9	1° 7	8°58	24°24	15°16	29°42	28°40	22°15	19°31	F 3
S 4	18 50 36	12°45'13	14♐39	23°38	27° 8	23°36	9° 9	1° 7	8°57	24°23	15°18	29°37	28°37	22°21	19°32	S 4
S 5	18 54 33	13°42'25	29°48	24° 4	28° 7	23°59	9° 9	1° 8	8°56	24°22	15°19	29°29	28°34	22°28	19°33	S 5
M 6	18 58 29	14°39'36	15♑ 2	24°35	29° 6	24°23	9°D 9	1° 9	8°55	24°21	15°21	29°19	28°31	22°35	19°34	M 6
T 7	19 2 26	15°36'48	0♒ 9	25°11	0♊ 5	24°47	9° 9	1° 9	8°54	24°20	15°22	29° 9	28°28	22°41	19°35	T 7
W 8	19 6 22	16°33'59	14°59	25°52	1° 5	25°11	9° 9	1°10	8°52	24°19	15°24	28°59	28°24	22°48	19°35	W 8
T 9	19 10 19	17°31'11	29°24	26°38	2° 5	25°36	9°10	1°10	8°51	24°17	15°25	28°50	28°21	22°55	19°36	T 9
F 10	19 14 15	18°28'22	13♓20	27°28	3° 6	26° 1	9°10	1°10	8°50	24°16	15°27	28°44	28°18	23° 2	19°37	F 10
S 11	19 18 12	19°25'34	26°47	28°23	4° 7	26°27	9°11	1°10	8°49	24°15	15°28	28°41	28°15	23° 8	19°37	S 11
S 12	19 22 9	20°22'47	9♈46	29°23	5° 8	26°52	9°12	1°R11	8°47	24°14	15°30	28°39	28°12	23°15	19°38	S 12
M13	19 26 5	21°20'00	22°21	0♋27	6° 9	27°19	9°14	1°10	8°46	24°12	15°31	28°39	28° 8	23°22	19°38	M13
T 14	19 30 2	22°17'13	4♉37	1°35	7°11	27°45	9°15	1°10	8°45	24°11	15°33	28°39	28° 5	23°28	19°39	T 14
W15	19 33 58	23°14'27	16°39	2°48	8°13	28°12	9°17	1°10	8°43	24°10	15°34	28°38	28° 2	23°35	19°39	W15
T 16	19 37 55	24°11'41	28°33	4° 6	9°15	28°39	9°18	1°10	8°42	24° 8	15°36	28°35	27°59	23°42	19°40	T 16
F 17	19 41 51	25° 8'56	10♊22	5°27	10°18	29° 6	9°20	1° 9	8°40	24° 7	15°37	28°30	27°56	23°48	19°40	F 17
S 18	19 45 48	26° 6'11	22°11	6°53	11°21	29°34	9°22	1° 9	8°39	24° 6	15°39	28°22	27°53	23°55	19°40	S 18
S 19	19 49 44	27° 3'27	4♋ 3	8°23	12°24	0♏ 2	9°25	1° 8	8°37	24° 4	15°40	28°11	27°49	24° 2	19°41	S 19
M20	19 53 41	28° 0'44	16° 0	9°57	13°27	0°31	9°27	1° 7	8°36	24° 3	15°42	27°58	27°46	24° 9	19°41	M20
T 21	19 57 38	28°58'01	28° 4	11°34	14°31	0°59	9°30	1° 6	8°34	24° 1	15°43	27°45	27°43	24°15	19°41	T 21
W22	20 1 34	29°55'18	10♌17	13°16	15°34	1°28	9°33	1° 5	8°32	24° 0	15°45	27°31	27°40	24°22	19°R41	W22
T 23	20 5 31	0♌52'36	22°37	15° 1	16°38	1°57	9°35	1° 4	8°31	23°59	15°46	27°19	27°37	24°29	19°41	T 23
F 24	20 9 27	1°49'54	5♍ 8	16°49	17°42	2°27	9°39	1° 3	8°29	23°57	15°48	27° 9	27°33	24°35	19°41	F 24
S 25	20 13 24	2°47'12	17°49	18°40	18°47	2°57	9°42	1° 2	8°27	23°56	15°49	27° 1	27°30	24°42	19°41	S 25
S 26	20 17 20	3°44'31	0♎42	20°34	19°51	3°27	9°45	1° 1	8°25	23°54	15°51	26°57	27°27	24°49	19°41	S 26
M27	20 21 17	4°41'50	13°49	22°31	20°56	3°57	9°49	0°59	8°23	23°53	15°52	26°55	27°24	24°55	19°40	M27
T 28	20 25 13	5°39'09	27°12	24°30	22° 1	4°28	9°53	0°58	8°22	23°51	15°54	26°D55	27°21	25° 2	19°40	T 28
W29	20 29 10	6°36'29	10♏54	26°31	23° 6	4°59	9°57	0°56	8°20	23°49	15°55	26°R55	27°18	25° 9	19°40	W29
T 30	20 33 7	7°33'49	24°55	28°34	24°12	5°30	10° 1	0°54	8°18	23°48	15°57	26°54	27°14	25°16	19°39	T 30
F 31	20 37 3	8♌31'10	9♐16	0♌38	25♊17	6♏ 1	10♏ 5	0♈52	8♓16	23♒46	15♋58	26♈51	27♈11	25♊22	19♈39	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23n 3	11s53	0s 6	18n50	4s24	15n44	3s11	9s20	0s38	13s26	1n10	1s35	2s12	8s55	0s47	13s38	0s18	20n23	2s11	11n23	11n 2	27n18	9n15	1n46
T 2	22 59	17 39	1 21	18 56	4 19	15 57	3 11	9 29	0 39	13 26	1 10	1 35	2 12	8 56	0 47	13 39	0 18	20 23	2 11	11 22	11 1	27 19	9 15	1 46
F 3	22 54	22 33	2 32	19 3	4 12	16 11	3 11	9 39	0 41	13 26	1 9	1 35	2 12	8 56	0 47	13 39	0 18	20 22	2 11	11 21	11 0	27 20	9 16	1 46
S 4	22 48	26 5	3 34	19 12	4 4	16 24	3 11	9 48	0 42	13 26	1 9	1 35	2 13	8 56	0 47	13 40	0 18	20 22	2 11	11 20	10 58	27 21	9 16	1 46
S 5	22 43	27 47	4 22	19 21	3 56	16 38	3 11	9 58	0 43	13 27	1 9	1 35	2 13	8 57	0 47	13 40	0 18	20 22	2 11	11 17	10 57	27 22	9 16	1 46
M 6	22 37	27 24	4 52	19 32	3 47	16 51	3 10	10 8	0 44	13 27	1 9	1 35	2 13	8 57	0 47	13 40	0 18	20 22	2 11	11 13	10 56	27 22	9 17	1 46
T 7	22 30	25 0	5 1	19 43	3 37	17 4	3 10	10 18	0 45	13 27	1 8	1 35	2 13	8 58	0 47	13 41	0 18	20 22	2 11	11 10	10 55	27 23	9 17	1 46
W 8	22 24	20 56	4 50	19 55	3 26	17 17	3 9	10 28	0 47	13 27	1 8	1 35	2 14	8 58	0 47	13 41	0 18	20 22	2 11	11 6	10 54	27 24	9 17	1 46
T 9	22 16	15 44	4 20	20 7	3 15	17 29	3 8	10 38	0 48	13 28	1 8	1 35	2 14	8 59	0 48	13 42	0 18	20 22	2 11	11 3	10 53	27 25	9 18	1 46
F 10	22 9	9 51	3 35	20 20	3 4	17 42	3 7	10 48	0 49	13 28	1 8	1 35	2 14	8 59	0 48	13 42	0 18	20 22	2 11	11 1	10 52	27 26	9 18	1 46
S 11	22 1	3 44	2 40	20 33	2 51	17 54	3 6	10 58	0 50	13 29	1 7	1 35	2 14	9 0	0 48	13 42	0 18	20 22	2 11	11 0	10 51	27 27	9 18	1 46
S 12	21 52	2n22	1 38	20 46	2 39	18 6	3 5	11 9	0 51	13 29	1 7	1 36	2 15	9 0	0 48	13 43	0 18	20 21	2 11	10 59	10 49	27 28	9 19	1 46
M13	21 44	8 11	0 33	20 59	2 26	18 18	3 3	11 19	0 52	13 30	1 7	1 36	2 15	9 1	0 48	13 43	0 18	20 21	2 11	10 59	10 48	27 29	9 19	1 46
T 14	21 35	13 33	0n32	21 12	2 13	18 30	3 2	11 30	0 53	13 31	1 6	1 36	2 15	9 1	0 48	13 44	0 18	20 21	2 11	10 59	10 47	27 29	9 19	1 46
W15	21 25	18 18	1 34	21 24	2 0	18 41	3 0	11 40	0 54	13 32	1 6	1 37	2 16	9 2	0 48	13 44	0 18	20 21	2 10	10 59	10 46	27 30	9 19	1 46
T 16	21 15	22 16	2 31	21 35	1 46	18 52	2 59	11 51	0 55	13 32	1 6	1 37	2 16	9 2	0 48	13 45	0 18	20 21	2 10	10 58	10 45	27 31	9 19	1 46
F 17	21 5	25 18	3 21	21 46	1 33	19 3	2 57	12 2	0 56	13 33	1 6	1 37	2 16	9 3	0 48	13 45	0 18	20 21	2 10	10 56	10 44	27 32	9 20	1 46
S 18	20 55	27 14	4 3	21 56	1 19	19 14	2 55	12 12	0 57	13 34	1 5	1 38	2 16	9 4	0 48	13 46	0 18	20 21	2 10	10 53	10 43	27 33	9 20	1 46
S 19	20 44	27 55	4 34	22 4	1 5	19 24	2 53	12 23	0 58	13 35	1 5	1 38	2 17	9 4	0 48	13 46	0 18	20 21	2 10	10 49	10 41	27 34	9 20	1 46
M20	20 33	27 19	4 53	22 11	0 52	19 34	2 51	12 34	0 59	13 36	1 5	1 39	2 17	9 5	0 48	13 47	0 18	20 20	2 10	10 45	10 40	27 34	9 20	1 46
T 21	20 21	25 25	5 0	22 16	0 39	19 43	2 49	12 45	1 0	13 37	1 5	1 39	2 17	9 5	0 48	13 47	0 18	20 20	2 10	10 40	10 39	27 35	9 20	1 46
W22	20 9	22 20	4 52	22 20	0 26	19 52	2 47	12 56	1 1	13 38	1 4	1 40	2 17	9 6	0 48	13 48	0 18	20 20	2 10	10 35	10 38	27 36	9 20	1 46
T 23	19 57	18 14	4 31	22 22	0 13	20 1	2 45	13 7	1 2	13 40	1 4	1 41	2 18	9 7	0 48	13 48	0 18	20 20	2 10	10 30	10 37	27 37	9 20	1 46
F 24	19 44	13 18	3 57	22 21	0 1	20 9	2 42	13 18	1 3	13 41	1 4	1 41	2 18	9 7	0 48	13 49	0 18	20 20	2 10	10 27	10 36	27 38	9 20	1 46
S 25	19 31	7 44	3 11	22 18	0n11	20 17	2 40	13 29	1 4	13 42	1 4	1 42	2 18	9 8	0 48	13 49	0 18	20 20	2 10	10 24	10 35	27 38	9 20	1 46
S 26	19 18	1 46	2 14	22 13	0 23	20 25	2 37	13 40	1 5	13 43	1 3	1 43	2 18	9 9	0 48	13 50	0 18	20 20	2 10	10 23	10 33	27 39	9 20	1 46
M27	19 4	4s24	1 9	22 5	0 33	20 32	2 35	13 51	1 6	13 45	1 3	1 44	2 19	9 10	0 48	13 50	0 18	20 20	2 10	10 22	10 32	27 40	9 20	1 46
T 28	18 51	10 30	0s 2	21 55	0 44	20 39	2 32	14 2	1 6	13 46	1 3	1 45	2 19	9 10	0 48	13 51	0 18	20 19	2 10	10 22	10 31	27 40	9 20	1 46
W29	18 36	16 15	1 13	21 42	0 53	20 45	2 29	14 14	1 7	13 48	1 3	1 46	2 19	9 11	0 48	13 51	0 18	20 19	2 10	10 22	10 30	27 41	9 20	1 46
T 30	18 22	21 17	2 22	21 26	1 2	20 51	2 27	14 25	1 8	13 49	1 2	1 46	2 19	9 12	0 48	13 52	0 18	20 19	2 10	10 22	10 29	27 42	9 20	1 46
F 31	18n 7	25s11	3s24	21n 8	1n10	20n57	2s24	14s36	1s 9	13s51	1n 2	1s47	2s20	9s13	0s48	13s52	0s18	20n19	2s10	10n21	10n28	27n43	9n19	1n47

Julian Day Number = 2514548.5, Delta T = 138.46 sec
Ecliptic obliquity = 23°25'08, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°09'03, Lahiri = 26°16'03

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2172
geocentric

AUGUST 2172 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 41 0	9♌28'32	23♐55	2♌43	26♊23	6♏33	10♏10	0°R50	8°R14	23°R45	15♋59	26°R46	27♈ 8	25♊29	19°R38	S 1
S 2	20 44 56	10°25'53	8♑46	4°48	27°29	7° 5	10°14	0♈48	8♓12	23♒43	16° 1	26♈38	27° 5	25°36	19♈38	S 2
M 3	20 48 53	11°23'16	23°43	6°54	28°35	7°37	10°19	0°46	8°10	23°42	16° 2	26°29	27° 2	25°42	19°37	M 3
T 4	20 52 49	12°20'39	8♒36	9° 0	29°41	8° 9	10°24	0°44	8° 8	23°40	16° 4	26°18	26°59	25°49	19°37	T 4
W 5	20 56 46	13°18'03	23°16	11° 6	0♋48	8°42	10°29	0°42	8° 6	23°38	16° 5	26° 8	26°55	25°56	19°36	W 5
T 6	21 0 42	14°15'28	7♓37	13°11	1°54	9°14	10°34	0°39	8° 3	23°37	16° 6	25°59	26°52	26° 2	19°35	T 6
F 7	21 4 39	15°12'54	21°32	15°15	3° 1	9°47	10°40	0°37	8° 1	23°35	16° 8	25°53	26°49	26° 9	19°34	F 7
S 8	21 8 36	16°10'21	5♈ 0	17°19	4° 8	10°21	10°45	0°34	7°59	23°34	16° 9	25°49	26°46	26°16	19°34	S 8
S 9	21 12 32	17° 7'49	18° 2	19°22	5°15	10°54	10°51	0°32	7°57	23°32	16°10	25°47	26°43	26°23	19°33	S 9
M10	21 16 29	18° 5'18	0♉39	21°23	6°22	11°28	10°57	0°29	7°55	23°30	16°12	25°D47	26°39	26°29	19°32	M10
T 11	21 20 25	19° 2'49	12°58	23°24	7°30	12° 2	11° 3	0°26	7°53	23°29	16°13	25°47	26°36	26°36	19°31	T 11
W12	21 24 22	20° 0'21	25° 2	25°23	8°37	12°36	11° 9	0°23	7°50	23°27	16°14	25°R47	26°33	26°43	19°30	W12
T 13	21 28 18	20°57'55	6♊56	27°21	9°45	13°10	11°15	0°20	7°48	23°26	16°16	25°46	26°30	26°49	19°29	T 13
F 14	21 32 15	21°55'30	18°47	29°17	10°53	13°44	11°22	0°17	7°46	23°24	16°17	25°43	26°27	26°56	19°27	F 14
S 15	21 36 11	22°53'06	0♋38	1♍12	12° 1	14°19	11°28	0°14	7°44	23°22	16°18	25°37	26°24	27° 3	19°26	S 15
S 16	21 40 8	23°50'44	12°33	3° 5	13° 9	14°54	11°35	0°11	7°41	23°21	16°19	25°29	26°20	27°10	19°25	S 16
M17	21 44 5	24°48'23	24°37	4°57	14°17	15°29	11°42	0° 8	7°39	23°19	16°21	25°19	26°17	27°16	19°24	M17
T 18	21 48 1	25°46'03	6♌50	6°48	15°26	16° 4	11°49	0° 4	7°37	23°17	16°22	25° 8	26°14	27°23	19°22	T 18
W19	21 51 58	26°43'45	19°14	8°37	16°34	16°39	11°56	0° 1	7°34	23°16	16°23	24°57	26°11	27°30	19°21	W19
T 20	21 55 54	27°41'28	1♍50	10°25	17°43	17°15	12° 3	29♓57	7°32	23°14	16°24	24°48	26° 8	27°36	19°20	T 20
F 21	21 59 51	28°39'12	14°38	12°11	18°51	17°51	12°10	29°54	7°30	23°12	16°26	24°40	26° 5	27°43	19°18	F 21
S 22	22 3 47	29°36'58	27°37	13°56	20° 0	18°27	12°18	29°50	7°27	23°11	16°27	24°34	26° 1	27°50	19°17	S 22
S 23	22 7 44	0♍34'45	10♎49	15°39	21° 9	19° 3	12°25	29°47	7°25	23° 9	16°28	24°31	25°58	27°56	19°15	S 23
M24	22 11 40	1°32'32	24°11	17°21	22°19	19°39	12°33	29°43	7°23	23° 8	16°29	24°D30	25°55	28° 3	19°13	M24
T 25	22 15 37	2°30'22	7♏46	19° 1	23°28	20°16	12°41	29°39	7°20	23° 6	16°30	24°31	25°52	28°10	19°12	T 25
W26	22 19 34	3°28'12	21°32	20°41	24°37	20°53	12°49	29°35	7°18	23° 4	16°31	24°32	25°49	28°17	19°10	W26
T 27	22 23 30	4°26'03	5♐32	22°18	25°47	21°29	12°57	29°31	7°15	23° 3	16°32	24°R32	25°45	28°23	19° 8	T 27
F 28	22 27 27	5°23'56	19°43	23°55	26°56	22° 7	13° 5	29°27	7°13	23° 1	16°33	24°31	25°42	28°30	19° 7	F 28
S 29	22 31 23	6°21'50	4♑ 5	25°30	28° 6	22°44	13°14	29°23	7°11	23° 0	16°35	24°29	25°39	28°37	19° 5	S 29
S 30	22 35 20	7°19'45	18°34	27° 4	29°16	23°21	13°22	29°19	7° 8	22°58	16°36	24°24	25°36	28°43	19° 3	S 30
M31	22 39 16	8♍17'42	3♒ 5	28♍36	0♌26	23♏59	13♏31	29♓15	7♓ 6	22♒56	16♋37	24♈18	25♈33	28♊50	19♈ 1	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n52	27s30	4s14	20n47	1n17	21n 1	2s21	14s47	1s10	13s52	1n 2	1s48	2s20	9s13	0s48	13s53	0s18	20n19	2s10	10n19	10n27	27n43	9n19	1n47
S 2	17 37	27 54	4 47	20 24	1 23	21 6	2 18	14 58	1 10	13 54	1 2	1 49	2 20	9 14	0 48	13 53	0 18	20 19	2 10	10 16	10 25	27 44	9 19	1 47
M 3	17 21	26 17	5 1	19 58	1 29	21 10	2 15	15 10	1 11	13 56	1 1	1 50	2 20	9 15	0 48	13 54	0 18	20 19	2 10	10 12	10 24	27 45	9 19	1 47
T 4	17 5	22 50	4 54	19 30	1 34	21 14	2 12	15 21	1 12	13 58	1 1	1 52	2 21	9 16	0 48	13 54	0 18	20 19	2 10	10 9	10 23	27 45	9 19	1 47
W 5	16 49	17 58	4 29	19 0	1 38	21 17	2 8	15 32	1 13	13 59	1 1	1 53	2 21	9 16	0 48	13 55	0 18	20 18	2 10	10 5	10 22	27 46	9 18	1 47
T 6	16 32	12 12	3 46	18 27	1 41	21 19	2 5	15 43	1 13	14 1	1 1	1 54	2 21	9 17	0 48	13 55	0 18	20 18	2 10	10 2	10 21	27 47	9 18	1 47
F 7	16 16	5 58	2 51	17 53	1 43	21 21	2 2	15 54	1 14	14 3	1 0	1 55	2 21	9 18	0 48	13 56	0 18	20 18	2 10	9 59	10 20	27 47	9 18	1 47
S 8	15 59	0n20	1 48	17 18	1 45	21 23	1 59	16 6	1 15	14 5	1 0	1 56	2 22	9 19	0 48	13 57	0 18	20 18	2 9	9 58	10 19	27 48	9 18	1 47
S 9	15 41	6 26	0 41	16 40	1 46	21 24	1 55	16 17	1 15	14 7	1 0	1 58	2 22	9 20	0 48	13 57	0 18	20 18	2 9	9 57	10 17	27 49	9 17	1 47
M10	15 24	12 6	0n26	16 2	1 46	21 24	1 52	16 28	1 16	14 9	1 0	1 59	2 22	9 21	0 48	13 58	0 18	20 18	2 9	9 57	10 16	27 49	9 17	1 47
T 11	15 6	17 9	1 30	15 22	1 45	21 24	1 49	16 39	1 17	14 11	0 59	2 0	2 22	9 21	0 48	13 58	0 18	20 18	2 9	9 57	10 15	27 50	9 16	1 47
W12	14 48	21 25	2 29	14 41	1 44	21 23	1 45	16 50	1 17	14 13	0 59	2 1	2 23	9 22	0 48	13 59	0 18	20 18	2 9	9 57	10 14	27 51	9 16	1 47
T 13	14 30	24 45	3 21	13 59	1 43	21 22	1 42	17 1	1 18	14 16	0 59	2 3	2 23	9 23	0 48	13 59	0 18	20 17	2 9	9 57	10 13	27 51	9 16	1 47
F 14	14 11	26 59	4 3	13 17	1 40	21 21	1 38	17 12	1 19	14 18	0 59	2 4	2 23	9 24	0 48	14 0	0 18	20 17	2 9	9 56	10 12	27 52	9 15	1 47
S 15	13 53	28 1	4 36	12 33	1 37	21 18	1 35	17 23	1 19	14 20	0 59	2 6	2 23	9 25	0 48	14 0	0 18	20 17	2 9	9 54	10 11	27 52	9 15	1 47
S 16	13 34	27 44	4 56	11 50	1 34	21 15	1 31	17 34	1 20	14 22	0 58	2 7	2 23	9 26	0 48	14 1	0 18	20 17	2 9	9 51	10 9	27 53	9 14	1 47
M17	13 15	26 10	5 4	11 5	1 30	21 12	1 28	17 45	1 20	14 25	0 58	2 9	2 24	9 27	0 48	14 1	0 18	20 17	2 9	9 47	10 8	27 54	9 14	1 47
T 18	12 55	23 21	4 57	10 20	1 26	21 8	1 24	17 55	1 21	14 27	0 58	2 10	2 24	9 27	0 48	14 2	0 18	20 17	2 9	9 43	10 7	27 54	9 13	1 47
W19	12 36	19 26	4 37	9 35	1 21	21 4	1 20	18 6	1 21	14 29	0 58	2 12	2 24	9 28	0 48	14 3	0 18	20 17	2 9	9 39	10 6	27 55	9 13	1 47
T 20	12 16	14 36	4 3	8 50	1 16	20 59	1 17	18 17	1 22	14 32	0 57	2 13	2 24	9 29	0 48	14 3	0 18	20 17	2 9	9 36	10 5	27 55	9 12	1 47
F 21	11 56	9 4	3 17	8 5	1 11	20 53	1 13	18 27	1 22	14 34	0 57	2 15	2 24	9 30	0 48	14 4	0 18	20 16	2 9	9 33	10 4	27 56	9 12	1 47
S 22	11 36	3 4	2 19	7 19	1 5	20 47	1 10	18 38	1 23	14 37	0 57	2 16	2 24	9 31	0 48	14 4	0 18	20 16	2 9	9 31	10 3	27 56	9 11	1 47
S 23	11 16	3s 9	1 13	6 34	0 59	20 40	1 6	18 48	1 24	14 39	0 57	2 18	2 25	9 32	0 48	14 5	0 18	20 16	2 9	9 30	10 1	27 57	9 11	1 47
M24	10 55	9 21	0 2	5 48	0 53	20 33	1 2	18 59	1 24	14 42	0 57	2 20	2 25	9 33	0 48	14 5	0 18	20 16	2 9	9 29	10 0	27 57	9 10	1 47
T 25	10 34	15 12	1s11	5 3	0 46	20 25	0 59	19 9	1 24	14 44	0 56	2 21	2 25	9 34	0 48	14 6	0 18	20 16	2 9	9 30	9 59	27 58	9 9	1 47
W26	10 14	20 23	2 20	4 18	0 39	20 17	0 55	19 19	1 25	14 47	0 56	2 23	2 25	9 34	0 48	14 6	0 18	20 16	2 9	9 30	9 58	27 58	9 9	1 47
T 27	9 53	24 32	3 22	3 33	0 32	20 8	0 51	19 30	1 25	14 50	0 56	2 25	2 25	9 35	0 48	14 7	0 18	20 16	2 9	9 30	9 57	27 59	9 8	1 47
F 28	9 31	27 14	4 13	2 48	0 25	19 58	0 48	19 40	1 26	14 52	0 56	2 27	2 25	9 36	0 48	14 7	0 18	20 16	2 9	9 30	9 56	27 59	9 7	1 47
S 29	9 10	28 10	4 49	2 3	0 17	19 48	0 44	19 50	1 26	14 55	0 55	2 28	2 26	9 37	0 48	14 8	0 18	20 15	2 9	9 29	9 54	28 0	9 7	1 47
S 30	8 49	27 11	5 6	1 19	0 10	19 38	0 41	20 0	1 27	14 58	0 55	2 30	2 26	9 38	0 48	14 8	0 18	20 15	2 9	9 27	9 53	28 0	9 6	1 47
M31	8n27	24s23	5s 4	0n35	0n 2	19n26	0s37	20s 9	1s27	15s 0	0n55	2s32	2s26	9s39	0s48	14s 9	0s18	20n15	2s 9	9n25	9n52	28n 1	9n 5	1n47

Julian Day Number = 2514579.5, Delta T = 138.53 sec
Ecliptic obliquity = 23°25'08, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°09'07, Lahiri = 26°16'07

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2172
geocentric

SEPTEMBER 2172 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 43 13	9♍15'40	17♒33	0♎ 7	1♌36	24♏36	13♏40	29°R11	7°R 3	22°R55	16♋38	24°R11	25♈30	28♊57	18°R59	T 1
W 2	22 47 9	10°13'39	1♓52	1°37	2°46	25°14	13°48	29♓ 7	7♓ 1	22♒53	16°39	24♈ 4	25°26	29° 4	18♈57	W 2
T 3	22 51 6	11°11'40	15°55	3° 6	3°56	25°52	13°57	29° 2	6°59	22°52	16°40	23°58	25°23	29°10	18°55	T 3
F 4	22 55 3	12° 9'42	29°38	4°33	5° 6	26°30	14° 6	28°58	6°56	22°50	16°41	23°54	25°20	29°17	18°53	F 4
S 5	22 58 59	13° 7'46	12♈59	5°58	6°17	27° 8	14°16	28°54	6°54	22°49	16°42	23°51	25°17	29°24	18°51	S 5
S 6	23 2 56	14° 5'52	25°57	7°23	7°28	27°47	14°25	28°49	6°52	22°47	16°42	23°D51	25°14	29°30	18°49	S 6
M 7	23 6 52	15° 4'00	8♉35	8°45	8°38	28°25	14°34	28°45	6°49	22°46	16°43	23°52	25°11	29°37	18°47	M 7
T 8	23 10 49	16° 2'10	20°55	10° 7	9°49	29° 4	14°44	28°40	6°47	22°44	16°44	23°53	25° 7	29°44	18°44	T 8
W 9	23 14 45	17° 0'21	3♊ 0	11°27	11° 0	29°43	14°53	28°36	6°44	22°43	16°45	23°55	25° 4	29°50	18°42	W 9
T 10	23 18 42	17°58'35	14°57	12°45	12°11	0♐22	15° 3	28°31	6°42	22°41	16°46	23°R56	25° 1	29°57	18°40	T 10
F 11	23 22 38	18°56'51	26°49	14° 2	13°22	1° 1	15°13	28°27	6°40	22°40	16°47	23°55	24°58	0♋ 4	18°38	F 11
S 12	23 26 35	19°55'09	8♋42	15°17	14°33	1°40	15°22	28°22	6°38	22°39	16°48	23°54	24°55	0°11	18°35	S 12
S 13	23 30 32	20°53'29	20°40	16°31	15°44	2°20	15°32	28°18	6°35	22°37	16°48	23°50	24°51	0°17	18°33	S 13
M14	23 34 28	21°51'51	2♌47	17°43	16°56	2°59	15°42	28°13	6°33	22°36	16°49	23°46	24°48	0°24	18°31	M14
T 15	23 38 25	22°50'15	15° 7	18°53	18° 7	3°39	15°53	28° 9	6°31	22°34	16°50	23°41	24°45	0°31	18°28	T 15
W16	23 42 21	23°48'41	27°41	20° 0	19°19	4°19	16° 3	28° 4	6°28	22°33	16°51	23°36	24°42	0°37	18°26	W16
T 17	23 46 18	24°47'09	10♍31	21° 6	20°30	4°59	16°13	27°59	6°26	22°32	16°51	23°31	24°39	0°44	18°23	T 17
F 18	23 50 14	25°45'38	23°38	22°10	21°42	5°39	16°24	27°55	6°24	22°30	16°52	23°28	24°36	0°51	18°21	F 18
S 19	23 54 11	26°44'10	7♎ 0	23°11	22°54	6°19	16°34	27°50	6°22	22°29	16°53	23°25	24°32	0°58	18°18	S 19
S 20	23 58 7	27°42'43	20°35	24°10	24° 6	6°59	16°45	27°45	6°20	22°28	16°53	23°D24	24°29	1° 4	18°16	S 20
M21	0 2 4	28°41'19	4♏22	25° 7	25°18	7°40	16°55	27°41	6°17	22°27	16°54	23°25	24°26	1°11	18°13	M21
T 22	0 6 0	29°39'56	18°19	26° 0	26°30	8°20	17° 6	27°36	6°15	22°25	16°54	23°26	24°23	1°18	18°10	T 22
W23	0 9 57	0♎38'35	2♐22	26°50	27°42	9° 1	17°17	27°31	6°13	22°24	16°55	23°27	24°20	1°24	18° 8	W23
T 24	0 13 54	1°37'15	16°31	27°37	28°54	9°42	17°28	27°27	6°11	22°23	16°56	23°28	24°16	1°31	18° 5	T 24
F 25	0 17 50	2°35'57	0♑43	28°20	0♍ 7	10°23	17°39	27°22	6° 9	22°22	16°56	23°R29	24°13	1°38	18° 3	F 25
S 26	0 21 47	3°34'41	14°55	29° 0	1°19	11° 4	17°50	27°17	6° 7	22°21	16°57	23°29	24°10	1°45	18° 0	S 26
S 27	0 25 43	4°33'27	29° 7	29°35	2°31	11°45	18° 1	27°13	6° 5	22°20	16°57	23°27	24° 7	1°51	17°57	S 27
M28	0 29 40	5°32'14	13♒14	0♏ 6	3°44	12°26	18°13	27° 8	6° 3	22°18	16°58	23°25	24° 4	1°58	17°55	M28
T 29	0 33 36	6°31'03	27°14	0°32	4°56	13° 8	18°24	27° 4	6° 1	22°17	16°58	23°23	24° 1	2° 5	17°52	T 29
W30	0 37 33	7♎29'53	11♓ 4	0♏52	6♍ 9	13♐49	18♏35	26♓59	5♓59	22♒16	16♋58	23♈21	23♈57	2♋11	17♈49	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n 5	20s 3	4s43	0s 9	0s 6	19n15	0s33	20s19	1s28	15s 3	0n55	2s34	2s26	9s40	0s48	14s 9	0s18	20n15	2s 9	9n22	9n51	28n 1	9n 5	1n47
W 2	7 44	14 36	4 4	0 52	0 14	19 3	0 30	20 29	1 28	15 6	0 55	2 35	2 26	9 41	0 48	14 10	0 18	20 15	2 9	9 20	9 50	28 2	9 4	1 47
T 3	7 22	8 29	3 11	1 34	0 22	18 50	0 26	20 38	1 28	15 9	0 54	2 37	2 26	9 42	0 48	14 10	0 18	20 15	2 9	9 17	9 49	28 2	9 3	1 47
F 4	7 0	2 6	2 7	2 16	0 31	18 37	0 23	20 48	1 29	15 12	0 54	2 39	2 26	9 42	0 48	14 11	0 18	20 15	2 9	9 16	9 48	28 3	9 2	1 47
S 5	6 37	4n13	0 59	2 58	0 39	18 23	0 19	20 57	1 29	15 15	0 54	2 41	2 27	9 43	0 48	14 11	0 18	20 15	2 9	9 15	9 46	28 3	9 1	1 47
S 6	6 15	10 12	0n11	3 39	0 47	18 8	0 16	21 6	1 29	15 17	0 54	2 43	2 27	9 44	0 48	14 12	0 19	20 15	2 9	9 15	9 45	28 3	9 1	1 47
M 7	5 53	15 36	1 19	4 20	0 56	17 54	0 12	21 15	1 30	15 20	0 54	2 45	2 27	9 45	0 48	14 12	0 19	20 15	2 9	9 15	9 44	28 4	9 0	1 47
T 8	5 30	20 15	2 22	4 59	1 4	17 38	0 9	21 24	1 30	15 23	0 54	2 46	2 27	9 46	0 48	14 13	0 19	20 14	2 9	9 16	9 43	28 4	8 59	1 47
W 9	5 8	23 58	3 17	5 39	1 13	17 22	0 5	21 33	1 30	15 26	0 53	2 48	2 27	9 47	0 48	14 13	0 19	20 14	2 9	9 16	9 42	28 5	8 58	1 47
T 10	4 45	26 35	4 3	6 17	1 21	17 6	0 2	21 41	1 31	15 29	0 53	2 50	2 27	9 48	0 48	14 14	0 19	20 14	2 9	9 17	9 41	28 5	8 57	1 47
F 11	4 22	28 0	4 38	6 55	1 30	16 49	0n 1	21 50	1 31	15 32	0 53	2 52	2 27	9 49	0 48	14 14	0 19	20 14	2 9	9 16	9 39	28 5	8 56	1 47
S 12	3 59	28 8	5 1	7 32	1 38	16 32	0 5	21 58	1 31	15 35	0 53	2 54	2 27	9 49	0 48	14 15	0 19	20 14	2 9	9 16	9 38	28 6	8 55	1 47
S 13	3 36	26 57	5 11	8 8	1 47	16 14	0 8	22 6	1 32	15 38	0 53	2 56	2 27	9 50	0 48	14 15	0 19	20 14	2 9	9 15	9 37	28 6	8 54	1 47
M14	3 13	24 31	5 8	8 43	1 55	15 56	0 11	22 14	1 32	15 42	0 52	2 58	2 27	9 51	0 48	14 16	0 19	20 14	2 9	9 13	9 36	28 6	8 53	1 47
T 15	2 50	20 55	4 50	9 17	2 3	15 37	0 14	22 22	1 32	15 45	0 52	3 0	2 28	9 52	0 48	14 16	0 19	20 14	2 9	9 11	9 35	28 7	8 52	1 47
W16	2 27	16 19	4 19	9 51	2 12	15 18	0 18	22 30	1 32	15 48	0 52	3 2	2 28	9 53	0 48	14 17	0 19	20 14	2 9	9 9	9 34	28 7	8 52	1 47
T 17	2 4	10 54	3 33	10 23	2 20	14 58	0 21	22 38	1 33	15 51	0 52	3 3	2 28	9 54	0 48	14 17	0 19	20 14	2 9	9 8	9 32	28 7	8 51	1 46
F 18	1 41	4 55	2 36	10 54	2 28	14 38	0 24	22 45	1 33	15 54	0 52	3 5	2 28	9 54	0 48	14 18	0 19	20 14	2 9	9 6	9 31	28 8	8 50	1 46
S 19	1 18	1s25	1 29	11 24	2 35	14 18	0 27	22 52	1 33	15 57	0 52	3 7	2 28	9 55	0 48	14 18	0 19	20 14	2 9	9 5	9 30	28 8	8 49	1 46
S 20	0 55	7 48	0 15	11 53	2 43	13 57	0 30	22 59	1 33	16 0	0 51	3 9	2 28	9 56	0 48	14 18	0 19	20 14	2 9	9 5	9 29	28 8	8 48	1 46
M21	0 31	13 54	1s 0	12 21	2 50	13 36	0 33	23 6	1 33	16 3	0 51	3 11	2 28	9 57	0 48	14 19	0 19	20 13	2 9	9 5	9 28	28 9	8 47	1 46
T 22	0 8	19 23	2 13	12 47	2 57	13 14	0 36	23 13	1 34	16 7	0 51	3 13	2 28	9 57	0 48	14 19	0 19	20 13	2 9	9 6	9 27	28 9	8 46	1 46
W23	0s15	23 51	3 18	13 11	3 4	12 52	0 38	23 20	1 34	16 10	0 51	3 15	2 28	9 58	0 48	14 20	0 19	20 13	2 9	9 6	9 25	28 9	8 44	1 46
T 24	0 39	26 55	4 12	13 34	3 10	12 29	0 41	23 26	1 34	16 13	0 51	3 17	2 28	9 59	0 48	14 20	0 19	20 13	2 9	9 7	9 24	28 9	8 43	1 46
F 25	1 2	28 16	4 51	13 55	3 16	12 7	0 44	23 32	1 34	16 16	0 51	3 18	2 28	10 0	0 48	14 20	0 19	20 13	2 9	9 7	9 23	28 10	8 42	1 46
S 26	1 25	27 45	5 11	14 15	3 21	11 43	0 47	23 38	1 34	16 20	0 50	3 20	2 28	10 0	0 48	14 21	0 19	20 13	2 9	9 7	9 22	28 10	8 41	1 46
S 27	1 49	25 26	5 13	14 32	3 26	11 20	0 49	23 44	1 34	16 23	0 50	3 22	2 28	10 1	0 48	14 21	0 19	20 13	2 9	9 6	9 21	28 10	8 40	1 46
M28	2 12	21 34	4 56	14 47	3 31	10 56	0 52	23 50	1 35	16 26	0 50	3 24	2 28	10 2	0 48	14 21	0 19	20 13	2 9	9 5	9 20	28 10	8 39	1 46
T 29	2 35	16 31	4 22	14 59	3 34	10 32	0 54	23 55	1 35	16 29	0 50	3 26	2 28	10 3	0 48	14 22	0 19	20 13	2 9	9 5	9 18	28 11	8 38	1 46
W30	2s58	10s41	3s32	15s 9	3s37	10n 7	0n57	24s 1	1s35	16s33	0n50	3s28	2s28	10s 3	0s48	14s22	0s19	20n13	2s 9	9n 4	9n17	28n11	8n37	1n46

Julian Day Number = 2514610.5, Delta T = 138.60 sec
Ecliptic obliquity = 23°25'09, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°09'11, Lahiri = 26°16'12

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2172
geocentric

OCTOBER 2172 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 41 29	8♎28'46	24♓41	1♏ 7	7♍22	14♐31	18♏47	26°R55	5°R57	22°R15	16♋59	23°R19	23♈54	2♋18	17°R46	T 1
F 2	0 45 26	9°27'40	8♈ 3	1°15	8°35	15°13	18°58	26♓50	5♓55	22♒14	16°59	23♈18	23°51	2°25	17♈44	F 2
S 3	0 49 23	10°26'36	21° 9	1°R17	9°48	15°55	19°10	26°46	5°53	22°13	17° 0	23°D17	23°48	2°32	17°41	S 3
S 4	0 53 19	11°25'35	3♉57	1°12	11° 0	16°37	19°22	26°41	5°52	22°12	17° 0	23°18	23°45	2°38	17°38	S 4
M 5	0 57 16	12°24'35	16°29	1° 0	12°13	17°19	19°33	26°37	5°50	22°12	17° 0	23°18	23°42	2°45	17°35	M 5
T 6	1 1 12	13°23'38	28°46	0°40	13°27	18° 1	19°45	26°33	5°48	22°11	17° 0	23°19	23°38	2°52	17°33	T 6
W 7	1 5 9	14°22'43	10♊52	0°13	14°40	18°43	19°57	26°28	5°46	22°10	17° 1	23°20	23°35	2°58	17°30	W 7
T 8	1 9 5	15°21'50	22°48	29♎37	15°53	19°25	20° 9	26°24	5°45	22° 9	17° 1	23°21	23°32	3° 5	17°27	T 8
F 9	1 13 2	16°21'00	4♋41	28°54	17° 6	20° 8	20°21	26°20	5°43	22° 8	17° 1	23°22	23°29	3°12	17°24	F 9
S 10	1 16 58	17°20'12	16°34	28° 3	18°20	20°50	20°33	26°16	5°41	22° 7	17° 1	23°R22	23°26	3°19	17°22	S 10
S 11	1 20 55	18°19'26	28°32	27° 6	19°33	21°33	20°45	26°11	5°40	22° 7	17° 1	23°22	23°22	3°25	17°19	S 11
M12	1 24 52	19°18'43	10♌39	26° 2	20°47	22°16	20°57	26° 7	5°38	22° 6	17° 2	23°21	23°19	3°32	17°16	M12
T 13	1 28 48	20°18'01	23° 0	24°55	22° 0	22°59	21° 9	26° 3	5°37	22° 5	17° 2	23°21	23°16	3°39	17°13	T 13
W14	1 32 45	21°17'22	5♍39	23°44	23°14	23°42	21°22	25°59	5°35	22° 5	17° 2	23°21	23°13	3°45	17°11	W14
T 15	1 36 41	22°16'45	18°37	22°32	24°27	24°25	21°34	25°55	5°34	22° 4	17° 2	23°21	23°10	3°52	17° 8	T 15
F 16	1 40 38	23°16'11	1♎57	21°20	25°41	25° 8	21°46	25°52	5°33	22° 3	17° 2	23°D20	23° 7	3°59	17° 5	F 16
S 17	1 44 34	24°15'38	15°37	20°12	26°55	25°51	21°59	25°48	5°31	22° 3	17°R 2	23°21	23° 3	4° 6	17° 2	S 17
S 18	1 48 31	25°15'08	29°37	19° 8	28° 9	26°34	22°11	25°44	5°30	22° 2	17° 2	23°R21	23° 0	4°12	16°59	S 18
M19	1 52 27	26°14'39	13♏51	18°11	29°23	27°18	22°24	25°40	5°29	22° 2	17° 2	23°20	22°57	4°19	16°57	M19
T 20	1 56 24	27°14'13	28°16	17°22	0♎37	28° 1	22°36	25°37	5°27	22° 1	17° 2	23°20	22°54	4°26	16°54	T 20
W21	2 0 21	28°13'49	12♐46	16°43	1°50	28°45	22°49	25°33	5°26	22° 1	17° 2	23°20	22°51	4°32	16°51	W21
T 22	2 4 17	29°13'26	27°16	16°14	3° 5	29°29	23° 1	25°30	5°25	22° 1	17° 2	23°19	22°48	4°39	16°49	T 22
F 23	2 8 14	0♏13'05	11♑41	15°57	4°19	0♑12	23°14	25°26	5°24	22° 0	17° 1	23°18	22°44	4°46	16°46	F 23
S 24	2 12 10	1°12'46	25°56	15°D50	5°33	0°56	23°27	25°23	5°23	22° 0	17° 1	23°D18	22°41	4°53	16°43	S 24
S 25	2 16 7	2°12'28	10♒ 1	15°55	6°47	1°40	23°40	25°20	5°22	22° 0	17° 1	23°18	22°38	4°59	16°41	S 25
M26	2 20 3	3°12'12	23°52	16°11	8° 1	2°24	23°52	25°17	5°21	21°59	17° 1	23°19	22°35	5° 6	16°38	M26
T 27	2 24 0	4°11'58	7♓30	16°37	9°15	3° 8	24° 5	25°14	5°20	21°59	17° 1	23°19	22°32	5°13	16°35	T 27
W28	2 27 56	5°11'45	20°54	17°12	10°30	3°53	24°18	25°11	5°19	21°59	17° 0	23°21	22°28	5°19	16°33	W28
T 29	2 31 53	6°11'34	4♈ 5	17°56	11°44	4°37	24°31	25° 8	5°19	21°59	17° 0	23°22	22°25	5°26	16°30	T 29
F 30	2 35 50	7°11'25	17° 3	18°48	12°58	5°21	24°44	25° 5	5°18	21°59	17° 0	23°R22	22°22	5°33	16°28	F 30
S 31	2 39 46	8♏11'17	29♈48	19♎47	14♎13	6♑ 6	24♏57	25♓ 2	5♓17	21♒58	17♋ 0	23♈22	22♈19	5♋40	16♈25	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3s22	4s26	2s31	15s17	3s39	9n43	0n59	24s 6	1s35	16s36	0n50	3s29	2s28	10s 4	0s48	14s22	0s19	20n13	2s 9	9n 3	9n16	28n11	8n36	1n46
F 2	3 45	1n55	1 23	15 21	3 41	9 18	1 1	24 10	1 35	16 39	0 50	3 31	2 28	10 5	0 48	14 23	0 19	20 13	2 9	9 3	9 15	28 11	8 35	1 46
S 3	4 8	8 4	0 12	15 22	3 41	8 52	1 3	24 15	1 35	16 42	0 49	3 33	2 28	10 5	0 48	14 23	0 19	20 13	2 9	9 3	9 14	28 11	8 34	1 46
S 4	4 31	13 45	0n59	15 19	3 40	8 27	1 6	24 19	1 35	16 46	0 49	3 35	2 28	10 6	0 48	14 23	0 19	20 13	2 9	9 3	9 13	28 12	8 33	1 46
M 5	4 54	18 45	2 5	15 12	3 37	8 1	1 8	24 24	1 35	16 49	0 49	3 36	2 28	10 7	0 48	14 24	0 19	20 13	2 9	9 3	9 11	28 12	8 31	1 46
T 6	5 17	22 52	3 4	15 2	3 33	7 35	1 10	24 28	1 35	16 52	0 49	3 38	2 28	10 7	0 48	14 24	0 19	20 13	2 9	9 3	9 10	28 12	8 30	1 46
W 7	5 40	25 55	3 54	14 47	3 28	7 8	1 12	24 31	1 35	16 56	0 49	3 40	2 28	10 8	0 48	14 24	0 19	20 13	2 9	9 4	9 9	28 12	8 29	1 45
T 8	6 3	27 46	4 33	14 28	3 21	6 42	1 14	24 35	1 35	16 59	0 49	3 41	2 28	10 8	0 48	14 25	0 19	20 13	2 9	9 4	9 8	28 12	8 28	1 45
F 9	6 25	28 20	5 0	14 4	3 12	6 15	1 15	24 38	1 35	17 2	0 49	3 43	2 28	10 9	0 48	14 25	0 19	20 13	2 9	9 4	9 7	28 12	8 27	1 45
S 10	6 48	27 36	5 15	13 36	3 1	5 48	1 17	24 41	1 35	17 6	0 49	3 45	2 28	10 10	0 48	14 25	0 19	20 13	2 9	9 4	9 6	28 13	8 26	1 45
S 11	7 11	25 35	5 16	13 3	2 49	5 20	1 19	24 44	1 35	17 9	0 48	3 46	2 27	10 10	0 48	14 25	0 19	20 13	2 9	9 4	9 4	28 13	8 25	1 45
M12	7 33	22 24	5 3	12 27	2 34	4 53	1 20	24 47	1 35	17 12	0 48	3 48	2 27	10 11	0 48	14 26	0 19	20 13	2 9	9 4	9 3	28 13	8 24	1 45
T 13	7 56	18 10	4 36	11 47	2 18	4 25	1 22	24 49	1 35	17 15	0 48	3 49	2 27	10 11	0 48	14 26	0 19	20 13	2 9	9 4	9 2	28 13	8 22	1 45
W14	8 18	13 4	3 55	11 4	2 1	3 58	1 23	24 51	1 35	17 19	0 48	3 51	2 27	10 12	0 48	14 26	0 19	20 13	2 9	9 4	9 1	28 13	8 21	1 45
T 15	8 40	7 16	3 1	10 20	1 42	3 30	1 25	24 53	1 35	17 22	0 48	3 52	2 27	10 12	0 48	14 26	0 19	20 13	2 9	9 4	9 0	28 13	8 20	1 45
F 16	9 2	1 0	1 56	9 35	1 22	3 2	1 26	24 55	1 35	17 25	0 48	3 54	2 27	10 13	0 48	14 26	0 19	20 13	2 8	9 4	8 58	28 13	8 19	1 45
S 17	9 24	5s29	0 43	8 50	1 1	2 34	1 27	24 56	1 35	17 29	0 48	3 55	2 27	10 13	0 48	14 27	0 19	20 13	2 8	9 4	8 57	28 13	8 18	1 45
S 18	9 46	11 52	0s35	8 7	0 41	2 5	1 28	24 58	1 35	17 32	0 48	3 56	2 27	10 14	0 48	14 27	0 19	20 13	2 8	9 4	8 56	28 13	8 17	1 45
M19	10 7	17 45	1 51	7 26	0 20	1 37	1 29	24 59	1 35	17 35	0 47	3 58	2 27	10 14	0 48	14 27	0 19	20 13	2 8	9 4	8 55	28 13	8 16	1 44
T 20	10 29	22 43	3 2	6 49	0 0	1 9	1 30	24 59	1 35	17 39	0 47	3 59	2 27	10 14	0 48	14 27	0 19	20 13	2 8	9 3	8 54	28 13	8 14	1 44
W21	10 50	26 18	4 1	6 17	0n19	0 40	1 31	25 0	1 35	17 42	0 47	4 0	2 27	10 15	0 48	14 27	0 19	20 13	2 8	9 3	8 53	28 13	8 13	1 44
T 22	11 11	28 8	4 45	5 49	0 36	0 11	1 32	25 0	1 35	17 45	0 47	4 2	2 26	10 15	0 48	14 27	0 19	20 13	2 8	9 3	8 51	28 14	8 12	1 44
F 23	11 32	28 3	5 10	5 27	0 53	0s17	1 33	25 0	1 35	17 49	0 47	4 3	2 26	10 16	0 48	14 27	0 19	20 13	2 8	9 3	8 50	28 14	8 11	1 44
S 24	11 53	26 7	5 16	5 11	1 7	0 46	1 34	25 0	1 35	17 52	0 47	4 4	2 26	10 16	0 47	14 28	0 19	20 13	2 8	9 3	8 49	28 14	8 10	1 44
S 25	12 14	22 35	5 3	5 1	1 21	1 15	1 34	24 59	1 34	17 55	0 47	4 5	2 26	10 16	0 47	14 28	0 19	20 13	2 8	9 3	8 48	28 14	8 9	1 44
M26	12 34	17 51	4 33	4 57	1 32	1 43	1 35	24 58	1 34	17 58	0 47	4 6	2 26	10 17	0 47	14 28	0 19	20 13	2 8	9 3	8 47	28 14	8 8	1 44
T 27	12 55	12 16	3 47	4 57	1 42	2 12	1 35	24 57	1 34	18 2	0 47	4 8	2 26	10 17	0 47	14 28	0 19	20 13	2 8	9 3	8 46	28 14	8 7	1 44
W28	13 15	6 13	2 50	5 3	1 50	2 41	1 36	24 56	1 34	18 5	0 46	4 9	2 26	10 17	0 47	14 28	0 19	20 13	2 8	9 4	8 44	28 14	8 6	1 44
T 29	13 34	0n 1	1 45	5 14	1 57	3 10	1 36	24 54	1 34	18 8	0 46	4 10	2 26	10 17	0 47	14 28	0 19	20 13	2 8	9 4	8 43	28 14	8 4	1 43
F 30	13 54	6 9	0 35	5 29	2 2	3 38	1 36	24 52	1 34	18 11	0 46	4 11	2 25	10 18	0 47	14 28	0 19	20 13	2 8	9 4	8 42	28 13	8 3	1 43
S 31	14s13	11n57	0n35	5s48	2n 6	4s 7	1n37	24s50	1s34	18s14	0n46	4s12	2s25	10s18	0s47	14s28	0s19	20n13	2s 8	9n 4	8n41	28n13	8n 2	1n43

Julian Day Number = 2514640.5, Delta T = 138.67 sec
Ecliptic obliquity = 23°25'10, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°09'15, Lahiri = 26°16'16

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2172
geocentric

NOVEMBER 2172 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 43 43	9♏11'12	12♉21	20♎52	15♎27	6♑50	25♏10	24°R59	5°R16	21°R58	16°R59	23°R21	22♈16	5♋46	16°R23	S 1
M 2	2 47 39	10°11'09	24°42	22° 3	16°42	7°35	25°23	24♓57	5♓16	21♒58	16♋59	23♈20	22°13	5°53	16♈20	M 2
T 3	2 51 36	11°11'07	6♊53	23°18	17°56	8°19	25°36	24°54	5°15	21°D58	16°58	23°17	22° 9	6° 0	16°18	T 3
W 4	2 55 32	12°11'08	18°55	24°37	19°11	9° 4	25°49	24°52	5°15	21°58	16°58	23°14	22° 6	6° 6	16°15	W 4
T 5	2 59 29	13°11'10	0♋50	25°59	20°25	9°49	26° 2	24°50	5°14	21°58	16°58	23°11	22° 3	6°13	16°13	T 5
F 6	3 3 25	14°11'15	12°42	27°24	21°40	10°33	26°15	24°47	5°14	21°59	16°57	23° 8	22° 0	6°20	16°10	F 6
S 7	3 7 22	15°11'21	24°34	28°52	22°55	11°18	26°28	24°45	5°13	21°59	16°57	23° 5	21°57	6°27	16° 8	S 7
S 8	3 11 19	16°11'30	6♌30	0♏21	24° 9	12° 3	26°42	24°43	5°13	21°59	16°56	23° 4	21°54	6°33	16° 6	S 8
M 9	3 15 15	17°11'41	18°34	1°53	25°24	12°48	26°55	24°41	5°13	21°59	16°56	23°D 3	21°50	6°40	16° 3	M 9
T 10	3 19 12	18°11'54	0♍52	3°25	26°39	13°33	27° 8	24°39	5°13	21°59	16°55	23° 4	21°47	6°47	16° 1	T 10
W11	3 23 8	19°12'08	13°27	4°58	27°54	14°19	27°21	24°38	5°12	22° 0	16°55	23° 5	21°44	6°53	15°59	W11
T 12	3 27 5	20°12'25	26°24	6°33	29° 9	15° 4	27°34	24°36	5°12	22° 0	16°54	23° 7	21°41	7° 0	15°57	T 12
F 13	3 31 1	21°12'44	9♎46	8° 8	0♏24	15°49	27°48	24°35	5°12	22° 0	16°53	23° 9	21°38	7° 7	15°55	F 13
S 14	3 34 58	22°13'04	23°34	9°43	1°38	16°34	28° 1	24°33	5°D12	22° 1	16°53	23°R 9	21°34	7°14	15°52	S 14
S 15	3 38 54	23°13'27	7♏48	11°19	2°53	17°20	28°14	24°32	5°12	22° 1	16°52	23° 8	21°31	7°20	15°50	S 15
M16	3 42 51	24°13'51	22°24	12°55	4° 8	18° 5	28°27	24°31	5°12	22° 1	16°51	23° 6	21°28	7°27	15°48	M16
T 17	3 46 48	25°14'17	7♐15	14°31	5°23	18°51	28°41	24°29	5°13	22° 2	16°51	23° 2	21°25	7°34	15°46	T 17
W18	3 50 44	26°14'45	22°13	16° 7	6°38	19°36	28°54	24°28	5°13	22° 2	16°50	22°57	21°22	7°41	15°44	W18
T 19	3 54 41	27°15'14	7♑10	17°43	7°53	20°22	29° 7	24°28	5°13	22° 3	16°49	22°52	21°19	7°47	15°42	T 19
F 20	3 58 37	28°15'44	21°56	19°19	9° 8	21° 8	29°21	24°27	5°13	22° 4	16°49	22°47	21°15	7°54	15°41	F 20
S 21	4 2 34	29°16'16	6♒27	20°55	10°24	21°53	29°34	24°26	5°14	22° 4	16°48	22°44	21°12	8° 1	15°39	S 21
S 22	4 6 30	0♐16'49	20°37	22°31	11°39	22°39	29°47	24°25	5°14	22° 5	16°47	22°42	21° 9	8° 7	15°37	S 22
M23	4 10 27	1°17'23	4♓25	24° 6	12°54	23°25	0♐ 1	24°25	5°14	22° 5	16°46	22°D42	21° 6	8°14	15°35	M23
T 24	4 14 23	2°17'58	17°53	25°42	14° 9	24°11	0°14	24°25	5°15	22° 6	16°45	22°42	21° 3	8°21	15°34	T 24
W25	4 18 20	3°18'34	1♈ 1	27°18	15°24	24°57	0°27	24°24	5°16	22° 7	16°45	22°44	21° 0	8°28	15°32	W25
T 26	4 22 17	4°19'12	13°52	28°53	16°39	25°43	0°41	24°24	5°16	22° 8	16°44	22°45	20°56	8°34	15°30	T 26
F 27	4 26 13	5°19'50	26°30	0♐28	17°54	26°29	0°54	24°D24	5°17	22° 8	16°43	22°R46	20°53	8°41	15°29	F 27
S 28	4 30 10	6°20'30	8♉56	2° 3	19°10	27°15	1° 7	24°24	5°17	22° 9	16°42	22°44	20°50	8°48	15°27	S 28
S 29	4 34 6	7°21'11	21°13	3°38	20°25	28° 1	1°21	24°24	5°18	22°10	16°41	22°40	20°47	8°54	15°26	S 29
M30	4 38 3	8♐21'54	3♊22	5♐13	21♏40	28♑47	1♐34	24♓25	5♓19	22♒11	16♋40	22♈35	20♈44	9♋ 1	15♈24	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s33	17n10	1n43	6s10	2n 8	4s36	1n37	24s48	1s33	18s18	0n46	4s13	2s25	10s18	0s47	14s28	0s19	20n13	2s 8	9n 4	8n40	28n13	8n 1	1n43
M 2	14 52	21 35	2 44	6 35	2 9	5 4	1 37	24 45	1 33	18 21	0 46	4 13	2 25	10 18	0 47	14 28	0 19	20 13	2 8	9 3	8 38	28 13	8 0	1 43
T 3	15 10	25 1	3 37	7 2	2 10	5 33	1 37	24 42	1 33	18 24	0 46	4 14	2 25	10 18	0 47	14 28	0 19	20 13	2 8	9 2	8 37	28 13	7 59	1 43
W 4	15 29	27 16	4 20	7 32	2 9	6 1	1 36	24 39	1 33	18 27	0 46	4 15	2 25	10 19	0 47	14 28	0 19	20 13	2 8	9 1	8 36	28 13	7 58	1 43
T 5	15 47	28 16	4 51	8 3	2 8	6 29	1 36	24 36	1 32	18 30	0 46	4 16	2 24	10 19	0 47	14 28	0 19	20 13	2 8	9 0	8 35	28 13	7 57	1 43
F 6	16 5	27 56	5 9	8 35	2 5	6 57	1 36	24 32	1 32	18 34	0 46	4 17	2 24	10 19	0 47	14 28	0 19	20 13	2 8	8 59	8 34	28 13	7 56	1 43
S 7	16 23	26 20	5 14	9 9	2 2	7 25	1 36	24 28	1 32	18 37	0 46	4 17	2 24	10 19	0 47	14 28	0 19	20 13	2 8	8 58	8 33	28 13	7 55	1 42
S 8	16 40	23 34	5 6	9 44	1 59	7 53	1 35	24 24	1 32	18 40	0 45	4 18	2 24	10 19	0 47	14 28	0 19	20 14	2 8	8 57	8 31	28 13	7 54	1 42
M 9	16 57	19 44	4 44	10 19	1 55	8 21	1 35	24 19	1 32	18 43	0 45	4 19	2 24	10 19	0 47	14 28	0 19	20 14	2 8	8 57	8 30	28 13	7 53	1 42
T 10	17 14	15 2	4 9	10 55	1 50	8 48	1 34	24 15	1 31	18 46	0 45	4 19	2 24	10 19	0 47	14 28	0 19	20 14	2 8	8 58	8 29	28 13	7 52	1 42
W11	17 31	9 35	3 21	11 31	1 45	9 16	1 34	24 10	1 31	18 49	0 45	4 20	2 23	10 19	0 47	14 28	0 19	20 14	2 8	8 58	8 28	28 12	7 51	1 42
T 12	17 47	3 36	2 21	12 7	1 40	9 43	1 33	24 4	1 31	18 52	0 45	4 20	2 23	10 19	0 47	14 28	0 19	20 14	2 8	8 59	8 27	28 12	7 50	1 42
F 13	18 3	2s45	1 13	12 43	1 34	10 10	1 32	23 59	1 30	18 55	0 45	4 21	2 23	10 19	0 47	14 27	0 19	20 14	2 8	8 59	8 25	28 12	7 49	1 42
S 14	18 18	9 11	0s 2	13 19	1 29	10 36	1 31	23 53	1 30	18 58	0 45	4 21	2 23	10 19	0 47	14 27	0 19	20 14	2 8	8 59	8 24	28 12	7 48	1 42
S 15	18 34	15 21	1 19	13 54	1 22	11 3	1 30	23 47	1 30	19 1	0 45	4 21	2 23	10 19	0 47	14 27	0 19	20 14	2 8	8 59	8 23	28 12	7 47	1 41
M16	18 49	20 49	2 33	14 29	1 16	11 29	1 29	23 41	1 30	19 4	0 45	4 22	2 22	10 19	0 47	14 27	0 19	20 14	2 8	8 58	8 22	28 12	7 46	1 41
T 17	19 3	25 5	3 38	15 4	1 10	11 55	1 28	23 34	1 29	19 7	0 45	4 22	2 22	10 19	0 47	14 27	0 19	20 14	2 8	8 57	8 21	28 11	7 45	1 41
W18	19 18	27 39	4 28	15 38	1 3	12 21	1 27	23 27	1 29	19 10	0 45	4 22	2 22	10 19	0 47	14 27	0 19	20 14	2 8	8 55	8 19	28 11	7 45	1 41
T 19	19 32	28 13	4 59	16 12	0 56	12 46	1 26	23 20	1 29	19 13	0 45	4 22	2 22	10 19	0 47	14 27	0 19	20 15	2 8	8 53	8 18	28 11	7 44	1 41
F 20	19 45	26 45	5 11	16 45	0 50	13 11	1 25	23 13	1 28	19 16	0 45	4 22	2 22	10 19	0 46	14 26	0 19	20 15	2 8	8 51	8 17	28 11	7 43	1 41
S 21	19 59	23 31	5 2	17 17	0 43	13 36	1 24	23 5	1 28	19 19	0 44	4 22	2 22	10 18	0 46	14 26	0 19	20 15	2 8	8 50	8 16	28 11	7 42	1 41
S 22	20 12	18 57	4 35	17 48	0 36	14 0	1 22	22 57	1 27	19 22	0 44	4 23	2 21	10 18	0 46	14 26	0 19	20 15	2 8	8 49	8 15	28 10	7 41	1 40
M23	20 24	13 29	3 52	18 19	0 29	14 25	1 21	22 49	1 27	19 25	0 44	4 23	2 21	10 18	0 46	14 26	0 19	20 15	2 8	8 49	8 14	28 10	7 40	1 40
T 24	20 36	7 31	2 58	18 49	0 22	14 48	1 20	22 41	1 27	19 28	0 44	4 23	2 21	10 18	0 46	14 26	0 19	20 15	2 8	8 50	8 12	28 10	7 40	1 40
W25	20 48	1 22	1 55	19 18	0 15	15 12	1 18	22 32	1 26	19 31	0 44	4 22	2 21	10 18	0 46	14 25	0 19	20 15	2 8	8 50	8 11	28 10	7 39	1 40
T 26	20 59	4n44	0 48	19 45	0 8	15 35	1 16	22 23	1 26	19 33	0 44	4 22	2 20	10 17	0 46	14 25	0 19	20 15	2 8	8 51	8 10	28 9	7 38	1 40
F 27	21 10	10 32	0n20	20 12	0 1	15 57	1 15	22 14	1 26	19 36	0 44	4 22	2 20	10 17	0 46	14 25	0 19	20 16	2 8	8 51	8 9	28 9	7 37	1 40
S 28	21 21	15 50	1 26	20 39	0s 5	16 19	1 13	22 5	1 25	19 39	0 44	4 22	2 20	10 17	0 46	14 24	0 19	20 16	2 8	8 50	8 8	28 9	7 37	1 40
S 29	21 31	20 25	2 28	21 4	0 12	16 41	1 12	21 56	1 25	19 42	0 44	4 22	2 20	10 16	0 46	14 24	0 19	20 16	2 8	8 49	8 6	28 9	7 36	1 39
M30	21s41	24n 6	3n21	21s28	0s19	17s 3	1n10	21s46	1s24	19s44	0n44	4s21	2s20	10s16	0s46	14s24	0s19	20n16	2s 8	8n47	8n 5	28n 8	7n35	1n39

Julian Day Number = 2514671.5, Delta T = 138.73 sec
Ecliptic obliquity = 23°25'09, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°09'20, Lahiri = 26°16'20

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2172
geocentric

DECEMBER 2172 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 41 59	9♐22'37	15♊24	6♐47	22♏55	29♑33	1♐47	24♓25	5♓20	22♒12	16°R39	22°R27	20♈40	9♋ 8	15°R23	T 1
W 2	4 45 56	10°23'22	27°22	8°22	24°10	0♒19	2° 0	24°25	5°21	22°13	16♋38	22♈17	20°37	9°15	15♈22	W 2
T 3	4 49 53	11°24'09	9♋15	9°56	25°26	1° 6	2°14	24°26	5°22	22°14	16°37	22° 7	20°34	9°21	15°20	T 3
F 4	4 53 49	12°24'56	21° 7	11°31	26°41	1°52	2°27	24°27	5°23	22°15	16°36	21°58	20°31	9°28	15°19	F 4
S 5	4 57 46	13°25'45	2♌59	13° 5	27°56	2°38	2°40	24°27	5°24	22°16	16°35	21°49	20°28	9°35	15°18	S 5
S 6	5 1 42	14°26'35	14°54	14°39	29°12	3°24	2°53	24°28	5°25	22°17	16°34	21°43	20°25	9°42	15°17	S 6
M 7	5 5 39	15°27'27	26°56	16°13	0♐27	4°11	3° 7	24°29	5°26	22°18	16°33	21°38	20°21	9°48	15°16	M 7
T 8	5 9 35	16°28'19	9♍ 9	17°47	1°42	4°57	3°20	24°30	5°27	22°20	16°32	21°36	20°18	9°55	15°15	T 8
W 9	5 13 32	17°29'14	21°38	19°22	2°58	5°44	3°33	24°32	5°28	22°21	16°31	21°D36	20°15	10° 2	15°14	W 9
T 10	5 17 28	18°30'09	4♎28	20°56	4°13	6°30	3°46	24°33	5°30	22°22	16°30	21°37	20°12	10° 8	15°13	T 10
F 11	5 21 25	19°31'05	17°43	22°30	5°28	7°17	3°59	24°34	5°31	22°23	16°29	21°R37	20° 9	10°15	15°12	F 11
S 12	5 25 22	20°32'03	1♏26	24° 4	6°44	8° 3	4°12	24°36	5°33	22°24	16°28	21°37	20° 6	10°22	15°11	S 12
S 13	5 29 18	21°33'02	15°39	25°39	7°59	8°50	4°25	24°38	5°34	22°26	16°27	21°35	20° 2	10°29	15°10	S 13
M14	5 33 15	22°34'02	0♐19	27°13	9°15	9°36	4°38	24°39	5°35	22°27	16°26	21°30	19°59	10°35	15°10	M14
T 15	5 37 11	23°35'04	15°21	28°47	10°30	10°23	4°51	24°41	5°37	22°28	16°24	21°22	19°56	10°42	15° 9	T 15
W16	5 41 8	24°36'06	0♑37	0♑22	11°45	11°10	5° 4	24°43	5°39	22°30	16°23	21°13	19°53	10°49	15° 9	W16
T 17	5 45 4	25°37'09	15°55	1°57	13° 1	11°56	5°17	24°45	5°40	22°31	16°22	21° 3	19°50	10°55	15° 8	T 17
F 18	5 49 1	26°38'12	1♒ 4	3°31	14°16	12°43	5°30	24°47	5°42	22°33	16°21	20°53	19°46	11° 2	15° 8	F 18
S 19	5 52 57	27°39'16	15°54	5° 6	15°32	13°30	5°43	24°50	5°44	22°34	16°20	20°45	19°43	11° 9	15° 7	S 19
S 20	5 56 54	28°40'20	0♓19	6°41	16°47	14°17	5°56	24°52	5°45	22°36	16°19	20°39	19°40	11°16	15° 7	S 20
M21	6 0 51	29°41'25	14°17	8°16	18° 3	15° 3	6° 9	24°55	5°47	22°37	16°17	20°36	19°37	11°22	15° 6	M21
T 22	6 4 47	0♑42'29	27°46	9°51	19°18	15°50	6°22	24°57	5°49	22°39	16°16	20°D35	19°34	11°29	15° 6	T 22
W23	6 8 44	1°43'34	10♈51	11°26	20°33	16°37	6°34	25° 0	5°51	22°40	16°15	20°35	19°31	11°36	15° 6	W23
T 24	6 12 40	2°44'40	23°35	13° 1	21°49	17°24	6°47	25° 3	5°53	22°42	16°14	20°R35	19°27	11°43	15° 6	T 24
F 25	6 16 37	3°45'45	6♉ 1	14°37	23° 4	18°11	7° 0	25° 6	5°55	22°44	16°13	20°34	19°24	11°49	15° 6	F 25
S 26	6 20 33	4°46'51	18°15	16°12	24°20	18°57	7°12	25° 9	5°57	22°45	16°11	20°31	19°21	11°56	15°D 6	S 26
S 27	6 24 30	5°47'57	0♊21	17°47	25°35	19°44	7°25	25°12	5°59	22°47	16°10	20°25	19°18	12° 3	15° 6	S 27
M28	6 28 26	6°49'03	12°20	19°22	26°51	20°31	7°37	25°15	6° 1	22°49	16° 9	20°16	19°15	12° 9	15° 6	M28
T 29	6 32 23	7°50'10	24°15	20°56	28° 6	21°18	7°50	25°18	6° 3	22°50	16° 8	20° 4	19°12	12°16	15° 6	T 29
W30	6 36 20	8°51'16	6♋ 8	22°31	29°22	22° 5	8° 2	25°21	6° 5	22°52	16° 6	19°50	19° 8	12°23	15° 6	W30
T 31	6 40 16	9♑52'23	18♋ 1	24♑ 5	0♑37	22♒52	8♐14	25♓25	6♓ 8	22♒54	16♋ 5	19♈35	19♈ 5	12♋30	15♈ 7	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s50	26n41	4n 5	21s50	0s25	17s23	1n 8	21s36	1s24	19s47	0n44	4s21	2s19	10s16	0s46	14s24	0s19	20n16	2s 8	8n44	8n 4	28n 8	7n35	1n39
W 2	21 59	28 1	4 38	22 12	0 32	17 44	1 6	21 25	1 23	19 50	0 44	4 21	2 19	10 15	0 46	14 23	0 19	20 16	2 8	8 40	8 3	28 8	7 34	1 39
T 3	22 8	28 3	4 58	22 33	0 38	18 4	1 4	21 15	1 23	19 52	0 44	4 20	2 19	10 15	0 46	14 23	0 19	20 16	2 8	8 36	8 2	28 7	7 33	1 39
F 4	22 16	26 48	5 6	22 53	0 45	18 23	1 2	21 4	1 23	19 55	0 44	4 20	2 19	10 15	0 46	14 23	0 19	20 17	2 8	8 33	8 0	28 7	7 33	1 39
S 5	22 24	24 20	5 0	23 11	0 51	18 42	1 0	20 53	1 22	19 58	0 44	4 19	2 19	10 14	0 46	14 22	0 19	20 17	2 8	8 30	7 59	28 7	7 32	1 38
S 6	22 31	20 50	4 41	23 29	0 57	19 1	0 58	20 42	1 22	20 0	0 44	4 19	2 18	10 14	0 46	14 22	0 19	20 17	2 8	8 27	7 58	28 6	7 31	1 38
M 7	22 38	16 27	4 10	23 45	1 3	19 19	0 56	20 31	1 21	20 3	0 44	4 18	2 18	10 13	0 46	14 22	0 19	20 17	2 8	8 26	7 57	28 6	7 31	1 38
T 8	22 44	11 20	3 27	24 0	1 8	19 36	0 54	20 19	1 21	20 5	0 44	4 17	2 18	10 13	0 46	14 21	0 19	20 17	2 8	8 25	7 56	28 6	7 30	1 38
W 9	22 50	5 40	2 33	24 13	1 14	19 53	0 52	20 7	1 20	20 8	0 44	4 17	2 18	10 12	0 46	14 21	0 19	20 17	2 8	8 25	7 54	28 5	7 30	1 38
T 10	22 55	0s23	1 31	24 26	1 19	20 9	0 50	19 55	1 20	20 10	0 43	4 16	2 18	10 12	0 46	14 20	0 19	20 17	2 8	8 25	7 53	28 5	7 29	1 38
F 11	23 0	6 37	0 21	24 37	1 24	20 25	0 48	19 43	1 19	20 13	0 43	4 15	2 17	10 11	0 46	14 20	0 19	20 18	2 8	8 25	7 52	28 5	7 29	1 38
S 12	23 5	12 47	0s52	24 46	1 29	20 40	0 46	19 30	1 19	20 15	0 43	4 15	2 17	10 11	0 46	14 20	0 19	20 18	2 7	8 25	7 51	28 4	7 28	1 37
S 13	23 9	18 30	2 5	24 55	1 34	20 54	0 43	19 18	1 18	20 18	0 43	4 14	2 17	10 10	0 46	14 19	0 19	20 18	2 7	8 24	7 50	28 4	7 28	1 37
M14	23 13	23 19	3 11	25 2	1 39	21 8	0 41	19 5	1 18	20 20	0 43	4 13	2 17	10 10	0 46	14 19	0 19	20 18	2 7	8 22	7 48	28 3	7 28	1 37
T 15	23 16	26 41	4 6	25 8	1 43	21 22	0 39	18 52	1 17	20 23	0 43	4 12	2 17	10 9	0 46	14 18	0 19	20 18	2 7	8 20	7 47	28 3	7 27	1 37
W16	23 19	28 9	4 44	25 12	1 47	21 34	0 37	18 38	1 17	20 25	0 43	4 11	2 16	10 8	0 45	14 18	0 19	20 18	2 7	8 16	7 46	28 3	7 27	1 37
T 17	23 21	27 28	5 1	25 15	1 51	21 47	0 34	18 25	1 16	20 27	0 43	4 10	2 16	10 8	0 45	14 17	0 19	20 19	2 7	8 12	7 45	28 2	7 26	1 37
F 18	23 23	24 45	4 58	25 17	1 55	21 58	0 32	18 11	1 16	20 30	0 43	4 9	2 16	10 7	0 45	14 17	0 19	20 19	2 7	8 9	7 44	28 2	7 26	1 36
S 19	23 24	20 25	4 34	25 17	1 58	22 9	0 29	17 57	1 15	20 32	0 43	4 8	2 16	10 6	0 45	14 16	0 19	20 19	2 7	8 6	7 42	28 1	7 26	1 36
S 20	23 25	14 59	3 54	25 16	2 1	22 19	0 27	17 43	1 15	20 34	0 43	4 7	2 16	10 6	0 45	14 16	0 19	20 19	2 7	8 3	7 41	28 1	7 26	1 36
M21	23 25	8 57	3 0	25 13	2 4	22 28	0 25	17 29	1 14	20 36	0 43	4 5	2 15	10 5	0 45	14 15	0 19	20 19	2 7	8 2	7 40	28 0	7 25	1 36
T 22	23 25	2 41	1 58	25 9	2 6	22 37	0 22	17 15	1 13	20 39	0 43	4 4	2 15	10 4	0 45	14 15	0 19	20 20	2 7	8 2	7 39	28 0	7 25	1 36
W23	23 24	3n30	0 51	25 3	2 8	22 45	0 20	17 0	1 13	20 41	0 43	4 3	2 15	10 4	0 45	14 14	0 19	20 20	2 7	8 2	7 38	27 59	7 25	1 36
T 24	23 23	9 24	0n16	24 56	2 10	22 53	0 17	16 45	1 12	20 43	0 43	4 2	2 15	10 3	0 45	14 14	0 19	20 20	2 7	8 2	7 36	27 59	7 25	1 35
F 25	23 22	14 47	1 21	24 47	2 11	22 59	0 15	16 30	1 12	20 45	0 43	4 0	2 14	10 2	0 45	14 13	0 19	20 20	2 7	8 2	7 35	27 58	7 24	1 35
S 26	23 20	19 30	2 21	24 37	2 12	23 5	0 13	16 15	1 11	20 47	0 43	3 59	2 14	10 1	0 45	14 13	0 19	20 20	2 7	8 0	7 34	27 58	7 24	1 35
S 27	23 18	23 22	3 14	24 25	2 12	23 11	0 10	16 0	1 11	20 49	0 43	3 58	2 14	10 1	0 45	14 12	0 19	20 21	2 7	7 58	7 33	27 57	7 24	1 35
M28	23 15	26 10	3 57	24 12	2 12	23 15	0 8	15 45	1 10	20 51	0 43	3 56	2 14	10 0	0 45	14 12	0 19	20 21	2 7	7 55	7 32	27 57	7 24	1 35
T 29	23 11	27 47	4 30	23 57	2 11	23 19	0 5	15 29	1 9	20 53	0 43	3 55	2 14	9 59	0 45	14 11	0 19	20 21	2 7	7 50	7 30	27 56	7 24	1 35
W30	23 7	28 7	4 51	23 41	2 10	23 22	0 3	15 13	1 9	20 55	0 43	3 53	2 14	9 58	0 45	14 11	0 19	20 21	2 7	7 45	7 29	27 56	7 24	1 35
T 31	23s 3	27n 9	4n59	23s23	2s 9	23s25	0n 0	14s58	1s 8	20s57	0n43	3s52	2s13	9s57	0s45	14s10	0s19	20n21	2s 7	7n39	7n28	27n55	7n24	1n34

Julian Day Number = 2514701.5, Delta T = 138.80 sec
Ecliptic obliquity = 23°25'08, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°09'24, Lahiri = 26°16'24

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2173
geocentric

JANUARY 2173 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 44 13	10♉53'30	29♋54	25♉39	1♉53	23♒38	8♐27	25♓28	6♓10	22♒56	16°R 4	19°R20	19♈ 2	12♋36	15♈ 7	F 1
S 2	6 48 9	11°54'38	11♌49	27°12	3° 8	24°25	8°39	25°32	6°12	22°57	16♋ 3	19♈ 7	18°59	12°43	15° 7	S 2
S 3	6 52 6	12°55'45	23°48	28°44	4°23	25°12	8°51	25°36	6°15	22°59	16° 1	18°56	18°56	12°50	15° 8	S 3
M 4	6 56 2	13°56'53	5♍53	0♒15	5°39	25°59	9° 3	25°40	6°17	23° 1	16° 0	18°48	18°52	12°56	15° 8	M 4
T 5	6 59 59	14°58'01	18° 7	1°44	6°54	26°46	9°15	25°43	6°19	23° 3	15°59	18°43	18°49	13° 3	15° 9	T 5
W 6	7 3 56	15°59'10	0♎34	3°12	8°10	27°33	9°27	25°47	6°22	23° 5	15°58	18°41	18°46	13°10	15° 9	W 6
T 7	7 7 52	17° 0'18	13°19	4°39	9°25	28°20	9°39	25°52	6°24	23° 7	15°56	18°40	18°43	13°17	15°10	T 7
F 8	7 11 49	18° 1'27	26°25	6° 3	10°41	29° 7	9°51	25°56	6°27	23° 9	15°55	18°40	18°40	13°23	15°11	F 8
S 9	7 15 45	19° 2'37	9♏58	7°24	11°56	29°54	10° 3	26° 0	6°29	23°11	15°54	18°39	18°37	13°30	15°12	S 9
S 10	7 19 42	20° 3'46	23°58	8°42	13°12	0♓41	10°15	26° 4	6°32	23°13	15°53	18°37	18°33	13°37	15°12	S 10
M11	7 23 38	21° 4'56	8♐28	9°56	14°27	1°27	10°26	26° 9	6°35	23°15	15°51	18°31	18°30	13°44	15°13	M11
T 12	7 27 35	22° 6'05	23°22	11° 6	15°43	2°14	10°38	26°13	6°37	23°17	15°50	18°23	18°27	13°50	15°14	T 12
W13	7 31 31	23° 7'15	8♑35	12°10	16°58	3° 1	10°50	26°18	6°40	23°19	15°49	18°12	18°24	13°57	15°15	W13
T 14	7 35 28	24° 8'24	23°56	13° 8	18°14	3°48	11° 1	26°22	6°43	23°21	15°48	18° 0	18°21	14° 4	15°16	T 14
F 15	7 39 25	25° 9'33	9♒14	14° 0	19°29	4°35	11°12	26°27	6°45	23°23	15°47	17°49	18°18	14°10	15°17	F 15
S 16	7 43 21	26°10'42	24°16	14°44	20°45	5°22	11°24	26°32	6°48	23°25	15°45	17°39	18°14	14°17	15°19	S 16
S 17	7 47 18	27°11'50	8♓55	15°19	22° 0	6° 9	11°35	26°37	6°51	23°27	15°44	17°31	18°11	14°24	15°20	S 17
M18	7 51 14	28°12'57	23° 5	15°45	23°16	6°56	11°46	26°42	6°54	23°29	15°43	17°27	18° 8	14°31	15°21	M18
T 19	7 55 11	29°14'04	6♈45	16° 1	24°31	7°43	11°57	26°47	6°57	23°31	15°42	17°25	18° 5	14°37	15°22	T 19
W20	7 59 7	0♒15'09	19°56	16°R 5	25°46	8°29	12° 8	26°52	7° 0	23°33	15°40	17°D25	18° 2	14°44	15°24	W20
T 21	8 3 4	1°16'14	2♉42	15°58	27° 2	9°16	12°19	26°57	7° 3	23°35	15°39	17°R25	17°58	14°51	15°25	T 21
F 22	8 7 0	2°17'18	15° 8	15°40	28°17	10° 3	12°30	27° 3	7° 6	23°38	15°38	17°24	17°55	14°58	15°27	F 22
S 23	8 10 57	3°18'22	27°19	15° 9	29°33	10°50	12°40	27° 8	7° 9	23°40	15°37	17°22	17°52	15° 4	15°28	S 23
S 24	8 14 54	4°19'24	9♊19	14°28	0♒48	11°37	12°51	27°13	7°12	23°42	15°36	17°16	17°49	15°11	15°30	S 24
M25	8 18 50	5°20'26	21°14	13°37	2° 4	12°23	13° 2	27°19	7°15	23°44	15°34	17° 8	17°46	15°18	15°31	M25
T 26	8 22 47	6°21'26	3♋ 5	12°36	3°19	13°10	13°12	27°24	7°18	23°46	15°33	16°58	17°43	15°24	15°33	T 26
W27	8 26 43	7°22'26	14°57	11°29	4°34	13°57	13°22	27°30	7°21	23°48	15°32	16°45	17°39	15°31	15°35	W27
T 28	8 30 40	8°23'25	26°51	10°16	5°50	14°44	13°33	27°36	7°24	23°51	15°31	16°31	17°36	15°38	15°36	T 28
F 29	8 34 36	9°24'23	8♌48	9° 1	7° 5	15°30	13°43	27°41	7°27	23°53	15°30	16°18	17°33	15°45	15°38	F 29
S 30	8 38 33	10°25'20	20°50	7°45	8°20	16°17	13°53	27°47	7°30	23°55	15°29	16° 6	17°30	15°51	15°40	S 30
S 31	8 42 29	11♒26'16	2♍57	6♒31	9♒36	17♓ 4	14♐ 3	27♓53	7♓33	23♒57	15♋28	15♈56	17♈27	15♋58	15♈42	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22s58	24n57	4n54	23s 4	2s 7	23s26	0s 2	14s42	1s 8	20s59	0n43	3s50	2s13	9s56	0s45	14s 9	0s19	20n22	2s 7	7n34	7n27	27n55	7n24	1n34
S 2	22 53	21 39	4 37	22 44	2 4	23 27	0 5	14 25	1 7	21 1	0 43	3 48	2 13	9 55	0 45	14 9	0 19	20 22	2 7	7 29	7 26	27 54	7 24	1 34
S 3	22 47	17 27	4 7	22 22	2 0	23 28	0 7	14 9	1 6	21 3	0 43	3 47	2 13	9 55	0 45	14 8	0 19	20 22	2 6	7 25	7 24	27 54	7 24	1 34
M 4	22 41	12 31	3 25	21 58	1 56	23 27	0 9	13 53	1 6	21 5	0 43	3 45	2 13	9 54	0 45	14 8	0 19	20 22	2 6	7 22	7 23	27 53	7 24	1 34
T 5	22 35	7 3	2 34	21 34	1 51	23 26	0 12	13 36	1 5	21 7	0 43	3 43	2 12	9 53	0 45	14 7	0 19	20 22	2 6	7 20	7 22	27 52	7 24	1 34
W 6	22 28	1 13	1 34	21 8	1 46	23 24	0 14	13 19	1 5	21 9	0 43	3 42	2 12	9 52	0 45	14 6	0 19	20 23	2 6	7 19	7 21	27 52	7 24	1 33
T 7	22 20	4s49	0 28	20 42	1 39	23 22	0 17	13 3	1 4	21 10	0 43	3 40	2 12	9 51	0 45	14 6	0 19	20 23	2 6	7 19	7 20	27 51	7 24	1 33
F 8	22 12	10 49	0s41	20 14	1 32	23 18	0 19	12 46	1 3	21 12	0 43	3 38	2 12	9 50	0 45	14 5	0 19	20 23	2 6	7 19	7 18	27 51	7 24	1 33
S 9	22 4	16 32	1 50	19 46	1 24	23 14	0 21	12 29	1 3	21 14	0 43	3 36	2 12	9 49	0 45	14 5	0 19	20 23	2 6	7 18	7 17	27 50	7 24	1 33
S 10	21 55	21 34	2 55	19 17	1 15	23 9	0 24	12 11	1 2	21 16	0 43	3 34	2 12	9 48	0 45	14 4	0 19	20 23	2 6	7 17	7 16	27 49	7 25	1 33
M11	21 46	25 29	3 50	18 47	1 5	23 4	0 26	11 54	1 1	21 17	0 43	3 32	2 11	9 47	0 45	14 3	0 19	20 24	2 6	7 15	7 15	27 49	7 25	1 33
T 12	21 36	27 47	4 32	18 18	0 54	22 58	0 28	11 37	1 1	21 19	0 43	3 30	2 11	9 46	0 45	14 3	0 19	20 24	2 6	7 12	7 14	27 48	7 25	1 32
W13	21 26	28 4	4 56	17 48	0 42	22 51	0 30	11 19	1 0	21 20	0 43	3 29	2 11	9 45	0 45	14 2	0 19	20 24	2 6	7 8	7 12	27 47	7 25	1 32
T 14	21 16	26 12	4 58	17 19	0 29	22 43	0 33	11 2	0 59	21 22	0 43	3 27	2 11	9 44	0 45	14 1	0 19	20 24	2 6	7 3	7 11	27 47	7 26	1 32
F 15	21 5	22 25	4 39	16 51	0 15	22 35	0 35	10 44	0 59	21 24	0 43	3 24	2 11	9 43	0 45	14 1	0 19	20 24	2 6	6 59	7 10	27 46	7 26	1 32
S 16	20 54	17 13	4 1	16 24	0n 0	22 26	0 37	10 26	0 58	21 25	0 43	3 22	2 11	9 42	0 45	14 0	0 19	20 25	2 6	6 55	7 9	27 45	7 26	1 32
S 17	20 42	11 8	3 8	15 58	0 16	22 16	0 39	10 8	0 57	21 27	0 43	3 20	2 10	9 41	0 45	13 59	0 19	20 25	2 6	6 52	7 8	27 45	7 26	1 32
M18	20 30	4 39	2 5	15 35	0 33	22 6	0 41	9 50	0 57	21 28	0 43	3 18	2 10	9 40	0 45	13 59	0 19	20 25	2 6	6 51	7 6	27 44	7 27	1 32
T 19	20 18	1n49	0 56	15 13	0 50	21 55	0 43	9 32	0 56	21 30	0 43	3 16	2 10	9 39	0 44	13 58	0 19	20 25	2 5	6 50	7 5	27 43	7 27	1 31
W20	20 5	7 59	0n13	14 55	1 8	21 43	0 45	9 14	0 55	21 31	0 43	3 14	2 10	9 37	0 44	13 57	0 19	20 25	2 5	6 50	7 4	27 43	7 28	1 31
T 21	19 52	13 39	1 20	14 39	1 27	21 31	0 47	8 56	0 55	21 33	0 43	3 12	2 10	9 36	0 44	13 56	0 19	20 26	2 5	6 50	7 3	27 42	7 28	1 31
F 22	19 38	18 37	2 21	14 27	1 45	21 18	0 49	8 38	0 54	21 34	0 43	3 9	2 10	9 35	0 44	13 56	0 19	20 26	2 5	6 50	7 1	27 41	7 28	1 31
S 23	19 24	22 42	3 14	14 19	2 3	21 4	0 51	8 19	0 53	21 35	0 43	3 7	2 9	9 34	0 44	13 55	0 19	20 26	2 5	6 49	7 0	27 40	7 29	1 31
S 24	19 10	25 45	3 58	14 14	2 21	20 50	0 53	8 1	0 53	21 37	0 43	3 5	2 9	9 33	0 44	13 54	0 19	20 26	2 5	6 47	6 59	27 40	7 29	1 31
M25	18 55	27 38	4 31	14 13	2 37	20 35	0 55	7 42	0 52	21 38	0 43	3 3	2 9	9 32	0 44	13 54	0 19	20 27	2 5	6 44	6 58	27 39	7 30	1 30
T 26	18 40	28 15	4 52	14 16	2 52	20 19	0 57	7 24	0 51	21 39	0 43	3 0	2 9	9 31	0 44	13 53	0 19	20 27	2 5	6 39	6 57	27 38	7 30	1 30
W27	18 25	27 34	5 1	14 21	3 5	20 3	0 59	7 5	0 50	21 40	0 43	2 58	2 9	9 29	0 44	13 52	0 19	20 27	2 5	6 35	6 55	27 37	7 31	1 30
T 28	18 9	25 37	4 56	14 30	3 16	19 46	1 0	6 47	0 50	21 42	0 43	2 55	2 9	9 28	0 44	13 52	0 19	20 27	2 5	6 29	6 54	27 37	7 31	1 30
F 29	17 53	22 31	4 39	14 42	3 25	19 29	1 2	6 28	0 49	21 43	0 43	2 53	2 9	9 27	0 44	13 51	0 19	20 27	2 5	6 24	6 53	27 36	7 32	1 30
S 30	17 37	18 28	4 8	14 55	3 31	19 11	1 4	6 9	0 48	21 44	0 43	2 51	2 9	9 26	0 44	13 50	0 19	20 28	2 5	6 20	6 52	27 35	7 33	1 30
S 31	17s20	13n37	3n27	15s10	3n35	18s53	1s 5	5s50	0s48	21s45	0n43	2s48	2s 8	9s25	0s44	13s49	0s19	20n28	2s 5	6n16	6n51	27n34	7n33	1n30

Julian Day Number = 2514732.5, Delta T = 138.87 sec
Ecliptic obliquity = 23°25'08, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°09'28, Lahiri = 26°16'29

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2173
geocentric

FEBRUARY 2173 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 46 26	12♒27'11	15♍12	5°R20	10♒51	17♓50	14♐13	27♓59	7♓37	24♒ 0	15°R26	15°R49	17♈24	16♋ 5	15♈44	M 1
T 2	8 50 23	13°28'06	27°36	4♒14	12° 7	18°37	14°22	28° 5	7°40	24° 2	15♋25	15♈45	17°20	16°12	15°46	T 2
W 3	8 54 19	14°29'00	10♎11	3°16	13°22	19°23	14°32	28°11	7°43	24° 4	15°24	15°D43	17°17	16°18	15°48	W 3
T 4	8 58 16	15°29'53	23° 0	2°24	14°37	20°10	14°42	28°17	7°46	24° 6	15°23	15°43	17°14	16°25	15°50	T 4
F 5	9 2 12	16°30'45	6♏ 6	1°41	15°53	20°57	14°51	28°23	7°49	24° 9	15°22	15°44	17°11	16°32	15°52	F 5
S 6	9 6 9	17°31'36	19°33	1° 7	17° 8	21°43	15° 0	28°30	7°53	24°11	15°21	15°R44	17° 8	16°38	15°55	S 6
S 7	9 10 5	18°32'27	3♐22	0°41	18°23	22°30	15° 9	28°36	7°56	24°13	15°20	15°43	17° 4	16°45	15°57	S 7
M 8	9 14 2	19°33'17	17°36	0°23	19°38	23°16	15°19	28°42	7°59	24°15	15°19	15°40	17° 1	16°52	15°59	M 8
T 9	9 17 58	20°34'06	2♑11	0°14	20°54	24° 3	15°28	28°49	8° 3	24°18	15°18	15°34	16°58	16°59	16° 1	T 9
W10	9 21 55	21°34'54	17° 5	0°D12	22° 9	24°49	15°36	28°55	8° 6	24°20	15°17	15°27	16°55	17° 5	16° 4	W10
T 11	9 25 52	22°35'41	2♒ 9	0°18	23°24	25°35	15°45	29° 1	8° 9	24°22	15°16	15°18	16°52	17°12	16° 6	T 11
F 12	9 29 48	23°36'27	17°14	0°30	24°40	26°22	15°54	29° 8	8°13	24°25	15°15	15°10	16°49	17°19	16° 9	F 12
S 13	9 33 45	24°37'11	2♓10	0°49	25°55	27° 8	16° 2	29°15	8°16	24°27	15°14	15° 3	16°45	17°25	16°11	S 13
S 14	9 37 41	25°37'54	16°49	1°14	27°10	27°54	16°10	29°21	8°20	24°29	15°13	14°57	16°42	17°32	16°14	S 14
M15	9 41 38	26°38'36	1♈ 3	1°44	28°25	28°41	16°19	29°28	8°23	24°31	15°12	14°54	16°39	17°39	16°16	M15
T 16	9 45 34	27°39'16	14°50	2°19	29°41	29°27	16°27	29°35	8°26	24°34	15°12	14°D53	16°36	17°46	16°19	T 16
W17	9 49 31	28°39'54	28° 9	2°58	0♓56	0♈13	16°35	29°41	8°30	24°36	15°11	14°54	16°33	17°52	16°21	W17
T 18	9 53 27	29°40'31	11♉ 3	3°42	2°11	0°59	16°43	29°48	8°33	24°38	15°10	14°56	16°30	17°59	16°24	T 18
F 19	9 57 24	0♓41'06	23°34	4°29	3°26	1°46	16°50	29°55	8°37	24°41	15° 9	14°57	16°26	18° 6	16°27	F 19
S 20	10 1 21	1°41'39	5♊49	5°20	4°41	2°32	16°58	0♈ 2	8°40	24°43	15° 8	14°R57	16°23	18°13	16°30	S 20
S 21	10 5 17	2°42'11	17°51	6°15	5°56	3°18	17° 5	0° 9	8°43	24°45	15° 7	14°55	16°20	18°19	16°32	S 21
M22	10 9 14	3°42'40	29°45	7°12	7°12	4° 4	17°12	0°16	8°47	24°47	15° 7	14°52	16°17	18°26	16°35	M22
T 23	10 13 10	4°43'08	11♋36	8°12	8°27	4°50	17°20	0°23	8°50	24°50	15° 6	14°47	16°14	18°33	16°38	T 23
W24	10 17 7	5°43'34	23°28	9°15	9°42	5°36	17°27	0°30	8°54	24°52	15° 5	14°41	16°10	18°39	16°41	W24
T 25	10 21 3	6°43'59	5♌24	10°20	10°57	6°22	17°33	0°37	8°57	24°54	15° 4	14°33	16° 7	18°46	16°44	T 25
F 26	10 25 0	7°44'21	17°27	11°27	12°12	7° 8	17°40	0°44	9° 1	24°56	15° 4	14°26	16° 4	18°53	16°47	F 26
S 27	10 28 56	8°44'42	29°37	12°37	13°27	7°54	17°47	0°51	9° 4	24°59	15° 3	14°20	16° 1	19° 0	16°50	S 27
S 28	10 32 53	9♓45'01	11♍57	13♒48	14♓42	8♈39	17♐53	0♈58	9♓ 8	25♒ 1	15♋ 2	14♈14	15♈58	19♋ 6	16♈53	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17s 3	8n12	2n35	15s26	3n36	18s34	1s 7	5s31	0s47	21s46	0n43	2s46	2s 8	9s24	0s44	13s49	0s19	20n28	2s 4	6n13	6n49	27n33	7n34	1n29
T 2	16 46	2 24	1 35	15 42	3 35	18 15	1 8	5 13	0 46	21 47	0 43	2 43	2 8	9 22	0 44	13 48	0 19	20 28	2 4	6 11	6 48	27 33	7 34	1 29
W 3	16 28	3s35	0 30	15 59	3 32	17 55	1 10	4 54	0 46	21 49	0 43	2 41	2 8	9 21	0 44	13 47	0 19	20 28	2 4	6 11	6 47	27 32	7 35	1 29
T 4	16 11	9 32	0s39	16 15	3 26	17 34	1 11	4 35	0 45	21 50	0 43	2 38	2 8	9 20	0 44	13 46	0 19	20 29	2 4	6 11	6 46	27 31	7 36	1 29
F 5	15 52	15 13	1 47	16 31	3 20	17 13	1 12	4 16	0 44	21 51	0 43	2 36	2 8	9 19	0 44	13 46	0 19	20 29	2 4	6 11	6 45	27 30	7 36	1 29
S 6	15 34	20 20	2 51	16 47	3 12	16 52	1 14	3 57	0 43	21 52	0 43	2 33	2 8	9 17	0 44	13 45	0 19	20 29	2 4	6 11	6 43	27 29	7 37	1 29
S 7	15 15	24 31	3 46	17 1	3 2	16 30	1 15	3 38	0 43	21 53	0 43	2 31	2 8	9 16	0 44	13 44	0 19	20 29	2 4	6 11	6 42	27 28	7 38	1 29
M 8	14 57	27 19	4 30	17 15	2 52	16 7	1 16	3 19	0 42	21 54	0 43	2 28	2 7	9 15	0 44	13 43	0 19	20 29	2 4	6 10	6 41	27 28	7 39	1 28
T 9	14 37	28 21	4 57	17 27	2 41	15 44	1 17	3 0	0 41	21 54	0 43	2 25	2 7	9 14	0 44	13 43	0 19	20 30	2 4	6 8	6 40	27 27	7 39	1 28
W10	14 18	27 23	5 5	17 39	2 30	15 21	1 18	2 41	0 41	21 55	0 43	2 23	2 7	9 12	0 44	13 42	0 19	20 30	2 4	6 5	6 38	27 26	7 40	1 28
T 11	13 58	24 25	4 52	17 49	2 18	14 57	1 19	2 22	0 40	21 56	0 43	2 20	2 7	9 11	0 44	13 41	0 19	20 30	2 4	6 1	6 37	27 25	7 41	1 28
F 12	13 38	19 46	4 19	17 58	2 6	14 33	1 20	2 3	0 39	21 57	0 43	2 17	2 7	9 10	0 44	13 40	0 19	20 30	2 3	5 58	6 36	27 24	7 42	1 28
S 13	13 18	13 56	3 29	18 6	1 54	14 8	1 21	1 43	0 38	21 58	0 43	2 15	2 7	9 9	0 44	13 40	0 19	20 30	2 3	5 55	6 35	27 23	7 43	1 28
S 14	12 58	7 26	2 25	18 12	1 42	13 44	1 22	1 24	0 38	21 59	0 44	2 12	2 7	9 7	0 44	13 39	0 19	20 31	2 3	5 53	6 34	27 22	7 44	1 28
M15	12 37	0 43	1 14	18 17	1 30	13 18	1 23	1 5	0 37	22 0	0 44	2 9	2 7	9 6	0 44	13 38	0 19	20 31	2 3	5 52	6 32	27 21	7 44	1 28
T 16	12 17	5n50	0 0	18 21	1 19	12 53	1 23	0 46	0 36	22 0	0 44	2 6	2 7	9 5	0 44	13 37	0 19	20 31	2 3	5 52	6 31	27 20	7 45	1 27
W17	11 56	11 55	1n11	18 24	1 7	12 27	1 24	0 27	0 35	22 1	0 44	2 4	2 7	9 4	0 44	13 37	0 19	20 31	2 3	5 52	6 30	27 19	7 46	1 27
T 18	11 35	17 17	2 16	18 25	0 55	12 0	1 24	0 8	0 35	22 2	0 44	2 1	2 7	9 2	0 44	13 36	0 19	20 31	2 3	5 53	6 29	27 19	7 47	1 27
F 19	11 13	21 46	3 14	18 24	0 44	11 33	1 25	0n11	0 34	22 3	0 44	1 58	2 7	9 1	0 44	13 35	0 19	20 32	2 3	5 53	6 27	27 18	7 48	1 27
S 20	10 52	25 12	4 0	18 23	0 33	11 7	1 25	0 30	0 33	22 3	0 44	1 55	2 6	9 0	0 44	13 34	0 19	20 32	2 3	5 53	6 26	27 17	7 49	1 27
S 21	10 30	27 26	4 36	18 20	0 22	10 39	1 26	0 49	0 33	22 4	0 44	1 52	2 6	8 58	0 44	13 34	0 19	20 32	2 3	5 52	6 25	27 16	7 50	1 27
M22	10 8	28 24	4 59	18 16	0 12	10 12	1 26	1 8	0 32	22 5	0 44	1 50	2 6	8 57	0 44	13 33	0 19	20 32	2 3	5 51	6 24	27 15	7 51	1 27
T 23	9 46	28 2	5 9	18 10	0 2	9 44	1 26	1 27	0 31	22 5	0 44	1 47	2 6	8 56	0 44	13 32	0 19	20 32	2 2	5 49	6 23	27 14	7 52	1 27
W24	9 24	26 24	5 6	18 3	0s 8	9 16	1 27	1 45	0 30	22 6	0 44	1 44	2 6	8 55	0 44	13 31	0 19	20 32	2 2	5 47	6 21	27 13	7 53	1 26
T 25	9 2	23 34	4 49	17 55	0 18	8 47	1 27	2 4	0 30	22 7	0 44	1 41	2 6	8 53	0 44	13 31	0 19	20 33	2 2	5 44	6 20	27 12	7 54	1 26
F 26	8 40	19 43	4 20	17 46	0 27	8 19	1 27	2 23	0 29	22 7	0 44	1 38	2 6	8 52	0 44	13 30	0 19	20 33	2 2	5 41	6 19	27 11	7 55	1 26
S 27	8 17	15 0	3 39	17 35	0 36	7 50	1 27	2 42	0 28	22 8	0 44	1 35	2 6	8 51	0 44	13 29	0 19	20 33	2 2	5 39	6 18	27 10	7 56	1 26
S 28	7s54	9n38	2n46	17s22	0s44	7s21	1s27	3n 1	0s27	22s 8	0n44	1s33	2s 6	8s49	0s44	13s29	0s19	20n33	2s 2	5n37	6n17	27n 9	7n57	1n26

Julian Day Number = 2514763.5, Delta T = 138.94 sec
Ecliptic obliquity = 23°25'09, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°09'32, Lahiri = 26°16'33

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2173
geocentric

MARCH 2173 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 36 50	10♓45'18	24♍27	15♒ 2	15♓57	9♈25	17♐59	1♈ 5	9♓11	25♒ 3	15°R 2	14°R11	15♈55	19♋13	16♈56	M 1
T 2	10 40 46	11°45'34	7♎ 8	16°17	17°12	10°11	18° 5	1°12	9°14	25° 5	15♋ 1	14♈ 9	15°51	19°20	16°59	T 2
W 3	10 44 43	12°45'48	20° 1	17°33	18°27	10°57	18°11	1°20	9°18	25° 7	15° 0	14°D 9	15°48	19°26	17° 2	W 3
T 4	10 48 39	13°46'00	3♏ 6	18°52	19°42	11°42	18°17	1°27	9°21	25°10	15° 0	14°10	15°45	19°33	17° 5	T 4
F 5	10 52 36	14°46'11	16°25	20°11	20°57	12°28	18°23	1°34	9°25	25°12	14°59	14°12	15°42	19°40	17° 8	F 5
S 6	10 56 32	15°46'21	29°58	21°33	22°12	13°14	18°28	1°41	9°28	25°14	14°59	14°13	15°39	19°47	17°12	S 6
S 7	11 0 29	16°46'29	13♐47	22°55	23°27	13°59	18°33	1°49	9°32	25°16	14°58	14°R14	15°35	19°53	17°15	S 7
M 8	11 4 25	17°46'36	27°52	24°19	24°42	14°45	18°39	1°56	9°35	25°18	14°58	14°14	15°32	20° 0	17°18	M 8
T 9	11 8 22	18°46'41	12♑10	25°45	25°56	15°30	18°44	2° 3	9°38	25°20	14°57	14°12	15°29	20° 7	17°21	T 9
W10	11 12 19	19°46'44	26°41	27°12	27°11	16°16	18°48	2°11	9°42	25°23	14°57	14°10	15°26	20°14	17°24	W10
T 11	11 16 15	20°46'46	11♒18	28°40	28°26	17° 1	18°53	2°18	9°45	25°25	14°56	14° 6	15°23	20°20	17°28	T 11
F 12	11 20 12	21°46'46	25°57	0♓ 9	29°41	17°46	18°58	2°25	9°49	25°27	14°56	14° 3	15°20	20°27	17°31	F 12
S 13	11 24 8	22°46'45	10♓30	1°39	0♈56	18°32	19° 2	2°33	9°52	25°29	14°56	14° 0	15°16	20°34	17°34	S 13
S 14	11 28 5	23°46'41	24°51	3°11	2°11	19°17	19° 6	2°40	9°55	25°31	14°55	13°58	15°13	20°40	17°38	S 14
M15	11 32 1	24°46'36	8♈55	4°44	3°25	20° 2	19°10	2°48	9°59	25°33	14°55	13°D58	15°10	20°47	17°41	M15
T 16	11 35 58	25°46'28	22°37	6°18	4°40	20°47	19°14	2°55	10° 2	25°35	14°55	13°58	15° 7	20°54	17°45	T 16
W17	11 39 54	26°46'19	5♉56	7°53	5°55	21°33	19°17	3° 3	10° 6	25°37	14°54	13°59	15° 4	21° 1	17°48	W17
T 18	11 43 51	27°46'07	18°53	9°30	7° 9	22°18	19°21	3°10	10° 9	25°39	14°54	14° 0	15° 1	21° 7	17°51	T 18
F 19	11 47 48	28°45'53	1♊29	11° 8	8°24	23° 3	19°24	3°17	10°12	25°41	14°54	14° 1	14°57	21°14	17°55	F 19
S 20	11 51 44	29°45'37	13°47	12°47	9°39	23°48	19°27	3°25	10°16	25°43	14°54	14° 2	14°54	21°21	17°58	S 20
S 21	11 55 41	0♈45'19	25°53	14°27	10°53	24°33	19°30	3°32	10°19	25°45	14°54	14°R 3	14°51	21°28	18° 2	S 21
M22	11 59 37	1°44'59	7♋49	16° 8	12° 8	25°18	19°33	3°40	10°22	25°47	14°53	14° 3	14°48	21°34	18° 5	M22
T 23	12 3 34	2°44'36	19°42	17°51	13°23	26° 3	19°35	3°47	10°25	25°49	14°53	14° 2	14°45	21°41	18° 9	T 23
W24	12 7 30	3°44'11	1♌35	19°35	14°37	26°47	19°38	3°55	10°29	25°51	14°53	14° 1	14°41	21°48	18°12	W24
T 25	12 11 27	4°43'44	13°33	21°20	15°52	27°32	19°40	4° 2	10°32	25°53	14°53	14° 0	14°38	21°54	18°16	T 25
F 26	12 15 23	5°43'14	25°40	23° 6	17° 6	28°17	19°42	4°10	10°35	25°54	14°53	13°59	14°35	22° 1	18°19	F 26
S 27	12 19 20	6°42'42	7♍58	24°54	18°20	29° 2	19°44	4°17	10°38	25°56	14°53	13°58	14°32	22° 8	18°23	S 27
S 28	12 23 17	7°42'09	20°29	26°43	19°35	29°46	19°45	4°25	10°41	25°58	14°53	13°57	14°29	22°15	18°27	S 28
M29	12 27 13	8°41'32	3♎15	28°34	20°49	0♉31	19°47	4°32	10°45	26° 0	14°D53	13°57	14°26	22°21	18°30	M29
T 30	12 31 10	9°40'54	16°17	0♈25	22° 4	1°15	19°48	4°40	10°48	26° 2	14°53	13°D56	14°22	22°28	18°34	T 30
W31	12 35 6	10♈40'14	29♎33	2♈18	23♈18	2♉ 0	19♐49	4♈47	10♓51	26♒ 3	14♋53	13♈57	14♈19	22♋35	18♈37	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	7s32	3n49	1n45	17s 9	0s52	6s52	1s26	3n19	0s27	22s 9	0n44	1s30	2s 6	8s48	0s44	13s28	0s19	20n33	2s 2	5n35	6n15	27n 8	7n58	1n26
T 2	7 9	2s15	0 38	16 54	1 0	6 23	1 26	3 38	0 26	22 9	0 44	1 27	2 6	8 47	0 44	13 27	0 19	20 33	2 2	5 35	6 14	27 7	7 59	1 26
W 3	6 46	8 19	0s32	16 38	1 8	5 53	1 26	3 56	0 25	22 10	0 44	1 24	2 6	8 45	0 44	13 26	0 19	20 34	2 2	5 35	6 13	27 6	8 0	1 26
T 4	6 23	14 8	1 42	16 21	1 15	5 23	1 26	4 15	0 25	22 10	0 44	1 21	2 6	8 44	0 44	13 26	0 19	20 34	2 2	5 35	6 12	27 4	8 1	1 25
F 5	6 0	19 24	2 47	16 2	1 21	4 53	1 25	4 33	0 24	22 11	0 44	1 18	2 6	8 43	0 44	13 25	0 19	20 34	2 1	5 36	6 10	27 3	8 2	1 25
S 6	5 36	23 47	3 45	15 42	1 28	4 24	1 25	4 52	0 23	22 11	0 44	1 15	2 6	8 42	0 44	13 24	0 19	20 34	2 1	5 36	6 9	27 2	8 4	1 25
S 7	5 13	26 55	4 31	15 20	1 34	3 53	1 24	5 10	0 22	22 11	0 44	1 12	2 6	8 40	0 44	13 23	0 19	20 34	2 1	5 37	6 8	27 1	8 5	1 25
M 8	4 50	28 25	5 1	14 58	1 39	3 23	1 24	5 28	0 22	22 12	0 44	1 9	2 6	8 39	0 44	13 23	0 19	20 34	2 1	5 36	6 7	27 0	8 6	1 25
T 9	4 26	28 4	5 13	14 34	1 45	2 53	1 23	5 47	0 21	22 12	0 44	1 6	2 6	8 38	0 44	13 22	0 19	20 35	2 1	5 36	6 6	26 59	8 7	1 25
W10	4 3	25 49	5 6	14 9	1 50	2 23	1 22	6 5	0 20	22 13	0 45	1 3	2 6	8 36	0 44	13 21	0 19	20 35	2 1	5 35	6 4	26 58	8 8	1 25
T 11	3 39	21 51	4 39	13 43	1 54	1 52	1 22	6 23	0 20	22 13	0 45	1 0	2 6	8 35	0 44	13 21	0 19	20 35	2 1	5 34	6 3	26 57	8 9	1 25
F 12	3 15	16 32	3 54	13 15	1 58	1 22	1 21	6 41	0 19	22 13	0 45	0 58	2 6	8 34	0 44	13 20	0 19	20 35	2 1	5 32	6 2	26 56	8 10	1 25
S 13	2 52	10 18	2 54	12 46	2 2	0 51	1 20	6 59	0 18	22 14	0 45	0 55	2 6	8 33	0 44	13 19	0 19	20 35	2 1	5 31	6 1	26 55	8 12	1 25
S 14	2 28	3 38	1 43	12 16	2 5	0 20	1 19	7 16	0 17	22 14	0 45	0 52	2 6	8 31	0 44	13 19	0 19	20 35	2 0	5 30	5 59	26 53	8 13	1 24
M15	2 4	3n 6	0 28	11 45	2 8	0n10	1 18	7 34	0 17	22 14	0 45	0 49	2 6	8 30	0 44	13 18	0 19	20 35	2 0	5 30	5 58	26 52	8 14	1 24
T 16	1 41	9 32	0n48	11 13	2 10	0 41	1 17	7 52	0 16	22 14	0 45	0 46	2 6	8 29	0 44	13 17	0 19	20 36	2 0	5 30	5 57	26 51	8 15	1 24
W17	1 17	15 21	1 58	10 39	2 12	1 11	1 16	8 9	0 15	22 15	0 45	0 43	2 6	8 28	0 44	13 17	0 19	20 36	2 0	5 31	5 56	26 50	8 16	1 24
T 18	0 53	20 19	3 1	10 4	2 14	1 42	1 14	8 27	0 15	22 15	0 45	0 40	2 6	8 26	0 44	13 16	0 19	20 36	2 0	5 31	5 54	26 49	8 18	1 24
F 19	0 29	24 15	3 53	9 28	2 15	2 13	1 13	8 44	0 14	22 15	0 45	0 37	2 6	8 25	0 44	13 15	0 19	20 36	2 0	5 32	5 53	26 48	8 19	1 24
S 20	0 6	26 57	4 33	8 51	2 16	2 43	1 12	9 2	0 13	22 15	0 45	0 34	2 6	8 24	0 44	13 15	0 20	20 36	2 0	5 32	5 52	26 47	8 20	1 24
S 21	0n18	28 22	5 0	8 13	2 16	3 14	1 10	9 19	0 12	22 15	0 45	0 31	2 6	8 23	0 44	13 14	0 20	20 36	2 0	5 32	5 51	26 45	8 21	1 24
M22	0 42	28 25	5 14	7 33	2 16	3 44	1 9	9 36	0 12	22 16	0 45	0 28	2 6	8 21	0 44	13 13	0 20	20 36	2 0	5 32	5 50	26 44	8 23	1 24
T 23	1 5	27 10	5 15	6 53	2 16	4 14	1 8	9 53	0 11	22 16	0 45	0 25	2 6	8 20	0 44	13 13	0 20	20 37	2 0	5 32	5 48	26 43	8 24	1 24
W24	1 29	24 41	5 1	6 11	2 15	4 45	1 6	10 10	0 10	22 16	0 45	0 22	2 6	8 19	0 44	13 12	0 20	20 37	1 59	5 32	5 47	26 42	8 25	1 24
T 25	1 53	21 8	4 35	5 28	2 13	5 15	1 4	10 26	0 10	22 16	0 45	0 19	2 6	8 18	0 44	13 11	0 20	20 37	1 59	5 31	5 46	26 41	8 26	1 23
F 26	2 16	16 40	3 56	4 44	2 11	5 45	1 3	10 43	0 9	22 16	0 45	0 16	2 6	8 17	0 44	13 11	0 20	20 37	1 59	5 31	5 45	26 39	8 28	1 23
S 27	2 40	11 27	3 6	3 59	2 8	6 15	1 1	11 0	0 8	22 16	0 45	0 13	2 6	8 15	0 44	13 10	0 20	20 37	1 59	5 30	5 43	26 38	8 29	1 23
S 28	3 3	5 42	2 6	3 13	2 5	6 44	0 59	11 16	0 7	22 16	0 45	0 10	2 6	8 14	0 44	13 10	0 20	20 37	1 59	5 30	5 42	26 37	8 30	1 23
M29	3 27	0s23	0 59	2 26	2 2	7 14	0 58	11 32	0 7	22 16	0 45	0 7	2 6	8 13	0 44	13 9	0 20	20 37	1 59	5 30	5 41	26 36	8 32	1 23
T 30	3 50	6 36	0s13	1 38	1 58	7 43	0 56	11 48	0 6	22 16	0 45	0 5	2 6	8 12	0 44	13 8	0 20	20 37	1 59	5 30	5 40	26 34	8 33	1 23
W31	4n13	12s38	1s25	0s49	1s53	8n13	0s54	12n 4	0s 5	22s16	0n45	0s 2	2s 6	8s11	0s44	13s 8	0s20	20n37	1s59	5n30	5n39	26n33	8n34	1n23

Julian Day Number = 2514791.5, Delta T = 139.00 sec
Ecliptic obliquity = 23°25'10, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°09'36, Lahiri = 26°16'37

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2173
geocentric

APRIL 2173 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 39 3	11♈39'32	13♏ 3	4♈13	24♈32	2♉44	19♐50	4♈55	10♓54	26♒ 5	14♋53	13♈57	14♈16	22♋41	18♈41	T 1
F 2	12 42 59	12°38'49	26°46	6° 8	25°47	3°29	19°51	5° 2	10°57	26° 7	14°53	13°57	14°13	22°48	18°44	F 2
S 3	12 46 56	13°38'03	10♐39	8° 5	27° 1	4°13	19°51	5° 9	11° 0	26° 9	14°53	13°R57	14°10	22°55	18°48	S 3
S 4	12 50 52	14°37'16	24°40	10° 3	28°15	4°57	19°52	5°17	11° 3	26°10	14°53	13°57	14° 7	23° 2	18°52	S 4
M 5	12 54 49	15°36'27	8♑49	12° 3	29°29	5°42	19°R52	5°24	11° 6	26°12	14°54	13°D57	14° 3	23° 8	18°55	M 5
T 6	12 58 46	16°35'36	23° 1	14° 3	0♉44	6°26	19°52	5°32	11° 9	26°14	14°54	13°57	14° 0	23°15	18°59	T 6
W 7	13 2 42	17°34'44	7♒16	16° 5	1°58	7°10	19°51	5°39	11°12	26°15	14°54	13°57	13°57	23°22	19° 3	W 7
T 8	13 6 39	18°33'50	21°30	18° 8	3°12	7°54	19°51	5°46	11°15	26°17	14°54	13°57	13°54	23°29	19° 6	T 8
F 9	13 10 35	19°32'53	5♓40	20°11	4°26	8°38	19°50	5°54	11°18	26°18	14°54	13°58	13°51	23°35	19°10	F 9
S 10	13 14 32	20°31'56	19°44	22°16	5°40	9°22	19°50	6° 1	11°21	26°20	14°55	13°58	13°47	23°42	19°13	S 10
S 11	13 18 28	21°30'56	3♈38	24°21	6°54	10° 6	19°49	6° 8	11°23	26°21	14°55	13°59	13°44	23°49	19°17	S 11
M12	13 22 25	22°29'54	17°19	26°26	8° 8	10°50	19°47	6°16	11°26	26°23	14°55	13°R59	13°41	23°55	19°21	M12
T 13	13 26 21	23°28'50	0♉44	28°32	9°22	11°34	19°46	6°23	11°29	26°24	14°56	13°59	13°38	24° 2	19°24	T 13
W14	13 30 18	24°27'45	13°53	0♉37	10°36	12°18	19°45	6°30	11°32	26°26	14°56	13°58	13°35	24° 9	19°28	W14
T 15	13 34 14	25°26'37	26°44	2°42	11°50	13° 1	19°43	6°37	11°34	26°27	14°57	13°56	13°32	24°16	19°31	T 15
F 16	13 38 11	26°25'27	9♊18	4°47	13° 4	13°45	19°41	6°45	11°37	26°28	14°57	13°55	13°28	24°22	19°35	F 16
S 17	13 42 8	27°24'15	21°37	6°50	14°18	14°29	19°39	6°52	11°40	26°30	14°57	13°53	13°25	24°29	19°39	S 17
S 18	13 46 4	28°23'01	3♋43	8°53	15°32	15°12	19°37	6°59	11°42	26°31	14°58	13°51	13°22	24°36	19°42	S 18
M19	13 50 1	29°21'45	15°41	10°53	16°46	15°56	19°34	7° 6	11°45	26°32	14°58	13°50	13°19	24°42	19°46	M19
T 20	13 53 57	0♉20'27	27°34	12°52	18° 0	16°40	19°31	7°13	11°48	26°34	14°59	13°D49	13°16	24°49	19°49	T 20
W21	13 57 54	1°19'06	9♌28	14°49	19°13	17°23	19°29	7°20	11°50	26°35	14°59	13°50	13°13	24°56	19°53	W21
T 22	14 1 50	2°17'43	21°26	16°42	20°27	18° 6	19°26	7°27	11°53	26°36	15° 0	13°50	13° 9	25° 3	19°57	T 22
F 23	14 5 47	3°16'18	3♍33	18°33	21°41	18°50	19°22	7°34	11°55	26°37	15° 1	13°52	13° 6	25° 9	20° 0	F 23
S 24	14 9 43	4°14'50	15°55	20°21	22°54	19°33	19°19	7°41	11°57	26°38	15° 1	13°53	13° 3	25°16	20° 4	S 24
S 25	14 13 40	5°13'21	28°33	22° 5	24° 8	20°16	19°16	7°48	12° 0	26°40	15° 2	13°55	13° 0	25°23	20° 7	S 25
M26	14 17 37	6°11'49	11♎31	23°46	25°22	21° 0	19°12	7°55	12° 2	26°41	15° 2	13°R55	12°57	25°29	20°11	M26
T 27	14 21 33	7°10'16	24°49	25°22	26°35	21°43	19° 8	8° 2	12° 5	26°42	15° 3	13°55	12°53	25°36	20°14	T 27
W28	14 25 30	8° 8'40	8♏28	26°55	27°49	22°26	19° 4	8° 9	12° 7	26°43	15° 4	13°53	12°50	25°43	20°18	W28
T 29	14 29 26	9° 7'03	22°25	28°24	29° 2	23° 9	19° 0	8°16	12° 9	26°44	15° 5	13°51	12°47	25°50	20°21	T 29
F 30	14 33 23	10♉ 5'24	6♐36	29♉48	0♊16	23♉52	18♐55	8♈23	12♓11	26♒45	15♋ 5	13♈47	12♈44	25♋56	20♈25	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n36	18s12	2s34	0n 1	1s48	8n42	0s52	12n20	0s 5	22s16	0n45	0n 1	2s 6	8s 9	0s44	13s 7	0s20	20n37	1s59	5n30	5n37	26n32	8n35	1n23
F 2	5 0	22 55	3 36	0 52	1 43	9 11	0 50	12 36	0 4	22 16	0 46	0 4	2 6	8 8	0 44	13 7	0 20	20 38	1 58	5 30	5 36	26 31	8 37	1 23
S 3	5 23	26 24	4 25	1 43	1 37	9 39	0 48	12 52	0 3	22 16	0 46	0 7	2 6	8 7	0 44	13 6	0 20	20 38	1 58	5 30	5 35	26 29	8 38	1 23
S 4	5 45	28 18	4 59	2 36	1 30	10 8	0 46	13 7	0 3	22 16	0 46	0 10	2 6	8 6	0 44	13 6	0 20	20 38	1 58	5 30	5 34	26 28	8 39	1 23
M 5	6 8	28 22	5 16	3 29	1 23	10 36	0 44	13 23	0 2	22 16	0 46	0 13	2 6	8 5	0 44	13 5	0 20	20 38	1 58	5 30	5 32	26 27	8 41	1 23
T 6	6 31	26 36	5 13	4 23	1 16	11 4	0 42	13 38	0 1	22 16	0 46	0 16	2 6	8 4	0 44	13 5	0 20	20 38	1 58	5 30	5 31	26 25	8 42	1 22
W 7	6 54	23 8	4 51	5 17	1 8	11 32	0 39	13 53	0 1	22 16	0 46	0 19	2 6	8 3	0 45	13 4	0 20	20 38	1 58	5 30	5 30	26 24	8 43	1 22
T 8	7 16	18 17	4 11	6 12	0 59	11 59	0 37	14 8	0n 0	22 16	0 46	0 21	2 6	8 2	0 45	13 3	0 20	20 38	1 58	5 30	5 29	26 23	8 45	1 22
F 9	7 39	12 28	3 17	7 7	0 50	12 26	0 35	14 23	0 1	22 16	0 46	0 24	2 6	8 1	0 45	13 3	0 20	20 38	1 58	5 30	5 27	26 21	8 46	1 22
S 10	8 1	6 4	2 10	8 2	0 41	12 53	0 33	14 37	0 1	22 16	0 46	0 27	2 7	8 0	0 45	13 2	0 20	20 38	1 58	5 30	5 26	26 20	8 47	1 22
S 11	8 23	0n34	0 57	8 57	0 31	13 20	0 30	14 52	0 2	22 16	0 46	0 30	2 7	7 58	0 45	13 2	0 20	20 38	1 58	5 31	5 25	26 19	8 49	1 22
M12	8 45	7 5	0n18	9 52	0 21	13 46	0 28	15 6	0 3	22 16	0 46	0 33	2 7	7 57	0 45	13 1	0 20	20 38	1 57	5 31	5 24	26 17	8 50	1 22
T 13	9 7	13 9	1 31	10 47	0 10	14 12	0 26	15 21	0 3	22 16	0 46	0 36	2 7	7 56	0 45	13 1	0 20	20 38	1 57	5 31	5 23	26 16	8 51	1 22
W14	9 28	18 30	2 38	11 41	0n 0	14 37	0 23	15 35	0 4	22 16	0 46	0 38	2 7	7 55	0 45	13 1	0 20	20 39	1 57	5 30	5 21	26 15	8 52	1 22
T 15	9 50	22 53	3 35	12 35	0 11	15 3	0 21	15 49	0 5	22 15	0 46	0 41	2 7	7 54	0 45	13 0	0 20	20 39	1 57	5 30	5 20	26 13	8 54	1 22
F 16	10 11	26 7	4 20	13 27	0 22	15 27	0 18	16 2	0 5	22 15	0 46	0 44	2 7	7 53	0 45	13 0	0 20	20 39	1 57	5 29	5 19	26 12	8 55	1 22
S 17	10 32	28 1	4 52	14 19	0 33	15 52	0 16	16 16	0 6	22 15	0 46	0 47	2 7	7 52	0 45	12 59	0 20	20 39	1 57	5 28	5 18	26 10	8 56	1 22
S 18	10 53	28 33	5 11	15 9	0 45	16 16	0 13	16 29	0 7	22 15	0 46	0 49	2 7	7 51	0 45	12 59	0 20	20 39	1 57	5 28	5 16	26 9	8 58	1 22
M19	11 14	27 43	5 15	15 58	0 55	16 39	0 11	16 43	0 7	22 15	0 46	0 52	2 7	7 50	0 45	12 58	0 20	20 39	1 57	5 27	5 15	26 8	8 59	1 22
T 20	11 35	25 38	5 7	16 44	1 6	17 3	0 8	16 56	0 8	22 14	0 46	0 55	2 7	7 49	0 45	12 58	0 20	20 39	1 57	5 27	5 14	26 6	9 0	1 22
W21	11 55	22 26	4 45	17 29	1 17	17 25	0 6	17 9	0 9	22 14	0 46	0 57	2 8	7 49	0 45	12 58	0 20	20 39	1 56	5 27	5 13	26 5	9 2	1 22
T 22	12 16	18 18	4 10	18 12	1 27	17 48	0 3	17 21	0 9	22 14	0 46	1 0	2 8	7 48	0 45	12 57	0 20	20 39	1 56	5 27	5 11	26 3	9 3	1 21
F 23	12 36	13 22	3 24	18 53	1 37	18 10	0 1	17 34	0 10	22 14	0 46	1 3	2 8	7 47	0 45	12 57	0 20	20 39	1 56	5 28	5 10	26 2	9 4	1 21
S 24	12 56	7 50	2 28	19 31	1 46	18 31	0n 2	17 46	0 11	22 13	0 46	1 5	2 8	7 46	0 45	12 56	0 20	20 39	1 56	5 28	5 9	26 0	9 5	1 21
S 25	13 15	1 51	1 24	20 7	1 55	18 52	0 4	17 59	0 11	22 13	0 46	1 8	2 8	7 45	0 45	12 56	0 20	20 39	1 56	5 29	5 8	25 59	9 7	1 21
M26	13 35	4s21	0 13	20 41	2 3	19 12	0 7	18 11	0 12	22 13	0 46	1 11	2 8	7 44	0 45	12 56	0 20	20 39	1 56	5 29	5 6	25 58	9 8	1 21
T 27	13 54	10 32	1s 0	21 12	2 10	19 32	0 10	18 23	0 12	22 13	0 46	1 13	2 8	7 43	0 45	12 55	0 20	20 39	1 56	5 29	5 5	25 56	9 9	1 21
W28	14 13	16 23	2 11	21 40	2 17	19 51	0 12	18 34	0 13	22 12	0 46	1 16	2 8	7 42	0 45	12 55	0 20	20 39	1 56	5 29	5 4	25 55	9 11	1 21
T 29	14 31	21 30	3 16	22 6	2 23	20 10	0 15	18 46	0 14	22 12	0 46	1 18	2 8	7 42	0 45	12 55	0 20	20 39	1 56	5 27	5 3	25 53	9 12	1 21
F 30	14n50	25s29	4s10	22n30	2n28	20n29	0n18	18n57	0n14	22s12	0n46	1n21	2s 9	7s41	0s45	12s54	0s20	20n39	1s56	5n26	5n 2	25n52	9n13	1n21

Julian Day Number = 2514822.5, Delta T = 139.07 sec
Ecliptic obliquity = 23°25'10, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°09'41, Lahiri = 26°16'41

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2173
geocentric

MAY 2173 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 37 19	11♉ 3'44	20♐57	1♊ 7	1♊29	24♉35	18°R51	8♈29	12♓13	26♒46	15♋ 6	13°R43	12♈41	26♋ 3	20♈28	S 1
S 2	14 41 16	12° 2'02	5♑22	2°23	2°43	25°18	18♐46	8°36	12°16	26°46	15° 7	13♈40	12°38	26°10	20°31	S 2
M 3	14 45 13	13° 0'18	19°46	3°33	3°56	26° 1	18°42	8°43	12°18	26°47	15° 8	13°37	12°34	26°17	20°35	M 3
T 4	14 49 9	13°58'33	4♒ 5	4°39	5° 9	26°44	18°37	8°49	12°20	26°48	15° 8	13°35	12°31	26°23	20°38	T 4
W 5	14 53 6	14°56'47	18°16	5°40	6°23	27°26	18°31	8°56	12°22	26°49	15° 9	13°D35	12°28	26°30	20°42	W 5
T 6	14 57 2	15°54'58	2♓17	6°36	7°36	28° 9	18°26	9° 2	12°24	26°50	15°10	13°36	12°25	26°37	20°45	T 6
F 7	15 0 59	16°53'09	16° 8	7°28	8°49	28°52	18°21	9° 9	12°26	26°51	15°11	13°37	12°22	26°43	20°48	F 7
S 8	15 4 55	17°51'18	29°46	8°14	10° 3	29°34	18°15	9°15	12°27	26°51	15°12	13°39	12°18	26°50	20°52	S 8
S 9	15 8 52	18°49'26	13♈14	8°55	11°16	0♊17	18°10	9°22	12°29	26°52	15°13	13°R39	12°15	26°57	20°55	S 9
M10	15 12 48	19°47'32	26°29	9°31	12°29	1° 0	18° 4	9°28	12°31	26°53	15°14	13°39	12°12	27° 4	20°58	M10
T 11	15 16 45	20°45'36	9♉32	10° 3	13°42	1°42	17°58	9°34	12°33	26°53	15°15	13°36	12° 9	27°10	21° 2	T 11
W12	15 20 41	21°43'39	22°23	10°29	14°55	2°25	17°52	9°40	12°35	26°54	15°16	13°32	12° 6	27°17	21° 5	W12
T 13	15 24 38	22°41'41	5♊ 1	10°49	16° 8	3° 7	17°46	9°47	12°36	26°54	15°17	13°26	12° 3	27°24	21° 8	T 13
F 14	15 28 35	23°39'41	17°26	11° 5	17°21	3°49	17°39	9°53	12°38	26°55	15°18	13°19	11°59	27°30	21°11	F 14
S 15	15 32 31	24°37'39	29°40	11°15	18°34	4°32	17°33	9°59	12°40	26°55	15°19	13°11	11°56	27°37	21°14	S 15
S 16	15 36 28	25°35'36	11♋44	11°21	19°47	5°14	17°26	10° 5	12°41	26°56	15°20	13° 4	11°53	27°44	21°17	S 16
M17	15 40 24	26°33'31	23°40	11°R22	21° 0	5°56	17°20	10°11	12°43	26°56	15°21	12°58	11°50	27°51	21°21	M17
T 18	15 44 21	27°31'24	5♌33	11°17	22°13	6°38	17°13	10°17	12°44	26°57	15°22	12°54	11°47	27°57	21°24	T 18
W19	15 48 17	28°29'15	17°25	11° 8	23°26	7°20	17° 6	10°22	12°45	26°57	15°23	12°51	11°44	28° 4	21°27	W19
T 20	15 52 14	29°27'05	29°21	10°55	24°39	8° 2	16°59	10°28	12°47	26°57	15°24	12°D51	11°40	28°11	21°30	T 20
F 21	15 56 11	0♊24'53	11♍27	10°38	25°52	8°44	16°52	10°34	12°48	26°58	15°25	12°51	11°37	28°17	21°33	F 21
S 22	16 0 7	1°22'39	23°47	10°17	27° 4	9°26	16°45	10°40	12°49	26°58	15°26	12°52	11°34	28°24	21°36	S 22
S 23	16 4 4	2°20'24	6♎26	9°52	28°17	10° 8	16°38	10°45	12°51	26°58	15°28	12°R53	11°31	28°31	21°39	S 23
M24	16 8 0	3°18'07	19°29	9°24	29°30	10°50	16°31	10°51	12°52	26°58	15°29	12°53	11°28	28°38	21°41	M24
T 25	16 11 57	4°15'48	2♏56	8°55	0♋42	11°32	16°24	10°56	12°53	26°58	15°30	12°52	11°24	28°44	21°44	T 25
W26	16 15 53	5°13'28	16°49	8°23	1°55	12°14	16°16	11° 2	12°54	26°59	15°31	12°48	11°21	28°51	21°47	W26
T 27	16 19 50	6°11'07	1♐ 6	7°50	3° 7	12°55	16° 9	11° 7	12°55	26°59	15°32	12°42	11°18	28°58	21°50	T 27
F 28	16 23 46	7° 8'45	15°42	7°16	4°20	13°37	16° 2	11°12	12°56	26°59	15°34	12°34	11°15	29° 4	21°53	F 28
S 29	16 27 43	8° 6'21	0♑30	6°41	5°32	14°19	15°54	11°17	12°57	26°R59	15°35	12°26	11°12	29°11	21°56	S 29
S 30	16 31 40	9° 3'57	15°21	6° 8	6°45	15° 0	15°47	11°23	12°58	26°59	15°36	12°17	11° 9	29°18	21°58	S 30
M31	16 35 36	10♊ 1'31	0♒ 8	5♊35	7♋57	15♊42	15♐39	11♈28	12♓59	26♒59	15♋37	12♈11	11♈ 5	29♋25	22♈ 1	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15n 8	27s54	4s48	22n51	2n32	20n46	0n20	19n 8	0n15	22s11	0n46	1n23	2s 9	7s40	0s45	12s54	0s20	20n39	1s55	5n25	5n 0	25n50	9n14	1n21
S 2	15 26	28 28	5 9	23 9	2 35	21 3	0 23	19 19	0 16	22 11	0 46	1 26	2 9	7 39	0 45	12 54	0 20	20 39	1 55	5 23	4 59	25 49	9 16	1 21
M 3	15 44	27 5	5 11	23 25	2 37	21 20	0 25	19 30	0 16	22 10	0 46	1 28	2 9	7 38	0 45	12 54	0 20	20 39	1 55	5 22	4 58	25 47	9 17	1 21
T 4	16 1	23 58	4 53	23 39	2 39	21 36	0 28	19 41	0 17	22 10	0 46	1 31	2 9	7 38	0 45	12 53	0 20	20 39	1 55	5 21	4 57	25 46	9 18	1 21
W 5	16 18	19 25	4 17	23 50	2 39	21 51	0 31	19 51	0 17	22 10	0 46	1 33	2 9	7 37	0 45	12 53	0 20	20 39	1 55	5 21	4 55	25 44	9 19	1 21
T 6	16 35	13 52	3 27	23 59	2 38	22 6	0 33	20 1	0 18	22 9	0 46	1 36	2 9	7 36	0 45	12 53	0 20	20 39	1 55	5 22	4 54	25 43	9 21	1 21
F 7	16 52	7 41	2 25	24 6	2 36	22 21	0 36	20 11	0 19	22 9	0 46	1 38	2 10	7 35	0 45	12 53	0 20	20 39	1 55	5 22	4 53	25 41	9 22	1 21
S 8	17 8	1 14	1 15	24 11	2 33	22 34	0 38	20 21	0 19	22 8	0 46	1 41	2 10	7 35	0 45	12 52	0 20	20 39	1 55	5 23	4 52	25 39	9 23	1 21
S 9	17 24	5n11	0 2	24 14	2 29	22 47	0 41	20 31	0 20	22 8	0 46	1 43	2 10	7 34	0 45	12 52	0 20	20 39	1 55	5 23	4 50	25 38	9 24	1 21
M10	17 40	11 17	1n 9	24 14	2 24	22 59	0 43	20 40	0 20	22 7	0 46	1 45	2 10	7 33	0 45	12 52	0 21	20 39	1 55	5 23	4 49	25 36	9 25	1 21
T 11	17 56	16 48	2 16	24 13	2 18	23 11	0 46	20 50	0 21	22 7	0 46	1 48	2 10	7 33	0 45	12 52	0 21	20 39	1 54	5 22	4 48	25 35	9 27	1 21
W12	18 11	21 29	3 15	24 10	2 11	23 22	0 48	20 59	0 21	22 6	0 46	1 50	2 10	7 32	0 46	12 52	0 21	20 39	1 54	5 20	4 47	25 33	9 28	1 21
T 13	18 26	25 5	4 3	24 4	2 3	23 33	0 51	21 7	0 22	22 6	0 46	1 52	2 11	7 32	0 46	12 51	0 21	20 39	1 54	5 18	4 45	25 32	9 29	1 21
F 14	18 40	27 26	4 38	23 57	1 53	23 42	0 53	21 16	0 23	22 5	0 46	1 54	2 11	7 31	0 46	12 51	0 21	20 39	1 54	5 15	4 44	25 30	9 30	1 21
S 15	18 55	28 25	5 0	23 48	1 43	23 51	0 56	21 24	0 23	22 5	0 46	1 57	2 11	7 30	0 46	12 51	0 21	20 39	1 54	5 12	4 43	25 28	9 31	1 21
S 16	19 9	28 1	5 8	23 37	1 31	24 0	0 58	21 33	0 24	22 4	0 46	1 59	2 11	7 30	0 46	12 51	0 21	20 39	1 54	5 9	4 42	25 27	9 32	1 20
M17	19 22	26 19	5 3	23 25	1 18	24 7	1 0	21 41	0 24	22 4	0 46	2 1	2 11	7 29	0 46	12 51	0 21	20 39	1 54	5 7	4 40	25 25	9 34	1 20
T 18	19 35	23 28	4 45	23 11	1 5	24 14	1 3	21 49	0 25	22 3	0 46	2 3	2 11	7 29	0 46	12 51	0 21	20 39	1 54	5 5	4 39	25 24	9 35	1 20
W19	19 48	19 38	4 15	22 55	0 50	24 20	1 5	21 56	0 26	22 2	0 45	2 5	2 12	7 28	0 46	12 51	0 21	20 39	1 54	5 4	4 38	25 22	9 36	1 20
T 20	20 1	15 1	3 33	22 38	0 35	24 26	1 7	22 4	0 26	22 2	0 45	2 7	2 12	7 28	0 46	12 51	0 21	20 39	1 54	5 4	4 37	25 20	9 37	1 20
F 21	20 13	9 45	2 41	22 20	0 19	24 31	1 10	22 11	0 27	22 1	0 45	2 9	2 12	7 27	0 46	12 50	0 21	20 39	1 54	5 4	4 36	25 19	9 38	1 20
S 22	20 25	4 1	1 41	22 1	0 2	24 35	1 12	22 18	0 27	22 1	0 45	2 11	2 12	7 27	0 46	12 50	0 21	20 39	1 53	5 5	4 34	25 17	9 39	1 20
S 23	20 37	2s 1	0 35	21 40	0s15	24 38	1 14	22 24	0 28	22 0	0 45	2 13	2 12	7 26	0 46	12 50	0 21	20 39	1 53	5 5	4 33	25 15	9 40	1 20
M24	20 48	8 10	0s35	21 19	0 32	24 41	1 16	22 31	0 28	21 59	0 45	2 15	2 13	7 26	0 46	12 50	0 21	20 39	1 53	5 5	4 32	25 14	9 41	1 20
T 25	20 59	14 8	1 46	20 57	0 50	24 43	1 18	22 37	0 29	21 59	0 45	2 17	2 13	7 26	0 46	12 50	0 21	20 39	1 53	5 4	4 31	25 12	9 42	1 20
W26	21 9	19 35	2 52	20 35	1 7	24 44	1 20	22 44	0 29	21 58	0 45	2 19	2 13	7 25	0 46	12 50	0 21	20 39	1 53	5 3	4 29	25 10	9 43	1 20
T 27	21 19	24 6	3 49	20 12	1 25	24 45	1 22	22 49	0 30	21 57	0 45	2 21	2 13	7 25	0 46	12 50	0 21	20 39	1 53	5 1	4 28	25 9	9 44	1 20
F 28	21 29	27 10	4 32	19 50	1 42	24 45	1 24	22 55	0 30	21 57	0 45	2 23	2 13	7 25	0 46	12 50	0 21	20 39	1 53	4 58	4 27	25 7	9 45	1 20
S 29	21 38	28 23	4 58	19 27	1 59	24 44	1 26	23 1	0 31	21 56	0 45	2 25	2 14	7 24	0 46	12 50	0 21	20 39	1 53	4 54	4 26	25 5	9 46	1 20
S 30	21 47	27 35	5 4	19 6	2 15	24 42	1 28	23 6	0 32	21 55	0 45	2 27	2 14	7 24	0 46	12 50	0 21	20 38	1 53	4 51	4 24	25 4	9 47	1 20
M31	21n56	24s50	4s50	18n45	2s30	24n40	1n29	23n11	0n32	21s55	0n45	2n28	2s14	7s24	0s46	12s50	0s21	20n38	1s53	4n49	4n23	25n 2	9n48	1n20

Julian Day Number = 2514852.5, Delta T = 139.14 sec
Ecliptic obliquity = 23°25'09, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°09'45, Lahiri = 26°16'45

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2173
geocentric

JUNE 2173 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 39 33	10♊59'05	14♒43	5°R 4	9♋ 9	16♊23	15°R32	11♈33	13♓ 0	26°R59	15♋39	12°R 6	11♈ 2	29♋31	22♈ 4	T 1
W 2	16 43 29	11°56'37	29° 2	4♊35	10°22	17° 5	15♐24	11°38	13° 0	26♒59	15°40	12♈ 3	10°59	29°38	22° 6	W 2
T 3	16 47 26	12°54'09	13♓ 2	4° 8	11°34	17°46	15°16	11°42	13° 1	26°58	15°41	12°D 3	10°56	29°45	22° 9	T 3
F 4	16 51 22	13°51'40	26°44	3°45	12°46	18°28	15° 9	11°47	13° 2	26°58	15°43	12° 3	10°53	29°52	22°11	F 4
S 5	16 55 19	14°49'10	10♈ 8	3°25	13°58	19° 9	15° 1	11°52	13° 2	26°58	15°44	12°R 3	10°50	29°58	22°14	S 5
S 6	16 59 15	15°46'40	23°17	3° 8	15°10	19°50	14°53	11°57	13° 3	26°58	15°45	12° 3	10°46	0♌ 5	22°16	S 6
M 7	17 3 12	16°44'09	6♉12	2°56	16°22	20°31	14°46	12° 1	13° 3	26°58	15°47	12° 0	10°43	0°12	22°19	M 7
T 8	17 7 9	17°41'37	18°55	2°47	17°34	21°13	14°38	12° 6	13° 4	26°57	15°48	11°55	10°40	0°18	22°21	T 8
W 9	17 11 5	18°39'04	1♊27	2°D43	18°46	21°54	14°31	12°10	13° 4	26°57	15°49	11°48	10°37	0°25	22°23	W 9
T 10	17 15 2	19°36'31	13°50	2°43	19°58	22°35	14°23	12°14	13° 5	26°57	15°51	11°38	10°34	0°32	22°26	T 10
F 11	17 18 58	20°33'56	26° 4	2°48	21°10	23°16	14°15	12°19	13° 5	26°56	15°52	11°26	10°30	0°39	22°28	F 11
S 12	17 22 55	21°31'21	8♋10	2°57	22°22	23°57	14° 8	12°23	13° 5	26°56	15°53	11°13	10°27	0°45	22°30	S 12
S 13	17 26 51	22°28'45	20° 8	3°11	23°34	24°38	14° 0	12°27	13° 5	26°55	15°55	11° 1	10°24	0°52	22°32	S 13
M14	17 30 48	23°26'08	2♌ 2	3°29	24°46	25°19	13°53	12°31	13° 6	26°55	15°56	10°50	10°21	0°59	22°34	M14
T 15	17 34 44	24°23'30	13°52	3°52	25°58	26° 0	13°45	12°35	13° 6	26°54	15°58	10°41	10°18	1° 5	22°37	T 15
W16	17 38 41	25°20'52	25°43	4°19	27° 9	26°41	13°38	12°39	13° 6	26°54	15°59	10°35	10°15	1°12	22°39	W16
T 17	17 42 38	26°18'12	7♍37	4°50	28°21	27°22	13°31	12°42	13°R 6	26°53	16° 1	10°32	10°11	1°19	22°41	T 17
F 18	17 46 34	27°15'31	19°41	5°26	29°32	28° 2	13°23	12°46	13° 6	26°53	16° 2	10°30	10° 8	1°26	22°43	F 18
S 19	17 50 31	28°12'50	1♎58	6° 6	0♌44	28°43	13°16	12°50	13° 6	26°52	16° 4	10°D30	10° 5	1°32	22°45	S 19
S 20	17 54 27	29°10'07	14°35	6°50	1°55	29°24	13° 9	12°53	13° 6	26°51	16° 5	10°R30	10° 2	1°39	22°46	S 20
M21	17 58 24	0♋ 7'24	27°35	7°38	3° 7	0♋ 4	13° 2	12°57	13° 5	26°51	16° 7	10°29	9°59	1°46	22°48	M21
T 22	18 2 20	1° 4'40	11♏ 2	8°30	4°18	0°45	12°55	13° 0	13° 5	26°50	16° 8	10°27	9°56	1°52	22°50	T 22
W23	18 6 17	2° 1'55	24°59	9°26	5°29	1°25	12°48	13° 3	13° 5	26°49	16° 9	10°21	9°52	1°59	22°52	W23
T 24	18 10 13	2°59'10	9♐24	10°26	6°40	2° 6	12°41	13° 6	13° 5	26°48	16°11	10°14	9°49	2° 6	22°53	T 24
F 25	18 14 10	3°56'24	24°14	11°30	7°52	2°46	12°35	13° 9	13° 4	26°48	16°12	10° 4	9°46	2°13	22°55	F 25
S 26	18 18 7	4°53'38	9♑19	12°37	9° 3	3°27	12°28	13°12	13° 4	26°47	16°14	9°53	9°43	2°19	22°57	S 26
S 27	18 22 3	5°50'52	24°31	13°49	10°14	4° 7	12°21	13°15	13° 3	26°46	16°15	9°43	9°40	2°26	22°58	S 27
M28	18 26 0	6°48'05	9♒38	15° 3	11°25	4°48	12°15	13°18	13° 3	26°45	16°17	9°34	9°36	2°33	23° 0	M28
T 29	18 29 56	7°45'18	24°31	16°22	12°36	5°28	12° 9	13°21	13° 2	26°44	16°19	9°27	9°33	2°39	23° 1	T 29
W30	18 33 53	8♋42'31	9♓ 4	17♊44	13♌46	6♋ 8	12♐ 3	13♈23	13♓ 2	26♒43	16♋20	9♈23	9♈30	2♌46	23♈ 3	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n 4	20s30	4s17	18n25	2s45	24n37	1n31	23n16	0n33	21s54	0n44	2n30	2s14	7s23	0s46	12s50	0s21	20n38	1s53	4n47	4n22	25n 0	9n49	1n20
W 2	22 12	15 4	3 29	18 7	2 58	24 33	1 33	23 20	0 33	21 53	0 44	2 32	2 14	7 23	0 46	12 50	0 21	20 38	1 53	4 46	4 21	24 58	9 50	1 20
T 3	22 20	8 57	2 28	17 50	3 11	24 29	1 34	23 25	0 34	21 52	0 44	2 34	2 15	7 23	0 46	12 50	0 21	20 38	1 52	4 45	4 19	24 57	9 51	1 20
F 4	22 27	2 32	1 21	17 34	3 22	24 24	1 36	23 29	0 34	21 52	0 44	2 35	2 15	7 23	0 46	12 51	0 21	20 38	1 52	4 46	4 18	24 55	9 52	1 20
S 5	22 33	3n51	0 10	17 21	3 32	24 18	1 37	23 33	0 35	21 51	0 44	2 37	2 15	7 22	0 46	12 51	0 21	20 38	1 52	4 46	4 17	24 53	9 53	1 20
S 6	22 40	9 57	0n59	17 9	3 41	24 12	1 39	23 37	0 35	21 50	0 44	2 38	2 15	7 22	0 46	12 51	0 21	20 38	1 52	4 46	4 16	24 52	9 54	1 20
M 7	22 46	15 32	2 5	16 59	3 49	24 4	1 40	23 40	0 36	21 49	0 44	2 40	2 16	7 22	0 47	12 51	0 21	20 38	1 52	4 45	4 14	24 50	9 55	1 20
T 8	22 51	20 21	3 3	16 51	3 55	23 56	1 41	23 44	0 36	21 49	0 44	2 42	2 16	7 22	0 47	12 51	0 21	20 38	1 52	4 43	4 13	24 48	9 56	1 20
W 9	22 56	24 12	3 51	16 45	4 1	23 48	1 43	23 47	0 37	21 48	0 44	2 43	2 16	7 22	0 47	12 51	0 21	20 38	1 52	4 40	4 12	24 46	9 57	1 20
T 10	23 1	26 52	4 27	16 41	4 5	23 39	1 44	23 50	0 37	21 47	0 43	2 45	2 16	7 22	0 47	12 51	0 21	20 38	1 52	4 36	4 11	24 44	9 58	1 20
F 11	23 5	28 12	4 51	16 39	4 7	23 29	1 45	23 52	0 38	21 47	0 43	2 46	2 16	7 22	0 47	12 51	0 21	20 38	1 52	4 31	4 9	24 43	9 58	1 20
S 12	23 9	28 10	5 1	16 39	4 9	23 18	1 46	23 55	0 38	21 46	0 43	2 47	2 17	7 22	0 47	12 52	0 21	20 37	1 52	4 26	4 8	24 41	9 59	1 20
S 13	23 12	26 49	4 57	16 42	4 9	23 7	1 47	23 57	0 39	21 45	0 43	2 49	2 17	7 21	0 47	12 52	0 21	20 37	1 52	4 21	4 7	24 39	10 0	1 20
M14	23 15	24 15	4 41	16 45	4 9	22 55	1 48	23 59	0 39	21 44	0 43	2 50	2 17	7 21	0 47	12 52	0 21	20 37	1 52	4 17	4 6	24 37	10 1	1 20
T 15	23 18	20 41	4 13	16 51	4 7	22 43	1 48	24 1	0 40	21 44	0 43	2 51	2 17	7 21	0 47	12 52	0 21	20 37	1 52	4 14	4 4	24 35	10 2	1 20
W16	23 20	16 17	3 34	16 59	4 5	22 30	1 49	24 3	0 40	21 43	0 43	2 53	2 18	7 21	0 47	12 52	0 21	20 37	1 51	4 11	4 3	24 34	10 2	1 20
T 17	23 22	11 15	2 45	17 8	4 1	22 16	1 50	24 4	0 41	21 42	0 42	2 54	2 18	7 21	0 47	12 52	0 21	20 37	1 51	4 10	4 2	24 32	10 3	1 20
F 18	23 23	5 44	1 48	17 18	3 57	22 2	1 50	24 5	0 41	21 41	0 42	2 55	2 18	7 22	0 47	12 53	0 21	20 37	1 51	4 9	4 1	24 30	10 4	1 20
S 19	23 24	0s 6	0 45	17 30	3 52	21 47	1 51	24 6	0 42	21 41	0 42	2 56	2 18	7 22	0 47	12 53	0 21	20 37	1 51	4 9	3 59	24 28	10 5	1 20
S 20	23 25	6 4	0s22	17 43	3 46	21 31	1 51	24 7	0 42	21 40	0 42	2 57	2 19	7 22	0 47	12 53	0 21	20 37	1 51	4 9	3 58	24 26	10 5	1 20
M21	23 25	11 59	1 29	17 58	3 39	21 15	1 51	24 8	0 42	21 39	0 42	2 58	2 19	7 22	0 47	12 53	0 21	20 37	1 51	4 9	3 57	24 24	10 6	1 20
T 22	23 25	17 34	2 34	18 13	3 32	20 58	1 52	24 8	0 43	21 38	0 42	2 59	2 19	7 22	0 47	12 54	0 21	20 36	1 51	4 8	3 56	24 23	10 7	1 20
W23	23 24	22 25	3 32	18 30	3 23	20 41	1 52	24 8	0 43	21 38	0 41	3 0	2 19	7 22	0 47	12 54	0 21	20 36	1 51	4 6	3 54	24 21	10 7	1 20
T 24	23 23	26 6	4 18	18 47	3 15	20 23	1 52	24 8	0 44	21 37	0 41	3 1	2 20	7 22	0 47	12 54	0 22	20 36	1 51	4 3	3 53	24 19	10 8	1 20
F 25	23 22	28 6	4 49	19 5	3 6	20 5	1 52	24 8	0 44	21 36	0 41	3 2	2 20	7 22	0 47	12 55	0 22	20 36	1 51	3 59	3 52	24 17	10 8	1 20
S 26	23 20	28 5	5 0	19 23	2 56	19 46	1 52	24 7	0 45	21 36	0 41	3 3	2 20	7 23	0 47	12 55	0 22	20 36	1 51	3 55	3 51	24 15	10 9	1 20
S 27	23 17	25 58	4 50	19 42	2 46	19 27	1 51	24 6	0 45	21 35	0 41	3 4	2 20	7 23	0 47	12 55	0 22	20 36	1 51	3 51	3 49	24 13	10 10	1 20
M28	23 15	22 0	4 20	20 1	2 35	19 7	1 51	24 6	0 46	21 34	0 41	3 5	2 21	7 23	0 47	12 56	0 22	20 36	1 51	3 47	3 48	24 11	10 10	1 20
T 29	23 12	16 41	3 33	20 20	2 24	18 47	1 51	24 4	0 46	21 34	0 40	3 6	2 21	7 23	0 47	12 56	0 22	20 36	1 51	3 44	3 47	24 9	10 11	1 20
W30	23n 8	10s31	2s33	20n39	2s12	18n26	1n50	24n 3	0n46	21s33	0n40	3n 7	2s21	7s23	0s47	12s56	0s22	20n36	1s50	3n43	3n46	24n 7	10n11	1n20

Julian Day Number = 2514883.5, Delta T = 139.21 sec
Ecliptic obliquity = 23°25'09, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°09'49, Lahiri = 26°16'49

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2173
geocentric

JULY 2173 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 37 49	9♋39'44	23♓12	19♊ 9	14♌57	6♋48	11°R57	13♈26	13°R 1	26°R42	16♋22	9°R21	9♈27	2♌53	23♈ 4	T 1
F 2	18 41 46	10°36'56	6♈56	20°38	16° 8	7°29	11♐51	13°28	13♓ 1	26♒41	16°23	9♈21	9°24	3° 0	23° 5	F 2
S 3	18 45 43	11°34'10	20°17	22°11	17°19	8° 9	11°45	13°30	13° 0	26°40	16°25	9°20	9°21	3° 6	23° 6	S 3
S 4	18 49 39	12°31'23	3♉17	23°47	18°29	8°49	11°39	13°33	12°59	26°39	16°26	9°19	9°17	3°13	23° 8	S 4
M 5	18 53 36	13°28'36	16° 1	25°26	19°40	9°29	11°34	13°35	12°58	26°38	16°28	9°16	9°14	3°20	23° 9	M 5
T 6	18 57 32	14°25'50	28°30	27° 8	20°50	10° 9	11°28	13°37	12°57	26°37	16°29	9°11	9°11	3°26	23°10	T 6
W 7	19 1 29	15°23'04	10♊49	28°54	22° 0	10°49	11°23	13°39	12°56	26°36	16°31	9° 2	9° 8	3°33	23°11	W 7
T 8	19 5 25	16°20'18	22°59	0♋43	23°11	11°29	11°18	13°41	12°55	26°35	16°32	8°51	9° 5	3°40	23°12	T 8
F 9	19 9 22	17°17'32	5♋ 3	2°34	24°21	12° 9	11°13	13°42	12°54	26°34	16°34	8°38	9° 2	3°46	23°13	F 9
S 10	19 13 18	18°14'46	17° 1	4°29	25°31	12°49	11° 8	13°44	12°53	26°33	16°35	8°25	8°58	3°53	23°14	S 10
S 11	19 17 15	19°12'00	28°54	6°26	26°41	13°29	11° 3	13°45	12°52	26°31	16°37	8°12	8°55	4° 0	23°15	S 11
M12	19 21 12	20° 9'14	10♌45	8°25	27°51	14° 9	10°59	13°47	12°51	26°30	16°38	8° 0	8°52	4° 7	23°16	M12
T 13	19 25 8	21° 6'29	22°35	10°27	29° 1	14°49	10°54	13°48	12°50	26°29	16°40	7°50	8°49	4°13	23°16	T 13
W14	19 29 5	22° 3'43	4♍26	12°30	0♍11	15°28	10°50	13°49	12°49	26°28	16°41	7°43	8°46	4°20	23°17	W14
T 15	19 33 1	23° 0'57	16°22	14°35	1°21	16° 8	10°46	13°50	12°48	26°26	16°43	7°39	8°42	4°27	23°18	T 15
F 16	19 36 58	23°58'11	28°26	16°42	2°31	16°48	10°42	13°52	12°46	26°25	16°44	7°37	8°39	4°33	23°18	F 16
S 17	19 40 54	24°55'26	10♎43	18°49	3°40	17°27	10°38	13°52	12°45	26°24	16°46	7°D37	8°36	4°40	23°19	S 17
S 18	19 44 51	25°52'40	23°17	20°58	4°50	18° 7	10°35	13°53	12°44	26°22	16°48	7°R37	8°33	4°47	23°19	S 18
M19	19 48 47	26°49'55	6♏13	23° 6	5°59	18°47	10°31	13°54	12°42	26°21	16°49	7°37	8°30	4°54	23°20	M19
T 20	19 52 44	27°47'09	19°36	25°15	7° 8	19°26	10°28	13°55	12°41	26°20	16°51	7°35	8°27	5° 0	23°20	T 20
W21	19 56 41	28°44'24	3♐28	27°23	8°18	20° 6	10°25	13°55	12°39	26°18	16°52	7°31	8°23	5° 7	23°20	W21
T 22	20 0 37	29°41'39	17°49	29°32	9°27	20°45	10°22	13°55	12°38	26°17	16°54	7°25	8°20	5°14	23°21	T 22
F 23	20 4 34	0♑38'54	2♑37	1♑39	10°36	21°25	10°20	13°56	12°36	26°15	16°55	7°16	8°17	5°20	23°21	F 23
S 24	20 8 30	1°36'10	17°44	3°46	11°45	22° 4	10°17	13°56	12°35	26°14	16°57	7° 7	8°14	5°27	23°21	S 24
S 25	20 12 27	2°33'26	3♒ 3	5°52	12°54	22°43	10°15	13°56	12°33	26°13	16°58	6°58	8°11	5°34	23°21	S 25
M26	20 16 23	3°30'42	18°20	7°56	14° 2	23°23	10°13	13°R56	12°31	26°11	17° 0	6°50	8° 8	5°41	23°21	M26
T 27	20 20 20	4°27'59	3♓25	10° 0	15°11	24° 2	10°11	13°56	12°30	26°10	17° 1	6°44	8° 4	5°47	23°R21	T 27
W28	20 24 16	5°25'17	18°11	12° 1	16°19	24°41	10° 9	13°56	12°28	26° 8	17° 2	6°40	8° 1	5°54	23°21	W28
T 29	20 28 13	6°22'36	2♈31	14° 2	17°28	25°21	10° 7	13°56	12°26	26° 7	17° 4	6°D39	7°58	6° 1	23°21	T 29
F 30	20 32 10	7°19'55	16°23	16° 1	18°36	26° 0	10° 6	13°55	12°24	26° 5	17° 5	6°39	7°55	6° 7	23°21	F 30
S 31	20 36 6	8♌17'16	29♈48	17♌58	19♍44	26♋39	10♐ 4	13♈55	12♓22	26♒ 4	17♋ 7	6♈40	7♈52	6♌14	23♈21	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	23n 4	3s59	1s24	20n58	2s 1	18n 5	1n50	24n 2	0n47	21s32	0n40	3n 7	2s22	7s24	0s47	12s57	0s22	20n35	1s50	3n42	3n44	24n 6	10n12	1n20	T 1
F 2	23 0	2n33	0 13	21 17	1 49	17 43	1 49	24 0	0 47	21 32	0 40	3 8	2 22	7 24	0 47	12 57	0 22	20 35	1 50	3 42	3 43	24 4	10 12	1 20	F 2
S 3	22 55	8 48	0n57	21 35	1 37	17 21	1 48	23 58	0 48	21 31	0 40	3 9	2 22	7 24	0 48	12 57	0 22	20 35	1 50	3 42	3 42	24 2	10 13	1 20	S 3
S 4	22 50	14 31	2 3	21 52	1 24	16 59	1 47	23 56	0 48	21 31	0 40	3 9	2 22	7 25	0 48	12 58	0 22	20 35	1 50	3 42	3 41	24 0	10 13	1 20	S 4
M 5	22 44	19 30	3 1	22 8	1 12	16 36	1 47	23 53	0 49	21 30	0 39	3 10	2 23	7 25	0 48	12 58	0 22	20 35	1 50	3 40	3 39	23 58	10 14	1 20	M 5
T 6	22 38	23 31	3 48	22 24	1 0	16 12	1 46	23 51	0 49	21 30	0 39	3 10	2 23	7 25	0 48	12 58	0 22	20 35	1 50	3 38	3 38	23 56	10 14	1 20	T 6
W 7	22 32	26 25	4 25	22 38	0 47	15 48	1 44	23 48	0 49	21 29	0 39	3 11	2 23	7 26	0 48	12 59	0 22	20 35	1 50	3 35	3 37	23 54	10 14	1 20	W 7
T 8	22 25	28 2	4 49	22 50	0 35	15 24	1 43	23 45	0 50	21 29	0 39	3 11	2 23	7 26	0 48	12 59	0 22	20 35	1 50	3 30	3 36	23 52	10 15	1 20	T 8
F 9	22 18	28 18	4 59	23 1	0 23	15 0	1 42	23 42	0 50	21 28	0 39	3 12	2 24	7 27	0 48	13 0	0 22	20 34	1 50	3 25	3 34	23 50	10 15	1 20	F 9
S 10	22 11	27 14	4 56	23 10	0 11	14 35	1 41	23 39	0 51	21 28	0 38	3 12	2 24	7 27	0 48	13 0	0 22	20 34	1 50	3 20	3 33	23 48	10 15	1 20	S 10
S 11	22 3	24 56	4 41	23 17	0n 1	14 10	1 39	23 35	0 51	21 27	0 38	3 12	2 24	7 27	0 48	13 0	0 22	20 34	1 50	3 15	3 32	23 46	10 16	1 20	S 11
M12	21 54	21 35	4 13	23 21	0 12	13 44	1 37	23 31	0 52	21 27	0 38	3 13	2 25	7 28	0 48	13 1	0 22	20 34	1 50	3 10	3 31	23 44	10 16	1 20	M12
T 13	21 46	17 21	3 34	23 23	0 23	13 18	1 36	23 27	0 52	21 26	0 38	3 13	2 25	7 28	0 48	13 1	0 22	20 34	1 50	3 6	3 29	23 42	10 16	1 20	T 13
W14	21 37	12 27	2 46	23 23	0 33	12 52	1 34	23 23	0 52	21 26	0 38	3 13	2 25	7 29	0 48	13 2	0 22	20 34	1 50	3 4	3 28	23 40	10 17	1 20	W14
T 15	21 27	7 4	1 50	23 20	0 43	12 25	1 32	23 19	0 53	21 25	0 37	3 13	2 25	7 29	0 48	13 2	0 22	20 34	1 50	3 2	3 27	23 38	10 17	1 20	T 15
F 16	21 18	1 22	0 49	23 15	0 53	11 59	1 30	23 15	0 53	21 25	0 37	3 13	2 26	7 30	0 48	13 3	0 22	20 34	1 50	3 1	3 26	23 36	10 17	1 20	F 16
S 17	21 8	4s29	0s16	23 7	1 1	11 31	1 28	23 10	0 54	21 25	0 37	3 14	2 26	7 30	0 48	13 3	0 22	20 33	1 49	3 1	3 24	23 34	10 17	1 20	S 17
S 18	20 57	10 19	1 22	22 56	1 9	11 4	1 26	23 5	0 54	21 25	0 37	3 14	2 26	7 31	0 48	13 4	0 22	20 33	1 49	3 1	3 23	23 32	10 17	1 20	S 18
M19	20 46	15 53	2 26	22 42	1 17	10 36	1 24	23 0	0 54	21 24	0 37	3 14	2 27	7 32	0 48	13 4	0 22	20 33	1 49	3 1	3 22	23 30	10 18	1 20	M19
T 20	20 35	20 53	3 24	22 26	1 23	10 9	1 22	22 55	0 55	21 24	0 36	3 14	2 27	7 32	0 48	13 5	0 22	20 33	1 49	3 0	3 21	23 28	10 18	1 20	T 20
W21	20 24	24 57	4 12	22 7	1 29	9 41	1 19	22 49	0 55	21 24	0 36	3 14	2 27	7 33	0 48	13 5	0 22	20 33	1 49	2 59	3 19	23 26	10 18	1 20	W21
T 22	20 12	27 36	4 46	21 46	1 34	9 12	1 17	22 44	0 55	21 24	0 36	3 13	2 27	7 33	0 48	13 6	0 22	20 33	1 49	2 56	3 18	23 24	10 18	1 20	T 22
F 23	20 0	28 25	5 2	21 22	1 38	8 44	1 14	22 38	0 56	21 23	0 36	3 13	2 28	7 34	0 48	13 6	0 22	20 33	1 49	2 53	3 17	23 22	10 18	1 20	F 23
S 24	19 47	27 10	4 58	20 56	1 41	8 15	1 11	22 32	0 56	21 23	0 36	3 13	2 28	7 35	0 48	13 7	0 22	20 32	1 49	2 49	3 16	23 20	10 18	1 20	S 24
S 25	19 34	23 53	4 32	20 28	1 44	7 46	1 9	22 26	0 57	21 23	0 35	3 13	2 28	7 35	0 48	13 7	0 22	20 32	1 49	2 46	3 14	23 18	10 18	1 20	S 25
M26	19 21	18 56	3 48	19 58	1 46	7 17	1 6	22 20	0 57	21 23	0 35	3 13	2 28	7 36	0 48	13 8	0 22	20 32	1 49	2 43	3 13	23 15	10 18	1 20	M26
T 27	19 8	12 50	2 47	19 27	1 47	6 48	1 3	22 13	0 57	21 23	0 35	3 12	2 29	7 37	0 48	13 8	0 22	20 32	1 49	2 40	3 12	23 13	10 18	1 20	T 27
W28	18 54	6 9	1 37	18 53	1 47	6 19	1 0	22 7	0 58	21 23	0 35	3 12	2 29	7 37	0 48	13 9	0 22	20 32	1 49	2 39	3 11	23 11	10 18	1 20	W28
T 29	18 40	0n40	0 22	18 19	1 47	5 49	0 56	22 0	0 58	21 23	0 34	3 12	2 29	7 38	0 48	13 9	0 22	20 32	1 49	2 38	3 9	23 9	10 18	1 20	T 29
F 30	18 25	7 14	0n52	17 43	1 46	5 19	0 53	21 53	0 58	21 23	0 34	3 11	2 30	7 39	0 48	13 10	0 22	20 32	1 49	2 38	3 8	23 7	10 18	1 20	F 30
S 31	18n11	13n16	2n 1	17n 6	1n45	4n50	0n50	21n46	0n59	21s23	0n34	3n11	2s30	7s39	0s48	13s10	0s22	20n32	1s49	2n39	3n 7	23n 5	10n18	1n20	S 31

Julian Day Number = 2514913.5, Delta T = 139.27 sec
Ecliptic obliquity = 23°25'09, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°09'53, Lahiri = 26°16'53

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2173
geocentric

AUGUST 2173 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 40 3	9♌14'38	12♉49	19♌54	20♍52	27♋18	10°R 3	13°R54	12°R21	26°R 2	17♋ 8	6°R40	7♈48	6♌21	23°R20	S 1
M 2	20 43 59	10°12'00	25°30	21°48	22° 0	27°57	10♐ 2	13♈53	12♓19	26♒ 0	17°10	6♈39	7°45	6°27	23♈20	M 2
T 3	20 47 56	11° 9'24	7♊54	23°40	23° 8	28°36	10° 2	13°52	12°17	25°59	17°11	6°36	7°42	6°34	23°20	T 3
W 4	20 51 52	12° 6'49	20° 6	25°31	24°16	29°15	10° 1	13°52	12°15	25°57	17°13	6°30	7°39	6°41	23°19	W 4
T 5	20 55 49	13° 4'15	2♋ 9	27°20	25°23	29°54	10° 1	13°51	12°13	25°56	17°14	6°22	7°36	6°48	23°19	T 5
F 6	20 59 45	14° 1'42	14° 5	29° 8	26°31	0♌33	10°D 1	13°49	12°11	25°54	17°15	6°13	7°33	6°54	23°18	F 6
S 7	21 3 42	14°59'11	25°58	0♍54	27°38	1°12	10° 1	13°48	12° 9	25°53	17°17	6° 4	7°29	7° 1	23°18	S 7
S 8	21 7 39	15°56'40	7♌49	2°38	28°45	1°51	10° 1	13°47	12° 7	25°51	17°18	5°54	7°26	7° 8	23°17	S 8
M 9	21 11 35	16°54'10	19°40	4°21	29°52	2°30	10° 1	13°45	12° 5	25°49	17°20	5°46	7°23	7°14	23°16	M 9
T 10	21 15 32	17°51'41	1♍33	6° 2	0♎59	3° 9	10° 2	13°44	12° 3	25°48	17°21	5°39	7°20	7°21	23°16	T 10
W11	21 19 28	18°49'13	13°29	7°42	2° 6	3°48	10° 3	13°42	12° 1	25°46	17°22	5°34	7°17	7°28	23°15	W11
T 12	21 23 25	19°46'46	25°30	9°20	3°13	4°27	10° 4	13°41	11°58	25°44	17°24	5°32	7°14	7°35	23°14	T 12
F 13	21 27 21	20°44'19	7♎41	10°56	4°19	5° 6	10° 5	13°39	11°56	25°43	17°25	5°D31	7°10	7°41	23°13	F 13
S 14	21 31 18	21°41'54	20° 3	12°31	5°25	5°44	10° 6	13°37	11°54	25°41	17°26	5°32	7° 7	7°48	23°12	S 14
S 15	21 35 14	22°39'30	2♏40	14° 4	6°31	6°23	10° 8	13°35	11°52	25°40	17°27	5°33	7° 4	7°55	23°11	S 15
M16	21 39 11	23°37'06	15°36	15°36	7°37	7° 2	10° 9	13°33	11°50	25°38	17°29	5°35	7° 1	8° 1	23°10	M16
T 17	21 43 8	24°34'44	28°55	17° 6	8°43	7°41	10°11	13°31	11°47	25°36	17°30	5°R35	6°58	8° 8	23° 9	T 17
W18	21 47 4	25°32'23	12♐39	18°34	9°49	8°19	10°13	13°28	11°45	25°35	17°31	5°33	6°54	8°15	23° 8	W18
T 19	21 51 1	26°30'02	26°50	20° 1	10°54	8°58	10°15	13°26	11°43	25°33	17°33	5°31	6°51	8°21	23° 7	T 19
F 20	21 54 57	27°27'43	11♑25	21°27	12° 0	9°37	10°18	13°24	11°41	25°31	17°34	5°26	6°48	8°28	23° 5	F 20
S 21	21 58 54	28°25'24	26°20	22°50	13° 5	10°15	10°20	13°21	11°38	25°30	17°35	5°21	6°45	8°35	23° 4	S 21
S 22	22 2 50	29°23'07	11♒28	24°12	14° 9	10°54	10°23	13°18	11°36	25°28	17°36	5°16	6°42	8°42	23° 3	S 22
M23	22 6 47	0♍20'51	26°40	25°33	15°14	11°32	10°26	13°16	11°34	25°27	17°37	5°11	6°39	8°48	23° 1	M23
T 24	22 10 43	1°18'36	11♓45	26°51	16°19	12°11	10°29	13°13	11°31	25°25	17°39	5° 8	6°35	8°55	23° 0	T 24
W25	22 14 40	2°16'23	26°34	28° 8	17°23	12°49	10°32	13°10	11°29	25°23	17°40	5° 7	6°32	9° 2	22°58	W25
T 26	22 18 37	3°14'11	11♈ 0	29°23	18°27	13°27	10°36	13° 7	11°27	25°22	17°41	5°D 6	6°29	9° 8	22°57	T 26
F 27	22 22 33	4°12'00	25° 0	0♎36	19°31	14° 6	10°39	13° 4	11°24	25°20	17°42	5° 7	6°26	9°15	22°55	F 27
S 28	22 26 30	5° 9'52	8♉33	1°47	20°34	14°44	10°43	13° 1	11°22	25°18	17°43	5° 9	6°23	9°22	22°54	S 28
S 29	22 30 26	6° 7'45	21°40	2°55	21°38	15°23	10°47	12°58	11°19	25°17	17°44	5°10	6°20	9°28	22°52	S 29
M30	22 34 23	7° 5'40	4♊24	4° 2	22°41	16° 1	10°51	12°54	11°17	25°15	17°45	5°R11	6°16	9°35	22°50	M30
T 31	22 38 19	8♍ 3'37	16♊49	5♎ 7	23♎44	16♌39	10♐56	12♈51	11♓15	25♒14	17♋46	5♈11	6♈13	9♌42	22♈49	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n56	18n33	3n 1	16n27	1n43	4n20	0n47	21n39	0n59	21s23	0n34	3n10	2s30	7s40	0s48	13s11	0s22	20n31	1s49	2n39	3n 6	23n 3	10n18	1n20
M 2	17 40	22 51	3 51	15 48	1 40	3 50	0 43	21 31	0 59	21 23	0 34	3 10	2 30	7 41	0 48	13 11	0 22	20 31	1 49	2 38	3 4	23 1	10 18	1 20
T 3	17 25	26 1	4 28	15 8	1 37	3 20	0 39	21 24	1 0	21 23	0 33	3 9	2 31	7 42	0 48	13 12	0 22	20 31	1 49	2 37	3 3	22 59	10 18	1 20
W 4	17 9	27 55	4 53	14 28	1 33	2 50	0 36	21 16	1 0	21 23	0 33	3 9	2 31	7 42	0 48	13 12	0 22	20 31	1 49	2 35	3 2	22 56	10 17	1 20
T 5	16 53	28 29	5 5	13 46	1 29	2 19	0 32	21 8	1 0	21 23	0 33	3 8	2 31	7 43	0 49	13 13	0 22	20 31	1 49	2 32	3 1	22 54	10 17	1 20
F 6	16 36	27 41	5 3	13 5	1 24	1 49	0 28	21 0	1 1	21 23	0 33	3 7	2 31	7 44	0 49	13 13	0 22	20 31	1 49	2 28	2 59	22 52	10 17	1 20
S 7	16 20	25 39	4 48	12 23	1 19	1 19	0 24	20 52	1 1	21 24	0 33	3 7	2 32	7 45	0 49	13 14	0 22	20 31	1 49	2 24	2 58	22 50	10 17	1 20
S 8	16 3	22 29	4 20	11 40	1 13	0 48	0 20	20 44	1 1	21 24	0 32	3 6	2 32	7 46	0 49	13 15	0 22	20 30	1 49	2 21	2 57	22 48	10 17	1 20
M 9	15 45	18 24	3 41	10 57	1 8	0 18	0 16	20 35	1 2	21 24	0 32	3 5	2 32	7 46	0 49	13 15	0 22	20 30	1 48	2 17	2 56	22 46	10 16	1 20
T 10	15 28	13 36	2 53	10 14	1 1	0s12	0 12	20 27	1 2	21 24	0 32	3 4	2 33	7 47	0 49	13 16	0 22	20 30	1 48	2 14	2 54	22 44	10 16	1 20
W11	15 10	8 17	1 56	9 31	0 55	0 43	0 8	20 18	1 2	21 25	0 32	3 3	2 33	7 48	0 49	13 16	0 22	20 30	1 48	2 13	2 53	22 41	10 16	1 20
T 12	14 52	2 37	0 54	8 48	0 48	1 13	0 4	20 9	1 3	21 25	0 32	3 2	2 33	7 49	0 49	13 17	0 22	20 30	1 48	2 12	2 52	22 39	10 15	1 20
F 13	14 34	3s13	0s12	8 5	0 41	1 44	0s 1	20 0	1 3	21 26	0 31	3 2	2 33	7 50	0 49	13 17	0 22	20 30	1 48	2 11	2 51	22 37	10 15	1 20
S 14	14 16	9 2	1 18	7 22	0 33	2 14	0 5	19 51	1 3	21 26	0 31	3 1	2 34	7 51	0 49	13 18	0 22	20 30	1 48	2 12	2 49	22 35	10 15	1 20
S 15	13 57	14 36	2 22	6 39	0 25	2 44	0 10	19 41	1 4	21 26	0 31	3 0	2 34	7 51	0 49	13 18	0 22	20 29	1 48	2 12	2 48	22 33	10 14	1 20
M16	13 38	19 41	3 20	5 57	0 18	3 15	0 14	19 32	1 4	21 27	0 31	2 59	2 34	7 52	0 49	13 19	0 22	20 29	1 48	2 13	2 47	22 30	10 14	1 20
T 17	13 19	23 57	4 9	5 14	0 9	3 45	0 19	19 22	1 4	21 27	0 31	2 57	2 34	7 53	0 49	13 20	0 22	20 29	1 48	2 13	2 46	22 28	10 14	1 20
W18	13 0	27 2	4 46	4 32	0 1	4 15	0 24	19 12	1 5	21 28	0 30	2 56	2 35	7 54	0 49	13 20	0 22	20 29	1 48	2 12	2 44	22 26	10 13	1 20
T 19	12 40	28 30	5 7	3 50	0s 8	4 45	0 29	19 3	1 5	21 28	0 30	2 55	2 35	7 55	0 49	13 21	0 22	20 29	1 48	2 11	2 43	22 24	10 13	1 20
F 20	12 21	28 3	5 9	3 8	0 16	5 15	0 33	18 53	1 5	21 29	0 30	2 54	2 35	7 56	0 49	13 21	0 22	20 29	1 48	2 10	2 42	22 21	10 12	1 20
S 21	12 1	25 37	4 50	2 27	0 25	5 45	0 38	18 43	1 5	21 29	0 30	2 53	2 35	7 57	0 49	13 22	0 22	20 29	1 48	2 7	2 41	22 19	10 12	1 20
S 22	11 41	21 21	4 11	1 47	0 34	6 15	0 43	18 32	1 6	21 30	0 30	2 52	2 35	7 58	0 49	13 22	0 22	20 29	1 48	2 5	2 39	22 17	10 11	1 20
M23	11 20	15 39	3 14	1 6	0 43	6 44	0 48	18 22	1 6	21 31	0 29	2 50	2 36	7 58	0 49	13 23	0 22	20 28	1 48	2 4	2 38	22 15	10 11	1 20
T 24	11 0	9 4	2 4	0 27	0 53	7 14	0 53	18 12	1 6	21 31	0 29	2 49	2 36	7 59	0 49	13 24	0 22	20 28	1 48	2 2	2 37	22 13	10 10	1 20
W25	10 39	2 5	0 47	0s12	1 2	7 43	0 59	18 1	1 7	21 32	0 29	2 48	2 36	8 0	0 49	13 24	0 22	20 28	1 48	2 2	2 36	22 10	10 10	1 20
T 26	10 19	4n51	0n32	0 51	1 11	8 12	1 4	17 50	1 7	21 33	0 29	2 46	2 36	8 1	0 49	13 25	0 23	20 28	1 48	2 2	2 34	22 8	10 9	1 20
F 27	9 58	11 20	1 47	1 28	1 21	8 42	1 9	17 39	1 7	21 33	0 29	2 45	2 37	8 2	0 49	13 25	0 23	20 28	1 48	2 2	2 33	22 6	10 8	1 20
S 28	9 37	17 4	2 53	2 5	1 30	9 10	1 14	17 29	1 8	21 34	0 28	2 44	2 37	8 3	0 49	13 26	0 23	20 28	1 48	2 3	2 32	22 3	10 8	1 20
S 29	9 15	21 50	3 48	2 41	1 40	9 39	1 20	17 17	1 8	21 35	0 28	2 42	2 37	8 4	0 49	13 26	0 23	20 28	1 48	2 3	2 31	22 1	10 7	1 20
M30	8 54	25 25	4 30	3 17	1 49	10 8	1 25	17 6	1 8	21 35	0 28	2 41	2 37	8 5	0 49	13 27	0 23	20 28	1 48	2 4	2 29	21 59	10 6	1 20
T 31	8n32	27n42	4n58	3s51	1s59	10s36	1s30	16n55	1n 8	21s36	0n28	2n39	2s37	8s 6	0s49	13s27	0s23	20n28	1s48	2n 3	2n28	21n57	10n 6	1n20

Julian Day Number = 2514944.5, Delta T = 139.34 sec
Ecliptic obliquity = 23°25'09, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°09'57, Lahiri = 26°16'58

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2173
geocentric

SEPTEMBER 2173 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 42 16	9♍ 1'36	29♊ 0	6♎ 9	24♎46	17♌18	11♐ 0	12°R48	11°R12	25°R12	17♋47	5°R 9	6♈10	9♌49	22°R47	W 1
T 2	22 46 12	9°59'37	11♋ 0	7° 8	25°48	17°56	11° 5	12♈44	11♓10	25♒10	17°48	5♈ 7	6° 7	9°55	22♈45	T 2
F 3	22 50 9	10°57'39	22°53	8° 5	26°51	18°34	11°10	12°41	11° 8	25° 9	17°49	5° 3	6° 4	10° 2	22°43	F 3
S 4	22 54 6	11°55'44	4♌44	9° 0	27°52	19°12	11°14	12°37	11° 5	25° 7	17°50	4°59	6° 0	10° 9	22°41	S 4
S 5	22 58 2	12°53'50	16°35	9°51	28°54	19°50	11°20	12°33	11° 3	25° 6	17°51	4°56	5°57	10°15	22°39	S 5
M 6	23 1 59	13°51'57	28°29	10°39	29°55	20°29	11°25	12°30	11° 0	25° 4	17°52	4°52	5°54	10°22	22°37	M 6
T 7	23 5 55	14°50'07	10♍27	11°23	0♏56	21° 7	11°30	12°26	10°58	25° 3	17°53	4°50	5°51	10°29	22°35	T 7
W 8	23 9 52	15°48'18	22°32	12° 4	1°57	21°45	11°36	12°22	10°56	25° 1	17°54	4°48	5°48	10°35	22°33	W 8
T 9	23 13 48	16°46'31	4♎46	12°42	2°57	22°23	11°42	12°18	10°53	25° 0	17°55	4°D48	5°45	10°42	22°31	T 9
F 10	23 17 45	17°44'45	17° 9	13°15	3°57	23° 1	11°47	12°14	10°51	24°58	17°56	4°48	5°41	10°49	22°29	F 10
S 11	23 21 41	18°43'01	29°45	13°43	4°57	23°39	11°54	12°10	10°48	24°57	17°57	4°49	5°38	10°56	22°27	S 11
S 12	23 25 38	19°41'19	12♏34	14° 7	5°56	24°17	12° 0	12° 6	10°46	24°55	17°58	4°50	5°35	11° 2	22°25	S 12
M13	23 29 35	20°39'38	25°39	14°26	6°55	24°55	12° 6	12° 1	10°44	24°54	17°58	4°52	5°32	11° 9	22°22	M13
T 14	23 33 31	21°37'59	9♐ 1	14°40	7°53	25°33	12°13	11°57	10°41	24°52	17°59	4°52	5°29	11°16	22°20	T 14
W15	23 37 28	22°36'22	22°42	14°48	8°52	26°11	12°19	11°53	10°39	24°51	18° 0	4°R53	5°26	11°22	22°18	W15
T 16	23 41 24	23°34'46	6♑43	14°R49	9°49	26°49	12°26	11°49	10°37	24°50	18° 1	4°52	5°22	11°29	22°15	T 16
F 17	23 45 21	24°33'11	21° 2	14°45	10°47	27°27	12°33	11°44	10°34	24°48	18° 2	4°52	5°19	11°36	22°13	F 17
S 18	23 49 17	25°31'38	5♒37	14°34	11°43	28° 4	12°40	11°40	10°32	24°47	18° 2	4°51	5°16	11°42	22°11	S 18
S 19	23 53 14	26°30'07	20°24	14°16	12°40	28°42	12°47	11°36	10°30	24°46	18° 3	4°50	5°13	11°49	22° 8	S 19
M20	23 57 10	27°28'37	5♓15	13°51	13°36	29°20	12°55	11°31	10°28	24°44	18° 4	4°49	5°10	11°56	22° 6	M20
T 21	0 1 7	28°27'09	20° 3	13°19	14°31	29°58	13° 2	11°27	10°25	24°43	18° 4	4°48	5° 6	12° 3	22° 3	T 21
W22	0 5 4	29°25'43	4♈41	12°41	15°26	0♍36	13°10	11°22	10°23	24°42	18° 5	4°D48	5° 3	12° 9	22° 1	W22
T 23	0 9 0	0♎24'19	19° 3	11°56	16°20	1°13	13°17	11°17	10°21	24°40	18° 6	4°48	5° 0	12°16	21°58	T 23
F 24	0 12 57	1°22'57	3♉ 3	11° 4	17°14	1°51	13°25	11°13	10°19	24°39	18° 6	4°49	4°57	12°23	21°56	F 24
S 25	0 16 53	2°21'37	16°40	10° 8	18° 8	2°29	13°33	11° 8	10°17	24°38	18° 7	4°49	4°54	12°29	21°53	S 25
S 26	0 20 50	3°20'19	29°51	9° 7	19° 0	3° 6	13°42	11° 4	10°14	24°37	18° 7	4°49	4°51	12°36	21°51	S 26
M27	0 24 46	4°19'04	12♊40	8° 3	19°52	3°44	13°50	10°59	10°12	24°36	18° 8	4°49	4°47	12°43	21°48	M27
T 28	0 28 43	5°17'50	25° 9	6°57	20°44	4°21	13°58	10°54	10°10	24°34	18° 8	4°R49	4°44	12°49	21°45	T 28
W29	0 32 39	6°16'39	7♋21	5°51	21°34	4°59	14° 7	10°50	10° 8	24°33	18° 9	4°D49	4°41	12°56	21°43	W29
T 30	0 36 36	7♎15'31	19♋22	4♎46	22♏25	5♍37	14♐15	10♈45	10♓ 6	24♒32	18♋ 9	4♈49	4♈38	13♌ 3	21♈40	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	8n11	28n37	5n12	4s24	2s 8	11s 4	1s36	16n44	1n 9	21s37	0n28	2n38	2s38	8s 7	0s49	13s28	0s23	20n27	1s48	2n 3	2n27	21n54	10n 5	1n20
T 2	7 49	28 9	5 12	4 56	2 18	11 32	1 41	16 32	1 9	21 38	0 27	2 36	2 38	8 8	0 49	13 28	0 23	20 27	1 48	2 2	2 26	21 52	10 4	1 20
F 3	7 27	26 23	4 59	5 27	2 27	12 0	1 47	16 21	1 9	21 39	0 27	2 35	2 38	8 8	0 49	13 29	0 23	20 27	1 48	2 0	2 24	21 50	10 4	1 20
S 4	7 5	23 28	4 33	5 57	2 36	12 28	1 52	16 9	1 9	21 40	0 27	2 33	2 38	8 9	0 49	13 29	0 23	20 27	1 48	1 59	2 23	21 47	10 3	1 20
S 5	6 43	19 35	3 55	6 26	2 45	12 55	1 58	15 57	1 10	21 40	0 27	2 32	2 38	8 10	0 49	13 30	0 23	20 27	1 48	1 57	2 22	21 45	10 2	1 20
M 6	6 20	14 55	3 7	6 53	2 54	13 22	2 4	15 45	1 10	21 41	0 27	2 30	2 38	8 11	0 49	13 31	0 23	20 27	1 48	1 56	2 21	21 43	10 1	1 20
T 7	5 58	9 39	2 10	7 18	3 2	13 49	2 9	15 33	1 10	21 42	0 27	2 28	2 39	8 12	0 49	13 31	0 23	20 27	1 48	1 55	2 19	21 40	10 1	1 20
W 8	5 36	3 59	1 7	7 42	3 11	14 15	2 15	15 21	1 10	21 43	0 26	2 27	2 39	8 13	0 49	13 32	0 23	20 27	1 48	1 54	2 18	21 38	10 0	1 19
T 9	5 13	1s53	0 0	8 4	3 19	14 41	2 21	15 9	1 11	21 44	0 26	2 25	2 39	8 14	0 49	13 32	0 23	20 27	1 48	1 54	2 17	21 36	9 59	1 19
F 10	4 50	7 47	1s 8	8 23	3 26	15 7	2 26	14 57	1 11	21 45	0 26	2 23	2 39	8 15	0 49	13 33	0 23	20 26	1 48	1 54	2 16	21 33	9 58	1 19
S 11	4 28	13 27	2 14	8 41	3 33	15 33	2 32	14 45	1 11	21 46	0 26	2 22	2 39	8 16	0 49	13 33	0 23	20 26	1 48	1 55	2 14	21 31	9 57	1 19
S 12	4 5	18 40	3 14	8 57	3 40	15 58	2 38	14 32	1 11	21 47	0 26	2 20	2 39	8 17	0 49	13 34	0 23	20 26	1 48	1 55	2 13	21 29	9 57	1 19
M13	3 42	23 8	4 5	9 10	3 46	16 23	2 44	14 20	1 12	21 48	0 25	2 18	2 40	8 17	0 49	13 34	0 23	20 26	1 48	1 56	2 12	21 26	9 56	1 19
T 14	3 19	26 29	4 45	9 20	3 51	16 48	2 49	14 7	1 12	21 49	0 25	2 16	2 40	8 18	0 49	13 35	0 23	20 26	1 48	1 56	2 10	21 24	9 55	1 19
W15	2 56	28 22	5 9	9 27	3 56	17 12	2 55	13 55	1 12	21 50	0 25	2 15	2 40	8 19	0 49	13 35	0 23	20 26	1 47	1 56	2 9	21 21	9 54	1 19
T 16	2 33	28 31	5 16	9 31	4 0	17 36	3 1	13 42	1 12	21 51	0 25	2 13	2 40	8 20	0 49	13 35	0 23	20 26	1 47	1 56	2 8	21 19	9 53	1 19
F 17	2 10	26 47	5 4	9 32	4 2	18 0	3 7	13 29	1 13	21 52	0 25	2 11	2 40	8 21	0 49	13 36	0 23	20 26	1 47	1 56	2 7	21 17	9 52	1 19
S 18	1 47	23 15	4 32	9 29	4 4	18 23	3 12	13 16	1 13	21 53	0 25	2 9	2 40	8 22	0 49	13 36	0 23	20 26	1 47	1 55	2 5	21 14	9 51	1 19
S 19	1 23	18 11	3 42	9 22	4 4	18 46	3 18	13 4	1 13	21 55	0 24	2 7	2 40	8 23	0 49	13 37	0 23	20 26	1 47	1 55	2 4	21 12	9 50	1 19
M20	1 0	12 1	2 37	9 12	4 3	19 9	3 24	12 51	1 13	21 56	0 24	2 5	2 40	8 23	0 49	13 37	0 23	20 26	1 47	1 55	2 3	21 9	9 49	1 19
T 21	0 37	5 11	1 21	8 57	4 0	19 31	3 30	12 37	1 14	21 57	0 24	2 4	2 40	8 24	0 49	13 38	0 23	20 26	1 47	1 55	2 2	21 7	9 48	1 19
W22	0 14	1n51	0 1	8 38	3 56	19 53	3 35	12 24	1 14	21 58	0 24	2 2	2 41	8 25	0 49	13 38	0 23	20 26	1 47	1 54	2 0	21 5	9 47	1 19
T 23	0s10	8 40	1n18	8 14	3 50	20 14	3 41	12 11	1 14	21 59	0 24	2 0	2 41	8 26	0 49	13 39	0 23	20 25	1 47	1 54	1 59	21 2	9 46	1 19
F 24	0 33	14 53	2 30	7 47	3 42	20 35	3 46	11 58	1 14	22 0	0 24	1 58	2 41	8 27	0 49	13 39	0 23	20 25	1 47	1 55	1 58	21 0	9 45	1 19
S 25	0 56	20 11	3 32	7 16	3 32	20 56	3 52	11 45	1 15	22 1	0 23	1 56	2 41	8 28	0 49	13 39	0 23	20 25	1 47	1 55	1 57	20 57	9 44	1 19
S 26	1 20	24 20	4 20	6 41	3 20	21 16	3 58	11 31	1 15	22 2	0 23	1 54	2 41	8 28	0 49	13 40	0 23	20 25	1 47	1 55	1 55	20 55	9 43	1 19
M27	1 43	27 9	4 54	6 3	3 7	21 35	4 3	11 18	1 15	22 3	0 23	1 52	2 41	8 29	0 49	13 40	0 23	20 25	1 47	1 55	1 54	20 52	9 42	1 19
T 28	2 6	28 32	5 13	5 23	2 51	21 55	4 9	11 4	1 15	22 5	0 23	1 51	2 41	8 30	0 49	13 41	0 23	20 25	1 47	1 55	1 53	20 50	9 41	1 19
W29	2 29	28 29	5 17	4 41	2 34	22 13	4 14	10 51	1 15	22 6	0 23	1 49	2 41	8 31	0 49	13 41	0 23	20 25	1 47	1 55	1 52	20 48	9 40	1 19
T 30	2s53	27n 5	5n 7	3s58	2s16	22s32	4s19	10n37	1n16	22s 7	0n23	1n47	2s41	8s31	0s49	13s41	0s23	20n25	1s47	1n55	1n50	20n45	9n39	1n19

Julian Day Number = 2514975.5, Delta T = 139.41 sec
Ecliptic obliquity = 23°25'09, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°10'02, Lahiri = 26°17'02

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2173
geocentric

OCTOBER 2173 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 40 33	8♎14'24	1♌15	3°R44	23♏14	6♍14	14♐24	10°R40	10°R 4	24°R31	18♋10	4♈49	4♈35	13♌ 9	21°R37	F 1
S 2	0 44 29	9°13'20	13° 6	2♎47	24° 3	6°52	14°33	10♈36	10♓ 2	24♒30	18°10	4°50	4°31	13°16	21♈35	S 2
S 3	0 48 26	10°12'18	24°58	1°56	24°51	7°29	14°42	10°31	10° 0	24°29	18°10	4°50	4°28	13°23	21°32	S 3
M 4	0 52 22	11°11'18	6♍55	1°13	25°38	8° 7	14°51	10°26	9°58	24°28	18°11	4°51	4°25	13°30	21°29	M 4
T 5	0 56 19	12°10'20	19° 1	0°39	26°24	8°44	15° 0	10°21	9°56	24°27	18°11	4°52	4°22	13°36	21°26	T 5
W 6	1 0 15	13° 9'24	1♎17	0°15	27° 9	9°21	15°10	10°17	9°54	24°26	18°11	4°R52	4°19	13°43	21°24	W 6
T 7	1 4 12	14° 8'30	13°46	0° 1	27°54	9°59	15°19	10°12	9°52	24°25	18°12	4°52	4°16	13°50	21°21	T 7
F 8	1 8 8	15° 7'39	26°28	29°D57	28°38	10°36	15°29	10° 7	9°51	24°24	18°12	4°51	4°12	13°56	21°18	F 8
S 9	1 12 5	16° 6'49	9♏24	0° 4	29°20	11°14	15°38	10° 3	9°49	24°23	18°12	4°50	4° 9	14° 3	21°15	S 9
S 10	1 16 1	17° 6'02	22°35	0°21	0♐ 2	11°51	15°48	9°58	9°47	24°23	18°12	4°49	4° 6	14°10	21°13	S 10
M11	1 19 58	18° 5'16	5♐58	0°49	0°43	12°28	15°58	9°53	9°45	24°22	18°13	4°47	4° 3	14°16	21°10	M11
T 12	1 23 55	19° 4'32	19°35	1°26	1°22	13° 5	16° 8	9°49	9°44	24°21	18°13	4°45	4° 0	14°23	21° 7	T 12
W13	1 27 51	20° 3'50	3♑24	2°11	2° 1	13°43	16°18	9°44	9°42	24°20	18°13	4°44	3°57	14°30	21° 4	W13
T 14	1 31 48	21° 3'10	17°23	3° 5	2°38	14°20	16°29	9°40	9°40	24°20	18°13	4°D43	3°53	14°36	21° 1	T 14
F 15	1 35 44	22° 2'31	1♒32	4° 6	3°14	14°57	16°39	9°35	9°39	24°19	18°13	4°43	3°50	14°43	20°59	F 15
S 16	1 39 41	23° 1'54	15°49	5°14	3°48	15°34	16°49	9°31	9°37	24°18	18°13	4°44	3°47	14°50	20°56	S 16
S 17	1 43 37	24° 1'19	0♓11	6°27	4°22	16°11	17° 0	9°26	9°36	24°18	18°13	4°46	3°44	14°57	20°53	S 17
M18	1 47 34	25° 0'46	14°34	7°46	4°53	16°48	17°10	9°22	9°34	24°17	18°R13	4°47	3°41	15° 3	20°50	M18
T 19	1 51 31	26° 0'14	28°56	9° 8	5°24	17°25	17°21	9°17	9°33	24°16	18°13	4°R48	3°37	15°10	20°48	T 19
W20	1 55 27	26°59'44	13♈11	10°35	5°53	18° 2	17°32	9°13	9°31	24°16	18°13	4°48	3°34	15°17	20°45	W20
T 21	1 59 24	27°59'16	27°15	12° 5	6°20	18°39	17°43	9° 9	9°30	24°15	18°13	4°46	3°31	15°23	20°42	T 21
F 22	2 3 20	28°58'50	11♉ 4	13°37	6°46	19°16	17°54	9° 4	9°29	24°15	18°13	4°44	3°28	15°30	20°39	F 22
S 23	2 7 17	29°58'26	24°34	15°11	7°10	19°53	18° 5	9° 0	9°28	24°14	18°13	4°40	3°25	15°37	20°36	S 23
S 24	2 11 13	0♏58'05	7♊44	16°47	7°32	20°30	18°16	8°56	9°26	24°14	18°13	4°36	3°22	15°43	20°34	S 24
M25	2 15 10	1°57'45	20°33	18°25	7°52	21° 7	18°27	8°52	9°25	24°14	18°13	4°32	3°18	15°50	20°31	M25
T 26	2 19 6	2°57'28	3♋ 4	20° 3	8°11	21°44	18°38	8°48	9°24	24°13	18°13	4°28	3°15	15°57	20°28	T 26
W27	2 23 3	3°57'13	15°18	21°42	8°28	22°21	18°50	8°44	9°23	24°13	18°12	4°25	3°12	16° 3	20°26	W27
T 28	2 27 0	4°57'01	27°19	23°22	8°42	22°58	19° 1	8°40	9°22	24°13	18°12	4°23	3° 9	16°10	20°23	T 28
F 29	2 30 56	5°56'50	9♌13	25° 2	8°55	23°35	19°13	8°36	9°21	24°12	18°12	4°D23	3° 6	16°17	20°20	F 29
S 30	2 34 53	6°56'42	21° 3	26°43	9° 5	24°11	19°24	8°32	9°20	24°12	18°12	4°24	3° 3	16°23	20°18	S 30
S 31	2 38 49	7♏56'35	2♍55	28♎23	9♐14	24♍48	19♐36	8♈28	9♓19	24♒12	18♋11	4♈26	2♈59	16♌30	20♈15	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	3s16	24n29	4n44	3s16	1s57	22s50	4s24	10n23	1n16	22s 8	0n23	1n45	2s41	8s32	0s49	13s42	0s23	20n25	1s47	1n55	1n49	20n43	9n38	1n18
S 2	3 39	20 51	4 9	2 35	1 37	23 7	4 30	10 10	1 16	22 9	0 22	1 43	2 41	8 33	0 49	13 42	0 23	20 25	1 47	1 55	1 48	20 40	9 37	1 18
S 3	4 2	16 23	3 24	1 56	1 17	23 24	4 35	9 56	1 16	22 11	0 22	1 41	2 41	8 34	0 48	13 42	0 23	20 25	1 47	1 55	1 47	20 38	9 36	1 18
M 4	4 25	11 16	2 29	1 21	0 56	23 41	4 40	9 42	1 16	22 12	0 22	1 39	2 41	8 34	0 48	13 43	0 23	20 25	1 47	1 56	1 45	20 35	9 35	1 18
T 5	4 48	5 41	1 27	0 49	0 36	23 57	4 45	9 28	1 17	22 13	0 22	1 38	2 41	8 35	0 48	13 43	0 23	20 25	1 47	1 56	1 44	20 33	9 34	1 18
W 6	5 11	0s12	0 20	0 21	0 17	24 12	4 50	9 14	1 17	22 14	0 22	1 36	2 41	8 36	0 48	13 43	0 23	20 25	1 47	1 56	1 43	20 30	9 33	1 18
T 7	5 34	6 11	0s49	0n 1	0n 2	24 27	4 54	9 1	1 17	22 15	0 22	1 34	2 41	8 36	0 48	13 44	0 23	20 25	1 47	1 56	1 42	20 28	9 32	1 18
F 8	5 57	12 1	1 57	0 19	0 19	24 42	4 59	8 47	1 17	22 16	0 21	1 32	2 41	8 37	0 48	13 44	0 23	20 25	1 47	1 56	1 40	20 25	9 30	1 18
S 9	6 20	17 27	3 0	0 31	0 35	24 56	5 4	8 33	1 17	22 18	0 21	1 30	2 41	8 38	0 48	13 44	0 23	20 25	1 47	1 55	1 39	20 23	9 29	1 18
S 10	6 43	22 10	3 54	0 38	0 50	25 9	5 8	8 18	1 18	22 19	0 21	1 28	2 41	8 38	0 48	13 45	0 23	20 25	1 47	1 55	1 38	20 20	9 28	1 18
M11	7 5	25 50	4 37	0 39	1 4	25 22	5 12	8 4	1 18	22 20	0 21	1 27	2 41	8 39	0 48	13 45	0 23	20 25	1 47	1 54	1 36	20 18	9 27	1 18
T 12	7 28	28 5	5 5	0 35	1 16	25 35	5 16	7 50	1 18	22 21	0 21	1 25	2 41	8 40	0 48	13 45	0 23	20 25	1 47	1 53	1 35	20 15	9 26	1 18
W13	7 50	28 38	5 16	0 27	1 26	25 46	5 20	7 36	1 18	22 22	0 21	1 23	2 41	8 40	0 48	13 45	0 23	20 25	1 47	1 53	1 34	20 13	9 25	1 18
T 14	8 13	27 23	5 8	0 14	1 35	25 58	5 24	7 22	1 18	22 24	0 21	1 21	2 41	8 41	0 48	13 46	0 23	20 25	1 47	1 52	1 33	20 10	9 24	1 18
F 15	8 35	24 23	4 42	0s 4	1 42	26 8	5 28	7 8	1 18	22 25	0 20	1 20	2 41	8 41	0 48	13 46	0 23	20 25	1 47	1 53	1 31	20 8	9 23	1 18
S 16	8 57	19 52	3 58	0 25	1 49	26 19	5 31	6 54	1 19	22 26	0 20	1 18	2 41	8 42	0 48	13 46	0 23	20 25	1 47	1 53	1 30	20 5	9 22	1 17
S 17	9 19	14 12	2 59	0 49	1 53	26 28	5 34	6 39	1 19	22 27	0 20	1 16	2 41	8 42	0 48	13 46	0 23	20 25	1 47	1 53	1 29	20 3	9 20	1 17
M18	9 40	7 45	1 49	1 17	1 57	26 37	5 37	6 25	1 19	22 28	0 20	1 15	2 41	8 43	0 48	13 46	0 23	20 25	1 47	1 54	1 28	20 0	9 19	1 17
T 19	10 2	0 55	0 32	1 47	2 0	26 46	5 40	6 11	1 19	22 29	0 20	1 13	2 41	8 44	0 48	13 47	0 23	20 25	1 47	1 54	1 26	19 57	9 18	1 17
W20	10 24	5n55	0n46	2 20	2 1	26 54	5 43	5 56	1 19	22 30	0 20	1 11	2 41	8 44	0 48	13 47	0 23	20 25	1 47	1 54	1 25	19 55	9 17	1 17
T 21	10 45	12 22	2 0	2 54	2 2	27 1	5 45	5 42	1 20	22 32	0 20	1 10	2 41	8 44	0 48	13 47	0 23	20 25	1 47	1 54	1 24	19 52	9 16	1 17
F 22	11 6	18 5	3 6	3 30	2 1	27 7	5 47	5 28	1 20	22 33	0 19	1 8	2 40	8 45	0 48	13 47	0 23	20 25	1 47	1 53	1 23	19 50	9 15	1 17
S 23	11 27	22 46	4 0	4 8	2 0	27 13	5 49	5 13	1 20	22 34	0 19	1 6	2 40	8 45	0 48	13 47	0 23	20 25	1 47	1 51	1 21	19 47	9 14	1 17
S 24	11 48	26 11	4 40	4 46	1 58	27 19	5 51	4 59	1 20	22 35	0 19	1 5	2 40	8 46	0 48	13 47	0 23	20 25	1 47	1 50	1 20	19 45	9 13	1 17
M25	12 9	28 8	5 4	5 26	1 56	27 23	5 52	4 45	1 20	22 36	0 19	1 3	2 40	8 46	0 48	13 48	0 23	20 25	1 47	1 48	1 19	19 42	9 11	1 17
T 26	12 29	28 36	5 13	6 6	1 53	27 27	5 53	4 30	1 20	22 37	0 19	1 2	2 40	8 47	0 48	13 48	0 23	20 25	1 47	1 46	1 18	19 39	9 10	1 17
W27	12 50	27 38	5 7	6 46	1 49	27 30	5 53	4 16	1 20	22 38	0 19	1 0	2 40	8 47	0 48	13 48	0 23	20 25	1 47	1 45	1 16	19 37	9 9	1 16
T 28	13 10	25 24	4 49	7 27	1 45	27 33	5 53	4 1	1 21	22 39	0 19	0 59	2 40	8 47	0 48	13 48	0 23	20 25	1 47	1 45	1 15	19 34	9 8	1 16
F 29	13 30	22 4	4 17	8 8	1 40	27 35	5 53	3 47	1 21	22 40	0 19	0 57	2 40	8 48	0 48	13 48	0 23	20 25	1 47	1 45	1 14	19 32	9 7	1 16
S 30	13 49	17 52	3 35	8 48	1 35	27 36	5 52	3 33	1 21	22 41	0 18	0 56	2 40	8 48	0 48	13 48	0 23	20 25	1 47	1 45	1 13	19 29	9 6	1 16
S 31	14s 9	12n58	2n44	9s29	1n30	27s36	5s51	3n18	1n21	22s42	0n18	0n55	2s39	8s48	0s48	13s48	0s23	20n25	1s47	1n46	1n11	19n26	9n 5	1n16

Julian Day Number = 2515005.5, Delta T = 139.48 sec
Ecliptic obliquity = 23°25'10, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°10'06, Lahiri = 26°17'06

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2173
geocentric

NOVEMBER 2173 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 42 46	8♏56'31	14♍54	0♏ 3	9♐20	25♍25	19♐48	8°R24	9°R18	24°R12	18°R11	4♈28	2♈56	16♌37	20°R12	M 1
T 2	2 46 42	9°56'29	27° 5	1°44	9°23	26° 2	20° 0	8♈21	9♓17	24♒12	18♋11	4°29	2°53	16°44	20♈10	T 2
W 3	2 50 39	10°56'29	9♎30	3°24	9°R25	26°38	20°12	8°17	9°17	24°12	18°10	4°R29	2°50	16°50	20° 7	W 3
T 4	2 54 35	11°56'31	22°13	5° 4	9°24	27°15	20°24	8°14	9°16	24°12	18°10	4°27	2°47	16°57	20° 5	T 4
F 5	2 58 32	12°56'35	5♏14	6°43	9°21	27°52	20°36	8°10	9°15	24°D12	18°10	4°24	2°43	17° 4	20° 2	F 5
S 6	3 2 28	13°56'41	18°34	8°23	9°15	28°28	20°48	8° 7	9°15	24°12	18° 9	4°19	2°40	17°10	20° 0	S 6
S 7	3 6 25	14°56'49	2♐11	10° 2	9° 7	29° 5	21° 0	8° 3	9°14	24°12	18° 9	4°12	2°37	17°17	19°57	S 7
M 8	3 10 22	15°56'59	16° 2	11°40	8°56	29°41	21°12	8° 0	9°13	24°12	18° 8	4° 5	2°34	17°24	19°55	M 8
T 9	3 14 18	16°57'10	0♑ 4	13°18	8°43	0♎18	21°25	7°57	9°13	24°12	18° 8	3°58	2°31	17°30	19°52	T 9
W10	3 18 15	17°57'23	14°11	14°56	8°28	0°54	21°37	7°54	9°13	24°12	18° 7	3°53	2°28	17°37	19°50	W10
T 11	3 22 11	18°57'38	28°22	16°34	8°10	1°30	21°49	7°51	9°12	24°12	18° 7	3°49	2°24	17°44	19°48	T 11
F 12	3 26 8	19°57'54	12♒33	18°11	7°50	2° 7	22° 2	7°48	9°12	24°12	18° 6	3°47	2°21	17°50	19°45	F 12
S 13	3 30 4	20°58'11	26°41	19°48	7°28	2°43	22°15	7°46	9°12	24°13	18° 6	3°D47	2°18	17°57	19°43	S 13
S 14	3 34 1	21°58'30	10♓46	21°24	7° 3	3°19	22°27	7°43	9°11	24°13	18° 5	3°48	2°15	18° 4	19°41	S 14
M15	3 37 58	22°58'49	24°46	23° 0	6°37	3°56	22°40	7°40	9°11	24°13	18° 4	3°49	2°12	18°10	19°38	M15
T 16	3 41 54	23°59'11	8♈41	24°36	6° 9	4°32	22°53	7°38	9°11	24°14	18° 4	3°R49	2° 9	18°17	19°36	T 16
W17	3 45 51	24°59'34	22°28	26°11	5°38	5° 8	23° 5	7°35	9°11	24°14	18° 3	3°48	2° 5	18°24	19°34	W17
T 18	3 49 47	25°59'58	6♉ 6	27°47	5° 7	5°44	23°18	7°33	9°D11	24°14	18° 2	3°44	2° 2	18°30	19°32	T 18
F 19	3 53 44	27° 0'24	19°34	29°21	4°34	6°20	23°31	7°31	9°11	24°15	18° 2	3°37	1°59	18°37	19°30	F 19
S 20	3 57 40	28° 0'51	2♊47	0♐56	3°59	6°56	23°44	7°29	9°11	24°15	18° 1	3°28	1°56	18°44	19°28	S 20
S 21	4 1 37	29° 1'20	15°46	2°30	3°24	7°33	23°57	7°27	9°11	24°16	18° 0	3°18	1°53	18°51	19°26	S 21
M22	4 5 33	0♐ 1'51	28°29	4° 5	2°48	8° 9	24°10	7°25	9°11	24°16	17°59	3° 8	1°49	18°57	19°24	M22
T 23	4 9 30	1° 2'23	10♋56	5°39	2°12	8°45	24°23	7°23	9°12	24°17	17°59	2°57	1°46	19° 4	19°22	T 23
W24	4 13 27	2° 2'57	23° 8	7°12	1°35	9°20	24°36	7°21	9°12	24°18	17°58	2°49	1°43	19°11	19°20	W24
T 25	4 17 23	3° 3'33	5♌ 9	8°46	0°59	9°56	24°49	7°19	9°12	24°18	17°57	2°42	1°40	19°17	19°18	T 25
F 26	4 21 20	4° 4'10	17° 1	10°19	0°23	10°32	25° 2	7°18	9°13	24°19	17°56	2°38	1°37	19°24	19°16	F 26
S 27	4 25 16	5° 4'49	28°50	11°53	29♏47	11° 8	25°16	7°17	9°13	24°20	17°55	2°37	1°34	19°31	19°15	S 27
S 28	4 29 13	6° 5'29	10♍41	13°26	29°12	11°44	25°29	7°15	9°13	24°21	17°54	2°D37	1°30	19°37	19°13	S 28
M29	4 33 9	7° 6'11	22°39	14°59	28°39	12°20	25°42	7°14	9°14	24°21	17°54	2°37	1°27	19°44	19°11	M29
T 30	4 37 6	8♐ 6'55	4♎50	16♐32	28♏ 6	12♎55	25♐55	7♈13	9♓15	24♒22	17♋53	2°R37	1♈24	19♌51	19♈10	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14s28	7n33	1n45	10s10	1n25	27s35	5s50	3n 4	1n21	22s44	0n18	0n53	2s39	8s49	0s48	13s48	0s23	20n25	1s47	1n46	1n10	19n24	9n 4	1n16
T 2	14 47	1 47	0 40	10 50	1 19	27 34	5 48	2 49	1 21	22 45	0 18	0 52	2 39	8 49	0 48	13 48	0 23	20 25	1 47	1 47	1 9	19 21	9 3	1 16
W 3	15 6	4s11	0s27	11 29	1 13	27 32	5 45	2 35	1 21	22 46	0 18	0 51	2 39	8 49	0 48	13 48	0 23	20 26	1 47	1 47	1 7	19 18	9 2	1 16
T 4	15 24	10 7	1 35	12 9	1 7	27 29	5 42	2 20	1 22	22 47	0 18	0 50	2 39	8 49	0 48	13 48	0 23	20 26	1 47	1 46	1 6	19 16	9 1	1 16
F 5	15 43	15 45	2 39	12 48	1 1	27 25	5 39	2 6	1 22	22 47	0 18	0 48	2 39	8 50	0 47	13 48	0 23	20 26	1 47	1 45	1 5	19 13	9 0	1 16
S 6	16 1	20 48	3 36	13 26	0 54	27 20	5 34	1 52	1 22	22 48	0 18	0 47	2 39	8 50	0 47	13 48	0 23	20 26	1 47	1 43	1 4	19 11	8 58	1 15
S 7	16 18	24 52	4 22	14 3	0 48	27 14	5 30	1 37	1 22	22 49	0 17	0 46	2 38	8 50	0 47	13 48	0 23	20 26	1 47	1 40	1 2	19 8	8 57	1 15
M 8	16 36	27 33	4 54	14 40	0 41	27 7	5 24	1 23	1 22	22 50	0 17	0 45	2 38	8 50	0 47	13 48	0 23	20 26	1 47	1 37	1 1	19 5	8 56	1 15
T 9	16 53	28 33	5 8	15 16	0 34	26 59	5 18	1 8	1 22	22 51	0 17	0 44	2 38	8 50	0 47	13 48	0 23	20 26	1 47	1 35	1 0	19 3	8 55	1 15
W10	17 10	27 42	5 4	15 52	0 28	26 49	5 12	0 54	1 22	22 52	0 17	0 43	2 38	8 50	0 47	13 48	0 23	20 26	1 47	1 32	0 59	19 0	8 54	1 15
T 11	17 27	25 3	4 41	16 26	0 21	26 39	5 4	0 40	1 22	22 53	0 17	0 42	2 38	8 51	0 47	13 48	0 23	20 26	1 46	1 31	0 57	18 57	8 53	1 15
F 12	17 43	20 53	4 1	17 0	0 14	26 28	4 56	0 25	1 23	22 54	0 17	0 41	2 38	8 51	0 47	13 48	0 23	20 26	1 46	1 30	0 56	18 55	8 52	1 15
S 13	17 59	15 32	3 7	17 33	0 7	26 16	4 48	0 11	1 23	22 55	0 17	0 40	2 37	8 51	0 47	13 48	0 23	20 26	1 46	1 30	0 55	18 52	8 51	1 15
S 14	18 15	9 23	2 1	18 5	0 1	26 3	4 38	0s 3	1 23	22 56	0 17	0 39	2 37	8 51	0 47	13 48	0 23	20 26	1 46	1 31	0 54	18 49	8 50	1 15
M15	18 30	2 49	0 49	18 36	0s 6	25 48	4 28	0 17	1 23	22 56	0 17	0 38	2 37	8 51	0 47	13 48	0 23	20 27	1 46	1 31	0 52	18 46	8 50	1 14
T 16	18 45	3n50	0n26	19 7	0 13	25 33	4 18	0 32	1 23	22 57	0 16	0 37	2 37	8 51	0 47	13 47	0 23	20 27	1 46	1 31	0 51	18 44	8 49	1 14
W17	19 0	10 16	1 39	19 36	0 20	25 16	4 7	0 46	1 23	22 58	0 16	0 37	2 37	8 51	0 47	13 47	0 23	20 27	1 46	1 30	0 50	18 41	8 48	1 14
T 18	19 14	16 8	2 44	20 4	0 26	24 59	3 55	1 0	1 23	22 59	0 16	0 36	2 36	8 51	0 47	13 47	0 23	20 27	1 46	1 29	0 49	18 38	8 47	1 14
F 19	19 28	21 8	3 40	20 32	0 33	24 40	3 42	1 14	1 23	23 0	0 16	0 35	2 36	8 51	0 47	13 47	0 23	20 27	1 46	1 26	0 47	18 36	8 46	1 14
S 20	19 42	24 59	4 23	20 58	0 39	24 21	3 29	1 28	1 23	23 0	0 16	0 35	2 36	8 51	0 47	13 47	0 23	20 27	1 46	1 23	0 46	18 33	8 45	1 14
S 21	19 55	27 28	4 51	21 23	0 45	24 1	3 16	1 43	1 24	23 1	0 16	0 34	2 36	8 51	0 47	13 47	0 23	20 27	1 46	1 19	0 45	18 30	8 44	1 14
M22	20 8	28 28	5 3	21 47	0 52	23 40	3 2	1 57	1 24	23 2	0 16	0 33	2 36	8 51	0 47	13 47	0 23	20 27	1 46	1 15	0 43	18 28	8 43	1 14
T 23	20 21	27 59	5 2	22 10	0 58	23 19	2 47	2 11	1 24	23 2	0 16	0 33	2 35	8 50	0 47	13 46	0 23	20 28	1 46	1 11	0 42	18 25	8 42	1 13
W24	20 33	26 8	4 46	22 33	1 4	22 57	2 33	2 25	1 24	23 3	0 16	0 32	2 35	8 50	0 47	13 46	0 23	20 28	1 46	1 7	0 41	18 22	8 42	1 13
T 25	20 45	23 8	4 18	22 53	1 10	22 35	2 18	2 39	1 24	23 4	0 15	0 32	2 35	8 50	0 47	13 46	0 23	20 28	1 46	1 5	0 40	18 19	8 41	1 13
F 26	20 57	19 11	3 38	23 13	1 15	22 12	2 2	2 53	1 24	23 4	0 15	0 32	2 35	8 50	0 47	13 46	0 23	20 28	1 46	1 3	0 38	18 17	8 40	1 13
S 27	21 8	14 31	2 50	23 32	1 21	21 50	1 47	3 7	1 24	23 5	0 15	0 31	2 34	8 50	0 47	13 45	0 23	20 28	1 46	1 2	0 37	18 14	8 39	1 13
S 28	21 18	9 19	1 54	23 49	1 26	21 27	1 31	3 21	1 24	23 5	0 15	0 31	2 34	8 49	0 47	13 45	0 23	20 28	1 46	1 2	0 36	18 11	8 38	1 13
M29	21 29	3 44	0 53	24 5	1 31	21 4	1 16	3 34	1 24	23 6	0 15	0 31	2 34	8 49	0 47	13 45	0 23	20 28	1 46	1 2	0 35	18 8	8 38	1 13
T 30	21s39	2s 6	0s12	24s20	1s36	20s42	1s 0	3s48	1n24	23s 6	0n15	0n30	2s34	8s49	0s47	13s45	0s23	20n28	1s46	1n 3	0n33	18n 6	8n37	1n13

Julian Day Number = 2515036.5, Delta T = 139.55 sec
Ecliptic obliquity = 23°25'09, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°10'10, Lahiri = 26°17'10

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2173
geocentric

DECEMBER 2173 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 41 2	9♐ 7'40	17♎17	18♐ 4	27°R35	13♎31	26♐ 9	7°R12	9♓15	24♒23	17°R52	2°R36	1♈21	19♌57	19°R 8	W 1
T 2	4 44 59	10° 8'27	0♏ 7	19°37	27♏ 6	14° 7	26°22	7♈11	9°16	24°24	17♋51	2♈33	1°18	20° 4	19♈ 7	T 2
F 3	4 48 56	11° 9'15	13°20	21° 9	26°38	14°42	26°35	7°10	9°17	24°25	17°50	2°27	1°15	20°11	19° 5	F 3
S 4	4 52 52	12°10'05	26°58	22°42	26°13	15°18	26°49	7° 9	9°17	24°26	17°49	2°18	1°11	20°17	19° 4	S 4
S 5	4 56 49	13°10'56	10♐59	24°14	25°49	15°53	27° 2	7° 9	9°18	24°27	17°48	2° 8	1° 8	20°24	19° 2	S 5
M 6	5 0 45	14°11'48	25°17	25°46	25°28	16°29	27°16	7° 8	9°19	24°28	17°47	1°56	1° 5	20°31	19° 1	M 6
T 7	5 4 42	15°12'41	9♑48	27°18	25° 9	17° 4	27°29	7° 8	9°20	24°29	17°46	1°45	1° 2	20°37	19° 0	T 7
W 8	5 8 38	16°13'36	24°23	28°50	24°52	17°39	27°43	7° 8	9°21	24°30	17°45	1°35	0°59	20°44	18°58	W 8
T 9	5 12 35	17°14'31	8♒57	0♑22	24°38	18°15	27°57	7° 8	9°22	24°31	17°44	1°27	0°55	20°51	18°57	T 9
F 10	5 16 31	18°15'26	23°23	1°53	24°26	18°50	28°10	7°D 8	9°23	24°32	17°43	1°23	0°52	20°57	18°56	F 10
S 11	5 20 28	19°16'23	7♓37	3°24	24°17	19°25	28°24	7° 8	9°24	24°33	17°42	1°21	0°49	21° 4	18°55	S 11
S 12	5 24 25	20°17'19	21°39	4°55	24°10	20° 0	28°37	7° 8	9°26	24°35	17°41	1°D20	0°46	21°11	18°54	S 12
M13	5 28 21	21°18'17	5♈28	6°26	24° 6	20°35	28°51	7° 8	9°27	24°36	17°39	1°R20	0°43	21°17	18°53	M13
T 14	5 32 18	22°19'15	19° 4	7°56	24°D 4	21°10	29° 5	7° 9	9°28	24°37	17°38	1°19	0°40	21°24	18°52	T 14
W15	5 36 14	23°20'14	2♉29	9°25	24° 4	21°45	29°18	7° 9	9°29	24°38	17°37	1°16	0°36	21°31	18°51	W15
T 16	5 40 11	24°21'13	15°43	10°54	24° 7	22°20	29°32	7°10	9°31	24°40	17°36	1°10	0°33	21°37	18°51	T 16
F 17	5 44 7	25°22'13	28°46	12°22	24°13	22°55	29°46	7°10	9°32	24°41	17°35	1° 1	0°30	21°44	18°50	F 17
S 18	5 48 4	26°23'14	11♊38	13°49	24°20	23°30	29°59	7°11	9°34	24°42	17°34	0°49	0°27	21°51	18°49	S 18
S 19	5 52 1	27°24'15	24°20	15°14	24°30	24° 5	0♑13	7°12	9°35	24°44	17°33	0°36	0°24	21°58	18°49	S 19
M20	5 55 57	28°25'17	6♋49	16°39	24°42	24°40	0°27	7°13	9°37	24°45	17°32	0°21	0°21	22° 4	18°48	M20
T 21	5 59 54	29°26'20	19° 7	18° 2	24°56	25°14	0°40	7°14	9°38	24°47	17°30	0° 7	0°17	22°11	18°47	T 21
W22	6 3 50	0♑27'23	1♌14	19°23	25°13	25°49	0°54	7°16	9°40	24°48	17°29	29♓55	0°14	22°18	18°47	W22
T 23	6 7 47	1°28'27	13°11	20°41	25°31	26°23	1° 8	7°17	9°42	24°50	17°28	29°45	0°11	22°24	18°47	T 23
F 24	6 11 43	2°29'32	25° 1	21°57	25°52	26°58	1°22	7°19	9°44	24°51	17°27	29°38	0° 8	22°31	18°46	F 24
S 25	6 15 40	3°30'37	6♍49	23°10	26°14	27°32	1°35	7°20	9°45	24°53	17°26	29°34	0° 5	22°38	18°46	S 25
S 26	6 19 36	4°31'43	18°38	24°20	26°38	28° 7	1°49	7°22	9°47	24°54	17°24	29°32	0° 1	22°44	18°46	S 26
M27	6 23 33	5°32'50	0♎33	25°25	27° 4	28°41	2° 3	7°24	9°49	24°56	17°23	29°32	29♓58	22°51	18°46	M27
T 28	6 27 30	6°33'57	12°40	26°25	27°32	29°15	2°16	7°26	9°51	24°58	17°22	29°32	29°55	22°58	18°45	T 28
W29	6 31 26	7°35'05	25° 5	27°20	28° 2	29°49	2°30	7°28	9°53	24°59	17°21	29°31	29°52	23° 4	18°45	W29
T 30	6 35 23	8°36'14	7♏53	28° 9	28°33	0♏23	2°44	7°30	9°55	25° 1	17°19	29°28	29°49	23°11	18°D45	T 30
F 31	6 39 19	9♑37'23	21♏ 7	28♑50	29♏ 5	0♏57	2♑58	7♈32	9♓57	25♒ 3	17♋18	29♓22	29♓46	23♌18	18♈45	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21s48	7s58	1s17	24s34	1s41	20s20	0s45	4s 2	1n24	23s 7	0n15	0n30	2s34	8s49	0s46	13s44	0s23	20n29	1s46	1n 2	0n32	18n 3	8n36	1n12
T 2	21 57	13 42	2 21	24 46	1 46	19 58	0 29	4 16	1 24	23 7	0 15	0 30	2 33	8 48	0 46	13 44	0 23	20 29	1 46	1 1	0 31	18 0	8 36	1 12
F 3	22 6	18 59	3 18	24 57	1 50	19 37	0 14	4 29	1 25	23 8	0 15	0 30	2 33	8 48	0 46	13 44	0 23	20 29	1 46	0 58	0 30	17 57	8 35	1 12
S 4	22 14	23 28	4 7	25 7	1 54	19 17	0n 1	4 43	1 25	23 8	0 15	0 30	2 33	8 48	0 46	13 43	0 23	20 29	1 46	0 55	0 28	17 55	8 34	1 12
S 5	22 22	26 43	4 41	25 15	1 58	18 57	0 15	4 57	1 25	23 9	0 14	0 30	2 33	8 47	0 46	13 43	0 23	20 29	1 46	0 51	0 27	17 52	8 34	1 12
M 6	22 29	28 19	4 59	25 23	2 2	18 38	0 29	5 10	1 25	23 9	0 14	0 30	2 32	8 47	0 46	13 43	0 23	20 29	1 46	0 46	0 26	17 49	8 33	1 12
T 7	22 36	28 1	4 58	25 28	2 5	18 20	0 43	5 24	1 25	23 9	0 14	0 30	2 32	8 47	0 46	13 42	0 23	20 30	1 46	0 42	0 25	17 46	8 32	1 12
W 8	22 42	25 47	4 38	25 33	2 8	18 3	0 57	5 37	1 25	23 10	0 14	0 30	2 32	8 46	0 46	13 42	0 23	20 30	1 46	0 38	0 23	17 43	8 32	1 12
T 9	22 48	21 51	4 0	25 35	2 10	17 47	1 10	5 50	1 25	23 10	0 14	0 30	2 32	8 46	0 46	13 42	0 23	20 30	1 46	0 35	0 22	17 41	8 31	1 11
F 10	22 54	16 39	3 6	25 37	2 13	17 32	1 22	6 4	1 25	23 10	0 14	0 31	2 31	8 45	0 46	13 41	0 23	20 30	1 46	0 33	0 21	17 38	8 31	1 11
S 11	22 59	10 35	2 2	25 37	2 15	17 18	1 35	6 17	1 25	23 11	0 14	0 31	2 31	8 45	0 46	13 41	0 23	20 30	1 46	0 32	0 20	17 35	8 30	1 11
S 12	23 4	4 6	0 51	25 36	2 16	17 5	1 46	6 30	1 25	23 11	0 14	0 31	2 31	8 44	0 46	13 40	0 23	20 30	1 46	0 32	0 18	17 32	8 30	1 11
M13	23 8	2n30	0n22	25 33	2 17	16 53	1 58	6 43	1 25	23 11	0 14	0 31	2 31	8 44	0 46	13 40	0 23	20 31	1 46	0 32	0 17	17 29	8 29	1 11
T 14	23 12	8 53	1 32	25 28	2 18	16 42	2 8	6 56	1 25	23 11	0 14	0 32	2 30	8 43	0 46	13 40	0 23	20 31	1 45	0 32	0 16	17 27	8 29	1 11
W15	23 15	14 46	2 37	25 23	2 18	16 32	2 18	7 9	1 25	23 12	0 13	0 32	2 30	8 43	0 46	13 39	0 23	20 31	1 45	0 30	0 14	17 24	8 28	1 11
T 16	23 18	19 54	3 31	25 16	2 18	16 23	2 28	7 22	1 25	23 12	0 13	0 33	2 30	8 42	0 46	13 39	0 23	20 31	1 45	0 28	0 13	17 21	8 28	1 10
F 17	23 20	24 0	4 14	25 7	2 17	16 16	2 37	7 35	1 25	23 12	0 13	0 33	2 30	8 42	0 46	13 38	0 23	20 31	1 45	0 24	0 12	17 18	8 27	1 10
S 18	23 22	26 50	4 43	24 57	2 15	16 9	2 46	7 48	1 25	23 12	0 13	0 34	2 29	8 41	0 46	13 38	0 23	20 32	1 45	0 20	0 11	17 15	8 27	1 10
S 19	23 24	28 15	4 58	24 45	2 13	16 3	2 55	8 1	1 25	23 12	0 13	0 34	2 29	8 41	0 46	13 37	0 23	20 32	1 45	0 14	0 9	17 12	8 27	1 10
M20	23 25	28 12	4 58	24 33	2 11	15 59	3 2	8 13	1 25	23 12	0 13	0 35	2 29	8 40	0 46	13 37	0 23	20 32	1 45	0 8	0 8	17 10	8 26	1 10
T 21	23 25	26 44	4 43	24 18	2 7	15 55	3 10	8 26	1 25	23 12	0 13	0 36	2 29	8 39	0 46	13 36	0 23	20 32	1 45	0 3	0 7	17 7	8 26	1 10
W22	23 25	24 2	4 17	24 3	2 3	15 52	3 17	8 39	1 25	23 12	0 13	0 36	2 28	8 39	0 46	13 36	0 23	20 32	1 45	0s 2	0 6	17 4	8 26	1 10
T 23	23 25	20 20	3 39	23 46	1 58	15 50	3 23	8 51	1 25	23 12	0 13	0 37	2 28	8 38	0 46	13 35	0 23	20 33	1 45	0 6	0 4	17 1	8 25	1 10
F 24	23 24	15 52	2 52	23 29	1 52	15 49	3 29	9 3	1 25	23 12	0 13	0 38	2 28	8 37	0 46	13 35	0 23	20 33	1 45	0 9	0 3	16 58	8 25	1 9
S 25	23 22	10 49	1 57	23 10	1 46	15 49	3 35	9 16	1 25	23 12	0 13	0 39	2 28	8 37	0 46	13 34	0 23	20 33	1 45	0 10	0 2	16 55	8 25	1 9
S 26	23 20	5 23	0 57	22 50	1 38	15 49	3 40	9 28	1 25	23 12	0 12	0 40	2 27	8 36	0 46	13 34	0 23	20 33	1 45	0 11	0 1	16 52	8 25	1 9
M27	23 18	0s18	0s 5	22 30	1 29	15 50	3 45	9 40	1 25	23 12	0 12	0 41	2 27	8 35	0 46	13 33	0 23	20 33	1 45	0 11	0s 1	16 50	8 24	1 9
T 28	23 15	6 4	1 9	22 9	1 20	15 52	3 49	9 52	1 25	23 12	0 12	0 42	2 27	8 34	0 45	13 33	0 23	20 34	1 45	0 11	0 2	16 47	8 24	1 9
W29	23 12	11 44	2 11	21 48	1 9	15 55	3 53	10 4	1 25	23 12	0 12	0 43	2 27	8 34	0 45	13 32	0 23	20 34	1 45	0 11	0 3	16 44	8 24	1 9
T 30	23 8	17 5	3 8	21 27	0 57	15 58	3 57	10 16	1 25	23 11	0 12	0 44	2 26	8 33	0 45	13 32	0 23	20 34	1 45	0 13	0 4	16 41	8 24	1 9
F 31	23s 4	21s50	3s57	21s 6	0s44	16s 1	4n 1	10s28	1n25	23s11	0n12	0n45	2s26	8s32	0s45	13s31	0s23	20n34	1s45	0s15	0s 6	16n38	8n24	1n 8

Julian Day Number = 2515066.5, Delta T = 139.62 sec
Ecliptic obliquity = 23°25'09, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°10'14, Lahiri = 26°17'15

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2174
geocentric

JANUARY 2174 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 43 16	10♑38'33	4♐50	29♑23	29♏39	1♏31	3♑11	7♈34	9♓59	25♒ 5	17°R17	29°R14	29♓42	23♌24	18♈45	S 1
S 2	6 47 12	11°39'43	19° 1	29°47	0♐15	2° 5	3°25	7°37	10° 1	25° 6	17♋16	29♓ 4	29°39	23°31	18°46	S 2
M 3	6 51 9	12°40'53	3♑36	0♒ 1	0°51	2°39	3°39	7°39	10° 3	25° 8	17°14	28°52	29°36	23°38	18°46	M 3
T 4	6 55 5	13°42'04	18°29	0°R 4	1°30	3°13	3°52	7°42	10° 6	25°10	17°13	28°40	29°33	23°44	18°46	T 4
W 5	6 59 2	14°43'15	3♒30	29♑56	2° 9	3°46	4° 6	7°45	10° 8	25°12	17°12	28°30	29°30	23°51	18°46	W 5
T 6	7 2 59	15°44'25	18°29	29°36	2°49	4°20	4°19	7°47	10°10	25°14	17°11	28°22	29°27	23°58	18°47	T 6
F 7	7 6 55	16°45'36	3♓18	29° 5	3°31	4°53	4°33	7°50	10°13	25°15	17° 9	28°17	29°23	24° 4	18°47	F 7
S 8	7 10 52	17°46'46	17°51	28°22	4°14	5°27	4°47	7°53	10°15	25°17	17° 8	28°15	29°20	24°11	18°48	S 8
S 9	7 14 48	18°47'55	2♈ 4	27°28	4°58	6° 0	5° 0	7°57	10°17	25°19	17° 7	28°D15	29°17	24°18	18°48	S 9
M10	7 18 45	19°49'04	15°56	26°24	5°43	6°33	5°14	8° 0	10°20	25°21	17° 6	28°R15	29°14	24°24	18°49	M10
T 11	7 22 41	20°50'13	29°29	25°13	6°29	7° 6	5°27	8° 3	10°22	25°23	17° 4	28°15	29°11	24°31	18°50	T 11
W12	7 26 38	21°51'21	12♉43	23°57	7°15	7°39	5°41	8° 7	10°25	25°25	17° 3	28°13	29° 7	24°38	18°50	W12
T 13	7 30 34	22°52'29	25°42	22°37	8° 3	8°12	5°54	8°10	10°27	25°27	17° 2	28° 8	29° 4	24°44	18°51	T 13
F 14	7 34 31	23°53'37	8♊27	21°17	8°52	8°45	6° 8	8°14	10°30	25°29	17° 1	28° 1	29° 1	24°51	18°52	F 14
S 15	7 38 28	24°54'44	21° 1	19°59	9°41	9°18	6°21	8°17	10°33	25°31	16°59	27°51	28°58	24°58	18°53	S 15
S 16	7 42 24	25°55'50	3♋25	18°46	10°31	9°51	6°34	8°21	10°35	25°33	16°58	27°40	28°55	25° 4	18°54	S 16
M17	7 46 21	26°56'56	15°39	17°38	11°22	10°23	6°48	8°25	10°38	25°35	16°57	27°27	28°52	25°11	18°55	M17
T 18	7 50 17	27°58'01	27°45	16°39	12°14	10°56	7° 1	8°29	10°41	25°37	16°56	27°16	28°48	25°18	18°56	T 18
W19	7 54 14	28°59'06	9♌44	15°48	13° 7	11°28	7°14	8°33	10°43	25°39	16°54	27° 5	28°45	25°24	18°57	W19
T 20	7 58 10	0♒ 0'11	21°37	15° 6	14° 0	12° 1	7°28	8°37	10°46	25°41	16°53	26°57	28°42	25°31	18°58	T 20
F 21	8 2 7	1° 1'15	3♍25	14°34	14°54	12°33	7°41	8°41	10°49	25°44	16°52	26°51	28°39	25°38	18°59	F 21
S 22	8 6 4	2° 2'19	15°12	14°11	15°48	13° 5	7°54	8°46	10°52	25°46	16°51	26°48	28°36	25°44	19° 1	S 22
S 23	8 10 0	3° 3'22	27° 2	13°58	16°43	13°37	8° 7	8°50	10°55	25°48	16°50	26°D48	28°33	25°51	19° 2	S 23
M24	8 13 57	4° 4'25	8♎57	13°D53	17°39	14° 9	8°20	8°55	10°58	25°50	16°48	26°48	28°29	25°58	19° 3	M24
T 25	8 17 53	5° 5'27	21° 2	13°57	18°36	14°40	8°33	8°59	11° 1	25°52	16°47	26°49	28°26	26° 4	19° 5	T 25
W26	8 21 50	6° 6'29	3♏24	14° 8	19°32	15°12	8°46	9° 4	11° 3	25°54	16°46	26°R50	28°23	26°11	19° 6	W26
T 27	8 25 46	7° 7'30	16° 6	14°26	20°30	15°44	8°59	9° 9	11° 6	25°56	16°45	26°50	28°20	26°18	19° 8	T 27
F 28	8 29 43	8° 8'31	29°14	14°51	21°28	16°15	9°12	9°14	11° 9	25°59	16°44	26°48	28°17	26°24	19°10	F 28
S 29	8 33 39	9° 9'32	12♐51	15°22	22°26	16°46	9°25	9°18	11°12	26° 1	16°42	26°43	28°13	26°31	19°11	S 29
S 30	8 37 36	10°10'32	26°57	15°58	23°25	17°18	9°38	9°23	11°16	26° 3	16°41	26°37	28°10	26°38	19°13	S 30
M31	8 41 33	11♒11'32	11♑31	16♑39	24♐24	17♏49	9♑50	9♈28	11♓19	26♒ 5	16♋40	26♓30	28♓ 7	26♌44	19♈15	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s 0	25s35	4s35	20s45	0s30	16s 5	4n 4	10s40	1n25	23s11	0n12	0n46	2s26	8s31	0s45	13s30	0s23	20n34	1s45	0s18	0s 7	16n35	8n24	1n 8
S 2	22 54	27 53	4 56	20 25	0 14	16 10	4 6	10 52	1 25	23 11	0 12	0 47	2 26	8 30	0 45	13 30	0 23	20 35	1 45	0 22	0 8	16 32	8 24	1 8
M 3	22 49	28 22	5 0	20 6	0n 2	16 15	4 9	11 3	1 25	23 10	0 12	0 48	2 25	8 29	0 45	13 29	0 23	20 35	1 44	0 27	0 10	16 29	8 24	1 8
T 4	22 43	26 49	4 43	19 48	0 20	16 21	4 11	11 15	1 25	23 10	0 12	0 50	2 25	8 29	0 45	13 29	0 23	20 35	1 44	0 32	0 11	16 26	8 24	1 8
W 5	22 36	23 22	4 7	19 32	0 38	16 27	4 13	11 26	1 25	23 10	0 12	0 51	2 25	8 28	0 45	13 28	0 23	20 35	1 44	0 36	0 12	16 24	8 24	1 8
T 6	22 30	18 21	3 14	19 17	0 57	16 33	4 14	11 37	1 25	23 9	0 11	0 52	2 25	8 27	0 45	13 27	0 23	20 36	1 44	0 39	0 13	16 21	8 24	1 8
F 7	22 22	12 17	2 8	19 5	1 16	16 39	4 16	11 49	1 25	23 9	0 11	0 54	2 24	8 26	0 45	13 27	0 23	20 36	1 44	0 41	0 15	16 18	8 24	1 7
S 8	22 14	5 38	0 55	18 55	1 35	16 46	4 17	12 0	1 25	23 9	0 11	0 55	2 24	8 25	0 45	13 26	0 23	20 36	1 44	0 42	0 16	16 15	8 24	1 7
S 9	22 6	1n 8	0n20	18 47	1 54	16 53	4 17	12 11	1 24	23 8	0 11	0 57	2 24	8 24	0 45	13 26	0 23	20 36	1 44	0 42	0 17	16 12	8 24	1 7
M10	21 57	7 41	1 33	18 41	2 12	17 0	4 18	12 22	1 24	23 8	0 11	0 58	2 24	8 23	0 45	13 25	0 23	20 36	1 44	0 42	0 18	16 9	8 24	1 7
T 11	21 48	13 44	2 38	18 38	2 29	17 8	4 18	12 33	1 24	23 7	0 11	1 0	2 23	8 22	0 45	13 24	0 23	20 37	1 44	0 42	0 20	16 6	8 24	1 7
W12	21 39	19 2	3 33	18 36	2 44	17 15	4 18	12 43	1 24	23 7	0 11	1 1	2 23	8 21	0 45	13 24	0 23	20 37	1 44	0 43	0 21	16 3	8 24	1 7
T 13	21 29	23 19	4 16	18 37	2 57	17 23	4 18	12 54	1 24	23 6	0 11	1 3	2 23	8 20	0 45	13 23	0 23	20 37	1 44	0 44	0 22	16 0	8 24	1 7
F 14	21 19	26 24	4 46	18 39	3 8	17 31	4 18	13 5	1 24	23 6	0 11	1 4	2 23	8 19	0 45	13 22	0 23	20 37	1 44	0 47	0 23	15 57	8 25	1 7
S 15	21 8	28 7	5 1	18 42	3 16	17 39	4 17	13 15	1 24	23 5	0 11	1 6	2 23	8 18	0 45	13 22	0 23	20 37	1 44	0 51	0 25	15 54	8 25	1 6
S 16	20 57	28 24	5 2	18 47	3 21	17 47	4 16	13 26	1 24	23 5	0 11	1 8	2 22	8 17	0 45	13 21	0 23	20 38	1 44	0 56	0 26	15 51	8 25	1 6
M17	20 45	27 16	4 48	18 53	3 24	17 54	4 15	13 36	1 24	23 4	0 11	1 9	2 22	8 16	0 45	13 20	0 23	20 38	1 44	1 1	0 27	15 48	8 25	1 6
T 18	20 33	24 52	4 22	19 0	3 25	18 2	4 14	13 46	1 24	23 4	0 10	1 11	2 22	8 15	0 45	13 20	0 23	20 38	1 44	1 5	0 28	15 45	8 26	1 6
W19	20 21	21 24	3 44	19 7	3 23	18 10	4 13	13 56	1 23	23 3	0 10	1 13	2 22	8 14	0 45	13 19	0 23	20 38	1 43	1 9	0 30	15 43	8 26	1 6
T 20	20 8	17 5	2 57	19 15	3 20	18 18	4 11	14 6	1 23	23 2	0 10	1 15	2 21	8 13	0 45	13 18	0 23	20 39	1 43	1 13	0 31	15 40	8 26	1 6
F 21	19 55	12 8	2 2	19 24	3 15	18 26	4 10	14 16	1 23	23 2	0 10	1 17	2 21	8 12	0 45	13 17	0 23	20 39	1 43	1 15	0 32	15 37	8 27	1 6
S 22	19 41	6 47	1 2	19 32	3 9	18 33	4 8	14 26	1 23	23 1	0 10	1 19	2 21	8 11	0 45	13 17	0 23	20 39	1 43	1 16	0 34	15 34	8 27	1 5
S 23	19 27	1 10	0s 1	19 41	3 1	18 41	4 6	14 36	1 23	23 0	0 10	1 21	2 21	8 9	0 45	13 16	0 23	20 39	1 43	1 16	0 35	15 31	8 27	1 5
M24	19 13	4s32	1 5	19 50	2 53	18 48	4 4	14 45	1 23	22 59	0 10	1 22	2 21	8 8	0 45	13 15	0 23	20 39	1 43	1 16	0 36	15 28	8 28	1 5
T 25	18 59	10 10	2 7	19 59	2 44	18 55	4 1	14 55	1 22	22 59	0 10	1 24	2 20	8 7	0 45	13 15	0 23	20 40	1 43	1 16	0 37	15 25	8 28	1 5
W26	18 44	15 31	3 4	20 7	2 34	19 2	3 59	15 4	1 22	22 58	0 10	1 26	2 20	8 6	0 45	13 14	0 23	20 40	1 43	1 15	0 39	15 22	8 29	1 5
T 27	18 29	20 23	3 54	20 15	2 24	19 9	3 56	15 13	1 22	22 57	0 10	1 28	2 20	8 5	0 45	13 13	0 23	20 40	1 43	1 16	0 40	15 19	8 29	1 5
F 28	18 13	24 25	4 34	20 23	2 13	19 15	3 54	15 23	1 22	22 56	0 10	1 31	2 20	8 4	0 45	13 12	0 23	20 40	1 43	1 16	0 41	15 16	8 30	1 5
S 29	17 57	27 16	4 59	20 30	2 3	19 22	3 51	15 32	1 22	22 56	0 10	1 33	2 20	8 3	0 45	13 12	0 23	20 41	1 43	1 18	0 42	15 13	8 30	1 5
S 30	17 41	28 31	5 8	20 37	1 52	19 28	3 48	15 41	1 22	22 55	0 9	1 35	2 19	8 1	0 45	13 11	0 23	20 41	1 43	1 21	0 44	15 10	8 31	1 4
M31	17s24	27s52	4s58	20s43	1n41	19s33	3n45	15s50	1n21	22s54	0n 9	1n37	2s19	8s 0	0s45	13s10	0s23	20n41	1s43	1s23	0s45	15n 7	8n31	1n 4

Julian Day Number = 2515097.5, Delta T = 139.69 sec
Ecliptic obliquity = 23°25'08, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°10'18, Lahiri = 26°17'19

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2174
geocentric

FEBRUARY 2174 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 45 29	12♒12'30	26♑28	17♑24	25♐24	18♏20	10♑ 3	9♈34	11♓22	26♒ 7	16°R39	26°R23	28♓ 4	26♌51	19♈16	T 1
W 2	8 49 26	13°13'28	11♒39	18°13	26°24	18°50	10°16	9°39	11°25	26°10	16♋38	26♓16	28° 1	26°58	19°18	W 2
T 3	8 53 22	14°14'25	26°54	19° 6	27°25	19°21	10°28	9°44	11°28	26°12	16°37	26°11	27°58	27° 4	19°20	T 3
F 4	8 57 19	15°15'21	12♓ 3	20° 2	28°26	19°51	10°41	9°49	11°31	26°14	16°36	26° 9	27°54	27°11	19°22	F 4
S 5	9 1 15	16°16'15	26°56	21° 1	29°27	20°22	10°53	9°55	11°34	26°16	16°35	26°D 8	27°51	27°18	19°24	S 5
S 6	9 5 12	17°17'08	11♈27	22° 3	0♑29	20°52	11° 6	10° 0	11°38	26°19	16°34	26° 9	27°48	27°24	19°26	S 6
M 7	9 9 8	18°18'00	25°34	23° 8	1°31	21°22	11°18	10° 6	11°41	26°21	16°33	26°10	27°45	27°31	19°28	M 7
T 8	9 13 5	19°18'50	9♉15	24°15	2°33	21°52	11°30	10°12	11°44	26°23	16°32	26°11	27°42	27°38	19°30	T 8
W 9	9 17 2	20°19'39	22°32	25°24	3°36	22°22	11°43	10°17	11°47	26°25	16°30	26°R12	27°39	27°44	19°32	W 9
T 10	9 20 58	21°20'26	5♊27	26°34	4°39	22°51	11°55	10°23	11°51	26°28	16°29	26°11	27°35	27°51	19°35	T 10
F 11	9 24 55	22°21'12	18° 5	27°47	5°42	23°21	12° 7	10°29	11°54	26°30	16°28	26° 8	27°32	27°58	19°37	F 11
S 12	9 28 51	23°21'57	0♋28	29° 2	6°46	23°50	12°19	10°35	11°57	26°32	16°28	26° 4	27°29	28° 4	19°39	S 12
S 13	9 32 48	24°22'40	12°40	0♒18	7°50	24°19	12°31	10°41	12° 0	26°35	16°27	25°59	27°26	28°11	19°42	S 13
M14	9 36 44	25°23'21	24°43	1°35	8°54	24°48	12°43	10°47	12° 4	26°37	16°26	25°53	27°23	28°18	19°44	M14
T 15	9 40 41	26°24'01	6♌39	2°54	9°58	25°17	12°54	10°53	12° 7	26°39	16°25	25°47	27°19	28°24	19°46	T 15
W16	9 44 37	27°24'40	18°31	4°14	11° 3	25°46	13° 6	10°59	12°10	26°41	16°24	25°42	27°16	28°31	19°49	W16
T 17	9 48 34	28°25'17	0♍20	5°36	12° 8	26°14	13°18	11° 5	12°14	26°44	16°23	25°39	27°13	28°38	19°51	T 17
F 18	9 52 31	29°25'52	12° 9	6°59	13°13	26°42	13°29	11°11	12°17	26°46	16°22	25°36	27°10	28°44	19°54	F 18
S 19	9 56 27	0♓26'26	23°59	8°23	14°18	27°10	13°41	11°18	12°21	26°48	16°21	25°D36	27° 7	28°51	19°56	S 19
S 20	10 0 24	1°26'59	5♎53	9°48	15°24	27°38	13°52	11°24	12°24	26°51	16°20	25°36	27° 4	28°58	19°59	S 20
M21	10 4 20	2°27'30	17°53	11°14	16°30	28° 6	14° 3	11°30	12°27	26°53	16°19	25°37	27° 0	29° 4	20° 2	M21
T 22	10 8 17	3°28'00	0♏ 3	12°41	17°36	28°33	14°15	11°37	12°31	26°55	16°19	25°39	26°57	29°11	20° 4	T 22
W23	10 12 13	4°28'29	12°27	14°10	18°42	29° 1	14°26	11°43	12°34	26°57	16°18	25°41	26°54	29°18	20° 7	W23
T 24	10 16 10	5°28'56	25° 9	15°39	19°48	29°28	14°37	11°50	12°38	27° 0	16°17	25°42	26°51	29°24	20°10	T 24
F 25	10 20 6	6°29'23	8♐12	17° 9	20°55	29°54	14°48	11°57	12°41	27° 2	16°16	25°R42	26°48	29°31	20°13	F 25
S 26	10 24 3	7°29'48	21°39	18°41	22° 2	0♐21	14°59	12° 3	12°44	27° 4	16°16	25°41	26°44	29°38	20°16	S 26
S 27	10 28 0	8°30'11	5♑33	20°13	23° 9	0°48	15°10	12°10	12°48	27° 6	16°15	25°40	26°41	29°44	20°18	S 27
M28	10 31 56	9♓30'34	19♑54	21♒47	24♑16	1♐14	15♑20	12♈17	12♓51	27♒ 9	16♋14	25♓38	26♓38	29♌51	20♈21	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	17s 7	25s13	4s27	20s48	1n31	19s39	3n42	15s58	1n21	22s53	0n 9	1n39	2s19	7s59	0s45	13s 9	0s23	20n41	1s43	1s26	0s46	15n 4	8n32	1n 4	T 1
W 2	16 50	20 45	3 37	20 52	1 20	19 44	3 39	16 7	1 21	22 52	0 9	1 41	2 19	7 58	0 45	13 9	0 23	20 41	1 42	1 29	0 47	15 1	8 32	1 4	W 2
T 3	16 33	14 55	2 32	20 55	1 9	19 48	3 35	16 15	1 21	22 51	0 9	1 44	2 19	7 57	0 45	13 8	0 23	20 42	1 42	1 31	0 49	14 58	8 33	1 4	T 3
F 4	16 15	8 12	1 16	20 57	0 59	19 53	3 32	16 24	1 20	22 50	0 9	1 46	2 19	7 55	0 45	13 7	0 23	20 42	1 42	1 32	0 50	14 55	8 33	1 4	F 4
S 5	15 57	1 9	0n 4	20 59	0 49	19 57	3 28	16 32	1 20	22 49	0 9	1 48	2 18	7 54	0 44	13 6	0 23	20 42	1 42	1 32	0 51	14 52	8 34	1 4	S 5
S 6	15 38	5n47	1 22	20 59	0 39	20 0	3 25	16 40	1 20	22 48	0 9	1 50	2 18	7 53	0 44	13 6	0 23	20 42	1 42	1 32	0 52	14 49	8 35	1 4	S 6
M 7	15 20	12 15	2 33	20 58	0 29	20 4	3 21	16 48	1 20	22 48	0 9	1 53	2 18	7 52	0 44	13 5	0 23	20 42	1 42	1 31	0 54	14 46	8 35	1 3	M 7
T 8	15 1	17 56	3 33	20 56	0 19	20 6	3 17	16 56	1 19	22 47	0 9	1 55	2 18	7 50	0 44	13 4	0 23	20 43	1 42	1 31	0 55	14 43	8 36	1 3	T 8
W 9	14 42	22 34	4 20	20 53	0 10	20 9	3 14	17 4	1 19	22 46	0 9	1 58	2 18	7 49	0 44	13 3	0 23	20 43	1 42	1 31	0 56	14 40	8 37	1 3	W 9
T 10	14 23	25 59	4 52	20 49	0 0	20 11	3 10	17 12	1 19	22 45	0 9	2 0	2 18	7 48	0 44	13 3	0 23	20 43	1 42	1 31	0 57	14 37	8 38	1 3	T 10
F 11	14 3	28 1	5 9	20 43	0s 8	20 12	3 6	17 20	1 18	22 44	0 9	2 2	2 17	7 47	0 44	13 2	0 23	20 43	1 42	1 32	0 59	14 34	8 38	1 3	F 11
S 12	13 43	28 36	5 11	20 37	0 17	20 13	3 2	17 27	1 18	22 43	0 8	2 5	2 17	7 45	0 44	13 1	0 23	20 44	1 42	1 34	1 0	14 30	8 39	1 3	S 12
S 13	13 23	27 46	4 59	20 29	0 25	20 14	2 58	17 35	1 18	22 42	0 8	2 7	2 17	7 44	0 44	13 0	0 23	20 44	1 42	1 36	1 1	14 27	8 40	1 3	S 13
M14	13 3	25 39	4 34	20 20	0 34	20 14	2 53	17 42	1 17	22 41	0 8	2 10	2 17	7 43	0 44	12 59	0 23	20 44	1 41	1 38	1 3	14 24	8 41	1 3	M14
T 15	12 42	22 25	3 57	20 10	0 41	20 14	2 49	17 49	1 17	22 39	0 8	2 12	2 17	7 42	0 44	12 59	0 23	20 44	1 41	1 40	1 4	14 21	8 41	1 2	T 15
W16	12 22	18 16	3 10	19 59	0 49	20 13	2 45	17 57	1 17	22 38	0 8	2 15	2 17	7 40	0 44	12 58	0 23	20 44	1 41	1 42	1 5	14 18	8 42	1 2	W16
T 17	12 1	13 26	2 14	19 46	0 56	20 12	2 41	18 4	1 16	22 37	0 8	2 17	2 16	7 39	0 44	12 57	0 23	20 45	1 41	1 44	1 6	14 15	8 43	1 2	T 17
F 18	11 40	8 8	1 13	19 32	1 3	20 10	2 36	18 10	1 16	22 36	0 8	2 20	2 16	7 38	0 44	12 56	0 23	20 45	1 41	1 45	1 8	14 12	8 44	1 2	F 18
S 19	11 18	2 32	0 9	19 17	1 10	20 8	2 32	18 17	1 15	22 35	0 8	2 22	2 16	7 36	0 44	12 56	0 23	20 45	1 41	1 45	1 9	14 9	8 45	1 2	S 19
S 20	10 57	3s12	0s56	19 0	1 16	20 5	2 27	18 24	1 15	22 34	0 8	2 25	2 16	7 35	0 44	12 55	0 23	20 45	1 41	1 45	1 10	14 6	8 46	1 2	S 20
M21	10 35	8 51	2 0	18 43	1 22	20 2	2 23	18 31	1 14	22 33	0 8	2 28	2 16	7 34	0 44	12 54	0 23	20 45	1 41	1 44	1 11	14 3	8 47	1 2	M21
T 22	10 14	14 16	2 59	18 24	1 28	19 58	2 19	18 37	1 14	22 32	0 8	2 30	2 16	7 33	0 44	12 53	0 23	20 45	1 41	1 44	1 13	14 0	8 48	1 2	T 22
W23	9 52	19 13	3 51	18 3	1 33	19 54	2 14	18 43	1 14	22 31	0 8	2 33	2 16	7 31	0 44	12 53	0 23	20 46	1 41	1 43	1 14	13 57	8 48	1 2	W23
T 24	9 30	23 26	4 32	17 42	1 38	19 49	2 10	18 50	1 13	22 30	0 7	2 36	2 16	7 30	0 44	12 52	0 23	20 46	1 41	1 43	1 15	13 54	8 49	1 1	T 24
F 25	9 7	26 37	5 2	17 19	1 43	19 44	2 5	18 56	1 13	22 29	0 7	2 38	2 15	7 29	0 44	12 51	0 23	20 46	1 40	1 42	1 16	13 51	8 50	1 1	F 25
S 26	8 45	28 24	5 15	16 55	1 47	19 38	2 0	19 2	1 12	22 27	0 7	2 41	2 15	7 27	0 44	12 50	0 23	20 46	1 40	1 43	1 18	13 48	8 51	1 1	S 26
S 27	8 22	28 29	5 11	16 30	1 52	19 32	1 56	19 8	1 12	22 26	0 7	2 44	2 15	7 26	0 44	12 50	0 23	20 46	1 40	1 43	1 19	13 45	8 52	1 1	S 27
M28	8s 0	26s42	4s48	16s 3	1s55	19s25	1n51	19s14	1n11	22s25	0n 7	2n46	2s15	7s25	0s44	12s49	0s23	20n47	1s40	1s44	1s20	13n41	8n53	1n 1	M28

Julian Day Number = 2515128.5, Delta T = 139.75 sec
Ecliptic obliquity = 23°25'09, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°10'23, Lahiri = 26°17'23

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2174
geocentric

MARCH 2174 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 35 53	10♓30'54	4♒37	23♒21	25♑23	1♐40	15♑31	12♈23	12♓55	27♒11	16°R14	25°R36	26♓35	29♌58	20♈24	T 1
W 2	10 39 49	11°31'13	19°39	24°57	26°31	2° 5	15°41	12°30	12°58	27°13	16♋13	25♓34	26°32	0♍ 4	20°27	W 2
T 3	10 43 46	12°31'31	4♓51	26°33	27°39	2°31	15°52	12°37	13° 2	27°15	16°12	25°33	26°29	0°11	20°30	T 3
F 4	10 47 42	13°31'47	20° 2	28°11	28°46	2°56	16° 2	12°44	13° 5	27°18	16°12	25°D32	26°25	0°18	20°33	F 4
S 5	10 51 39	14°32'01	5♈ 4	29°49	29°54	3°21	16°12	12°51	13° 9	27°20	16°11	25°33	26°22	0°24	20°36	S 5
S 6	10 55 35	15°32'13	19°49	1♓29	1♒ 2	3°46	16°22	12°58	13°12	27°22	16°10	25°33	26°19	0°31	20°39	S 6
M 7	10 59 32	16°32'23	4♉ 9	3°10	2°11	4°10	16°32	13° 5	13°15	27°24	16°10	25°34	26°16	0°38	20°43	M 7
T 8	11 3 28	17°32'31	18° 3	4°51	3°19	4°34	16°42	13°12	13°19	27°26	16° 9	25°35	26°13	0°44	20°46	T 8
W 9	11 7 25	18°32'37	1♊30	6°34	4°27	4°58	16°52	13°19	13°22	27°28	16° 9	25°35	26°10	0°51	20°49	W 9
T 10	11 11 22	19°32'41	14°32	8°18	5°36	5°21	17° 2	13°26	13°26	27°31	16° 8	25°R36	26° 6	0°58	20°52	T 10
F 11	11 15 18	20°32'42	27°12	10° 3	6°45	5°45	17°11	13°33	13°29	27°33	16° 8	25°36	26° 3	1° 4	20°55	F 11
S 12	11 19 15	21°32'42	9♋33	11°49	7°53	6° 8	17°20	13°41	13°33	27°35	16° 8	25°35	26° 0	1°11	20°59	S 12
S 13	11 23 11	22°32'40	21°40	13°36	9° 2	6°30	17°30	13°48	13°36	27°37	16° 7	25°35	25°57	1°18	21° 2	S 13
M14	11 27 8	23°32'35	3♌37	15°25	10°11	6°53	17°39	13°55	13°39	27°39	16° 7	25°35	25°54	1°24	21° 5	M14
T 15	11 31 4	24°32'28	15°28	17°14	11°21	7°15	17°48	14° 2	13°43	27°41	16° 6	25°34	25°50	1°31	21° 9	T 15
W16	11 35 1	25°32'19	27°16	19° 5	12°30	7°36	17°57	14°10	13°46	27°43	16° 6	25°D34	25°47	1°38	21°12	W16
T 17	11 38 58	26°32'08	9♍ 4	20°57	13°39	7°58	18° 6	14°17	13°50	27°45	16° 6	25°34	25°44	1°44	21°15	T 17
F 18	11 42 54	27°31'55	20°55	22°50	14°49	8°19	18°14	14°24	13°53	27°47	16° 5	25°R34	25°41	1°51	21°19	F 18
S 19	11 46 51	28°31'39	2♎52	24°44	15°58	8°39	18°23	14°32	13°56	27°49	16° 5	25°34	25°38	1°57	21°22	S 19
S 20	11 50 47	29°31'22	14°55	26°39	17° 8	9° 0	18°31	14°39	14° 0	27°51	16° 5	25°34	25°35	2° 4	21°25	S 20
M21	11 54 44	0♈31'03	27° 7	28°35	18°17	9°20	18°40	14°46	14° 3	27°53	16° 5	25°34	25°31	2°11	21°29	M21
T 22	11 58 40	1°30'42	9♏30	0♈33	19°27	9°39	18°48	14°54	14° 6	27°55	16° 4	25°33	25°28	2°17	21°32	T 22
W23	12 2 37	2°30'20	22° 5	2°31	20°37	9°58	18°56	15° 1	14°10	27°57	16° 4	25°32	25°25	2°24	21°36	W23
T 24	12 6 33	3°29'55	4♐55	4°30	21°47	10°17	19° 4	15° 9	14°13	27°59	16° 4	25°31	25°22	2°31	21°39	T 24
F 25	12 10 30	4°29'29	18° 2	6°30	22°57	10°36	19°12	15°16	14°16	28° 1	16° 4	25°31	25°19	2°37	21°43	F 25
S 26	12 14 26	5°29'02	1♑27	8°31	24° 7	10°54	19°19	15°24	14°20	28° 3	16° 4	25°D30	25°16	2°44	21°46	S 26
S 27	12 18 23	6°28'32	15°13	10°32	25°17	11°11	19°27	15°31	14°23	28° 5	16° 4	25°30	25°12	2°51	21°50	S 27
M28	12 22 20	7°28'01	29°18	12°34	26°28	11°28	19°34	15°39	14°26	28° 7	16° 4	25°31	25° 9	2°57	21°53	M28
T 29	12 26 16	8°27'28	13♒42	14°36	27°38	11°45	19°41	15°46	14°29	28° 9	16° 4	25°32	25° 6	3° 4	21°57	T 29
W30	12 30 13	9°26'53	28°23	16°38	28°48	12° 1	19°48	15°54	14°33	28°11	16°D 4	25°33	25° 3	3°11	22° 0	W30
T 31	12 34 9	10♈26'16	13♓15	18♈39	29♒59	12♐17	19♑55	16♈ 1	14♓36	28♒12	16♋ 4	25♓34	25♓ 0	3♍17	22♈ 4	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s37	23s 4	4s 6	15s35	1s58	19s18	1n47	19s20	1n10	22s24	0n 7	2n49	2s15	7s23	0s44	12s48	0s23	20n47	1s40	1s45	1s21	13n38	8n54	1n 1
W 2	7 14	17 51	3 6	15 6	2 1	19 10	1 42	19 25	1 10	22 23	0 7	2 52	2 15	7 22	0 44	12 47	0 23	20 47	1 40	1 46	1 23	13 35	8 55	1 1
T 3	6 51	11 28	1 52	14 36	2 4	19 1	1 38	19 31	1 9	22 22	0 7	2 55	2 15	7 21	0 44	12 47	0 23	20 47	1 40	1 46	1 24	13 32	8 56	1 1
F 4	6 28	4 25	0 30	14 4	2 6	18 52	1 33	19 36	1 9	22 21	0 7	2 57	2 15	7 19	0 44	12 46	0 23	20 47	1 40	1 46	1 25	13 29	8 57	1 1
S 5	6 5	2n49	0n53	13 31	2 8	18 43	1 29	19 42	1 8	22 20	0 7	3 0	2 15	7 18	0 44	12 45	0 23	20 47	1 40	1 46	1 26	13 26	8 59	1 1
S 6	5 42	9 45	2 11	12 57	2 9	18 33	1 24	19 47	1 7	22 18	0 7	3 3	2 14	7 17	0 44	12 44	0 23	20 48	1 40	1 46	1 28	13 23	9 0	1 0
M 7	5 18	16 0	3 18	12 22	2 10	18 22	1 19	19 52	1 7	22 17	0 6	3 6	2 14	7 15	0 44	12 44	0 23	20 48	1 40	1 46	1 29	13 20	9 1	1 0
T 8	4 55	21 14	4 12	11 45	2 11	18 11	1 15	19 57	1 6	22 16	0 6	3 9	2 14	7 14	0 44	12 43	0 23	20 48	1 39	1 45	1 30	13 17	9 2	1 0
W 9	4 32	25 11	4 50	11 7	2 11	17 59	1 10	20 2	1 5	22 15	0 6	3 11	2 14	7 13	0 44	12 42	0 23	20 48	1 39	1 45	1 32	13 13	9 3	1 0
T 10	4 8	27 41	5 12	10 28	2 11	17 47	1 6	20 7	1 5	22 14	0 6	3 14	2 14	7 11	0 44	12 41	0 23	20 48	1 39	1 45	1 33	13 10	9 4	1 0
F 11	3 45	28 41	5 17	9 48	2 10	17 35	1 1	20 12	1 4	22 13	0 6	3 17	2 14	7 10	0 44	12 41	0 23	20 48	1 39	1 45	1 34	13 7	9 5	1 0
S 12	3 21	28 12	5 8	9 6	2 9	17 22	0 57	20 16	1 3	22 12	0 6	3 20	2 14	7 9	0 44	12 40	0 23	20 48	1 39	1 45	1 35	13 4	9 6	1 0
S 13	2 57	26 22	4 45	8 24	2 7	17 8	0 52	20 21	1 2	22 11	0 6	3 23	2 14	7 7	0 44	12 39	0 23	20 49	1 39	1 45	1 37	13 1	9 7	1 0
M14	2 34	23 23	4 10	7 40	2 5	16 54	0 48	20 26	1 2	22 10	0 6	3 26	2 14	7 6	0 44	12 39	0 23	20 49	1 39	1 45	1 38	12 58	9 9	1 0
T 15	2 10	19 27	3 25	6 55	2 2	16 40	0 44	20 30	1 1	22 8	0 6	3 29	2 14	7 5	0 44	12 38	0 23	20 49	1 39	1 45	1 39	12 55	9 10	1 0
W16	1 46	14 47	2 31	6 8	1 59	16 25	0 39	20 34	1 0	22 7	0 6	3 31	2 14	7 4	0 44	12 37	0 23	20 49	1 39	1 45	1 40	12 52	9 11	0 59
T 17	1 23	9 34	1 30	5 21	1 55	16 9	0 35	20 39	0 59	22 6	0 6	3 34	2 14	7 2	0 44	12 36	0 23	20 49	1 39	1 45	1 42	12 48	9 12	0 59
F 18	0 59	3 59	0 26	4 33	1 51	15 53	0 31	20 43	0 58	22 5	0 6	3 37	2 14	7 1	0 44	12 36	0 23	20 49	1 38	1 45	1 43	12 45	9 13	0 59
S 19	0 35	1s45	0s40	3 43	1 46	15 37	0 27	20 47	0 57	22 4	0 5	3 40	2 14	7 0	0 44	12 35	0 23	20 49	1 38	1 45	1 44	12 42	9 14	0 59
S 20	0 11	7 29	1 45	2 53	1 41	15 20	0 22	20 51	0 56	22 3	0 5	3 43	2 14	6 58	0 44	12 34	0 23	20 50	1 38	1 46	1 45	12 39	9 16	0 59
M21	0n12	13 1	2 46	2 1	1 35	15 3	0 18	20 55	0 55	22 2	0 5	3 46	2 13	6 57	0 44	12 34	0 23	20 50	1 38	1 46	1 47	12 36	9 17	0 59
T 22	0 36	18 7	3 41	1 9	1 29	14 45	0 14	20 59	0 54	22 1	0 5	3 49	2 13	6 56	0 44	12 33	0 23	20 50	1 38	1 46	1 48	12 33	9 18	0 59
W23	1 0	22 32	4 25	0 15	1 22	14 27	0 10	21 3	0 53	22 0	0 5	3 52	2 13	6 55	0 44	12 32	0 23	20 50	1 38	1 46	1 49	12 30	9 19	0 59
T 24	1 23	25 58	4 57	0n39	1 15	14 8	0 6	21 6	0 52	21 59	0 5	3 55	2 13	6 53	0 44	12 32	0 23	20 50	1 38	1 47	1 50	12 26	9 20	0 59
F 25	1 47	28 6	5 14	1 33	1 7	13 49	0 2	21 10	0 51	21 58	0 5	3 57	2 13	6 52	0 44	12 31	0 23	20 50	1 38	1 47	1 52	12 23	9 22	0 59
S 26	2 11	28 40	5 15	2 29	0 58	13 30	0s 2	21 14	0 50	21 57	0 5	4 0	2 13	6 51	0 44	12 30	0 23	20 50	1 38	1 47	1 53	12 20	9 23	0 59
S 27	2 34	27 30	4 59	3 25	0 49	13 10	0 6	21 17	0 49	21 56	0 5	4 3	2 13	6 50	0 44	12 30	0 23	20 50	1 38	1 47	1 54	12 17	9 24	0 58
M28	2 58	24 35	4 24	4 21	0 40	12 50	0 10	21 21	0 48	21 55	0 5	4 6	2 13	6 48	0 44	12 29	0 23	20 50	1 37	1 47	1 55	12 14	9 25	0 58
T 29	3 21	20 5	3 32	5 17	0 30	12 30	0 13	21 24	0 47	21 54	0 4	4 9	2 13	6 47	0 44	12 29	0 23	20 51	1 37	1 46	1 57	12 11	9 27	0 58
W30	3 44	14 18	2 25	6 14	0 20	12 9	0 17	21 28	0 46	21 53	0 4	4 12	2 13	6 46	0 44	12 28	0 24	20 51	1 37	1 46	1 58	12 7	9 28	0 58
T 31	4n 8	7s37	1s 8	7n10	0s 9	11s47	0s21	21s31	0n44	21s52	0n 4	4n15	2s13	6s45	0s44	12s27	0s24	20n51	1s37	1s46	1s59	12n 4	9n29	0n58

Julian Day Number = 2515156.5, Delta T = 139.82 sec
Ecliptic obliquity = 23°25'09, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°10'27, Lahiri = 26°17'27

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2174
geocentric

APRIL 2174 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 38 6	11♈25'38	28♓11	20♈40	1♓10	12♐32	20♑ 2	16♈ 9	14♓39	28♒14	16♋ 4	25°R34	24♓56	3♍24	22♈ 8	F 1
S 2	12 42 2	12°24'57	13♈ 4	22°40	2°20	12°47	20° 9	16°16	14°42	28°16	16° 4	25♓33	24°53	3°31	22°11	S 2
S 3	12 45 59	13°24'14	27°46	24°39	3°31	13° 1	20°15	16°24	14°45	28°18	16° 4	25°32	24°50	3°37	22°15	S 3
M 4	12 49 55	14°23'30	12♉ 9	26°36	4°42	13°15	20°22	16°31	14°48	28°19	16° 4	25°30	24°47	3°44	22°18	M 4
T 5	12 53 52	15°22'43	26°10	28°31	5°52	13°28	20°28	16°39	14°51	28°21	16° 4	25°27	24°44	3°51	22°22	T 5
W 6	12 57 49	16°21'54	9♊44	0♉23	7° 3	13°41	20°34	16°46	14°54	28°23	16° 4	25°24	24°41	3°57	22°26	W 6
T 7	13 1 45	17°21'03	22°53	2°13	8°14	13°53	20°40	16°54	14°57	28°25	16° 5	25°22	24°37	4° 4	22°29	T 7
F 8	13 5 42	18°20'09	5♋38	3°59	9°25	14° 5	20°45	17° 2	15° 0	28°26	16° 5	25°20	24°34	4°11	22°33	F 8
S 9	13 9 38	19°19'13	18° 2	5°42	10°36	14°16	20°51	17° 9	15° 3	28°28	16° 5	25°D19	24°31	4°17	22°37	S 9
S 10	13 13 35	20°18'15	0♌ 9	7°21	11°47	14°26	20°56	17°17	15° 6	28°29	16° 5	25°20	24°28	4°24	22°40	S 10
M11	13 17 31	21°17'15	12° 5	8°56	12°58	14°36	21° 1	17°24	15° 9	28°31	16° 5	25°21	24°25	4°31	22°44	M11
T 12	13 21 28	22°16'12	23°55	10°26	14° 9	14°46	21° 6	17°32	15°12	28°32	16° 6	25°23	24°22	4°37	22°47	T 12
W13	13 25 24	23°15'07	5♍43	11°51	15°20	14°54	21°11	17°39	15°15	28°34	16° 6	25°24	24°18	4°44	22°51	W13
T 14	13 29 21	24°13'59	17°32	13°12	16°31	15° 2	21°16	17°47	15°18	28°35	16° 6	25°26	24°15	4°51	22°55	T 14
F 15	13 33 18	25°12'50	29°28	14°27	17°43	15°10	21°21	17°54	15°21	28°37	16° 7	25°R26	24°12	4°57	22°58	F 15
S 16	13 37 14	26°11'38	11♎33	15°37	18°54	15°17	21°25	18° 2	15°24	28°38	16° 7	25°25	24° 9	5° 4	23° 2	S 16
S 17	13 41 11	27°10'25	23°48	16°41	20° 5	15°23	21°29	18° 9	15°27	28°40	16° 8	25°22	24° 6	5°10	23° 6	S 17
M18	13 45 7	28° 9'09	6♏16	17°39	21°17	15°29	21°33	18°17	15°29	28°41	16° 8	25°18	24° 2	5°17	23° 9	M18
T 19	13 49 4	29° 7'52	18°58	18°32	22°28	15°34	21°37	18°24	15°32	28°43	16° 9	25°12	23°59	5°24	23°13	T 19
W20	13 53 0	0♉ 6'32	1♐52	19°19	23°39	15°38	21°41	18°32	15°35	28°44	16° 9	25° 6	23°56	5°30	23°16	W20
T 21	13 56 57	1° 5'11	15° 1	20° 0	24°51	15°41	21°44	18°39	15°37	28°45	16°10	25° 1	23°53	5°37	23°20	T 21
F 22	14 0 53	2° 3'49	28°22	20°34	26° 2	15°44	21°48	18°47	15°40	28°46	16°10	24°56	23°50	5°44	23°24	F 22
S 23	14 4 50	3° 2'24	11♑56	21° 3	27°14	15°46	21°51	18°54	15°43	28°48	16°11	24°52	23°47	5°50	23°27	S 23
S 24	14 8 47	4° 0'58	25°43	21°26	28°26	15°48	21°54	19° 2	15°45	28°49	16°11	24°51	23°43	5°57	23°31	S 24
M25	14 12 43	4°59'30	9♒42	21°42	29°37	15°R48	21°57	19° 9	15°48	28°50	16°12	24°D50	23°40	6° 4	23°35	M25
T 26	14 16 40	5°58'01	23°52	21°53	0♈49	15°48	21°59	19°16	15°50	28°51	16°12	24°51	23°37	6°10	23°38	T 26
W27	14 20 36	6°56'30	8♓12	21°R58	2° 0	15°48	22° 2	19°24	15°53	28°52	16°13	24°53	23°34	6°17	23°42	W27
T 28	14 24 33	7°54'58	22°40	21°57	3°12	15°46	22° 4	19°31	15°55	28°53	16°14	24°R53	23°31	6°24	23°45	T 28
F 29	14 28 29	8°53'23	7♈11	21°51	4°24	15°44	22° 6	19°38	15°57	28°55	16°14	24°53	23°27	6°30	23°49	F 29
S 30	14 32 26	9♉51'47	21♈42	21♉39	5♈36	15♐41	22♑ 8	19♈46	16♓ 0	28♒56	16♋15	24♓50	23♓24	6♍37	23♈52	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	4n31	0s30	0n15	8n 6	0n 2	11s26	0s24	21s34	0n43	21s51	0n 4	4n18	2s13	6s43	0s44	12s27	0s24	20n51	1s37	1s46	2s 1	12n 1	9n30	0n58
S 2	4 54	6n37	1 35	9 1	0 13	11 4	0 28	21 37	0 42	21 50	0 4	4 21	2 13	6 42	0 45	12 26	0 24	20 51	1 37	1 46	2 2	11 58	9 32	0 58
S 3	5 17	13 18	2 49	9 55	0 25	10 42	0 31	21 40	0 40	21 50	0 4	4 23	2 13	6 41	0 45	12 26	0 24	20 51	1 37	1 46	2 3	11 55	9 33	0 58
M 4	5 40	19 7	3 50	10 49	0 36	10 19	0 34	21 44	0 39	21 49	0 4	4 26	2 13	6 40	0 45	12 25	0 24	20 51	1 37	1 47	2 4	11 51	9 34	0 58
T 5	6 3	23 44	4 35	11 41	0 48	9 56	0 38	21 47	0 38	21 48	0 4	4 29	2 13	6 39	0 45	12 24	0 24	20 51	1 37	1 48	2 6	11 48	9 36	0 58
W 6	6 26	26 54	5 4	12 32	1 0	9 33	0 41	21 50	0 36	21 47	0 4	4 32	2 13	6 38	0 45	12 24	0 24	20 51	1 37	1 50	2 7	11 45	9 37	0 58
T 7	6 48	28 28	5 15	13 21	1 11	9 9	0 44	21 53	0 35	21 46	0 4	4 35	2 13	6 36	0 45	12 23	0 24	20 51	1 36	1 51	2 8	11 42	9 38	0 58
F 8	7 11	28 28	5 10	14 8	1 22	8 46	0 47	21 55	0 33	21 46	0 4	4 38	2 13	6 35	0 45	12 23	0 24	20 51	1 36	1 51	2 9	11 39	9 39	0 58
S 9	7 33	27 1	4 51	14 53	1 33	8 22	0 50	21 58	0 31	21 45	0 3	4 41	2 13	6 34	0 45	12 22	0 24	20 51	1 36	1 51	2 11	11 35	9 41	0 57
S 10	7 56	24 19	4 19	15 36	1 44	7 57	0 53	22 1	0 30	21 44	0 3	4 44	2 13	6 33	0 45	12 22	0 24	20 52	1 36	1 51	2 12	11 32	9 42	0 57
M11	8 18	20 37	3 36	16 16	1 54	7 33	0 56	22 4	0 28	21 43	0 3	4 46	2 13	6 32	0 45	12 21	0 24	20 52	1 36	1 51	2 13	11 29	9 43	0 57
T 12	8 40	16 8	2 45	16 54	2 4	7 8	0 59	22 7	0 26	21 43	0 3	4 49	2 13	6 31	0 45	12 21	0 24	20 52	1 36	1 50	2 14	11 26	9 45	0 57
W13	9 2	11 3	1 46	17 29	2 13	6 43	1 2	22 9	0 25	21 42	0 3	4 52	2 13	6 30	0 45	12 20	0 24	20 52	1 36	1 49	2 16	11 23	9 46	0 57
T 14	9 23	5 35	0 43	18 2	2 21	6 18	1 4	22 12	0 23	21 42	0 3	4 55	2 13	6 29	0 45	12 20	0 24	20 52	1 36	1 49	2 17	11 19	9 47	0 57
F 15	9 45	0s 8	0s22	18 32	2 29	5 53	1 7	22 15	0 21	21 41	0 3	4 58	2 13	6 27	0 45	12 19	0 24	20 52	1 36	1 49	2 18	11 16	9 48	0 57
S 16	10 6	5 54	1 27	18 59	2 36	5 27	1 9	22 17	0 19	21 40	0 3	5 1	2 13	6 26	0 45	12 19	0 24	20 52	1 36	1 49	2 19	11 13	9 50	0 57
S 17	10 27	11 32	2 29	19 23	2 42	5 1	1 12	22 20	0 17	21 40	0 3	5 3	2 13	6 25	0 45	12 18	0 24	20 52	1 35	1 50	2 21	11 10	9 51	0 57
M18	10 49	16 49	3 25	19 45	2 47	4 35	1 14	22 22	0 15	21 39	0 2	5 6	2 13	6 24	0 45	12 18	0 24	20 52	1 35	1 52	2 22	11 6	9 52	0 57
T 19	11 9	21 28	4 11	20 3	2 50	4 9	1 16	22 25	0 13	21 39	0 2	5 9	2 14	6 23	0 45	12 17	0 24	20 52	1 35	1 54	2 23	11 3	9 54	0 57
W20	11 30	25 11	4 46	20 19	2 53	3 43	1 18	22 27	0 11	21 38	0 2	5 12	2 14	6 22	0 45	12 17	0 24	20 52	1 35	1 57	2 24	11 0	9 55	0 57
T 21	11 51	27 39	5 6	20 32	2 55	3 17	1 21	22 30	0 9	21 38	0 2	5 15	2 14	6 21	0 45	12 16	0 24	20 52	1 35	1 59	2 26	10 57	9 56	0 57
F 22	12 11	28 35	5 10	20 42	2 55	2 50	1 23	22 32	0 7	21 37	0 2	5 17	2 14	6 20	0 45	12 16	0 24	20 52	1 35	2 1	2 27	10 54	9 57	0 57
S 23	12 31	27 49	4 57	20 49	2 55	2 24	1 25	22 35	0 5	21 37	0 2	5 20	2 14	6 19	0 45	12 16	0 24	20 52	1 35	2 2	2 28	10 50	9 59	0 57
S 24	12 51	25 21	4 27	20 53	2 53	1 57	1 26	22 37	0 3	21 37	0 2	5 23	2 14	6 18	0 45	12 15	0 24	20 52	1 35	2 3	2 29	10 47	10 0	0 56
M25	13 10	21 21	3 41	20 54	2 50	1 30	1 28	22 40	0 0	21 36	0 2	5 26	2 14	6 17	0 45	12 15	0 24	20 52	1 35	2 3	2 31	10 44	10 1	0 56
T 26	13 30	16 5	2 40	20 53	2 45	1 3	1 30	22 42	0s 2	21 36	0 2	5 28	2 14	6 16	0 45	12 14	0 24	20 52	1 35	2 3	2 32	10 41	10 2	0 56
W27	13 49	9 52	1 29	20 48	2 39	0 36	1 31	22 44	0 4	21 36	0 1	5 31	2 14	6 15	0 45	12 14	0 24	20 52	1 35	2 2	2 33	10 37	10 4	0 56
T 28	14 8	3 6	0 12	20 41	2 32	0 9	1 33	22 46	0 7	21 36	0 1	5 34	2 14	6 15	0 45	12 14	0 24	20 52	1 34	2 2	2 34	10 34	10 5	0 56
F 29	14 27	3n52	1n 6	20 31	2 23	0n18	1 34	22 49	0 9	21 35	0 1	5 36	2 14	6 14	0 45	12 13	0 24	20 52	1 34	2 2	2 36	10 31	10 6	0 56
S 30	14n46	10n37	2n20	20n19	2n14	0n45	1s36	22s51	0s12	21s35	0n 1	5n39	2s14	6s13	0s45	12s13	0s24	20n52	1s34	2s 3	2s37	10n28	10n 8	0n56

Julian Day Number = 2515187.5, Delta T = 139.89 sec
Ecliptic obliquity = 23°25'10, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°10'31, Lahiri = 26°17'31

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2174
geocentric

MAY 2174 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 36 22	10♉50'10	6♉ 5	21°R23	6♈47	15°R37	22♊ 9	19♈53	16♓ 2	28♒57	16♋16	24°R45	23♓21	6♍44	23♈56	S 1
M 2	14 40 19	11°48'31	20°17	21♉ 2	7°59	15♐32	22°11	20° 0	16° 4	28°58	16°17	24♓39	23°18	6°50	23°59	M 2
T 3	14 44 16	12°46'50	4♊10	20°37	9°11	15°27	22°12	20° 7	16° 7	28°59	16°17	24°31	23°15	6°57	24° 3	T 3
W 4	14 48 12	13°45'07	17°42	20° 8	10°23	15°21	22°13	20°14	16° 9	28°59	16°18	24°23	23°12	7° 4	24° 6	W 4
T 5	14 52 9	14°43'22	0♋51	19°36	11°35	15°14	22°14	20°22	16°11	29° 0	16°19	24°15	23° 8	7°10	24°10	T 5
F 6	14 56 5	15°41'35	13°37	19° 2	12°47	15° 6	22°15	20°29	16°13	29° 1	16°20	24° 9	23° 5	7°17	24°13	F 6
S 7	15 0 2	16°39'46	26° 3	18°26	13°59	14°58	22°16	20°36	16°15	29° 2	16°21	24° 5	23° 2	7°23	24°17	S 7
S 8	15 3 58	17°37'56	8♌13	17°49	15°11	14°49	22°16	20°43	16°17	29° 3	16°22	24° 3	22°59	7°30	24°20	S 8
M 9	15 7 55	18°36'03	20°10	17°11	16°23	14°39	22°R16	20°50	16°19	29° 4	16°23	24°D 2	22°56	7°37	24°24	M 9
T 10	15 11 51	19°34'08	2♍ 0	16°34	17°35	14°28	22°16	20°57	16°21	29° 4	16°23	24° 3	22°53	7°43	24°27	T 10
W11	15 15 48	20°32'11	13°48	15°57	18°47	14°17	22°16	21° 4	16°23	29° 5	16°24	24° 4	22°49	7°50	24°30	W11
T 12	15 19 45	21°30'13	25°40	15°22	19°59	14° 5	22°16	21°11	16°25	29° 6	16°25	24°R 4	22°46	7°57	24°34	T 12
F 13	15 23 41	22°28'13	7♎40	14°49	21°11	13°52	22°15	21°17	16°27	29° 6	16°26	24° 3	22°43	8° 3	24°37	F 13
S 14	15 27 38	23°26'10	19°52	14°19	22°23	13°39	22°14	21°24	16°29	29° 7	16°27	24° 0	22°40	8°10	24°40	S 14
S 15	15 31 34	24°24'07	2♏19	13°51	23°35	13°25	22°13	21°31	16°31	29° 7	16°28	23°54	22°37	8°17	24°43	S 15
M16	15 35 31	25°22'01	15° 3	13°27	24°47	13°10	22°12	21°38	16°32	29° 8	16°29	23°47	22°33	8°23	24°47	M16
T 17	15 39 27	26°19'54	28° 5	13° 7	25°59	12°54	22°11	21°45	16°34	29° 9	16°30	23°37	22°30	8°30	24°50	T 17
W18	15 43 24	27°17'46	11♐23	12°51	27°11	12°39	22° 9	21°51	16°36	29° 9	16°31	23°26	22°27	8°37	24°53	W18
T 19	15 47 20	28°15'36	24°56	12°39	28°23	12°22	22° 8	21°58	16°37	29° 9	16°32	23°16	22°24	8°43	24°56	T 19
F 20	15 51 17	29°13'25	8♑40	12°31	29°36	12° 5	22° 6	22° 4	16°39	29°10	16°34	23° 7	22°21	8°50	24°59	F 20
S 21	15 55 14	0♊11'13	22°34	12°D28	0♉48	11°47	22° 4	22°11	16°40	29°10	16°35	23° 0	22°18	8°57	25° 3	S 21
S 22	15 59 10	1° 8'59	6♒33	12°30	2° 0	11°29	22° 2	22°17	16°42	29°11	16°36	22°55	22°14	9° 3	25° 6	S 22
M23	16 3 7	2° 6'45	20°37	12°36	3°12	11°11	21°59	22°24	16°43	29°11	16°37	22°53	22°11	9°10	25° 9	M23
T 24	16 7 3	3° 4'29	4♓44	12°47	4°25	10°52	21°57	22°30	16°45	29°11	16°38	22°D52	22° 8	9°17	25°12	T 24
W25	16 11 0	4° 2'12	18°52	13° 2	5°37	10°33	21°54	22°37	16°46	29°11	16°39	22°R52	22° 5	9°23	25°15	W25
T 26	16 14 56	4°59'54	3♈ 1	13°21	6°49	10°13	21°51	22°43	16°47	29°12	16°40	22°52	22° 2	9°30	25°18	T 26
F 27	16 18 53	5°57'35	17° 9	13°45	8° 2	9°53	21°48	22°49	16°48	29°12	16°42	22°50	21°59	9°36	25°21	F 27
S 28	16 22 49	6°55'15	1♉14	14°14	9°14	9°33	21°44	22°55	16°50	29°12	16°43	22°46	21°55	9°43	25°24	S 28
S 29	16 26 46	7°52'54	15°13	14°46	10°26	9°12	21°41	23° 1	16°51	29°12	16°44	22°39	21°52	9°50	25°27	S 29
M30	16 30 43	8°50'33	29° 1	15°22	11°39	8°52	21°37	23° 7	16°52	29°12	16°45	22°29	21°49	9°56	25°30	M30
T 31	16 34 39	9♊48'10	12♊36	16♉ 3	12♉51	8♐31	21♊33	23♈13	16♓53	29♒12	16♋47	22♓17	21♓46	10♍ 3	25♈32	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15n 4	16n45	3n24	20n 4	2n 3	1n13	1s37	22s53	0s14	21s35	0n 1	5n42	2s14	6s12	0s45	12s13	0s24	20n52	1s34	2s 5	2s38	10n24	10n 9	0n56
M 2	15 22	21 53	4 14	19 46	1 50	1 40	1 38	22 55	0 17	21 35	0 1	5 44	2 14	6 11	0 45	12 12	0 24	20 52	1 34	2 7	2 39	10 21	10 10	0 56
T 3	15 40	25 41	4 48	19 27	1 37	2 7	1 39	22 57	0 20	21 35	0 1	5 47	2 14	6 10	0 45	12 12	0 24	20 52	1 34	2 11	2 41	10 18	10 11	0 56
W 4	15 57	27 55	5 5	19 5	1 23	2 34	1 40	22 59	0 22	21 35	0 1	5 50	2 15	6 9	0 45	12 12	0 24	20 52	1 34	2 14	2 42	10 15	10 12	0 56
T 5	16 14	28 30	5 5	18 42	1 7	3 1	1 41	23 1	0 25	21 35	0 1	5 52	2 15	6 9	0 45	12 11	0 24	20 52	1 34	2 17	2 43	10 11	10 14	0 56
F 6	16 31	27 32	4 50	18 17	0 51	3 29	1 42	23 3	0 28	21 35	0 0	5 55	2 15	6 8	0 45	12 11	0 24	20 52	1 34	2 19	2 45	10 8	10 15	0 56
S 7	16 48	25 12	4 21	17 51	0 35	3 56	1 43	23 5	0 31	21 35	0 0	5 57	2 15	6 7	0 45	12 11	0 24	20 52	1 34	2 21	2 46	10 5	10 16	0 56
S 8	17 5	21 45	3 41	17 25	0 18	4 23	1 43	23 7	0 34	21 35	0 0	6 0	2 15	6 6	0 45	12 11	0 24	20 52	1 34	2 22	2 47	10 2	10 17	0 56
M 9	17 21	17 28	2 52	16 57	0 0	4 50	1 44	23 9	0 37	21 35	0 0	6 2	2 15	6 5	0 45	12 10	0 24	20 52	1 33	2 22	2 48	9 58	10 19	0 56
T 10	17 37	12 34	1 56	16 30	0s17	5 17	1 45	23 10	0 40	21 35	0s 0	6 5	2 15	6 5	0 45	12 10	0 24	20 52	1 33	2 22	2 50	9 55	10 20	0 56
W11	17 52	7 13	0 55	16 3	0 35	5 44	1 45	23 12	0 43	21 35	0 0	6 7	2 15	6 4	0 46	12 10	0 24	20 52	1 33	2 21	2 51	9 52	10 21	0 56
T 12	18 7	1 35	0s 9	15 36	0 52	6 11	1 45	23 14	0 46	21 35	0 0	6 10	2 15	6 3	0 46	12 10	0 24	20 52	1 33	2 21	2 52	9 48	10 22	0 55
F 13	18 22	4s 9	1 12	15 11	1 9	6 37	1 46	23 15	0 49	21 35	0 0	6 12	2 16	6 3	0 46	12 9	0 24	20 52	1 33	2 22	2 53	9 45	10 23	0 55
S 14	18 37	9 49	2 14	14 46	1 25	7 4	1 46	23 17	0 52	21 36	0 1	6 15	2 16	6 2	0 46	12 9	0 24	20 52	1 33	2 23	2 55	9 42	10 24	0 55
S 15	18 51	15 14	3 10	14 23	1 41	7 30	1 46	23 18	0 55	21 36	0 1	6 17	2 16	6 1	0 46	12 9	0 25	20 52	1 33	2 25	2 56	9 39	10 26	0 55
M16	19 5	20 7	3 57	14 2	1 56	7 57	1 46	23 19	0 58	21 36	0 1	6 19	2 16	6 1	0 46	12 9	0 25	20 52	1 33	2 28	2 57	9 35	10 27	0 55
T 17	19 19	24 10	4 34	13 42	2 10	8 23	1 46	23 21	1 1	21 37	0 1	6 22	2 16	6 0	0 46	12 9	0 25	20 52	1 33	2 32	2 58	9 32	10 28	0 55
W18	19 32	27 1	4 57	13 25	2 23	8 49	1 46	23 22	1 5	21 37	0 1	6 24	2 16	5 59	0 46	12 9	0 25	20 52	1 33	2 36	3 0	9 29	10 29	0 55
T 19	19 45	28 22	5 3	13 9	2 35	9 15	1 46	23 23	1 8	21 37	0 1	6 26	2 16	5 59	0 46	12 9	0 25	20 52	1 33	2 40	3 1	9 25	10 30	0 55
F 20	19 58	28 0	4 52	12 56	2 46	9 41	1 45	23 24	1 11	21 38	0 1	6 29	2 16	5 58	0 46	12 8	0 25	20 52	1 32	2 44	3 2	9 22	10 31	0 55
S 21	20 10	25 52	4 24	12 46	2 56	10 6	1 45	23 25	1 14	21 38	0 2	6 31	2 17	5 58	0 46	12 8	0 25	20 52	1 32	2 47	3 3	9 19	10 32	0 55
S 22	20 22	22 10	3 40	12 38	3 6	10 31	1 45	23 25	1 18	21 39	0 2	6 33	2 17	5 57	0 46	12 8	0 25	20 52	1 32	2 49	3 5	9 16	10 33	0 55
M23	20 34	17 10	2 43	12 32	3 14	10 57	1 44	23 26	1 21	21 39	0 2	6 36	2 17	5 57	0 46	12 8	0 25	20 52	1 32	2 49	3 6	9 12	10 35	0 55
T 24	20 45	11 14	1 35	12 28	3 21	11 21	1 43	23 27	1 24	21 40	0 2	6 38	2 17	5 56	0 46	12 8	0 25	20 52	1 32	2 50	3 7	9 9	10 36	0 55
W25	20 56	4 44	0 21	12 27	3 27	11 46	1 43	23 27	1 28	21 40	0 2	6 40	2 17	5 56	0 46	12 8	0 25	20 52	1 32	2 50	3 8	9 6	10 37	0 55
T 26	21 7	2n 1	0n54	12 28	3 32	12 10	1 42	23 28	1 31	21 41	0 2	6 42	2 17	5 55	0 46	12 8	0 25	20 52	1 32	2 50	3 10	9 2	10 38	0 55
F 27	21 17	8 39	2 5	12 31	3 36	12 34	1 41	23 28	1 34	21 42	0 2	6 44	2 17	5 55	0 46	12 8	0 25	20 51	1 32	2 50	3 11	8 59	10 39	0 55
S 28	21 27	14 50	3 8	12 37	3 39	12 58	1 40	23 28	1 37	21 42	0 2	6 46	2 18	5 54	0 46	12 8	0 25	20 51	1 32	2 52	3 12	8 56	10 40	0 55
S 29	21 36	20 12	4 0	12 44	3 41	13 22	1 39	23 28	1 40	21 43	0 3	6 49	2 18	5 54	0 46	12 8	0 25	20 51	1 32	2 55	3 13	8 52	10 41	0 55
M30	21 45	24 25	4 37	12 54	3 42	13 45	1 38	23 28	1 44	21 44	0 3	6 51	2 18	5 53	0 46	12 8	0 25	20 51	1 32	2 59	3 15	8 49	10 42	0 55
T 31	21n54	27n12	4n57	13n 5	3s42	14n 8	1s37	23s28	1s47	21s45	0s 3	6n53	2s18	5s53	0s46	12s 8	0s25	20n51	1s32	3s 3	3s16	8n46	10n43	0n55

Julian Day Number = 2515217.5, Delta T = 139.95 sec
Ecliptic obliquity = 23°25'09, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°10'35, Lahiri = 26°17'35

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2174
geocentric

JUNE 2174 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 38 36	10♊45'46	25♊55	16♉47	14♉ 4	8°R10	21°R29	23♈19	16♓54	29°R12	16♋48	22°R 5	21♓43	10♍10	25♈35	W 1
T 2	16 42 32	11°43'20	8♋55	17°34	15°16	7♐49	21♑25	23°25	16°55	29♒12	16°49	21♓53	21°39	10°16	25°38	T 2
F 3	16 46 29	12°40'54	21°36	18°26	16°28	7°28	21°21	23°31	16°56	29°12	16°50	21°43	21°36	10°23	25°41	F 3
S 4	16 50 25	13°38'26	3♌59	19°21	17°41	7° 8	21°16	23°37	16°57	29°12	16°52	21°36	21°33	10°30	25°43	S 4
S 5	16 54 22	14°35'57	16° 7	20°19	18°53	6°47	21°12	23°43	16°58	29°12	16°53	21°31	21°30	10°36	25°46	S 5
M 6	16 58 19	15°33'26	28° 3	21°21	20° 6	6°26	21° 7	23°48	16°58	29°12	16°54	21°28	21°27	10°43	25°49	M 6
T 7	17 2 15	16°30'55	9♍53	22°26	21°18	6° 6	21° 2	23°54	16°59	29°12	16°56	21°27	21°24	10°50	25°51	T 7
W 8	17 6 12	17°28'22	21°41	23°34	22°31	5°46	20°57	23°59	17° 0	29°11	16°57	21°27	21°20	10°56	25°54	W 8
T 9	17 10 8	18°25'48	3♎34	24°45	23°43	5°26	20°51	24° 5	17° 0	29°11	16°59	21°27	21°17	11° 3	25°56	T 9
F 10	17 14 5	19°23'12	15°36	25°59	24°56	5° 7	20°46	24°10	17° 1	29°11	17° 0	21°25	21°14	11°10	25°59	F 10
S 11	17 18 1	20°20'36	27°53	27°17	26° 9	4°48	20°40	24°16	17° 1	29°11	17° 1	21°21	21°11	11°16	26° 1	S 11
S 12	17 21 58	21°17'59	10♏28	28°37	27°21	4°29	20°35	24°21	17° 2	29°10	17° 3	21°15	21° 8	11°23	26° 4	S 12
M13	17 25 54	22°15'20	23°24	0♊ 0	28°34	4°11	20°29	24°26	17° 2	29°10	17° 4	21° 7	21° 5	11°29	26° 6	M13
T 14	17 29 51	23°12'41	6♐42	1°26	29°46	3°53	20°23	24°31	17° 3	29° 9	17° 6	20°56	21° 1	11°36	26° 8	T 14
W15	17 33 48	24°10'01	20°21	2°56	0♊59	3°36	20°17	24°36	17° 3	29° 9	17° 7	20°44	20°58	11°43	26°11	W15
T 16	17 37 44	25° 7'20	4♑18	4°28	2°12	3°20	20°11	24°41	17° 3	29° 9	17° 8	20°32	20°55	11°49	26°13	T 16
F 17	17 41 41	26° 4'39	18°28	6° 3	3°24	3° 4	20° 4	24°46	17° 4	29° 8	17°10	20°22	20°52	11°56	26°15	F 17
S 18	17 45 37	27° 1'57	2♒46	7°40	4°37	2°48	19°58	24°51	17° 4	29° 8	17°11	20°14	20°49	12° 3	26°17	S 18
S 19	17 49 34	27°59'15	17° 8	9°21	5°50	2°34	19°52	24°56	17° 4	29° 7	17°13	20° 8	20°45	12° 9	26°19	S 19
M20	17 53 30	28°56'32	1♓27	11° 4	7° 3	2°19	19°45	25° 0	17° 4	29° 6	17°14	20° 5	20°42	12°16	26°21	M20
T 21	17 57 27	29°53'49	15°43	12°50	8°15	2° 6	19°38	25° 5	17°R 4	29° 6	17°16	20°D 4	20°39	12°23	26°23	T 21
W22	18 1 23	0♋51'05	29°51	14°39	9°28	1°53	19°31	25° 9	17° 4	29° 5	17°17	20°R 4	20°36	12°29	26°25	W22
T 23	18 5 20	1°48'22	13♈52	16°31	10°41	1°41	19°24	25°14	17° 4	29° 4	17°19	20° 4	20°33	12°36	26°27	T 23
F 24	18 9 17	2°45'38	27°45	18°25	11°54	1°30	19°17	25°18	17° 4	29° 4	17°20	20° 2	20°30	12°43	26°29	F 24
S 25	18 13 13	3°42'54	11♉29	20°21	13° 7	1°20	19°10	25°23	17° 4	29° 3	17°22	19°58	20°26	12°49	26°31	S 25
S 26	18 17 10	4°40'10	25° 4	22°20	14°19	1°10	19° 3	25°27	17° 4	29° 2	17°23	19°51	20°23	12°56	26°33	S 26
M27	18 21 6	5°37'26	8♊28	24°21	15°32	1° 1	18°56	25°31	17° 3	29° 1	17°25	19°41	20°20	13° 3	26°35	M27
T 28	18 25 3	6°34'41	21°41	26°25	16°45	0°53	18°49	25°35	17° 3	29° 1	17°26	19°30	20°17	13° 9	26°36	T 28
W29	18 28 59	7°31'57	4♋39	28°30	17°58	0°46	18°41	25°39	17° 3	29° 0	17°28	19°18	20°14	13°16	26°38	W29
T 30	18 32 56	8♋29'12	17♋23	0♋36	19♊11	0♐40	18♑34	25♈43	17♓ 2	28♒59	17♋29	19♓ 7	20♓11	13♍23	26♈40	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n 2	28n22	5n 0	13n18	3s41	14n31	1s36	23s28	1s50	21s45	0s 3	6n55	2s18	5s53	0s46	12s 8	0s25	20n51	1s31	3s 8	3s17	8n42	10n44	0n55
T 2	22 10	27 55	4 48	13 32	3 40	14 53	1 35	23 27	1 53	21 46	0 3	6 57	2 18	5 52	0 46	12 8	0 25	20 51	1 31	3 13	3 18	8 39	10 45	0 55
F 3	22 18	26 0	4 22	13 48	3 38	15 15	1 34	23 27	1 56	21 47	0 3	6 59	2 19	5 52	0 46	12 8	0 25	20 51	1 31	3 17	3 20	8 36	10 46	0 55
S 4	22 25	22 52	3 43	14 6	3 35	15 37	1 33	23 26	1 59	21 48	0 3	7 1	2 19	5 52	0 46	12 8	0 25	20 51	1 31	3 20	3 21	8 33	10 47	0 55
S 5	22 32	18 47	2 56	14 25	3 31	15 58	1 31	23 26	2 2	21 49	0 4	7 3	2 19	5 51	0 46	12 8	0 25	20 51	1 31	3 22	3 22	8 29	10 48	0 54
M 6	22 38	14 2	2 1	14 45	3 27	16 19	1 30	23 25	2 5	21 49	0 4	7 4	2 19	5 51	0 46	12 8	0 25	20 51	1 31	3 23	3 23	8 26	10 49	0 54
T 7	22 44	8 48	1 1	15 6	3 22	16 39	1 28	23 24	2 8	21 50	0 4	7 6	2 19	5 51	0 47	12 8	0 25	20 51	1 31	3 23	3 25	8 23	10 50	0 54
W 8	22 50	3 16	0s 1	15 29	3 16	16 59	1 27	23 24	2 11	21 51	0 4	7 8	2 20	5 51	0 47	12 8	0 25	20 50	1 31	3 23	3 26	8 19	10 50	0 54
T 9	22 55	2s24	1 4	15 52	3 10	17 19	1 25	23 23	2 14	21 52	0 4	7 10	2 20	5 51	0 47	12 8	0 25	20 50	1 31	3 23	3 27	8 16	10 51	0 54
F 10	23 0	8 3	2 4	16 16	3 3	17 38	1 23	23 22	2 16	21 53	0 4	7 12	2 20	5 50	0 47	12 9	0 25	20 50	1 31	3 24	3 28	8 13	10 52	0 54
S 11	23 4	13 31	3 0	16 41	2 56	17 57	1 22	23 21	2 19	21 54	0 4	7 13	2 20	5 50	0 47	12 9	0 25	20 50	1 31	3 25	3 30	8 9	10 53	0 54
S 12	23 8	18 34	3 49	17 6	2 48	18 15	1 20	23 20	2 21	21 55	0 5	7 15	2 20	5 50	0 47	12 9	0 25	20 50	1 31	3 28	3 31	8 6	10 54	0 54
M13	23 12	22 54	4 27	17 32	2 39	18 33	1 18	23 19	2 24	21 56	0 5	7 17	2 21	5 50	0 47	12 9	0 25	20 50	1 31	3 31	3 32	8 3	10 55	0 54
T 14	23 15	26 12	4 51	17 58	2 31	18 50	1 16	23 18	2 26	21 57	0 5	7 19	2 21	5 50	0 47	12 9	0 25	20 50	1 30	3 36	3 33	7 59	10 56	0 54
W15	23 17	28 4	5 0	18 25	2 21	19 7	1 14	23 17	2 29	21 58	0 5	7 20	2 21	5 50	0 47	12 9	0 25	20 50	1 30	3 40	3 35	7 56	10 56	0 54
T 16	23 20	28 13	4 52	18 52	2 12	19 24	1 13	23 16	2 31	21 59	0 5	7 22	2 21	5 50	0 47	12 9	0 25	20 50	1 30	3 45	3 36	7 53	10 57	0 54
F 17	23 22	26 32	4 26	19 18	2 1	19 40	1 11	23 16	2 33	22 0	0 5	7 23	2 21	5 50	0 47	12 10	0 25	20 50	1 30	3 49	3 37	7 49	10 58	0 54
S 18	23 23	23 8	3 42	19 45	1 51	19 55	1 8	23 15	2 36	22 2	0 5	7 25	2 22	5 50	0 47	12 10	0 25	20 49	1 30	3 52	3 38	7 46	10 59	0 54
S 19	23 24	18 18	2 45	20 11	1 40	20 10	1 6	23 14	2 38	22 3	0 6	7 27	2 22	5 50	0 47	12 10	0 25	20 49	1 30	3 54	3 40	7 43	10 59	0 54
M20	23 25	12 27	1 37	20 37	1 29	20 25	1 4	23 13	2 40	22 4	0 6	7 28	2 22	5 50	0 47	12 10	0 25	20 49	1 30	3 55	3 41	7 39	11 0	0 54
T 21	23 25	5 59	0 23	21 2	1 18	20 38	1 2	23 12	2 42	22 5	0 6	7 29	2 22	5 50	0 47	12 11	0 25	20 49	1 30	3 56	3 42	7 36	11 1	0 54
W22	23 25	0n44	0n52	21 26	1 7	20 52	1 0	23 11	2 43	22 6	0 6	7 31	2 22	5 50	0 47	12 11	0 25	20 49	1 30	3 56	3 43	7 32	11 2	0 54
T 23	23 24	7 21	2 3	21 49	0 55	21 5	0 58	23 11	2 45	22 7	0 6	7 32	2 23	5 50	0 47	12 11	0 25	20 49	1 30	3 56	3 45	7 29	11 2	0 54
F 24	23 23	13 33	3 5	22 11	0 44	21 17	0 56	23 10	2 47	22 8	0 6	7 34	2 23	5 50	0 47	12 11	0 25	20 49	1 30	3 57	3 46	7 26	11 3	0 54
S 25	23 22	19 1	3 57	22 32	0 32	21 28	0 53	23 10	2 49	22 9	0 6	7 35	2 23	5 50	0 47	12 12	0 26	20 49	1 30	3 58	3 47	7 22	11 4	0 54
S 26	23 20	23 27	4 34	22 51	0 20	21 39	0 51	23 9	2 50	22 11	0 7	7 36	2 23	5 50	0 47	12 12	0 26	20 49	1 30	4 1	3 48	7 19	11 4	0 54
M27	23 18	26 34	4 56	23 9	0 9	21 50	0 49	23 9	2 52	22 12	0 7	7 38	2 24	5 50	0 47	12 12	0 26	20 48	1 30	4 5	3 50	7 16	11 5	0 54
T 28	23 15	28 10	5 1	23 24	0n 2	22 0	0 46	23 9	2 53	22 13	0 7	7 39	2 24	5 50	0 47	12 12	0 26	20 48	1 29	4 9	3 51	7 12	11 5	0 54
W29	23 12	28 11	4 51	23 38	0 13	22 9	0 44	23 8	2 55	22 14	0 7	7 40	2 24	5 50	0 47	12 13	0 26	20 48	1 29	4 14	3 52	7 9	11 6	0 54
T 30	23n 9	26n41	4n26	23n49	0n24	22n17	0s42	23s 8	2s56	22s15	0s 7	7n41	2s24	5s51	0s47	12s13	0s26	20n48	1s29	4s18	3s53	7n 6	11n 6	0n54

Julian Day Number = 2515248.5, Delta T = 140.02 sec
Ecliptic obliquity = 23°25'08, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°10'39, Lahiri = 26°17'40

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2174
geocentric

JULY 2174 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 36 52	9♋26'27	29♋52	2♋44	20♊24	0°R34	18°R26	25♈47	17°R 2	28°R58	17♋31	18°R57	20♓ 7	13♍29	26♈41	F 1
S 2	18 40 49	10°23'41	12♌ 7	4°53	21°37	0♐29	18♉19	25°50	17♓ 1	28♒57	17°32	18♓49	20° 4	13°36	26°43	S 2
S 3	18 44 46	11°20'55	24°10	7° 3	22°50	0°26	18°11	25°54	17° 1	28°56	17°34	18°44	20° 1	13°42	26°44	S 3
M 4	18 48 42	12°18'09	6♍ 3	9°14	24° 3	0°23	18° 4	25°57	17° 0	28°55	17°35	18°41	19°58	13°49	26°46	M 4
T 5	18 52 39	13°15'22	17°52	11°25	25°16	0°21	17°56	26° 1	17° 0	28°54	17°37	18°D40	19°55	13°56	26°47	T 5
W 6	18 56 35	14°12'35	29°39	13°35	26°29	0°19	17°48	26° 4	16°59	28°53	17°38	18°40	19°51	14° 2	26°48	W 6
T 7	19 0 32	15° 9'48	11♎32	15°46	27°42	0°D19	17°41	26° 8	16°58	28°52	17°40	18°R41	19°48	14° 9	26°50	T 7
F 8	19 4 28	16° 7'00	23°34	17°56	28°55	0°19	17°33	26°11	16°58	28°51	17°41	18°41	19°45	14°16	26°51	F 8
S 9	19 8 25	17° 4'13	5♏51	20° 5	0♋ 8	0°20	17°25	26°14	16°57	28°50	17°43	18°39	19°42	14°22	26°52	S 9
S 10	19 12 21	18° 1'25	18°28	22°13	1°22	0°22	17°17	26°17	16°56	28°49	17°45	18°35	19°39	14°29	26°53	S 10
M11	19 16 18	18°58'36	1♐28	24°20	2°35	0°25	17°10	26°20	16°55	28°48	17°46	18°29	19°36	14°36	26°54	M11
T 12	19 20 15	19°55'48	14°54	26°25	3°48	0°29	17° 2	26°23	16°54	28°47	17°48	18°21	19°32	14°42	26°55	T 12
W13	19 24 11	20°53'00	28°46	28°29	5° 1	0°34	16°54	26°25	16°53	28°45	17°49	18°12	19°29	14°49	26°56	W13
T 14	19 28 8	21°50'12	13♑ 0	0♌32	6°14	0°39	16°47	26°28	16°52	28°44	17°51	18° 3	19°26	14°56	26°57	T 14
F 15	19 32 4	22°47'24	27°31	2°33	7°28	0°45	16°39	26°30	16°51	28°43	17°52	17°56	19°23	15° 2	26°58	F 15
S 16	19 36 1	23°44'36	12♒13	4°32	8°41	0°52	16°31	26°33	16°50	28°42	17°54	17°49	19°20	15° 9	26°59	S 16
S 17	19 39 57	24°41'49	26°59	6°30	9°54	0°59	16°24	26°35	16°49	28°40	17°55	17°46	19°17	15°15	26°59	S 17
M18	19 43 54	25°39'01	11♓41	8°25	11° 8	1° 8	16°16	26°37	16°48	28°39	17°57	17°D44	19°13	15°22	27° 0	M18
T 19	19 47 51	26°36'15	26°13	10°19	12°21	1°17	16° 9	26°40	16°46	28°38	17°58	17°44	19°10	15°29	27° 1	T 19
W20	19 51 47	27°33'29	10♈33	12°11	13°34	1°26	16° 1	26°42	16°45	28°37	18° 0	17°45	19° 7	15°35	27° 1	W20
T 21	19 55 44	28°30'43	24°37	14° 2	14°48	1°37	15°54	26°43	16°44	28°35	18° 1	17°R46	19° 4	15°42	27° 2	T 21
F 22	19 59 40	29°27'59	8♉26	15°50	16° 1	1°48	15°47	26°45	16°42	28°34	18° 3	17°45	19° 1	15°49	27° 2	F 22
S 23	20 3 37	0♌25'15	21°59	17°37	17°15	2° 0	15°39	26°47	16°41	28°32	18° 4	17°43	18°57	15°55	27° 3	S 23
S 24	20 7 33	1°22'32	5♊17	19°22	18°28	2°13	15°32	26°49	16°40	28°31	18° 6	17°39	18°54	16° 2	27° 3	S 24
M25	20 11 30	2°19'50	18°22	21° 4	19°42	2°26	15°25	26°50	16°38	28°30	18° 7	17°34	18°51	16° 9	27° 4	M25
T 26	20 15 26	3°17'09	1♋13	22°46	20°55	2°40	15°18	26°52	16°37	28°28	18° 9	17°26	18°48	16°15	27° 4	T 26
W27	20 19 23	4°14'28	13°51	24°25	22° 9	2°54	15°11	26°53	16°35	28°27	18°10	17°19	18°45	16°22	27° 4	W27
T 28	20 23 20	5°11'48	26°18	26° 2	23°22	3°10	15° 4	26°54	16°33	28°25	18°12	17°11	18°42	16°29	27° 4	T 28
F 29	20 27 16	6° 9'09	8♌32	27°38	24°36	3°26	14°58	26°55	16°32	28°24	18°13	17° 5	18°38	16°35	27° 4	F 29
S 30	20 31 13	7° 6'30	20°37	29°12	25°50	3°42	14°51	26°56	16°30	28°22	18°15	17° 0	18°35	16°42	27° 5	S 30
S 31	20 35 9	8♌ 3'52	2♍33	0♍44	27♋ 3	3♐59	14♑44	26♈57	16♓28	28♒21	18♋16	16♓57	18♓32	16♍49	27°R 5	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n 5	23n53	3n49	23n57	0n34	22n25	0s39	23s 8	2s57	22s16	0s 7	7n42	2s25	5s51	0s47	12s13	0s26	20n48	1s29	4s22	3s55	7n 2	11n 7	0n54
S 2	23 1	20 3	3 2	24 3	0 44	22 33	0 37	23 9	2 58	22 18	0 8	7 44	2 25	5 51	0 47	12 14	0 26	20 48	1 29	4 25	3 56	6 59	11 8	0 54
S 3	22 56	15 27	2 7	24 7	0 53	22 39	0 34	23 9	2 59	22 19	0 8	7 45	2 25	5 51	0 48	12 14	0 26	20 48	1 29	4 27	3 57	6 56	11 8	0 54
M 4	22 51	10 19	1 7	24 7	1 1	22 45	0 32	23 9	3 1	22 20	0 8	7 46	2 25	5 51	0 48	12 14	0 26	20 47	1 29	4 28	3 58	6 52	11 9	0 54
T 5	22 46	4 52	0 4	24 5	1 10	22 51	0 29	23 10	3 2	22 21	0 8	7 47	2 26	5 52	0 48	12 15	0 26	20 47	1 29	4 29	4 0	6 49	11 9	0 54
W 6	22 40	0s45	0s58	24 0	1 17	22 56	0 27	23 10	3 2	22 22	0 8	7 48	2 26	5 52	0 48	12 15	0 26	20 47	1 29	4 29	4 1	6 45	11 9	0 54
T 7	22 33	6 23	1 59	23 52	1 24	23 0	0 24	23 11	3 3	22 23	0 8	7 49	2 26	5 52	0 48	12 16	0 26	20 47	1 29	4 28	4 2	6 42	11 10	0 54
F 8	22 27	11 51	2 55	23 42	1 29	23 3	0 22	23 12	3 4	22 24	0 8	7 49	2 26	5 53	0 48	12 16	0 26	20 47	1 29	4 29	4 3	6 39	11 10	0 54
S 9	22 20	16 59	3 45	23 29	1 35	23 6	0 19	23 13	3 5	22 26	0 9	7 50	2 27	5 53	0 48	12 16	0 26	20 47	1 29	4 29	4 5	6 35	11 11	0 54
S 10	22 12	21 32	4 24	23 13	1 39	23 8	0 17	23 14	3 6	22 27	0 9	7 51	2 27	5 53	0 48	12 17	0 26	20 47	1 29	4 31	4 6	6 32	11 11	0 54
M11	22 5	25 12	4 52	22 55	1 43	23 9	0 14	23 15	3 6	22 28	0 9	7 52	2 27	5 54	0 48	12 17	0 26	20 46	1 29	4 33	4 7	6 29	11 11	0 53
T 12	21 56	27 37	5 5	22 35	1 46	23 10	0 12	23 17	3 7	22 29	0 9	7 53	2 27	5 54	0 48	12 18	0 26	20 46	1 29	4 36	4 8	6 25	11 12	0 53
W13	21 48	28 25	5 0	22 12	1 48	23 10	0 9	23 18	3 7	22 30	0 9	7 53	2 28	5 55	0 48	12 18	0 26	20 46	1 29	4 40	4 10	6 22	11 12	0 53
T 14	21 39	27 23	4 37	21 48	1 49	23 10	0 7	23 20	3 8	22 31	0 9	7 54	2 28	5 55	0 48	12 19	0 26	20 46	1 29	4 43	4 11	6 18	11 12	0 53
F 15	21 30	24 30	3 56	21 21	1 50	23 8	0 4	23 22	3 8	22 32	0 9	7 55	2 28	5 55	0 48	12 19	0 26	20 46	1 28	4 46	4 12	6 15	11 13	0 53
S 16	21 20	19 59	2 59	20 53	1 50	23 6	0 2	23 24	3 9	22 33	0 9	7 55	2 28	5 56	0 48	12 19	0 26	20 46	1 28	4 49	4 13	6 12	11 13	0 53
S 17	21 10	14 13	1 49	20 24	1 49	23 4	0n 1	23 26	3 9	22 34	0 10	7 56	2 29	5 56	0 48	12 20	0 26	20 46	1 28	4 50	4 14	6 8	11 13	0 53
M18	21 0	7 41	0 33	19 53	1 48	23 1	0 3	23 28	3 10	22 35	0 10	7 57	2 29	5 57	0 48	12 20	0 26	20 45	1 28	4 51	4 16	6 5	11 14	0 53
T 19	20 49	0 48	0n46	19 20	1 46	22 57	0 6	23 30	3 10	22 36	0 10	7 57	2 29	5 57	0 48	12 21	0 26	20 45	1 28	4 51	4 17	6 2	11 14	0 53
W20	20 38	6n 0	2 0	18 47	1 43	22 52	0 8	23 32	3 10	22 37	0 10	7 58	2 30	5 58	0 48	12 21	0 26	20 45	1 28	4 50	4 18	5 58	11 14	0 53
T 21	20 26	12 24	3 5	18 12	1 40	22 47	0 11	23 34	3 10	22 38	0 10	7 58	2 30	5 58	0 48	12 22	0 26	20 45	1 28	4 50	4 19	5 55	11 14	0 53
F 22	20 15	18 4	3 59	17 37	1 37	22 41	0 13	23 37	3 11	22 39	0 10	7 58	2 30	5 59	0 48	12 22	0 26	20 45	1 28	4 50	4 21	5 51	11 14	0 53
S 23	20 3	22 43	4 38	17 1	1 32	22 34	0 16	23 40	3 11	22 40	0 10	7 59	2 30	6 0	0 48	12 23	0 26	20 45	1 28	4 51	4 22	5 48	11 14	0 53
S 24	19 50	26 6	5 1	16 24	1 28	22 27	0 18	23 42	3 11	22 41	0 11	7 59	2 31	6 0	0 48	12 23	0 26	20 45	1 28	4 52	4 23	5 45	11 15	0 53
M25	19 37	28 2	5 8	15 46	1 23	22 19	0 20	23 45	3 11	22 42	0 11	7 59	2 31	6 1	0 48	12 24	0 26	20 44	1 28	4 55	4 24	5 41	11 15	0 53
T 26	19 24	28 24	5 0	15 8	1 17	22 10	0 23	23 48	3 11	22 43	0 11	8 0	2 31	6 1	0 48	12 24	0 26	20 44	1 28	4 57	4 26	5 38	11 15	0 53
W27	19 11	27 17	4 36	14 29	1 11	22 1	0 25	23 51	3 11	22 44	0 11	8 0	2 31	6 2	0 48	12 25	0 26	20 44	1 28	5 0	4 27	5 34	11 15	0 53
T 28	18 57	24 48	4 0	13 50	1 4	21 51	0 27	23 54	3 11	22 45	0 11	8 0	2 32	6 3	0 48	12 25	0 26	20 44	1 28	5 3	4 28	5 31	11 15	0 53
F 29	18 43	21 13	3 13	13 11	0 57	21 40	0 30	23 57	3 11	22 46	0 11	8 0	2 32	6 3	0 48	12 26	0 26	20 44	1 28	5 6	4 29	5 28	11 15	0 53
S 30	18 29	16 47	2 18	12 32	0 50	21 29	0 32	24 0	3 11	22 47	0 11	8 0	2 32	6 4	0 48	12 26	0 26	20 44	1 28	5 8	4 31	5 24	11 15	0 53
S 31	18n14	11n46	1n18	11n52	0n43	21n17	0n34	24s 3	3s11	22s48	0s11	8n 0	2s33	6s 5	0s48	12s27	0s26	20n44	1s28	5s 9	4s32	5n21	11n15	0n53

Julian Day Number = 2515278.5, Delta T = 140.09 sec
Ecliptic obliquity = 23°25'08, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°10'43, Lahiri = 26°17'44

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2174
geocentric

AUGUST 2174 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 39 6	9♌ 1'15	14♍23	2♍14	28♋17	4♐17	14°R38	26♈58	16°R27	28°R19	18♋18	16°D56	18♓29	16♍55	27°R 4	M 1
T 2	20 43 2	9°58'38	26° 9	3°43	29°31	4°35	14♑32	26°59	16♓25	28♒18	18°19	16♓57	18°26	17° 2	27♈ 4	T 2
W 3	20 46 59	10°56'01	7♎56	5° 9	0♌44	4°54	14°25	27° 0	16°23	28°16	18°21	16°58	18°23	17° 8	27° 4	W 3
T 4	20 50 55	11°53'25	19°48	6°34	1°58	5°14	14°19	27° 0	16°21	28°15	18°22	17° 0	18°19	17°15	27° 4	T 4
F 5	20 54 52	12°50'50	1♏50	7°57	3°12	5°34	14°13	27° 0	16°20	28°13	18°24	17° 1	18°16	17°22	27° 4	F 5
S 6	20 58 49	13°48'16	14° 5	9°17	4°26	5°54	14° 8	27° 1	16°18	28°12	18°25	17°R 2	18°13	17°28	27° 3	S 6
S 7	21 2 45	14°45'42	26°40	10°36	5°39	6°15	14° 2	27° 1	16°16	28°10	18°26	17° 1	18°10	17°35	27° 3	S 7
M 8	21 6 42	15°43'09	9♐39	11°53	6°53	6°37	13°56	27°R 1	16°14	28° 8	18°28	16°59	18° 7	17°42	27° 3	M 8
T 9	21 10 38	16°40'37	23° 4	13° 8	8° 7	6°59	13°51	27° 1	16°12	28° 7	18°29	16°56	18° 3	17°48	27° 2	T 9
W10	21 14 35	17°38'05	6♑56	14°20	9°21	7°22	13°46	27° 1	16°10	28° 5	18°31	16°52	18° 0	17°55	27° 2	W10
T 11	21 18 31	18°35'34	21°15	15°30	10°35	7°45	13°40	27° 1	16° 8	28° 4	18°32	16°48	17°57	18° 2	27° 1	T 11
F 12	21 22 28	19°33'04	5♒56	16°38	11°49	8° 9	13°36	27° 0	16° 6	28° 2	18°33	16°44	17°54	18° 8	27° 0	F 12
S 13	21 26 24	20°30'35	20°53	17°44	13° 3	8°33	13°31	27° 0	16° 4	28° 0	18°35	16°41	17°51	18°15	27° 0	S 13
S 14	21 30 21	21°28'07	5♓57	18°47	14°17	8°57	13°26	26°59	16° 2	27°59	18°36	16°40	17°48	18°22	26°59	S 14
M15	21 34 18	22°25'41	20°59	19°48	15°31	9°22	13°22	26°59	16° 0	27°57	18°37	16°D39	17°44	18°28	26°58	M15
T 16	21 38 14	23°23'15	5♈52	20°45	16°45	9°48	13°17	26°58	15°57	27°56	18°39	16°40	17°41	18°35	26°57	T 16
W17	21 42 11	24°20'51	20°29	21°40	17°59	10°14	13°13	26°57	15°55	27°54	18°40	16°41	17°38	18°41	26°57	W17
T 18	21 46 7	25°18'28	4♉46	22°32	19°13	10°40	13° 9	26°56	15°53	27°52	18°41	16°43	17°35	18°48	26°56	T 18
F 19	21 50 4	26°16'08	18°40	23°21	20°27	11° 7	13° 5	26°55	15°51	27°51	18°43	16°44	17°32	18°55	26°55	F 19
S 20	21 54 0	27°13'48	2♊12	24° 7	21°41	11°34	13° 1	26°54	15°49	27°49	18°44	16°R44	17°29	19° 1	26°54	S 20
S 21	21 57 57	28°11'30	15°24	24°49	22°55	12° 1	12°58	26°53	15°46	27°47	18°45	16°43	17°25	19° 8	26°52	S 21
M22	22 1 53	29° 9'14	28°17	25°27	24° 9	12°29	12°55	26°52	15°44	27°46	18°46	16°41	17°22	19°15	26°51	M22
T 23	22 5 50	0♍ 7'00	10♋53	26° 1	25°23	12°58	12°51	26°50	15°42	27°44	18°47	16°39	17°19	19°21	26°50	T 23
W24	22 9 47	1° 4'47	23°16	26°31	26°38	13°26	12°48	26°49	15°40	27°42	18°49	16°37	17°16	19°28	26°49	W24
T 25	22 13 43	2° 2'35	5♌27	26°57	27°52	13°55	12°46	26°47	15°37	27°41	18°50	16°35	17°13	19°35	26°48	T 25
F 26	22 17 40	3° 0'25	17°30	27°18	29° 6	14°25	12°43	26°45	15°35	27°39	18°51	16°33	17° 9	19°41	26°46	F 26
S 27	22 21 36	3°58'17	29°25	27°35	0♍20	14°54	12°41	26°43	15°33	27°38	18°52	16°32	17° 6	19°48	26°45	S 27
S 28	22 25 33	4°56'10	11♍15	27°46	1°35	15°25	12°38	26°41	15°30	27°36	18°53	16°D31	17° 3	19°55	26°43	S 28
M29	22 29 29	5°54'04	23° 2	27°52	2°49	15°55	12°36	26°39	15°28	27°34	18°54	16°31	17° 0	20° 1	26°42	M29
T 30	22 33 26	6°52'00	4♎48	27°R52	4° 3	16°26	12°34	26°37	15°26	27°33	18°56	16°31	16°57	20° 8	26°40	T 30
W31	22 37 22	7♍49'57	16♎37	27♍46	5♍18	16♐57	12♑33	26♈35	15♓23	27♒31	18♋57	16♓32	16♓54	20♍14	26♈39	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17n59	6n22	0n14	11n13	0n35	21n 5	0n36	24s 6	3s11	22s48	0s12	8n 0	2s33	6s 5	0s48	12s27	0s26	20n43	1s28	5s 9	4s33	5n17	11n15	0n53
T 2	17 44	0 46	0s50	10 33	0 26	20 52	0 39	24 10	3 11	22 49	0 12	8 0	2 33	6 6	0 48	12 28	0 26	20 43	1 28	5 9	4 34	5 14	11 15	0 53
W 3	17 28	4s52	1 52	9 53	0 18	20 38	0 41	24 13	3 10	22 50	0 12	8 0	2 33	6 7	0 48	12 29	0 26	20 43	1 28	5 9	4 36	5 11	11 15	0 53
T 4	17 13	10 22	2 50	9 14	0 9	20 24	0 43	24 16	3 10	22 51	0 12	8 0	2 34	6 7	0 49	12 29	0 26	20 43	1 27	5 8	4 37	5 7	11 15	0 53
F 5	16 56	15 33	3 41	8 35	0s 0	20 9	0 45	24 20	3 10	22 52	0 12	8 0	2 34	6 8	0 49	12 30	0 26	20 43	1 27	5 7	4 38	5 4	11 14	0 53
S 6	16 40	20 14	4 23	7 56	0 9	19 54	0 47	24 23	3 10	22 52	0 12	8 0	2 34	6 9	0 49	12 30	0 26	20 43	1 27	5 7	4 39	5 0	11 14	0 53
S 7	16 24	24 9	4 54	7 17	0 19	19 38	0 49	24 27	3 10	22 53	0 12	8 0	2 34	6 10	0 49	12 31	0 26	20 43	1 27	5 7	4 41	4 57	11 14	0 53
M 8	16 7	27 0	5 11	6 39	0 29	19 21	0 51	24 30	3 9	22 54	0 12	8 0	2 35	6 11	0 49	12 31	0 26	20 42	1 27	5 8	4 42	4 54	11 14	0 53
T 9	15 49	28 25	5 11	6 2	0 39	19 4	0 53	24 34	3 9	22 54	0 12	7 59	2 35	6 11	0 49	12 32	0 26	20 42	1 27	5 9	4 43	4 50	11 14	0 53
W10	15 32	28 8	4 54	5 24	0 49	18 46	0 54	24 37	3 9	22 55	0 13	7 59	2 35	6 12	0 49	12 32	0 26	20 42	1 27	5 11	4 44	4 47	11 14	0 53
T 11	15 14	26 0	4 19	4 48	0 59	18 28	0 56	24 41	3 8	22 56	0 13	7 59	2 36	6 13	0 49	12 33	0 26	20 42	1 27	5 13	4 46	4 43	11 13	0 53
F 12	14 57	22 5	3 25	4 12	1 10	18 10	0 58	24 44	3 8	22 56	0 13	7 58	2 36	6 14	0 49	12 34	0 26	20 42	1 27	5 14	4 47	4 40	11 13	0 53
S 13	14 38	16 41	2 17	3 37	1 20	17 50	1 0	24 48	3 7	22 57	0 13	7 58	2 36	6 15	0 49	12 34	0 26	20 42	1 27	5 15	4 48	4 37	11 13	0 53
S 14	14 20	10 14	0 59	3 2	1 31	17 31	1 1	24 51	3 7	22 57	0 13	7 58	2 36	6 15	0 49	12 35	0 26	20 41	1 27	5 16	4 49	4 33	11 12	0 53
M15	14 2	3 12	0n24	2 29	1 42	17 10	1 3	24 55	3 7	22 58	0 13	7 57	2 37	6 16	0 49	12 35	0 26	20 41	1 27	5 16	4 50	4 30	11 12	0 53
T 16	13 43	3n55	1 44	1 56	1 52	16 50	1 5	24 58	3 6	22 59	0 13	7 57	2 37	6 17	0 49	12 36	0 26	20 41	1 27	5 15	4 52	4 26	11 12	0 53
W17	13 24	10 43	2 56	1 25	2 3	16 29	1 6	25 2	3 6	22 59	0 13	7 56	2 37	6 18	0 49	12 36	0 26	20 41	1 27	5 15	4 53	4 23	11 11	0 53
T 18	13 4	16 47	3 55	0 54	2 14	16 7	1 8	25 5	3 5	23 0	0 13	7 56	2 37	6 19	0 49	12 37	0 26	20 41	1 27	5 14	4 54	4 20	11 11	0 52
F 19	12 45	21 50	4 39	0 25	2 25	15 45	1 9	25 8	3 5	23 0	0 13	7 55	2 38	6 20	0 49	12 38	0 27	20 41	1 27	5 14	4 55	4 16	11 11	0 52
S 20	12 25	25 35	5 6	0s 3	2 36	15 22	1 10	25 12	3 4	23 0	0 14	7 54	2 38	6 20	0 49	12 38	0 27	20 41	1 27	5 14	4 57	4 13	11 10	0 52
S 21	12 6	27 51	5 16	0 29	2 46	15 0	1 12	25 15	3 4	23 1	0 14	7 54	2 38	6 21	0 49	12 39	0 27	20 41	1 27	5 14	4 58	4 9	11 10	0 52
M22	11 46	28 34	5 9	0 54	2 57	14 36	1 13	25 18	3 3	23 1	0 14	7 53	2 38	6 22	0 49	12 39	0 27	20 40	1 27	5 15	4 59	4 6	11 9	0 52
T 23	11 25	27 46	4 48	1 17	3 7	14 12	1 14	25 21	3 3	23 2	0 14	7 52	2 39	6 23	0 49	12 40	0 27	20 40	1 27	5 16	5 0	4 2	11 9	0 52
W24	11 5	25 35	4 14	1 38	3 17	13 48	1 15	25 24	3 2	23 2	0 14	7 51	2 39	6 24	0 49	12 40	0 27	20 40	1 27	5 17	5 2	3 59	11 8	0 52
T 25	10 44	22 15	3 28	1 57	3 27	13 24	1 16	25 27	3 2	23 2	0 14	7 50	2 39	6 25	0 49	12 41	0 27	20 40	1 27	5 18	5 3	3 56	11 8	0 52
F 26	10 24	18 1	2 34	2 14	3 36	12 59	1 17	25 30	3 1	23 3	0 14	7 50	2 39	6 26	0 49	12 42	0 27	20 40	1 27	5 18	5 4	3 52	11 7	0 52
S 27	10 3	13 8	1 33	2 29	3 45	12 34	1 18	25 33	3 0	23 3	0 14	7 49	2 40	6 27	0 49	12 42	0 27	20 40	1 27	5 19	5 5	3 49	11 7	0 52
S 28	9 42	7 48	0 29	2 41	3 53	12 8	1 19	25 36	3 0	23 3	0 14	7 48	2 40	6 28	0 49	12 43	0 27	20 40	1 27	5 19	5 7	3 45	11 6	0 52
M29	9 20	2 13	0s36	2 50	4 1	11 42	1 20	25 39	2 59	23 4	0 14	7 47	2 40	6 29	0 49	12 43	0 27	20 40	1 27	5 19	5 8	3 42	11 6	0 52
T 30	8 59	3s26	1 40	2 56	4 8	11 16	1 21	25 41	2 59	23 4	0 15	7 46	2 40	6 29	0 49	12 44	0 27	20 39	1 26	5 19	5 9	3 39	11 5	0 52
W31	8n37	8s59	2s40	3s 0	4s14	10n49	1n21	25s44	2s58	23s 4	0s15	7n45	2s41	6s30	0s49	12s44	0s27	20n39	1s26	5s19	5s10	3n35	11n 5	0n52

Julian Day Number = 2515309.5, Delta T = 140.16 sec
Ecliptic obliquity = 23°25'09, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°10'48, Lahiri = 26°17'48

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2174
geocentric

SEPTEMBER 2174 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 41 19	8♍47'56	28♎32	27°R35	6♍32	17♐29	12°R31	26°R33	15°R21	27°R29	18♋58	16♓33	16♓50	20♍21	26°R37	T 1
F 2	22 45 16	9°45'55	10♏35	27♍17	7°46	18° 0	12♑30	26♈30	15♓19	27♒28	18°59	16°34	16°47	20°28	26♈36	F 2
S 3	22 49 12	10°43'57	22°52	26°53	9° 1	18°33	12°29	26°28	15°16	27°26	19° 0	16°34	16°44	20°34	26°34	S 3
S 4	22 53 9	11°42'00	5♐25	26°23	10°15	19° 5	12°28	26°25	15°14	27°25	19° 1	16°35	16°41	20°41	26°32	S 4
M 5	22 57 5	12°40'04	18°19	25°47	11°30	19°38	12°27	26°23	15°11	27°23	19° 2	16°R35	16°38	20°48	26°30	M 5
T 6	23 1 2	13°38'09	1♑37	25° 6	12°44	20°11	12°27	26°20	15° 9	27°22	19° 3	16°35	16°35	20°54	26°28	T 6
W 7	23 4 58	14°36'16	15°22	24°19	13°59	20°44	12°26	26°17	15° 7	27°20	19° 4	16°34	16°31	21° 1	26°27	W 7
T 8	23 8 55	15°34'25	29°33	23°28	15°13	21°18	12°D26	26°14	15° 4	27°19	19° 5	16°34	16°28	21° 8	26°25	T 8
F 9	23 12 51	16°32'35	14♒ 9	22°33	16°28	21°51	12°26	26°11	15° 2	27°17	19° 6	16°D34	16°25	21°14	26°23	F 9
S 10	23 16 48	17°30'46	29° 6	21°35	17°42	22°26	12°26	26° 8	14°59	27°15	19° 7	16°34	16°22	21°21	26°21	S 10
S 11	23 20 45	18°28'59	14♓15	20°36	18°57	23° 0	12°27	26° 5	14°57	27°14	19° 8	16°R34	16°19	21°28	26°19	S 11
M12	23 24 41	19°27'13	29°28	19°36	20°11	23°35	12°27	26° 1	14°55	27°12	19° 8	16°34	16°15	21°34	26°17	M12
T 13	23 28 38	20°25'30	14♈35	18°37	21°26	24° 9	12°28	25°58	14°52	27°11	19° 9	16°34	16°12	21°41	26°14	T 13
W14	23 32 34	21°23'48	29°28	17°40	22°40	24°45	12°29	25°55	14°50	27°10	19°10	16°33	16° 9	21°48	26°12	W14
T 15	23 36 31	22°22'08	14♉ 0	16°47	23°55	25°20	12°30	25°51	14°48	27° 8	19°11	16°33	16° 6	21°54	26°10	T 15
F 16	23 40 27	23°20'31	28° 6	15°59	25° 9	25°56	12°32	25°48	14°45	27° 7	19°12	16°32	16° 3	22° 1	26° 8	F 16
S 17	23 44 24	24°18'56	11♊45	15°17	26°24	26°31	12°33	25°44	14°43	27° 5	19°12	16°32	16° 0	22° 7	26° 6	S 17
S 18	23 48 20	25°17'23	24°58	14°42	27°39	27° 7	12°35	25°40	14°40	27° 4	19°13	16°D32	15°56	22°14	26° 3	S 18
M19	23 52 17	26°15'52	7♋48	14°16	28°53	27°44	12°37	25°37	14°38	27° 2	19°14	16°32	15°53	22°21	26° 1	M19
T 20	23 56 14	27°14'23	20°18	13°58	0♌ 8	28°20	12°39	25°33	14°36	27° 1	19°15	16°32	15°50	22°27	25°59	T 20
W21	0 0 10	28°12'56	2♌32	13°D50	1°22	28°57	12°41	25°29	14°34	27° 0	19°15	16°33	15°47	22°34	25°56	W21
T 22	0 4 7	29°11'31	14°34	13°51	2°37	29°34	12°44	25°25	14°31	26°58	19°16	16°35	15°44	22°41	25°54	T 22
F 23	0 8 3	0♌10'09	26°28	14° 2	3°52	0♑11	12°47	25°21	14°29	26°57	19°17	16°36	15°41	22°47	25°51	F 23
S 24	0 12 0	1° 8'48	8♍17	14°22	5° 7	0°49	12°49	25°17	14°27	26°56	19°17	16°36	15°37	22°54	25°49	S 24
S 25	0 15 56	2° 7'30	20° 4	14°52	6°21	1°26	12°52	25°13	14°24	26°55	19°18	16°R37	15°34	23° 1	25°47	S 25
M26	0 19 53	3° 6'13	1♎51	15°31	7°36	2° 4	12°56	25° 8	14°22	26°53	19°18	16°36	15°31	23° 7	25°44	M26
T 27	0 23 49	4° 4'59	13°41	16°18	8°51	2°42	12°59	25° 4	14°20	26°52	19°19	16°34	15°28	23°14	25°41	T 27
W28	0 27 46	5° 3'46	25°37	17°14	10° 5	3°20	13° 3	25° 0	14°18	26°51	19°20	16°32	15°25	23°21	25°39	W28
T 29	0 31 42	6° 2'36	7♏39	18°17	11°20	3°58	13° 6	24°56	14°16	26°50	19°20	16°29	15°21	23°27	25°36	T 29
F 30	0 35 39	7♎ 1'27	19♏50	19♍27	12♎35	4♑37	13♑10	24♈51	14♓13	26♒48	19♋21	16♓26	15♓18	23♍34	25♈34	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n16	14s15	3s33	3s 0	4s19	10n23	1n22	25s46	2s57	23s 4	0s15	7n44	2s41	6s31	0s49	12s45	0s27	20n39	1s26	5s18	5s12	3n32	11n 4	0n52
F 2	7 54	19 3	4 17	2 56	4 23	9 55	1 23	25 49	2 57	23 5	0 15	7 43	2 41	6 32	0 49	12 46	0 27	20 39	1 26	5 18	5 13	3 28	11 3	0 52
S 3	7 32	23 10	4 51	2 49	4 26	9 28	1 23	25 51	2 56	23 5	0 15	7 42	2 41	6 33	0 49	12 46	0 27	20 39	1 26	5 18	5 14	3 25	11 3	0 52
S 4	7 10	26 18	5 12	2 39	4 27	9 0	1 24	25 53	2 55	23 5	0 15	7 41	2 42	6 34	0 49	12 47	0 27	20 39	1 26	5 18	5 15	3 21	11 2	0 52
M 5	6 48	28 11	5 18	2 25	4 27	8 32	1 24	25 55	2 54	23 5	0 15	7 39	2 42	6 35	0 49	12 47	0 27	20 39	1 26	5 18	5 16	3 18	11 1	0 52
T 6	6 26	28 31	5 7	2 6	4 25	8 4	1 24	25 57	2 54	23 5	0 15	7 38	2 42	6 36	0 49	12 48	0 27	20 39	1 26	5 18	5 18	3 15	11 1	0 52
W 7	6 3	27 9	4 39	1 45	4 21	7 36	1 24	25 58	2 53	23 5	0 15	7 37	2 42	6 37	0 49	12 48	0 27	20 39	1 26	5 18	5 19	3 11	11 0	0 52
T 8	5 41	24 1	3 53	1 19	4 16	7 7	1 25	26 0	2 52	23 5	0 15	7 36	2 42	6 38	0 49	12 49	0 27	20 38	1 26	5 18	5 20	3 8	10 59	0 52
F 9	5 18	19 17	2 51	0 51	4 8	6 39	1 25	26 1	2 52	23 6	0 15	7 34	2 43	6 39	0 49	12 49	0 27	20 38	1 26	5 18	5 21	3 4	10 58	0 52
S 10	4 56	13 16	1 36	0 20	3 59	6 10	1 25	26 3	2 51	23 6	0 15	7 33	2 43	6 40	0 49	12 50	0 27	20 38	1 26	5 18	5 23	3 1	10 58	0 52
S 11	4 33	6 24	0 13	0n14	3 48	5 40	1 25	26 4	2 50	23 6	0 15	7 32	2 43	6 41	0 49	12 50	0 27	20 38	1 26	5 18	5 24	2 57	10 57	0 52
M12	4 10	0n53	1n11	0 49	3 35	5 11	1 25	26 5	2 49	23 6	0 16	7 30	2 43	6 41	0 49	12 51	0 27	20 38	1 26	5 18	5 25	2 54	10 56	0 52
T 13	3 47	8 3	2 30	1 26	3 20	4 42	1 25	26 6	2 48	23 6	0 16	7 29	2 43	6 42	0 49	12 51	0 27	20 38	1 26	5 18	5 26	2 51	10 55	0 51
W14	3 25	14 39	3 37	2 3	3 4	4 12	1 24	26 6	2 48	23 6	0 16	7 28	2 44	6 43	0 49	12 52	0 27	20 38	1 26	5 18	5 28	2 47	10 54	0 51
T 15	3 2	20 17	4 28	2 40	2 46	3 42	1 24	26 7	2 47	23 6	0 16	7 26	2 44	6 44	0 49	12 52	0 27	20 38	1 26	5 18	5 29	2 44	10 54	0 51
F 16	2 38	24 37	5 1	3 15	2 28	3 12	1 24	26 7	2 46	23 6	0 16	7 25	2 44	6 45	0 49	12 53	0 27	20 38	1 26	5 19	5 30	2 40	10 53	0 51
S 17	2 15	27 24	5 16	3 49	2 9	2 42	1 24	26 7	2 45	23 5	0 16	7 23	2 44	6 46	0 49	12 53	0 27	20 38	1 26	5 19	5 31	2 37	10 52	0 51
S 18	1 52	28 33	5 14	4 21	1 49	2 12	1 23	26 8	2 44	23 5	0 16	7 22	2 44	6 47	0 49	12 54	0 27	20 38	1 26	5 19	5 32	2 34	10 51	0 51
M19	1 29	28 7	4 56	4 49	1 29	1 42	1 23	26 7	2 43	23 5	0 16	7 20	2 44	6 48	0 49	12 54	0 27	20 37	1 26	5 19	5 34	2 30	10 50	0 51
T 20	1 6	26 14	4 24	5 14	1 9	1 12	1 22	26 7	2 43	23 5	0 16	7 19	2 45	6 49	0 49	12 55	0 27	20 37	1 26	5 18	5 35	2 27	10 49	0 51
W21	0 43	23 10	3 41	5 35	0 50	0 42	1 21	26 7	2 42	23 5	0 16	7 17	2 45	6 50	0 49	12 55	0 27	20 37	1 26	5 18	5 36	2 23	10 48	0 51
T 22	0 19	19 8	2 49	5 52	0 31	0 12	1 21	26 6	2 41	23 5	0 16	7 16	2 45	6 50	0 49	12 56	0 27	20 37	1 26	5 18	5 37	2 20	10 47	0 51
F 23	0s 4	14 24	1 49	6 4	0 13	0s19	1 20	26 5	2 40	23 5	0 16	7 14	2 45	6 51	0 49	12 56	0 27	20 37	1 26	5 17	5 39	2 16	10 46	0 51
S 24	0 27	9 10	0 46	6 12	0n 4	0 49	1 19	26 4	2 39	23 4	0 16	7 13	2 45	6 52	0 49	12 57	0 27	20 37	1 26	5 17	5 40	2 13	10 45	0 51
S 25	0 51	3 38	0s19	6 15	0 20	1 20	1 18	26 3	2 38	23 4	0 16	7 11	2 45	6 53	0 49	12 57	0 27	20 37	1 26	5 17	5 41	2 10	10 45	0 51
M26	1 14	2s 1	1 23	6 14	0 34	1 50	1 17	26 1	2 37	23 4	0 17	7 9	2 45	6 54	0 49	12 58	0 27	20 37	1 26	5 17	5 42	2 6	10 44	0 51
T 27	1 37	7 37	2 24	6 8	0 48	2 20	1 16	26 0	2 36	23 4	0 17	7 8	2 45	6 55	0 49	12 58	0 27	20 37	1 26	5 18	5 44	2 3	10 43	0 51
W28	2 1	12 59	3 19	5 58	1 0	2 51	1 15	25 58	2 35	23 3	0 17	7 6	2 46	6 56	0 49	12 58	0 27	20 37	1 26	5 19	5 45	1 59	10 42	0 51
T 29	2 24	17 55	4 6	5 43	1 11	3 21	1 14	25 56	2 35	23 3	0 17	7 4	2 46	6 56	0 49	12 59	0 27	20 37	1 26	5 20	5 46	1 56	10 41	0 51
F 30	2s47	22s12	4s42	5n25	1n21	3s51	1n13	25s54	2s34	23s 3	0s17	7n 3	2s46	6s57	0s49	12s59	0s27	20n37	1s26	5s21	5s47	1n52	10n40	0n51

Julian Day Number = 2515340.5, Delta T = 140.23 sec
Ecliptic obliquity = 23°25'09, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°10'52, Lahiri = 26°17'52

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2174
geocentric

OCTOBER 2174 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 39 36	8♎ 0'20	2♐13	20♍42	13♎50	5♑16	13♑15	24°R47	14°R11	26°R47	19♋21	16°R23	15♓15	23♍40	25°R31	S 1
S 2	0 43 32	8°59'15	14°50	22° 3	15° 4	5°55	13°19	24♈42	14♓ 9	26♒46	19°21	16♓20	15°12	23°47	25♈28	S 2
M 3	0 47 29	9°58'11	27°43	23°29	16°19	6°34	13°23	24°38	14° 7	26°45	19°22	16°18	15° 9	23°54	25°26	M 3
T 4	0 51 25	10°57'10	10♑56	24°59	17°34	7°13	13°28	24°33	14° 5	26°44	19°22	16°D18	15° 6	24° 0	25°23	T 4
W 5	0 55 22	11°56'10	24°31	26°33	18°49	7°52	13°33	24°29	14° 3	26°43	19°23	16°18	15° 2	24° 7	25°20	W 5
T 6	0 59 18	12°55'12	8♒29	28° 9	20° 4	8°32	13°38	24°24	14° 1	26°42	19°23	16°20	14°59	24°14	25°18	T 6
F 7	1 3 15	13°54'15	22°49	29°48	21°18	9°12	13°43	24°19	13°59	26°41	19°23	16°21	14°56	24°20	25°15	F 7
S 8	1 7 11	14°53'21	7♓31	1♎29	22°33	9°51	13°48	24°15	13°57	26°40	19°24	16°22	14°53	24°27	25°12	S 8
S 9	1 11 8	15°52'28	22°29	3°11	23°48	10°32	13°54	24°10	13°55	26°39	19°24	16°R22	14°50	24°34	25° 9	S 9
M10	1 15 5	16°51'36	7♈37	4°54	25° 3	11°12	13°59	24° 5	13°53	26°38	19°24	16°21	14°46	24°40	25° 7	M10
T 11	1 19 1	17°50'47	22°44	6°39	26°17	11°52	14° 5	24° 1	13°51	26°37	19°24	16°18	14°43	24°47	25° 4	T 11
W12	1 22 58	18°50'00	7♉42	8°23	27°32	12°32	14°11	23°56	13°50	26°36	19°25	16°14	14°40	24°54	25° 1	W12
T 13	1 26 54	19°49'16	22°23	10° 9	28°47	13°13	14°17	23°51	13°48	26°36	19°25	16° 9	14°37	25° 0	24°58	T 13
F 14	1 30 51	20°48'33	6♊39	11°54	0♏ 2	13°54	14°24	23°47	13°46	26°35	19°25	16° 4	14°34	25° 7	24°55	F 14
S 15	1 34 47	21°47'53	20°27	13°39	1°17	14°35	14°30	23°42	13°44	26°34	19°25	15°59	14°31	25°14	24°53	S 15
S 16	1 38 44	22°47'15	3♋46	15°24	2°32	15°16	14°37	23°37	13°43	26°33	19°25	15°56	14°27	25°20	24°50	S 16
M17	1 42 40	23°46'39	16°39	17° 9	3°46	15°57	14°43	23°32	13°41	26°33	19°25	15°54	14°24	25°27	24°47	M17
T 18	1 46 37	24°46'06	29°10	18°54	5° 1	16°38	14°50	23°28	13°39	26°32	19°25	15°D54	14°21	25°33	24°44	T 18
W19	1 50 34	25°45'35	11♌21	20°38	6°16	17°19	14°57	23°23	13°38	26°31	19°25	15°55	14°18	25°40	24°41	W19
T 20	1 54 30	26°45'06	23°20	22°22	7°31	18° 1	15° 5	23°18	13°36	26°31	19°R25	15°57	14°15	25°47	24°39	T 20
F 21	1 58 27	27°44'39	5♍10	24° 5	8°46	18°42	15°12	23°13	13°35	26°30	19°25	15°58	14°12	25°53	24°36	F 21
S 22	2 2 23	28°44'15	16°57	25°48	10° 1	19°24	15°19	23° 9	13°33	26°30	19°25	15°R59	14° 8	26° 0	24°33	S 22
S 23	2 6 20	29°43'53	28°43	27°30	11°16	20° 6	15°27	23° 4	13°32	26°29	19°25	15°58	14° 5	26° 7	24°30	S 23
M24	2 10 16	0♏43'33	10♎34	29°11	12°30	20°48	15°35	22°59	13°30	26°29	19°25	15°55	14° 2	26°13	24°27	M24
T 25	2 14 13	1°43'15	22°31	0♏52	13°45	21°30	15°43	22°54	13°29	26°28	19°25	15°50	13°59	26°20	24°25	T 25
W26	2 18 9	2°42'59	4♏37	2°33	15° 0	22°12	15°51	22°50	13°28	26°28	19°25	15°42	13°56	26°27	24°22	W26
T 27	2 22 6	3°42'45	16°52	4°12	16°15	22°54	15°59	22°45	13°26	26°27	19°25	15°34	13°52	26°33	24°19	T 27
F 28	2 26 3	4°42'33	29°17	5°52	17°30	23°37	16° 8	22°40	13°25	26°27	19°25	15°24	13°49	26°40	24°16	F 28
S 29	2 29 59	5°42'23	11♐55	7°30	18°45	24°19	16°16	22°36	13°24	26°27	19°24	15°15	13°46	26°47	24°14	S 29
S 30	2 33 56	6°42'15	24°44	9° 8	20° 0	25° 2	16°25	22°31	13°23	26°26	19°24	15° 7	13°43	26°53	24°11	S 30
M31	2 37 52	7♏42'08	7♑46	10♏46	21♏15	25♑45	16♑33	22♈27	13♓22	26♒26	19♋24	15♓ 1	13♓40	27♍ 0	24♈ 8	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3s10	25s34	5s 5	5n 3	1n29	4s21	1n12	25s51	2s33	23s 2	0s17	7n 1	2s46	6s58	0s49	13s 0	0s27	20n37	1s26	5s22	5s48	1n49	10n39	0n50
S 2	3 34	27 46	5 15	4 37	1 36	4 51	1 10	25 49	2 32	23 2	0 17	6 59	2 46	6 59	0 49	13 0	0 27	20 37	1 26	5 23	5 50	1 46	10 37	0 50
M 3	3 57	28 33	5 9	4 9	1 42	5 21	1 9	25 46	2 31	23 2	0 17	6 57	2 46	7 0	0 49	13 0	0 27	20 37	1 26	5 24	5 51	1 42	10 36	0 50
T 4	4 20	27 43	4 46	3 37	1 47	5 51	1 7	25 43	2 30	23 1	0 17	6 56	2 46	7 0	0 49	13 1	0 27	20 37	1 25	5 24	5 52	1 39	10 35	0 50
W 5	4 43	25 16	4 8	3 4	1 50	6 21	1 6	25 40	2 29	23 1	0 17	6 54	2 46	7 1	0 49	13 1	0 27	20 37	1 25	5 24	5 53	1 35	10 34	0 50
T 6	5 6	21 14	3 13	2 28	1 53	6 50	1 4	25 36	2 28	23 0	0 17	6 52	2 46	7 2	0 49	13 1	0 27	20 37	1 25	5 23	5 55	1 32	10 33	0 50
F 7	5 29	15 53	2 6	1 50	1 55	7 20	1 3	25 33	2 27	23 0	0 17	6 51	2 46	7 3	0 49	13 2	0 27	20 37	1 25	5 23	5 56	1 28	10 32	0 50
S 8	5 52	9 29	0 48	1 11	1 55	7 49	1 1	25 29	2 26	22 59	0 17	6 49	2 46	7 3	0 49	13 2	0 27	20 37	1 25	5 22	5 57	1 25	10 31	0 50
S 9	6 14	2 28	0n34	0 30	1 55	8 18	1 0	25 25	2 25	22 59	0 17	6 47	2 46	7 4	0 49	13 2	0 27	20 37	1 25	5 22	5 58	1 21	10 30	0 50
M10	6 37	4n46	1 54	0s12	1 54	8 47	0 58	25 20	2 24	22 58	0 17	6 45	2 46	7 5	0 49	13 3	0 27	20 37	1 25	5 23	5 59	1 18	10 29	0 50
T 11	7 0	11 43	3 6	0 54	1 53	9 16	0 56	25 16	2 23	22 58	0 17	6 44	2 47	7 5	0 48	13 3	0 27	20 37	1 25	5 24	6 1	1 15	10 28	0 50
W12	7 22	17 55	4 5	1 38	1 51	9 45	0 54	25 11	2 22	22 57	0 18	6 42	2 47	7 6	0 48	13 3	0 27	20 37	1 25	5 26	6 2	1 11	10 27	0 50
T 13	7 45	22 57	4 46	2 21	1 48	10 13	0 52	25 6	2 21	22 57	0 18	6 40	2 47	7 7	0 48	13 4	0 27	20 37	1 25	5 28	6 3	1 8	10 26	0 50
F 14	8 7	26 27	5 8	3 6	1 45	10 41	0 51	25 1	2 20	22 56	0 18	6 38	2 47	7 7	0 48	13 4	0 27	20 37	1 25	5 30	6 4	1 4	10 25	0 50
S 15	8 29	28 15	5 11	3 50	1 41	11 9	0 49	24 55	2 19	22 55	0 18	6 37	2 47	7 8	0 48	13 4	0 27	20 37	1 25	5 31	6 6	1 1	10 24	0 50
S 16	8 51	28 19	4 57	4 34	1 37	11 37	0 47	24 50	2 18	22 55	0 18	6 35	2 47	7 9	0 48	13 4	0 27	20 37	1 25	5 33	6 7	0 57	10 22	0 49
M17	9 13	26 49	4 28	5 19	1 32	12 4	0 45	24 44	2 17	22 54	0 18	6 33	2 47	7 9	0 48	13 5	0 27	20 37	1 25	5 33	6 8	0 54	10 21	0 49
T 18	9 35	24 1	3 48	6 3	1 27	12 31	0 43	24 38	2 16	22 53	0 18	6 31	2 47	7 10	0 48	13 5	0 27	20 37	1 25	5 33	6 9	0 51	10 20	0 49
W19	9 57	20 12	2 57	6 47	1 22	12 58	0 40	24 31	2 15	22 53	0 18	6 30	2 47	7 11	0 48	13 5	0 27	20 37	1 25	5 33	6 10	0 47	10 19	0 49
T 20	10 18	15 37	2 0	7 31	1 17	13 24	0 38	24 25	2 14	22 52	0 18	6 28	2 47	7 11	0 48	13 5	0 27	20 37	1 25	5 32	6 12	0 44	10 18	0 49
F 21	10 40	10 31	0 58	8 14	1 11	13 50	0 36	24 18	2 12	22 51	0 18	6 26	2 47	7 12	0 48	13 5	0 27	20 37	1 25	5 32	6 13	0 40	10 17	0 49
S 22	11 1	5 4	0s 5	8 57	1 5	14 16	0 34	24 11	2 11	22 50	0 18	6 24	2 47	7 12	0 48	13 6	0 27	20 37	1 25	5 31	6 14	0 37	10 16	0 49
S 23	11 22	0s33	1 9	9 39	0 59	14 42	0 32	24 4	2 10	22 50	0 18	6 23	2 46	7 13	0 48	13 6	0 27	20 37	1 25	5 32	6 15	0 33	10 15	0 49
M24	11 43	6 10	2 9	10 21	0 53	15 7	0 29	23 56	2 9	22 49	0 18	6 21	2 46	7 13	0 48	13 6	0 27	20 37	1 25	5 33	6 17	0 30	10 14	0 49
T 25	12 4	11 36	3 4	11 3	0 46	15 31	0 27	23 49	2 8	22 48	0 18	6 19	2 46	7 14	0 48	13 6	0 27	20 37	1 25	5 35	6 18	0 27	10 13	0 49
W26	12 24	16 41	3 52	11 43	0 40	15 56	0 25	23 41	2 7	22 47	0 18	6 18	2 46	7 14	0 48	13 6	0 27	20 37	1 25	5 38	6 19	0 23	10 11	0 49
T 27	12 45	21 10	4 29	12 23	0 33	16 20	0 23	23 33	2 6	22 46	0 18	6 16	2 46	7 15	0 48	13 6	0 27	20 37	1 25	5 41	6 20	0 20	10 10	0 49
F 28	13 5	24 46	4 55	13 3	0 27	16 43	0 20	23 24	2 5	22 45	0 18	6 14	2 46	7 15	0 48	13 7	0 27	20 37	1 25	5 45	6 21	0 16	10 9	0 48
S 29	13 25	27 15	5 6	13 41	0 20	17 6	0 18	23 16	2 4	22 44	0 19	6 13	2 46	7 16	0 48	13 7	0 27	20 37	1 25	5 48	6 23	0 13	10 8	0 48
S 30	13 45	28 21	5 2	14 19	0 13	17 29	0 15	23 7	2 3	22 43	0 19	6 11	2 46	7 16	0 48	13 7	0 27	20 37	1 25	5 52	6 24	0 9	10 7	0 48
M31	14s 4	27s54	4s43	14s56	0n 6	17s51	0n13	22s58	2s 2	22s42	0s19	6n10	2s46	7s16	0s48	13s 7	0s27	20n37	1s25	5s54	6s25	0n 6	10n 6	0n48

Julian Day Number = 2515370.5, Delta T = 140.30 sec
Ecliptic obliquity = 23°25'09, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°10'56, Lahiri = 26°17'56

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

NOVEMBER 2174 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 41 49	8♏42'03	21♑ 1	12♏23	22♏29	26♑27	16♑42	22°R22	13°R21	26°R26	19°R24	14°R57	13♓37	27♍ 7	24°R 5	T 1
W 2	2 45 45	9°42'00	4♒33	14° 0	23°44	27°10	16°51	22♈18	13♓20	26♒26	19♋23	14°D56	13°33	27°13	24♈ 3	W 2
T 3	2 49 42	10°41'58	18°20	15°36	24°59	27°53	17° 0	22°14	13°19	26°25	19°23	14♓56	13°30	27°20	24° 0	T 3
F 4	2 53 38	11°41'58	2♓25	17°11	26°14	28°36	17°10	22° 9	13°18	26°25	19°23	14°57	13°27	27°26	23°57	F 4
S 5	2 57 35	12°41'59	16°47	18°47	27°29	29°19	17°19	22° 5	13°17	26°25	19°22	14°R57	13°24	27°33	23°55	S 5
S 6	3 1 32	13°42'02	1♈23	20°21	28°44	0♒ 3	17°29	22° 1	13°16	26°25	19°22	14°56	13°21	27°40	23°52	S 6
M 7	3 5 28	14°42'07	16°10	21°56	29°59	0°46	17°38	21°56	13°15	26°25	19°21	14°52	13°18	27°46	23°50	M 7
T 8	3 9 25	15°42'13	1♉ 1	23°29	1♗14	1°29	17°48	21°52	13°14	26°D25	19°21	14°46	13°14	27°53	23°47	T 8
W 9	3 13 21	16°42'21	15°48	25° 3	2°28	2°13	17°58	21°48	13°14	26°25	19°21	14°38	13°11	28° 0	23°44	W 9
T 10	3 17 18	17°42'31	0♊23	26°36	3°43	2°56	18° 8	21°44	13°13	26°25	19°20	14°28	13° 8	28° 6	23°42	T 10
F 11	3 21 14	18°42'43	14°38	28° 9	4°58	3°40	18°18	21°40	13°13	26°25	19°20	14°17	13° 5	28°13	23°39	F 11
S 12	3 25 11	19°42'57	28°28	29°41	6°13	4°23	18°28	21°36	13°12	26°25	19°19	14° 8	13° 2	28°20	23°37	S 12
S 13	3 29 7	20°43'12	11♋52	1♗13	7°28	5° 7	18°38	21°32	13°11	26°26	19°19	14° 0	12°58	28°26	23°35	S 13
M14	3 33 4	21°43'30	24°49	2°45	8°43	5°51	18°49	21°29	13°11	26°26	19°18	13°54	12°55	28°33	23°32	M14
T 15	3 37 1	22°43'49	7♌23	4°16	9°58	6°35	18°59	21°25	13°11	26°26	19°17	13°51	12°52	28°40	23°30	T 15
W16	3 40 57	23°44'11	19°36	5°47	11°13	7°18	19°10	21°21	13°10	26°26	19°17	13°D49	12°49	28°46	23°27	W16
T 17	3 44 54	24°44'34	1♍35	7°18	12°27	8° 2	19°20	21°18	13°10	26°27	19°16	13°49	12°46	28°53	23°25	T 17
F 18	3 48 50	25°44'59	13°26	8°49	13°42	8°46	19°31	21°14	13°10	26°27	19°15	13°R50	12°43	29° 0	23°23	F 18
S 19	3 52 47	26°45'26	25°12	10°19	14°57	9°30	19°42	21°11	13°10	26°27	19°15	13°49	12°39	29° 6	23°21	S 19
S 20	3 56 43	27°45'55	7♎ 1	11°48	16°12	10°15	19°53	21° 7	13° 9	26°28	19°14	13°47	12°36	29°13	23°18	S 20
M21	4 0 40	28°46'26	18°55	13°18	17°27	10°59	20° 4	21° 4	13° 9	26°28	19°13	13°42	12°33	29°20	23°16	M21
T 22	4 4 36	29°46'58	1♏ 0	14°47	18°42	11°43	20°16	21° 1	13°D 9	26°29	19°13	13°34	12°30	29°26	23°14	T 22
W23	4 8 33	0♗47'32	13°16	16°15	19°57	12°27	20°27	20°58	13° 9	26°29	19°12	13°23	12°27	29°33	23°12	W23
T 24	4 12 30	1°48'08	25°46	17°43	21°11	13°12	20°38	20°55	13° 9	26°30	19°11	13°10	12°24	29°39	23°10	T 24
F 25	4 16 26	2°48'45	8♗31	19°11	22°26	13°56	20°50	20°52	13° 9	26°30	19°10	12°57	12°20	29°46	23° 8	F 25
S 26	4 20 23	3°49'24	21°28	20°38	23°41	14°40	21° 1	20°49	13°10	26°31	19° 9	12°43	12°17	29°53	23° 6	S 26
S 27	4 24 19	4°50'04	4♑39	22° 5	24°56	15°25	21°13	20°46	13°10	26°31	19° 9	12°31	12°14	29°59	23° 4	S 27
M28	4 28 16	5°50'46	18° 0	23°31	26°11	16° 9	21°25	20°44	13°10	26°32	19° 8	12°21	12°11	0♎ 6	23° 2	M28
T 29	4 32 12	6°51'28	1♒31	24°56	27°26	16°54	21°37	20°41	13°10	26°33	19° 7	12°15	12° 8	0°13	23° 0	T 29
W30	4 36 9	7♗52'12	15♒11	26♗20	28♗41	17♒38	21♑48	20♈39	13♓11	26♒34	19♋ 6	12♓11	12♓ 4	0♎19	22♈59	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s23	25s52	4s 8	15s33	0s 0	18s13	0n10	22s49	2s 1	22s41	0s19	6n 8	2s46	7s17	0s48	13s 7	0s27	20n37	1s25	5s55	6s26	0n 3	10n 5	0n48
W 2	14 42	22 20	3 19	16 8	0 7	18 34	0 8	22 40	1 59	22 40	0 19	6 6	2 46	7 17	0 48	13 7	0 27	20 37	1 25	5 56	6 28	0s 1	10 4	0 48
T 3	15 1	17 30	2 18	16 43	0 14	18 54	0 6	22 30	1 58	22 39	0 19	6 5	2 46	7 17	0 48	13 7	0 27	20 37	1 25	5 56	6 29	0 4	10 3	0 48
F 4	15 20	11 38	1 7	17 17	0 20	19 15	0 3	22 20	1 57	22 38	0 19	6 3	2 46	7 18	0 48	13 7	0 27	20 37	1 25	5 56	6 30	0 8	10 2	0 48
S 5	15 38	5 4	0n10	17 50	0 27	19 34	0 1	22 10	1 56	22 37	0 19	6 2	2 45	7 18	0 48	13 7	0 27	20 37	1 25	5 55	6 31	0 11	10 1	0 48
S 6	15 56	1n53	1 27	18 22	0 34	19 53	0s 2	22 0	1 55	22 35	0 19	6 0	2 45	7 18	0 48	13 7	0 27	20 38	1 25	5 56	6 32	0 15	10 0	0 48
M 7	16 14	8 48	2 39	18 53	0 40	20 12	0 4	21 49	1 54	22 34	0 19	5 59	2 45	7 19	0 48	13 7	0 27	20 38	1 25	5 57	6 34	0 18	9 59	0 48
T 8	16 32	15 15	3 40	19 23	0 47	20 30	0 7	21 39	1 53	22 33	0 19	5 58	2 45	7 19	0 48	13 7	0 27	20 38	1 25	6 0	6 35	0 21	9 58	0 47
W 9	16 49	20 48	4 26	19 52	0 53	20 48	0 9	21 28	1 52	22 32	0 19	5 56	2 45	7 19	0 48	13 7	0 27	20 38	1 25	6 3	6 36	0 25	9 56	0 47
T 10	17 6	25 0	4 54	20 21	0 59	21 4	0 12	21 17	1 50	22 31	0 19	5 55	2 45	7 19	0 48	13 7	0 27	20 38	1 25	6 7	6 37	0 28	9 55	0 47
F 11	17 23	27 33	5 3	20 48	1 6	21 21	0 15	21 5	1 49	22 29	0 19	5 54	2 45	7 19	0 47	13 7	0 27	20 38	1 24	6 11	6 39	0 32	9 54	0 47
S 12	17 39	28 19	4 54	21 14	1 12	21 36	0 17	20 54	1 48	22 28	0 19	5 52	2 44	7 20	0 47	13 7	0 27	20 38	1 24	6 14	6 40	0 35	9 53	0 47
S 13	17 55	27 21	4 29	21 39	1 18	21 52	0 20	20 42	1 47	22 27	0 19	5 51	2 44	7 20	0 47	13 7	0 27	20 38	1 24	6 18	6 41	0 39	9 52	0 47
M14	18 11	24 55	3 50	22 3	1 23	22 6	0 22	20 30	1 46	22 25	0 19	5 50	2 44	7 20	0 47	13 7	0 27	20 38	1 24	6 20	6 42	0 42	9 51	0 47
T 15	18 26	21 20	3 1	22 26	1 29	22 20	0 25	20 18	1 45	22 24	0 19	5 48	2 44	7 20	0 47	13 7	0 27	20 38	1 24	6 21	6 43	0 45	9 51	0 47
W16	18 41	16 54	2 5	22 48	1 35	22 33	0 27	20 6	1 44	22 22	0 19	5 47	2 44	7 20	0 47	13 7	0 27	20 39	1 24	6 21	6 45	0 49	9 50	0 47
T 17	18 56	11 54	1 5	23 9	1 40	22 46	0 30	19 53	1 42	22 21	0 20	5 46	2 44	7 20	0 47	13 7	0 27	20 39	1 24	6 21	6 46	0 52	9 49	0 47
F 18	19 11	6 33	0 2	23 29	1 45	22 57	0 32	19 41	1 41	22 19	0 20	5 45	2 43	7 20	0 47	13 6	0 27	20 39	1 24	6 21	6 47	0 56	9 48	0 46
S 19	19 25	0 59	1s 0	23 47	1 50	23 9	0 35	19 28	1 40	22 18	0 20	5 44	2 43	7 20	0 47	13 6	0 27	20 39	1 24	6 22	6 48	0 59	9 47	0 46
S 20	19 39	4s37	2 0	24 4	1 54	23 19	0 37	19 15	1 39	22 16	0 20	5 43	2 43	7 20	0 47	13 6	0 27	20 39	1 24	6 22	6 49	1 2	9 46	0 46
M21	19 52	10 6	2 55	24 20	1 59	23 29	0 39	19 2	1 38	22 15	0 20	5 42	2 43	7 20	0 47	13 6	0 27	20 39	1 24	6 24	6 51	1 6	9 45	0 46
T 22	20 5	15 17	3 42	24 35	2 3	23 38	0 42	18 48	1 37	22 13	0 20	5 41	2 43	7 20	0 47	13 6	0 27	20 39	1 24	6 27	6 52	1 9	9 44	0 46
W23	20 18	19 57	4 20	24 49	2 7	23 46	0 44	18 35	1 36	22 12	0 20	5 40	2 42	7 20	0 47	13 6	0 27	20 39	1 24	6 32	6 53	1 13	9 43	0 46
T 24	20 30	23 49	4 47	25 1	2 10	23 54	0 47	18 21	1 34	22 10	0 20	5 39	2 42	7 20	0 47	13 5	0 27	20 40	1 24	6 36	6 54	1 16	9 42	0 46
F 25	20 42	26 38	4 59	25 12	2 14	24 1	0 49	18 7	1 33	22 8	0 20	5 38	2 42	7 20	0 47	13 5	0 27	20 40	1 24	6 42	6 56	1 20	9 41	0 46
S 26	20 54	28 5	4 57	25 22	2 17	24 7	0 51	17 53	1 32	22 6	0 20	5 37	2 42	7 20	0 47	13 5	0 27	20 40	1 24	6 47	6 57	1 23	9 41	0 46
S 27	21 5	27 59	4 38	25 30	2 19	24 13	0 54	17 39	1 31	22 5	0 20	5 36	2 42	7 20	0 47	13 5	0 27	20 40	1 24	6 51	6 58	1 26	9 40	0 46
M28	21 16	26 15	4 5	25 37	2 22	24 18	0 56	17 25	1 30	22 3	0 20	5 36	2 41	7 20	0 47	13 5	0 27	20 40	1 24	6 55	6 59	1 30	9 39	0 45
T 29	21 26	23 0	3 17	25 43	2 23	24 22	0 58	17 10	1 29	22 1	0 20	5 35	2 41	7 20	0 47	13 4	0 27	20 40	1 24	6 58	7 0	1 33	9 38	0 45
W30	21s36	18s28	2s17	25s47	2s25	24s25	1s 0	16s55	1s28	21s59	0s20	5n34	2s41	7s19	0s47	13s 4	0s27	20n41	1s24	6s59	7s 2	1s37	9n37	0n45

Julian Day Number = 2515401.5, Delta T = 140.37 sec
Ecliptic obliquity = 23°25'08, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°11'00, Lahiri = 26°18'01

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2174
geocentric

DECEMBER 2174 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 40 6	8♐52'56	29♒ 0	27♐43	29♐55	18♒23	22♑ 0	20°R36	13♓11	26♒34	19°R 5	12°R10	12♓ 1	0♎26	22°R57	T 1
F 2	4 44 2	9°53'42	12♓58	29° 5	1♑10	19° 8	22°13	20♈34	13°12	26°35	19♋ 4	12♓10	11°58	0°33	22♈55	F 2
S 3	4 47 59	10°54'28	27° 5	0♑26	2°25	19°52	22°25	20°32	13°12	26°36	19° 3	12° 9	11°55	0°39	22°53	S 3
S 4	4 51 55	11°55'15	11♈20	1°46	3°40	20°37	22°37	20°30	13°13	26°37	19° 2	12° 7	11°52	0°46	22°52	S 4
M 5	4 55 52	12°56'03	25°42	3° 3	4°55	21°22	22°49	20°28	13°13	26°38	19° 1	12° 3	11°49	0°53	22°50	M 5
T 6	4 59 48	13°56'53	10♉ 6	4°19	6° 9	22° 7	23° 2	20°26	13°14	26°39	19° 0	11°56	11°45	0°59	22°49	T 6
W 7	5 3 45	14°57'43	24°28	5°32	7°24	22°52	23°14	20°24	13°15	26°40	18°59	11°45	11°42	1° 6	22°47	W 7
T 8	5 7 41	15°58'34	8♊42	6°43	8°39	23°36	23°27	20°23	13°16	26°41	18°58	11°33	11°39	1°13	22°46	T 8
F 9	5 11 38	16°59'26	22°41	7°51	9°54	24°21	23°39	20°21	13°16	26°42	18°57	11°20	11°36	1°19	22°44	F 9
S 10	5 15 35	18° 0'20	6♋22	8°55	11° 8	25° 6	23°52	20°20	13°17	26°43	18°56	11° 8	11°33	1°26	22°43	S 10
S 11	5 19 31	19° 1'14	19°41	9°56	12°23	25°51	24° 4	20°18	13°18	26°44	18°55	10°58	11°30	1°33	22°42	S 11
M12	5 23 28	20° 2'10	2♌36	10°51	13°38	26°36	24°17	20°17	13°19	26°45	18°54	10°50	11°26	1°39	22°41	M12
T 13	5 27 24	21° 3'06	15°10	11°42	14°53	27°21	24°30	20°16	13°20	26°46	18°53	10°45	11°23	1°46	22°39	T 13
W14	5 31 21	22° 4'04	27°25	12°26	16° 7	28° 6	24°43	20°15	13°21	26°47	18°52	10°42	11°20	1°53	22°38	W14
T 15	5 35 17	23° 5'03	9♍26	13° 4	17°22	28°51	24°56	20°14	13°22	26°49	18°51	10°D42	11°17	1°59	22°37	T 15
F 16	5 39 14	24° 6'02	21°18	13°34	18°37	29°36	25° 9	20°13	13°24	26°50	18°50	10°R42	11°14	2° 6	22°36	F 16
S 17	5 43 10	25° 7'03	3♎ 5	13°56	19°51	0♓21	25°22	20°12	13°25	26°51	18°49	10°42	11°10	2°13	22°35	S 17
S 18	5 47 7	26° 8'05	14°55	14° 8	21° 6	1° 6	25°35	20°12	13°26	26°53	18°47	10°40	11° 7	2°19	22°34	S 18
M19	5 51 4	27° 9'08	26°52	14°R10	22°21	1°51	25°48	20°11	13°27	26°54	18°46	10°36	11° 4	2°26	22°33	M19
T 20	5 55 0	28°10'12	9♏ 0	14° 2	23°35	2°36	26° 1	20°11	13°29	26°55	18°45	10°29	11° 1	2°33	22°33	T 20
W21	5 58 57	29°11'17	21°24	13°42	24°50	3°21	26°15	20°11	13°30	26°57	18°44	10°20	10°58	2°39	22°32	W21
T 22	6 2 53	0♑12'22	4♐ 6	13°10	26° 5	4° 6	26°28	20°10	13°32	26°58	18°43	10° 9	10°55	2°46	22°31	T 22
F 23	6 6 50	1°13'29	17° 7	12°26	27°19	4°51	26°41	20°D10	13°33	27° 0	18°42	9°57	10°51	2°52	22°31	F 23
S 24	6 10 46	2°14'36	0♑25	11°32	28°34	5°36	26°55	20°10	13°35	27° 1	18°40	9°44	10°48	2°59	22°30	S 24
S 25	6 14 43	3°15'43	14° 0	10°28	29°49	6°21	27° 8	20°11	13°36	27° 3	18°39	9°33	10°45	3° 6	22°30	S 25
M26	6 18 39	4°16'51	27°46	9°16	1♒ 3	7° 6	27°22	20°11	13°38	27° 4	18°38	9°24	10°42	3°12	22°29	M26
T 27	6 22 36	5°17'59	11♒43	7°57	2°18	7°51	27°35	20°11	13°40	27° 6	18°37	9°19	10°39	3°19	22°29	T 27
W28	6 26 33	6°19'08	25°44	6°36	3°32	8°36	27°49	20°12	13°42	27° 7	18°36	9°16	10°36	3°26	22°28	W28
T 29	6 30 29	7°20'16	9♓49	5°13	4°47	9°21	28° 3	20°12	13°43	27° 9	18°34	9°D15	10°32	3°32	22°28	T 29
F 30	6 34 26	8°21'25	23°56	3°53	6° 1	10° 7	28°16	20°13	13°45	27°10	18°33	9°15	10°29	3°39	22°28	F 30
S 31	6 38 22	9♑22'33	8♈ 2	2♑37	7♒16	10♓52	28♑30	20♈14	13♓47	27♒12	18♋32	9°R16	10♓26	3♎46	22♈28	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s46	12s54	1s 9	25s50	2s26	24s27	1s 2	16s40	1s26	21s57	0s20	5n33	2s41	7s19	0s47	13s 4	0s27	20n41	1s24	7s 0	7s 3	1s40	9n37	0n45
F 2	21 55	6 37	0n 4	25 51	2 26	24 29	1 4	16 25	1 25	21 56	0 20	5 33	2 40	7 19	0 47	13 4	0 27	20 41	1 24	7 0	7 4	1 43	9 36	0 45
S 3	22 4	0n 2	1 18	25 51	2 26	24 30	1 7	16 10	1 24	21 54	0 20	5 32	2 40	7 19	0 47	13 3	0 27	20 41	1 24	7 0	7 5	1 47	9 35	0 45
S 4	22 12	6 45	2 28	25 50	2 25	24 31	1 9	15 55	1 23	21 52	0 21	5 32	2 40	7 19	0 47	13 3	0 27	20 41	1 24	7 0	7 6	1 50	9 35	0 45
M 5	22 20	13 9	3 28	25 47	2 24	24 30	1 11	15 40	1 22	21 50	0 21	5 31	2 40	7 18	0 47	13 3	0 27	20 41	1 24	7 2	7 8	1 54	9 34	0 45
T 6	22 27	18 52	4 16	25 43	2 22	24 29	1 13	15 24	1 21	21 48	0 21	5 31	2 39	7 18	0 47	13 2	0 27	20 42	1 24	7 5	7 9	1 57	9 33	0 45
W 7	22 34	23 30	4 47	25 37	2 19	24 27	1 14	15 8	1 20	21 46	0 21	5 30	2 39	7 18	0 46	13 2	0 27	20 42	1 24	7 9	7 10	2 1	9 33	0 44
T 8	22 41	26 40	5 0	25 31	2 16	24 24	1 16	14 52	1 18	21 44	0 21	5 30	2 39	7 17	0 46	13 2	0 27	20 42	1 24	7 13	7 11	2 4	9 32	0 44
F 9	22 47	28 7	4 54	25 23	2 12	24 21	1 18	14 36	1 17	21 42	0 21	5 30	2 39	7 17	0 46	13 1	0 27	20 42	1 23	7 18	7 12	2 7	9 31	0 44
S 10	22 53	27 48	4 32	25 13	2 7	24 17	1 20	14 20	1 16	21 39	0 21	5 29	2 38	7 17	0 46	13 1	0 27	20 42	1 23	7 23	7 14	2 11	9 31	0 44
S 11	22 58	25 51	3 55	25 3	2 0	24 12	1 22	14 4	1 15	21 37	0 21	5 29	2 38	7 16	0 46	13 0	0 27	20 42	1 23	7 27	7 15	2 14	9 30	0 44
M12	23 3	22 36	3 7	24 52	1 53	24 6	1 23	13 48	1 14	21 35	0 21	5 29	2 38	7 16	0 46	13 0	0 27	20 43	1 23	7 30	7 16	2 18	9 30	0 44
T 13	23 7	18 21	2 11	24 39	1 45	24 0	1 25	13 31	1 13	21 33	0 21	5 29	2 38	7 15	0 46	13 0	0 27	20 43	1 23	7 32	7 17	2 21	9 29	0 44
W14	23 11	13 27	1 10	24 26	1 36	23 53	1 26	13 15	1 12	21 31	0 21	5 28	2 37	7 15	0 46	12 59	0 27	20 43	1 23	7 33	7 19	2 24	9 28	0 44
T 15	23 14	8 8	0 7	24 12	1 25	23 45	1 28	12 58	1 10	21 28	0 21	5 28	2 37	7 14	0 46	12 59	0 26	20 43	1 23	7 33	7 20	2 28	9 28	0 44
F 16	23 17	2 35	0s56	23 57	1 14	23 36	1 29	12 41	1 9	21 26	0 21	5 28	2 37	7 14	0 46	12 58	0 26	20 43	1 23	7 33	7 21	2 31	9 28	0 43
S 17	23 20	3s 0	1 56	23 42	1 0	23 27	1 31	12 24	1 8	21 24	0 21	5 28	2 37	7 13	0 46	12 58	0 26	20 44	1 23	7 33	7 22	2 35	9 27	0 43
S 18	23 22	8 30	2 51	23 26	0 46	23 17	1 32	12 7	1 7	21 21	0 21	5 28	2 36	7 13	0 46	12 58	0 26	20 44	1 23	7 34	7 23	2 38	9 27	0 43
M19	23 23	13 45	3 39	23 10	0 30	23 6	1 33	11 50	1 6	21 19	0 21	5 28	2 36	7 12	0 46	12 57	0 26	20 44	1 23	7 35	7 25	2 41	9 26	0 43
T 20	23 24	18 34	4 18	22 54	0 13	22 55	1 35	11 33	1 5	21 17	0 22	5 28	2 36	7 12	0 46	12 57	0 26	20 44	1 23	7 38	7 26	2 45	9 26	0 43
W21	23 25	22 42	4 46	22 38	0n 5	22 43	1 36	11 16	1 4	21 14	0 22	5 29	2 36	7 11	0 46	12 56	0 26	20 44	1 23	7 41	7 27	2 48	9 25	0 43
T 22	23 25	25 52	5 0	22 23	0 24	22 30	1 37	10 58	1 3	21 12	0 22	5 29	2 35	7 11	0 46	12 56	0 26	20 45	1 23	7 45	7 28	2 52	9 25	0 43
F 23	23 25	27 46	5 0	22 7	0 43	22 17	1 38	10 41	1 1	21 9	0 22	5 29	2 35	7 10	0 46	12 55	0 26	20 45	1 23	7 50	7 29	2 55	9 25	0 43
S 24	23 24	28 8	4 43	21 52	1 3	22 3	1 39	10 23	1 0	21 7	0 22	5 29	2 35	7 9	0 46	12 55	0 26	20 45	1 23	7 55	7 31	2 58	9 24	0 43
S 25	23 23	26 50	4 10	21 38	1 23	21 48	1 40	10 5	0 59	21 4	0 22	5 30	2 34	7 9	0 46	12 54	0 26	20 45	1 23	7 59	7 32	3 2	9 24	0 42
M26	23 21	23 53	3 22	21 24	1 42	21 32	1 40	9 48	0 58	21 2	0 22	5 30	2 34	7 8	0 46	12 54	0 26	20 46	1 23	8 2	7 33	3 5	9 24	0 42
T 27	23 19	19 31	2 21	21 11	2 0	21 16	1 41	9 30	0 57	20 59	0 22	5 30	2 34	7 7	0 46	12 53	0 26	20 46	1 23	8 4	7 34	3 9	9 24	0 42
W28	23 16	14 3	1 11	20 58	2 17	21 0	1 42	9 12	0 56	20 56	0 22	5 31	2 34	7 7	0 46	12 53	0 26	20 46	1 23	8 5	7 35	3 12	9 23	0 42
T 29	23 13	7 50	0n 3	20 47	2 32	20 43	1 42	8 54	0 55	20 54	0 22	5 31	2 33	7 6	0 46	12 52	0 26	20 46	1 23	8 6	7 37	3 15	9 23	0 42
F 30	23 9	1 13	1 18	20 37	2 44	20 25	1 43	8 36	0 54	20 51	0 22	5 32	2 33	7 5	0 46	12 51	0 26	20 46	1 22	8 6	7 38	3 19	9 23	0 42
S 31	23s 5	5n26	2n28	20s29	2n54	20s 6	1s43	8s18	0s53	20s48	0s22	5n33	2s33	7s 4	0s46	12s51	0s26	20n47	1s22	8s 5	7s39	3s22	9n23	0n42

Julian Day Number = 2515431.5, Delta T = 140.44 sec
Ecliptic obliquity = 23°25'08, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°11'04, Lahiri = 26°18'05

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2175
geocentric

JANUARY 2175 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 42 19	10♑23'41	22♈ 7	1°R28	8♒30	11♓37	28♑44	20♈15	13♓49	27♒14	18°R31	9°R15	10♓23	3♎52	22°R27	S 1
M 2	6 46 15	11°24'50	6♉10	0♑28	9°45	12°22	28°58	20°16	13°51	27°15	18♋29	9♓12	10°20	3°59	22°D27	M 2
T 3	6 50 12	12°25'58	20°10	29♐36	10°59	13° 7	29°11	20°17	13°53	27°17	18°28	9° 7	10°16	4° 6	22♈27	T 3
W 4	6 54 8	13°27'06	4♊ 4	28°55	12°13	13°52	29°25	20°19	13°55	27°19	18°27	9° 0	10°13	4°12	22°27	W 4
T 5	6 58 5	14°28'14	17°49	28°25	13°28	14°37	29°39	20°20	13°57	27°21	18°26	8°51	10°10	4°19	22°28	T 5
F 6	7 2 2	15°29'22	1♋23	28° 5	14°42	15°22	29°53	20°21	13°59	27°23	18°24	8°41	10° 7	4°26	22°28	F 6
S 7	7 5 58	16°30'30	14°42	27°54	15°56	16° 7	0♒ 7	20°23	14° 1	27°24	18°23	8°32	10° 4	4°32	22°28	S 7
S 8	7 9 55	17°31'38	27°45	27°D54	17°10	16°52	0°21	20°25	14° 4	27°26	18°22	8°24	10° 1	4°39	22°28	S 8
M 9	7 13 51	18°32'46	10♌30	28° 1	18°25	17°37	0°35	20°27	14° 6	27°28	18°21	8°18	9°57	4°46	22°29	M 9
T 10	7 17 48	19°33'54	22°58	28°17	19°39	18°22	0°49	20°28	14° 8	27°30	18°19	8°14	9°54	4°52	22°29	T 10
W11	7 21 44	20°35'02	5♍11	28°41	20°53	19° 7	1° 3	20°31	14°10	27°32	18°18	8°D13	9°51	4°59	22°30	W11
T 12	7 25 41	21°36'10	17°11	29°11	22° 7	19°52	1°17	20°33	14°13	27°34	18°17	8°13	9°48	5° 6	22°30	T 12
F 13	7 29 38	22°37'18	29° 3	29°47	23°21	20°37	1°31	20°35	14°15	27°36	18°15	8°14	9°45	5°12	22°31	F 13
S 14	7 33 34	23°38'25	10♎51	0♑28	24°35	21°22	1°45	20°37	14°18	27°38	18°14	8°16	9°42	5°19	22°31	S 14
S 15	7 37 31	24°39'33	22°41	1°14	25°49	22° 7	1°59	20°40	14°20	27°40	18°13	8°R17	9°38	5°26	22°32	S 15
M16	7 41 27	25°40'41	4♏38	2° 5	27° 3	22°52	2°13	20°42	14°23	27°42	18°12	8°16	9°35	5°32	22°33	M16
T 17	7 45 24	26°41'49	16°47	2°59	28°17	23°37	2°27	20°45	14°25	27°44	18°10	8°14	9°32	5°39	22°33	T 17
W18	7 49 20	27°42'56	29°12	3°57	29°31	24°22	2°41	20°48	14°28	27°46	18° 9	8°10	9°29	5°46	22°34	W18
T 19	7 53 17	28°44'04	11♐57	4°58	0♓45	25° 6	2°55	20°51	14°30	27°48	18° 8	8° 4	9°26	5°52	22°35	T 19
F 20	7 57 13	29°45'11	25° 5	6° 2	1°59	25°51	3° 9	20°54	14°33	27°50	18° 7	7°58	9°22	5°59	22°36	F 20
S 21	8 1 10	0♒46'18	8♑36	7° 8	3°13	26°36	3°24	20°57	14°36	27°52	18° 5	7°51	9°19	6° 6	22°37	S 21
S 22	8 5 7	1°47'25	22°28	8°17	4°26	27°21	3°38	21° 0	14°38	27°54	18° 4	7°45	9°16	6°12	22°38	S 22
M23	8 9 3	2°48'31	6♒38	9°28	5°40	28° 6	3°52	21° 3	14°41	27°56	18° 3	7°41	9°13	6°19	22°39	M23
T 24	8 13 0	3°49'36	21° 1	10°40	6°54	28°51	4° 6	21° 6	14°44	27°58	18° 2	7°38	9°10	6°26	22°41	T 24
W25	8 16 56	4°50'40	5♓32	11°55	8° 7	29°35	4°20	21°10	14°47	28° 0	18° 1	7°D37	9° 7	6°32	22°42	W25
T 26	8 20 53	5°51'44	20° 3	13°11	9°21	0♈20	4°34	21°13	14°50	28° 2	17°59	7°37	9° 3	6°39	22°43	T 26
F 27	8 24 49	6°52'46	4♈31	14°28	10°34	1° 5	4°49	21°17	14°52	28° 5	17°58	7°39	9° 0	6°46	22°44	F 27
S 28	8 28 46	7°53'48	18°52	15°47	11°48	1°49	5° 3	21°21	14°55	28° 7	17°57	7°40	8°57	6°52	22°46	S 28
S 29	8 32 42	8°54'48	3♉ 2	17° 7	13° 1	2°34	5°17	21°25	14°58	28° 9	17°56	7°R41	8°54	6°59	22°47	S 29
M30	8 36 39	9°55'48	17° 1	18°28	14°15	3°19	5°31	21°29	15° 1	28°11	17°55	7°41	8°51	7° 6	22°49	M30
T 31	8 40 36	10♒56'46	0♊48	19♑51	15♓28	4♈ 3	5♒45	21♈33	15♓ 4	28♒13	17♋54	7♓40	8♓48	7♎12	22♈50	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s 1	11n50	3n28	20s23	3n 2	19s48	1s44	8s 0	0s52	20s46	0s22	5n33	2s32	7s 4	0s46	12s50	0s26	20n47	1s22	8s 6	7s40	3s26	9n23	0n42
M 2	22 56	17 36	4 16	20 18	3 7	19 28	1 44	7 42	0 50	20 43	0 22	5 34	2 32	7 3	0 45	12 50	0 26	20 47	1 22	8 7	7 41	3 29	9 22	0 41
T 3	22 50	22 24	4 49	20 15	3 10	19 8	1 44	7 23	0 49	20 40	0 23	5 34	2 32	7 2	0 45	12 49	0 26	20 47	1 22	8 9	7 43	3 32	9 22	0 41
W 4	22 44	25 55	5 4	20 14	3 11	18 47	1 44	7 5	0 48	20 37	0 23	5 35	2 32	7 1	0 45	12 48	0 26	20 48	1 22	8 11	7 44	3 36	9 22	0 41
T 5	22 38	27 52	5 2	20 15	3 9	18 26	1 45	6 47	0 47	20 35	0 23	5 36	2 31	7 0	0 45	12 48	0 26	20 48	1 22	8 15	7 45	3 39	9 22	0 41
F 6	22 31	28 7	4 42	20 18	3 7	18 5	1 45	6 28	0 46	20 32	0 23	5 37	2 31	7 0	0 45	12 47	0 26	20 48	1 22	8 18	7 46	3 42	9 22	0 41
S 7	22 24	26 42	4 7	20 22	3 2	17 42	1 44	6 10	0 45	20 29	0 23	5 38	2 31	6 59	0 45	12 47	0 26	20 48	1 22	8 22	7 47	3 46	9 22	0 41
S 8	22 16	23 52	3 20	20 27	2 57	17 20	1 44	5 51	0 44	20 26	0 23	5 39	2 30	6 58	0 45	12 46	0 26	20 48	1 22	8 25	7 49	3 49	9 22	0 41
M 9	22 8	19 54	2 24	20 34	2 50	16 57	1 44	5 33	0 43	20 23	0 23	5 40	2 30	6 57	0 45	12 45	0 26	20 49	1 22	8 27	7 50	3 53	9 22	0 41
T 10	22 0	15 8	1 21	20 42	2 43	16 33	1 44	5 14	0 42	20 20	0 23	5 41	2 30	6 56	0 45	12 45	0 26	20 49	1 22	8 28	7 51	3 56	9 22	0 41
W11	21 51	9 52	0 16	20 50	2 35	16 9	1 43	4 56	0 41	20 17	0 23	5 42	2 30	6 55	0 45	12 44	0 26	20 49	1 22	8 29	7 52	3 59	9 22	0 40
T 12	21 41	4 19	0s48	20 58	2 26	15 45	1 43	4 37	0 40	20 14	0 23	5 43	2 29	6 54	0 45	12 43	0 26	20 49	1 22	8 29	7 53	4 3	9 22	0 40
F 13	21 31	1s19	1 50	21 7	2 18	15 20	1 42	4 19	0 39	20 11	0 23	5 44	2 29	6 53	0 45	12 43	0 26	20 50	1 22	8 28	7 55	4 6	9 22	0 40
S 14	21 21	6 52	2 48	21 17	2 8	14 55	1 42	4 0	0 38	20 8	0 23	5 45	2 29	6 52	0 45	12 42	0 26	20 50	1 22	8 28	7 56	4 9	9 23	0 40
S 15	21 10	12 11	3 38	21 26	1 59	14 29	1 41	3 41	0 37	20 5	0 23	5 46	2 29	6 51	0 45	12 41	0 26	20 50	1 21	8 27	7 57	4 13	9 23	0 40
M16	20 59	17 7	4 19	21 35	1 50	14 3	1 40	3 23	0 36	20 2	0 24	5 47	2 28	6 50	0 45	12 41	0 26	20 50	1 21	8 28	7 58	4 16	9 23	0 40
T 17	20 48	21 27	4 49	21 43	1 40	13 37	1 39	3 4	0 35	19 59	0 24	5 48	2 28	6 49	0 45	12 40	0 26	20 51	1 21	8 29	7 59	4 20	9 23	0 40
W18	20 36	24 57	5 7	21 51	1 30	13 10	1 38	2 45	0 34	19 56	0 24	5 50	2 28	6 48	0 45	12 39	0 26	20 51	1 21	8 30	8 1	4 23	9 23	0 40
T 19	20 24	27 19	5 10	21 59	1 21	12 43	1 37	2 27	0 33	19 53	0 24	5 51	2 27	6 47	0 45	12 39	0 26	20 51	1 21	8 32	8 2	4 26	9 24	0 40
F 20	20 11	28 16	4 57	22 6	1 11	12 15	1 36	2 8	0 32	19 49	0 24	5 52	2 27	6 46	0 45	12 38	0 26	20 51	1 21	8 35	8 3	4 30	9 24	0 39
S 21	19 58	27 35	4 27	22 12	1 2	11 48	1 35	1 49	0 31	19 46	0 24	5 54	2 27	6 45	0 45	12 37	0 26	20 51	1 21	8 37	8 4	4 33	9 24	0 39
S 22	19 45	25 11	3 41	22 17	0 53	11 19	1 33	1 30	0 30	19 43	0 24	5 55	2 27	6 44	0 45	12 36	0 27	20 52	1 21	8 39	8 5	4 36	9 24	0 39
M23	19 31	21 12	2 41	22 22	0 43	10 51	1 32	1 12	0 29	19 40	0 24	5 57	2 26	6 43	0 45	12 36	0 27	20 52	1 21	8 41	8 6	4 40	9 25	0 39
T 24	19 17	15 53	1 29	22 25	0 34	10 23	1 31	0 53	0 28	19 36	0 24	5 58	2 26	6 42	0 45	12 35	0 27	20 52	1 21	8 42	8 8	4 43	9 25	0 39
W25	19 2	9 39	0 11	22 28	0 25	9 54	1 29	0 34	0 27	19 33	0 24	6 0	2 26	6 41	0 45	12 34	0 27	20 52	1 21	8 42	8 9	4 46	9 25	0 39
T 26	18 47	2 54	1n 8	22 30	0 16	9 24	1 27	0 16	0 26	19 30	0 24	6 1	2 26	6 40	0 45	12 34	0 27	20 53	1 21	8 42	8 10	4 50	9 26	0 39
F 27	18 32	3n58	2 22	22 30	0 8	8 55	1 26	0n 3	0 25	19 27	0 25	6 3	2 25	6 38	0 45	12 33	0 27	20 53	1 21	8 42	8 11	4 53	9 26	0 39
S 28	18 17	10 34	3 27	22 30	0s 1	8 26	1 24	0 22	0 24	19 23	0 25	6 4	2 25	6 37	0 45	12 32	0 27	20 53	1 21	8 41	8 12	4 57	9 27	0 39
S 29	18 1	16 34	4 18	22 28	0 9	7 56	1 22	0 40	0 23	19 20	0 25	6 6	2 25	6 36	0 45	12 31	0 27	20 53	1 21	8 41	8 14	5 0	9 27	0 38
M30	17 45	21 36	4 54	22 25	0 17	7 26	1 20	0 59	0 22	19 17	0 25	6 8	2 25	6 35	0 45	12 31	0 27	20 54	1 20	8 41	8 15	5 3	9 28	0 38
T 31	17s28	25n23	5n12	22s22	0s25	6s56	1s18	1n17	0s21	19s13	0s25	6n 9	2s24	6s34	0s45	12s30	0s27	20n54	1s20	8s41	8s16	5s 7	9n28	0n38

Julian Day Number = 2515462.5, Delta T = 140.51 sec
Ecliptic obliquity = 23°25'08, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°11'09, Lahiri = 26°18'09

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2175
geocentric

FEBRUARY 2175 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 44 32	11♒57'43	14♊21	21♉14	16♓41	4♈48	5♒59	21♈37	15♓ 7	28♒15	17°R52	7°R37	8♓44	7♎19	22♈52	W 1
T 2	8 48 29	12°58'39	27°42	22°38	17°54	5°32	6°13	21°41	15°10	28°18	17♋51	7♓33	8°41	7°26	22°54	T 2
F 3	8 52 25	13°59'34	10♋50	24° 3	19° 7	6°17	6°27	21°45	15°13	28°20	17°50	7°30	8°38	7°32	22°55	F 3
S 4	8 56 22	15° 0'27	23°44	25°30	20°20	7° 1	6°42	21°50	15°16	28°22	17°49	7°26	8°35	7°39	22°57	S 4
S 5	9 0 18	16° 1'20	6♌25	26°57	21°33	7°46	6°56	21°54	15°19	28°24	17°48	7°23	8°32	7°46	22°59	S 5
M 6	9 4 15	17° 2'11	18°53	28°25	22°46	8°30	7°10	21°59	15°22	28°27	17°47	7°21	8°28	7°52	23° 1	M 6
T 7	9 8 11	18° 3'01	1♍ 9	29°54	23°59	9°15	7°24	22° 3	15°26	28°29	17°46	7°20	8°25	7°59	23° 3	T 7
W 8	9 12 8	19° 3'50	13°15	1♒23	25°12	9°59	7°38	22° 8	15°29	28°31	17°45	7°D20	8°22	8° 6	23° 5	W 8
T 9	9 16 5	20° 4'38	25°12	2°54	26°24	10°43	7°52	22°13	15°32	28°33	17°44	7°20	8°19	8°12	23° 7	T 9
F 10	9 20 1	21° 5'25	7♎ 3	4°25	27°37	11°28	8° 6	22°18	15°35	28°36	17°43	7°22	8°16	8°19	23° 9	F 10
S 11	9 23 58	22° 6'11	18°51	5°57	28°49	12°12	8°20	22°22	15°38	28°38	17°42	7°23	8°13	8°26	23°11	S 11
S 12	9 27 54	23° 6'56	0♏42	7°30	0♈ 2	12°56	8°34	22°28	15°42	28°40	17°41	7°25	8° 9	8°32	23°13	S 12
M13	9 31 51	24° 7'40	12°38	9° 3	1°14	13°40	8°48	22°33	15°45	28°42	17°40	7°25	8° 6	8°39	23°15	M13
T 14	9 35 47	25° 8'23	24°44	10°38	2°26	14°25	9° 2	22°38	15°48	28°45	17°39	7°R26	8° 3	8°46	23°17	T 14
W15	9 39 44	26° 9'05	7♐ 6	12°13	3°39	15° 9	9°15	22°43	15°51	28°47	17°38	7°26	8° 0	8°52	23°20	W15
T 16	9 43 40	27° 9'45	19°48	13°50	4°51	15°53	9°29	22°48	15°55	28°49	17°37	7°25	7°57	8°59	23°22	T 16
F 17	9 47 37	28°10'25	2♑53	15°27	6° 3	16°37	9°43	22°54	15°58	28°52	17°36	7°24	7°54	9° 6	23°24	F 17
S 18	9 51 34	29°11'04	16°24	17° 4	7°15	17°21	9°57	22°59	16° 1	28°54	17°35	7°23	7°50	9°12	23°27	S 18
S 19	9 55 30	0♓11'41	0♒21	18°43	8°27	18° 5	10°11	23° 5	16° 5	28°56	17°34	7°22	7°47	9°19	23°29	S 19
M20	9 59 27	1°12'17	14°42	20°23	9°38	18°49	10°24	23°10	16° 8	28°58	17°33	7°21	7°44	9°26	23°32	M20
T 21	10 3 23	2°12'51	29°22	22° 3	10°50	19°33	10°38	23°16	16°11	29° 1	17°32	7°21	7°41	9°32	23°34	T 21
W22	10 7 20	3°13'24	14♓15	23°45	12° 2	20°17	10°52	23°22	16°15	29° 3	17°31	7°D21	7°38	9°39	23°37	W22
T 23	10 11 16	4°13'55	29°13	25°27	13°13	21° 1	11° 5	23°28	16°18	29° 5	17°31	7°21	7°34	9°46	23°39	T 23
F 24	10 15 13	5°14'25	14♈ 8	27°10	14°24	21°44	11°19	23°34	16°21	29° 7	17°30	7°21	7°31	9°52	23°42	F 24
S 25	10 19 9	6°14'53	28°52	28°54	15°36	22°28	11°32	23°39	16°25	29°10	17°29	7°21	7°28	9°59	23°45	S 25
S 26	10 23 6	7°15'18	13♉20	0♓40	16°47	23°12	11°46	23°45	16°28	29°12	17°28	7°R21	7°25	10° 5	23°47	S 26
M27	10 27 3	8°15'43	27°28	2°26	17°58	23°56	11°59	23°52	16°32	29°14	17°28	7°21	7°22	10°12	23°50	M27
T 28	10 30 59	9♓16'05	11♊15	4♓13	19♈ 9	24♈39	12♒13	23♈58	16♓35	29♒17	17♋27	7°D21	7♓19	10♎19	23♈53	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17s11	27n40	5n12	22s16	0s32	6s25	1s16	1n36	0s20	19s10	0s25	6n11	2s24	6s33	0s45	12s29	0s27	20n54	1s20	8s42	8s17	5s10	9n29	0n38
T 2	16 54	28 19	4 55	22 10	0 39	5 55	1 14	1 54	0 19	19 6	0 25	6 13	2 24	6 31	0 45	12 28	0 27	20 54	1 20	8 44	8 18	5 13	9 29	0 38
F 3	16 37	27 20	4 23	22 3	0 47	5 24	1 12	2 13	0 18	19 3	0 25	6 15	2 24	6 30	0 45	12 28	0 27	20 54	1 20	8 45	8 20	5 17	9 30	0 38
S 4	16 19	24 54	3 38	21 54	0 53	4 53	1 9	2 31	0 17	19 0	0 25	6 17	2 23	6 29	0 45	12 27	0 27	20 55	1 20	8 46	8 21	5 20	9 30	0 38
S 5	16 1	21 16	2 42	21 44	1 0	4 22	1 7	2 50	0 16	18 56	0 25	6 19	2 23	6 28	0 45	12 26	0 27	20 55	1 20	8 48	8 22	5 23	9 31	0 38
M 6	15 43	16 44	1 40	21 33	1 6	3 51	1 4	3 8	0 15	18 53	0 25	6 20	2 23	6 27	0 45	12 25	0 27	20 55	1 20	8 48	8 23	5 27	9 31	0 38
T 7	15 24	11 35	0 34	21 20	1 12	3 20	1 2	3 26	0 15	18 49	0 26	6 22	2 23	6 25	0 45	12 24	0 27	20 55	1 20	8 49	8 24	5 30	9 32	0 38
W 8	15 6	6 4	0s33	21 6	1 18	2 49	0 59	3 45	0 14	18 46	0 26	6 24	2 23	6 24	0 45	12 24	0 27	20 56	1 20	8 49	8 26	5 33	9 33	0 37
T 9	14 47	0 25	1 37	20 51	1 24	2 18	0 57	4 3	0 13	18 42	0 26	6 26	2 22	6 23	0 44	12 23	0 27	20 56	1 20	8 48	8 27	5 37	9 33	0 37
F 10	14 27	5s12	2 37	20 35	1 29	1 46	0 54	4 21	0 12	18 39	0 26	6 28	2 22	6 22	0 44	12 22	0 27	20 56	1 20	8 48	8 28	5 40	9 34	0 37
S 11	14 8	10 37	3 30	20 17	1 34	1 15	0 51	4 39	0 11	18 35	0 26	6 30	2 22	6 20	0 44	12 21	0 27	20 56	1 20	8 47	8 29	5 43	9 35	0 37
S 12	13 48	15 40	4 14	19 58	1 38	0 43	0 48	4 57	0 10	18 32	0 26	6 32	2 22	6 19	0 44	12 21	0 27	20 56	1 19	8 47	8 30	5 47	9 35	0 37
M13	13 28	20 11	4 48	19 38	1 43	0 12	0 45	5 15	0 9	18 28	0 26	6 34	2 21	6 18	0 44	12 20	0 27	20 57	1 19	8 47	8 31	5 50	9 36	0 37
T 14	13 8	23 56	5 9	19 16	1 47	0n20	0 42	5 33	0 8	18 24	0 26	6 37	2 21	6 17	0 44	12 19	0 27	20 57	1 19	8 46	8 33	5 53	9 37	0 37
W15	12 47	26 41	5 17	18 53	1 50	0 51	0 39	5 51	0 7	18 21	0 26	6 39	2 21	6 15	0 44	12 18	0 27	20 57	1 19	8 47	8 34	5 57	9 37	0 37
T 16	12 27	28 10	5 10	18 29	1 54	1 22	0 36	6 9	0 7	18 17	0 27	6 41	2 21	6 14	0 44	12 17	0 27	20 57	1 19	8 47	8 35	6 0	9 38	0 37
F 17	12 6	28 10	4 46	18 3	1 57	1 54	0 33	6 26	0 6	18 14	0 27	6 43	2 21	6 13	0 44	12 17	0 27	20 57	1 19	8 47	8 36	6 3	9 39	0 36
S 18	11 45	26 30	4 7	17 36	1 59	2 25	0 29	6 44	0 5	18 10	0 27	6 45	2 20	6 11	0 44	12 16	0 27	20 58	1 19	8 48	8 37	6 7	9 40	0 36
S 19	11 24	23 10	3 11	17 8	2 2	2 57	0 26	7 1	0 4	18 7	0 27	6 47	2 20	6 10	0 44	12 15	0 27	20 58	1 19	8 48	8 39	6 10	9 41	0 36
M20	11 2	18 22	2 3	16 38	2 4	3 28	0 23	7 19	0 3	18 3	0 27	6 50	2 20	6 9	0 44	12 14	0 27	20 58	1 19	8 48	8 40	6 13	9 41	0 36
T 21	10 41	12 23	0 44	16 7	2 5	3 59	0 19	7 36	0 2	17 59	0 27	6 52	2 20	6 8	0 44	12 14	0 27	20 58	1 19	8 48	8 41	6 17	9 42	0 36
W22	10 19	5 36	0n38	15 35	2 6	4 30	0 16	7 54	0 2	17 56	0 27	6 54	2 20	6 6	0 44	12 13	0 27	20 58	1 19	8 48	8 42	6 20	9 43	0 36
T 23	9 57	1n30	1 59	15 1	2 7	5 2	0 12	8 11	0 1	17 52	0 27	6 57	2 19	6 5	0 44	12 12	0 27	20 59	1 19	8 48	8 43	6 23	9 44	0 36
F 24	9 35	8 30	3 11	14 26	2 7	5 33	0 9	8 28	0n 0	17 49	0 27	6 59	2 19	6 4	0 44	12 11	0 27	20 59	1 18	8 48	8 44	6 27	9 45	0 36
S 25	9 13	14 56	4 9	13 50	2 7	6 3	0 5	8 45	0 1	17 45	0 28	7 1	2 19	6 2	0 44	12 10	0 27	20 59	1 18	8 48	8 46	6 30	9 46	0 36
S 26	8 50	20 26	4 50	13 12	2 7	6 34	0 1	9 2	0 2	17 41	0 28	7 4	2 19	6 1	0 44	12 10	0 27	20 59	1 18	8 48	8 47	6 33	9 47	0 36
M27	8 28	24 39	5 13	12 33	2 6	7 5	0n 2	9 19	0 3	17 38	0 28	7 6	2 19	6 0	0 44	12 9	0 27	20 59	1 18	8 48	8 48	6 36	9 48	0 36
T 28	8s 5	27n20	5n17	11s53	2s 4	7n35	0n 6	9n36	0n 3	17s34	0s28	7n 8	2s19	5s58	0s44	12s 8	0s27	20n59	1s18	8s48	8s49	6s40	9n49	0n35

Julian Day Number = 2515493.5, Delta T = 140.58 sec
Ecliptic obliquity = 23°25'08, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°11'13, Lahiri = 26°18'13

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2175
geocentric

MARCH 2175 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 34 56	10♓16'25	24♊42	6♓ 1	20♈20	25♈23	12♒26	24♈ 4	16♓39	29♒19	17°R26	7♓21	7♓15	10♎26	23♈56	W 1
T 2	10 38 52	11°16'43	7♋49	7°50	21°30	26° 7	12°40	24°10	16°42	29°21	17♋25	7°22	7°12	10°32	23°59	T 2
F 3	10 42 49	12°16'59	20°38	9°40	22°41	26°50	12°53	24°16	16°45	29°23	17°25	7°22	7° 9	10°39	24° 2	F 3
S 4	10 46 45	13°17'13	3♌13	11°31	23°51	27°34	13° 6	24°23	16°49	29°26	17°24	7°23	7° 6	10°46	24° 5	S 4
S 5	10 50 42	14°17'25	15°35	13°23	25° 2	28°17	13°19	24°29	16°52	29°28	17°23	7°23	7° 3	10°52	24° 8	S 5
M 6	10 54 38	15°17'36	27°47	15°16	26°12	29° 1	13°32	24°36	16°56	29°30	17°23	7°24	6°59	10°59	24°11	M 6
T 7	10 58 35	16°17'44	9♍50	17° 9	27°22	29°44	13°45	24°42	16°59	29°32	17°22	7°R24	6°56	11° 6	24°14	T 7
W 8	11 2 32	17°17'50	21°47	19° 4	28°32	0♉27	13°58	24°49	17° 3	29°34	17°22	7°23	6°53	11°12	24°17	W 8
T 9	11 6 28	18°17'55	3♎39	20°59	29°41	1°11	14°11	24°55	17° 6	29°37	17°21	7°23	6°50	11°19	24°20	T 9
F 10	11 10 25	19°17'58	15°29	22°55	0♉51	1°54	14°24	25° 2	17° 9	29°39	17°21	7°21	6°47	11°26	24°23	F 10
S 11	11 14 21	20°17'59	27°18	24°52	2° 1	2°37	14°37	25° 9	17°13	29°41	17°20	7°19	6°44	11°32	24°26	S 11
S 12	11 18 18	21°17'58	9♏10	26°49	3°10	3°20	14°50	25°15	17°16	29°43	17°20	7°17	6°40	11°39	24°29	S 12
M13	11 22 14	22°17'56	21° 8	28°46	4°19	4° 3	15° 3	25°22	17°20	29°45	17°19	7°15	6°37	11°46	24°32	M13
T 14	11 26 11	23°17'52	3♐15	0♈44	5°28	4°46	15°15	25°29	17°23	29°47	17°19	7°13	6°34	11°52	24°36	T 14
W15	11 30 7	24°17'47	15°34	2°41	6°37	5°30	15°28	25°36	17°27	29°49	17°18	7°12	6°31	11°59	24°39	W15
T 16	11 34 4	25°17'40	28°11	4°38	7°46	6°13	15°40	25°43	17°30	29°52	17°18	7°D12	6°28	12° 6	24°42	T 16
F 17	11 38 1	26°17'31	11♑10	6°35	8°54	6°56	15°53	25°50	17°33	29°54	17°18	7°13	6°25	12°12	24°45	F 17
S 18	11 41 57	27°17'20	24°32	8°30	10° 3	7°38	16° 5	25°57	17°37	29°56	17°17	7°14	6°21	12°19	24°49	S 18
S 19	11 45 54	28°17'08	8♒21	10°24	11°11	8°21	16°17	26° 4	17°40	29°58	17°17	7°15	6°18	12°26	24°52	S 19
M20	11 49 50	29°16'54	22°38	12°17	12°19	9° 4	16°30	26°11	17°44	29°59	17°17	7°16	6°15	12°32	24°55	M20
T 21	11 53 47	0♈16'38	7♓18	14° 7	13°27	9°47	16°42	26°18	17°47	0♓ 2	17°17	7°R17	6°12	12°39	24°59	T 21
W22	11 57 43	1°16'21	22°19	15°54	14°34	10°30	16°54	26°25	17°50	0° 4	17°16	7°16	6° 9	12°46	25° 2	W22
T 23	12 1 40	2°16'01	7♈30	17°39	15°42	11°13	17° 6	26°32	17°54	0° 6	17°16	7°15	6° 5	12°52	25° 6	T 23
F 24	12 5 36	3°15'39	22°44	19°20	16°49	11°55	17°18	26°40	17°57	0° 8	17°16	7°12	6° 2	12°59	25° 9	F 24
S 25	12 9 33	4°15'16	7♉49	20°57	17°56	12°38	17°30	26°47	18° 0	0°10	17°16	7° 8	5°59	13° 6	25°13	S 25
S 26	12 13 30	5°14'50	22°37	22°30	19° 3	13°21	17°41	26°54	18° 4	0°12	17°16	7° 4	5°56	13°12	25°16	S 26
M27	12 17 26	6°14'22	7♊ 1	23°57	20°10	14° 3	17°53	27° 1	18° 7	0°14	17°16	7° 0	5°53	13°19	25°20	M27
T 28	12 21 23	7°13'51	20°58	25°20	21°16	14°46	18° 5	27° 9	18°10	0°16	17°15	6°58	5°50	13°26	25°23	T 28
W29	12 25 19	8°13'19	4♋28	26°37	22°23	15°28	18°16	27°16	18°14	0°18	17°15	6°D57	5°46	13°32	25°27	W29
T 30	12 29 16	9°12'44	17°33	27°48	23°29	16°11	18°28	27°23	18°17	0°20	17°15	6°57	5°43	13°39	25°30	T 30
F 31	12 33 12	10♈12'06	0♌16	28♈53	24♉35	16♉53	18♒39	27♈31	18♓20	0♓21	17°D15	6♓58	5♓40	13♎46	25♈34	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	7s43	28n22	5n 3	11s12	2s 2	8n 5	0n10	9n52	0n 4	17s30	0s28	7n11	2s18	5s57	0s44	12s 7	0s27	21n 0	1s18	8s48	8s50	6s43	9n50	0n35
T 2	7 20	27 45	4 34	10 29	2 0	8 35	0 14	10 9	0 5	17 27	0 28	7 13	2 18	5 56	0 44	12 7	0 27	21 0	1 18	8 48	8 52	6 46	9 50	0 35
F 3	6 57	25 39	3 52	9 45	1 57	9 5	0 18	10 25	0 6	17 23	0 28	7 16	2 18	5 54	0 44	12 6	0 27	21 0	1 18	8 48	8 53	6 50	9 51	0 35
S 4	6 34	22 19	2 59	9 0	1 54	9 35	0 22	10 42	0 6	17 19	0 28	7 18	2 18	5 53	0 44	12 5	0 27	21 0	1 18	8 48	8 54	6 53	9 52	0 35
S 5	6 11	18 2	1 58	8 13	1 50	10 5	0 26	10 58	0 7	17 16	0 29	7 21	2 18	5 52	0 44	12 4	0 27	21 0	1 18	8 47	8 55	6 56	9 53	0 35
M 6	5 47	13 4	0 53	7 25	1 45	10 34	0 30	11 14	0 8	17 12	0 29	7 23	2 18	5 50	0 44	12 3	0 27	21 0	1 18	8 47	8 56	7 0	9 54	0 35
T 7	5 24	7 40	0s14	6 37	1 40	11 3	0 34	11 30	0 9	17 9	0 29	7 26	2 17	5 49	0 44	12 3	0 27	21 1	1 18	8 47	8 57	7 3	9 56	0 35
W 8	5 1	2 3	1 19	5 47	1 35	11 32	0 38	11 46	0 10	17 5	0 29	7 28	2 17	5 48	0 44	12 2	0 27	21 1	1 17	8 47	8 59	7 6	9 57	0 35
T 9	4 37	3s36	2 21	4 56	1 29	12 0	0 42	12 2	0 10	17 1	0 29	7 31	2 17	5 46	0 44	12 1	0 27	21 1	1 17	8 48	9 0	7 9	9 58	0 35
F 10	4 14	9 6	3 16	4 4	1 22	12 29	0 46	12 18	0 11	16 58	0 29	7 33	2 17	5 45	0 44	12 0	0 27	21 1	1 17	8 48	9 1	7 13	9 59	0 34
S 11	3 50	14 16	4 3	3 11	1 15	12 57	0 50	12 33	0 12	16 54	0 29	7 36	2 17	5 44	0 44	12 0	0 27	21 1	1 17	8 49	9 2	7 16	10 0	0 34
S 12	3 27	18 57	4 39	2 17	1 7	13 24	0 54	12 49	0 12	16 51	0 29	7 38	2 17	5 42	0 44	11 59	0 27	21 1	1 17	8 50	9 3	7 19	10 1	0 34
M13	3 3	22 54	5 4	1 23	0 58	13 52	0 58	13 4	0 13	16 47	0 30	7 41	2 17	5 41	0 44	11 58	0 27	21 2	1 17	8 50	9 4	7 23	10 2	0 34
T 14	2 40	25 56	5 15	0 28	0 49	14 19	1 2	13 19	0 14	16 43	0 30	7 44	2 16	5 40	0 44	11 57	0 27	21 2	1 17	8 51	9 6	7 26	10 3	0 34
W15	2 16	27 49	5 13	0n28	0 40	14 46	1 6	13 34	0 15	16 40	0 30	7 46	2 16	5 38	0 44	11 57	0 27	21 2	1 17	8 51	9 7	7 29	10 4	0 34
T 16	1 52	28 20	4 55	1 23	0 30	15 12	1 11	13 49	0 15	16 36	0 30	7 49	2 16	5 37	0 44	11 56	0 27	21 2	1 17	8 52	9 8	7 32	10 5	0 34
F 17	1 28	27 18	4 22	2 19	0 19	15 38	1 15	14 4	0 16	16 33	0 30	7 51	2 16	5 36	0 44	11 55	0 27	21 2	1 17	8 51	9 9	7 36	10 6	0 34
S 18	1 5	24 43	3 35	3 15	0 8	16 4	1 19	14 19	0 17	16 29	0 30	7 54	2 16	5 34	0 44	11 55	0 27	21 2	1 17	8 51	9 10	7 39	10 8	0 34
S 19	0 41	20 37	2 33	4 10	0n 3	16 29	1 23	14 33	0 17	16 26	0 30	7 57	2 16	5 33	0 44	11 54	0 27	21 2	1 16	8 50	9 11	7 42	10 9	0 34
M20	0 17	15 13	1 20	5 5	0 15	16 54	1 27	14 48	0 18	16 22	0 31	7 59	2 16	5 32	0 44	11 53	0 27	21 2	1 16	8 50	9 13	7 45	10 10	0 34
T 21	0n 7	8 49	0n 0	5 59	0 27	17 19	1 32	15 2	0 19	16 18	0 31	8 2	2 16	5 30	0 44	11 52	0 27	21 3	1 16	8 50	9 14	7 49	10 11	0 34
W22	0 30	1 48	1 22	6 52	0 40	17 43	1 36	15 16	0 19	16 15	0 31	8 5	2 16	5 29	0 44	11 52	0 27	21 3	1 16	8 50	9 15	7 52	10 12	0 33
T 23	0 54	5n24	2 39	7 43	0 52	18 7	1 40	15 30	0 20	16 11	0 31	8 7	2 15	5 28	0 44	11 51	0 27	21 3	1 16	8 51	9 16	7 55	10 13	0 33
F 24	1 18	12 18	3 44	8 33	1 4	18 31	1 44	15 44	0 21	16 8	0 31	8 10	2 15	5 26	0 44	11 50	0 27	21 3	1 16	8 52	9 17	7 59	10 15	0 33
S 25	1 41	18 25	4 34	9 22	1 17	18 54	1 48	15 57	0 21	16 5	0 31	8 13	2 15	5 25	0 44	11 50	0 27	21 3	1 16	8 53	9 19	8 2	10 16	0 33
S 26	2 5	23 18	5 4	10 8	1 29	19 16	1 52	16 11	0 22	16 1	0 32	8 15	2 15	5 24	0 44	11 49	0 27	21 3	1 16	8 55	9 20	8 5	10 17	0 33
M27	2 29	26 37	5 13	10 52	1 41	19 38	1 56	16 24	0 23	15 58	0 32	8 18	2 15	5 22	0 44	11 48	0 27	21 3	1 16	8 56	9 21	8 8	10 18	0 33
T 28	2 52	28 10	5 4	11 33	1 53	20 0	2 0	16 37	0 23	15 54	0 32	8 21	2 15	5 21	0 44	11 48	0 27	21 3	1 16	8 57	9 22	8 12	10 19	0 33
W29	3 16	27 59	4 38	12 12	2 5	20 21	2 4	16 50	0 24	15 51	0 32	8 24	2 15	5 20	0 44	11 47	0 27	21 3	1 16	8 57	9 23	8 15	10 21	0 33
T 30	3 39	26 12	3 58	12 47	2 16	20 42	2 8	17 3	0 25	15 47	0 32	8 26	2 15	5 19	0 44	11 46	0 27	21 4	1 15	8 57	9 24	8 18	10 22	0 33
F 31	4n 2	23n 8	3n 8	13n20	2n26	21n 2	2n12	17n16	0n25	15s44	0s32	8n29	2s15	5s17	0s44	11s46	0s27	21n 4	1s15	8s57	9s26	8s21	10n23	0n33

Julian Day Number = 2515521.5, Delta T = 140.64 sec
Ecliptic obliquity = 23°25'08, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°11'17, Lahiri = 26°18'17

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2175
geocentric

APRIL 2175 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 37 9	11♈11'26	12♌40	29♈51	25♉40	17♉35	18♒50	27♈38	18♓23	0♓23	17♋15	7♓ 0	5♓37	13♎52	25♈37	S 1
S 2	12 41 5	12°10'44	24°51	0♉42	26°45	18°18	19° 1	27°46	18°27	0°25	17°15	7° 2	5°34	13°59	25°41	S 2
M 3	12 45 2	13°10'00	6♍51	1°27	27°50	19° 0	19°13	27°53	18°30	0°27	17°15	7°R 2	5°31	14° 6	25°44	M 3
T 4	12 48 59	14° 9'13	18°45	2° 4	28°55	19°42	19°24	28° 1	18°33	0°29	17°15	7° 2	5°27	14°12	25°48	T 4
W 5	12 52 55	15° 8'25	0♎36	2°34	29°59	20°24	19°34	28° 8	18°36	0°30	17°16	6°59	5°24	14°19	25°52	W 5
T 6	12 56 52	16° 7'34	12°25	2°57	1♊ 4	21° 7	19°45	28°16	18°39	0°32	17°16	6°55	5°21	14°26	25°55	T 6
F 7	13 0 48	17° 6'41	24°15	3°13	2° 8	21°49	19°56	28°23	18°43	0°34	17°16	6°48	5°18	14°32	25°59	F 7
S 8	13 4 45	18° 5'46	6♏ 8	3°22	3°12	22°31	20° 6	28°31	18°46	0°36	17°16	6°41	5°15	14°39	26° 3	S 8
S 9	13 8 41	19° 4'49	18° 5	3°R24	4°15	23°13	20°17	28°38	18°49	0°37	17°16	6°33	5°11	14°46	26° 6	S 9
M10	13 12 38	20° 3'51	0♐ 9	3°19	5°18	23°55	20°27	28°46	18°52	0°39	17°16	6°25	5° 8	14°52	26°10	M10
T 11	13 16 34	21° 2'50	12°21	3° 7	6°21	24°37	20°37	28°53	18°55	0°41	17°17	6°18	5° 5	14°59	26°14	T 11
W12	13 20 31	22° 1'48	24°44	2°50	7°23	25°19	20°48	29° 1	18°58	0°42	17°17	6°13	5° 2	15° 6	26°17	W12
T 13	13 24 27	23° 0'44	7♑21	2°27	8°25	26° 0	20°58	29° 9	19° 1	0°44	17°17	6° 9	4°59	15°12	26°21	T 13
F 14	13 28 24	23°59'38	20°15	1°58	9°27	26°42	21° 8	29°16	19° 4	0°45	17°18	6°D 8	4°56	15°19	26°25	F 14
S 15	13 32 21	24°58'31	3♒30	1°26	10°29	27°24	21°17	29°24	19° 7	0°47	17°18	6° 8	4°52	15°26	26°28	S 15
S 16	13 36 17	25°57'22	17° 9	0°49	11°30	28° 6	21°27	29°32	19°10	0°48	17°18	6° 9	4°49	15°32	26°32	S 16
M17	13 40 14	26°56'11	1♓12	0°10	12°30	28°47	21°37	29°39	19°13	0°50	17°19	6°R10	4°46	15°39	26°36	M17
T 18	13 44 10	27°54'58	15°41	29♈28	13°31	29°29	21°46	29°47	19°15	0°51	17°19	6°10	4°43	15°46	26°39	T 18
W19	13 48 7	28°53'43	0♈33	28°45	14°31	0♊11	21°56	29°54	19°18	0°53	17°20	6° 8	4°40	15°52	26°43	W19
T 20	13 52 3	29°52'27	15°40	28° 1	15°30	0°52	22° 5	0♉ 2	19°21	0°54	17°20	6° 3	4°36	15°59	26°47	T 20
F 21	13 56 0	0♉51'09	0♉55	27°17	16°29	1°34	22°14	0°10	19°24	0°55	17°20	5°56	4°33	16° 6	26°50	F 21
S 22	13 59 56	1°49'49	16° 6	26°35	17°28	2°15	22°23	0°17	19°27	0°57	17°21	5°48	4°30	16°13	26°54	S 22
S 23	14 3 53	2°48'27	1♊ 4	25°54	18°26	2°57	22°32	0°25	19°29	0°58	17°21	5°39	4°27	16°19	26°58	S 23
M24	14 7 50	3°47'03	15°40	25°16	19°24	3°38	22°41	0°33	19°32	0°59	17°22	5°31	4°24	16°26	27° 1	M24
T 25	14 11 46	4°45'37	29°47	24°40	20°21	4°20	22°49	0°40	19°35	1° 1	17°23	5°25	4°21	16°33	27° 5	T 25
W26	14 15 43	5°44'09	13♋25	24° 9	21°18	5° 1	22°58	0°48	19°37	1° 2	17°23	5°20	4°17	16°39	27° 8	W26
T 27	14 19 39	6°42'38	26°35	23°41	22°14	5°42	23° 6	0°56	19°40	1° 3	17°24	5°18	4°14	16°46	27°12	T 27
F 28	14 23 36	7°41'06	9♌19	23°17	23°10	6°24	23°14	1° 3	19°43	1° 4	17°24	5°D17	4°11	16°53	27°16	F 28
S 29	14 27 32	8°39'31	21°42	22°58	24° 5	7° 5	23°22	1°11	19°45	1° 5	17°25	5°18	4° 8	16°59	27°19	S 29
S 30	14 31 29	9♉37'54	3♍49	22♈44	25♊ 0	7♊46	23♒30	1♉18	19♓48	1♓ 7	17♋26	5°R18	4♓ 5	17♎ 6	27♈23	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n25	19n 4	2n 9	13n50	2n35	21n22	2n16	17n29	0n26	15s41	0s32	8n32	2s15	5s16	0s44	11s45	0s27	21n 4	1s15	8s56	9s27	8s24	10n24	0n33
S 2	4 49	14 16	1 6	14 16	2 44	21 41	2 20	17 41	0 26	15 37	0 33	8 34	2 15	5 15	0 44	11 45	0 27	21 4	1 15	8 55	9 28	8 28	10 25	0 33
M 3	5 12	9 0	0 1	14 39	2 51	22 0	2 24	17 53	0 27	15 34	0 33	8 37	2 15	5 14	0 44	11 44	0 27	21 4	1 15	8 55	9 29	8 31	10 27	0 32
T 4	5 35	3 28	1s 3	14 58	2 58	22 19	2 28	18 5	0 28	15 31	0 33	8 40	2 14	5 12	0 44	11 43	0 27	21 4	1 15	8 55	9 30	8 34	10 28	0 32
W 5	5 58	2s 9	2 5	15 14	3 4	22 36	2 32	18 17	0 28	15 28	0 33	8 43	2 14	5 11	0 44	11 43	0 27	21 4	1 15	8 56	9 31	8 37	10 29	0 32
T 6	6 20	7 40	3 0	15 26	3 8	22 54	2 36	18 29	0 29	15 24	0 33	8 45	2 14	5 10	0 44	11 42	0 27	21 4	1 15	8 58	9 33	8 41	10 30	0 32
F 7	6 43	12 56	3 48	15 34	3 11	23 10	2 39	18 41	0 29	15 21	0 34	8 48	2 14	5 9	0 45	11 41	0 27	21 4	1 15	9 0	9 34	8 44	10 32	0 32
S 8	7 5	17 44	4 26	15 38	3 13	23 26	2 43	18 52	0 30	15 18	0 34	8 51	2 14	5 8	0 45	11 41	0 27	21 4	1 15	9 3	9 35	8 47	10 33	0 32
S 9	7 28	21 53	4 53	15 39	3 13	23 42	2 46	19 3	0 31	15 15	0 34	8 53	2 14	5 6	0 45	11 40	0 27	21 4	1 15	9 6	9 36	8 50	10 34	0 32
M10	7 50	25 9	5 7	15 36	3 12	23 57	2 50	19 14	0 31	15 12	0 34	8 56	2 14	5 5	0 45	11 40	0 28	21 4	1 14	9 9	9 37	8 54	10 35	0 32
T 11	8 12	27 19	5 7	15 30	3 9	24 12	2 53	19 25	0 32	15 9	0 34	8 59	2 14	5 4	0 45	11 39	0 28	21 4	1 14	9 12	9 38	8 57	10 37	0 32
W12	8 34	28 11	4 53	15 20	3 4	24 26	2 57	19 36	0 32	15 6	0 34	9 2	2 14	5 3	0 45	11 39	0 28	21 5	1 14	9 14	9 39	9 0	10 38	0 32
T 13	8 56	27 37	4 24	15 6	2 58	24 39	3 0	19 46	0 33	15 3	0 35	9 4	2 14	5 2	0 45	11 38	0 28	21 5	1 14	9 15	9 41	9 3	10 39	0 32
F 14	9 18	25 33	3 42	14 49	2 51	24 52	3 3	19 57	0 33	15 0	0 35	9 7	2 14	5 1	0 45	11 38	0 28	21 5	1 14	9 15	9 42	9 6	10 40	0 32
S 15	9 40	22 3	2 47	14 29	2 42	25 4	3 6	20 7	0 34	14 57	0 35	9 10	2 14	4 59	0 45	11 37	0 28	21 5	1 14	9 15	9 43	9 10	10 42	0 32
S 16	10 1	17 17	1 41	14 7	2 32	25 16	3 10	20 17	0 34	14 54	0 35	9 12	2 14	4 58	0 45	11 37	0 28	21 5	1 14	9 15	9 44	9 13	10 43	0 32
M17	10 22	11 27	0 27	13 42	2 20	25 27	3 13	20 26	0 35	14 51	0 35	9 15	2 14	4 57	0 45	11 36	0 28	21 5	1 14	9 14	9 45	9 16	10 44	0 31
T 18	10 43	4 51	0n51	13 15	2 7	25 38	3 15	20 36	0 35	14 48	0 35	9 18	2 14	4 56	0 45	11 36	0 28	21 5	1 14	9 15	9 46	9 19	10 45	0 31
W19	11 4	2n10	2 7	12 47	1 53	25 48	3 18	20 45	0 36	14 45	0 36	9 20	2 14	4 55	0 45	11 35	0 28	21 5	1 14	9 15	9 48	9 22	10 47	0 31
T 20	11 25	9 10	3 16	12 17	1 38	25 58	3 21	20 55	0 37	14 42	0 36	9 23	2 14	4 54	0 45	11 35	0 28	21 5	1 14	9 17	9 49	9 26	10 48	0 31
F 21	11 46	15 42	4 11	11 47	1 22	26 7	3 24	21 4	0 37	14 39	0 36	9 26	2 14	4 53	0 45	11 34	0 28	21 5	1 13	9 20	9 50	9 29	10 49	0 31
S 22	12 6	21 14	4 48	11 16	1 6	26 15	3 26	21 12	0 38	14 37	0 36	9 28	2 14	4 52	0 45	11 34	0 28	21 5	1 13	9 23	9 51	9 32	10 51	0 31
S 23	12 26	25 19	5 4	10 46	0 49	26 23	3 28	21 21	0 38	14 34	0 36	9 31	2 14	4 51	0 45	11 33	0 28	21 5	1 13	9 26	9 52	9 35	10 52	0 31
M24	12 46	27 38	5 1	10 16	0 32	26 30	3 31	21 30	0 39	14 31	0 37	9 34	2 14	4 50	0 45	11 33	0 28	21 5	1 13	9 29	9 53	9 38	10 53	0 31
T 25	13 6	28 3	4 38	9 47	0 15	26 36	3 33	21 38	0 39	14 29	0 37	9 36	2 14	4 49	0 45	11 32	0 28	21 5	1 13	9 31	9 55	9 42	10 54	0 31
W26	13 25	26 44	4 1	9 20	0s 2	26 43	3 35	21 46	0 40	14 26	0 37	9 39	2 14	4 48	0 45	11 32	0 28	21 5	1 13	9 33	9 56	9 45	10 56	0 31
T 27	13 45	23 57	3 12	8 54	0 18	26 48	3 37	21 54	0 40	14 24	0 37	9 42	2 14	4 47	0 45	11 32	0 28	21 5	1 13	9 34	9 57	9 48	10 57	0 31
F 28	14 4	20 4	2 14	8 30	0 35	26 53	3 39	22 1	0 40	14 21	0 37	9 44	2 14	4 46	0 45	11 31	0 28	21 5	1 13	9 34	9 58	9 51	10 58	0 31
S 29	14 23	15 24	1 12	8 9	0 50	26 57	3 40	22 9	0 41	14 19	0 38	9 47	2 14	4 45	0 45	11 31	0 28	21 5	1 13	9 34	9 59	9 54	10 59	0 31
S 30	14n41	10n14	0n 8	7n49	1s 5	27n 1	3n42	22n16	0n41	14s16	0s38	9n49	2s14	4s44	0s45	11s30	0s28	21n 5	1s13	9s33	10s 0	9s57	11n 1	0n31

Julian Day Number = 2515552.5, Delta T = 140.71 sec
Ecliptic obliquity = 23°25'08, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°11'21, Lahiri = 26°18'22

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2175
geocentric

MAY 2175 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 35 25	10♉36'15	15♍45	22°R35	25♊54	8♊27	23♒38	1♉26	19♓50	1♓ 8	17♋27	5°R18	4♓ 2	17♎13	27♈27	M 1
T 2	14 39 22	11°34'33	27°35	22°D30	26°47	9° 8	23°46	1°33	19°53	1° 9	17°27	5♓15	3°58	17°19	27°30	T 2
W 3	14 43 19	12°32'50	9♎23	22♈30	27°40	9°49	23°53	1°41	19°55	1°10	17°28	5°10	3°55	17°26	27°34	W 3
T 4	14 47 15	13°31'05	21°13	22°36	28°32	10°30	24° 1	1°49	19°57	1°11	17°29	5° 3	3°52	17°33	27°37	T 4
F 5	14 51 12	14°29'18	3♏ 6	22°45	29°24	11°11	24° 8	1°56	20° 0	1°12	17°30	4°53	3°49	17°39	27°41	F 5
S 6	14 55 8	15°27'30	15° 5	23° 0	0♋15	11°52	24°15	2° 4	20° 2	1°13	17°30	4°41	3°46	17°46	27°44	S 6
S 7	14 59 5	16°25'39	27°11	23°19	1° 5	12°33	24°22	2°11	20° 4	1°13	17°31	4°28	3°42	17°53	27°48	S 7
M 8	15 3 1	17°23'47	9♐25	23°43	1°54	13°14	24°29	2°19	20° 6	1°14	17°32	4°15	3°39	17°59	27°51	M 8
T 9	15 6 58	18°21'54	21°48	24°11	2°42	13°55	24°35	2°26	20° 9	1°15	17°33	4° 4	3°36	18° 6	27°55	T 9
W10	15 10 54	19°19'59	4♑22	24°43	3°30	14°35	24°42	2°33	20°11	1°16	17°34	3°55	3°33	18°13	27°58	W10
T 11	15 14 51	20°18'02	17° 7	25°19	4°17	15°16	24°48	2°41	20°13	1°17	17°35	3°48	3°30	18°19	28° 2	T 11
F 12	15 18 48	21°16'04	0♒ 6	25°59	5° 3	15°57	24°54	2°48	20°15	1°18	17°36	3°45	3°27	18°26	28° 5	F 12
S 13	15 22 44	22°14'05	13°21	26°43	5°48	16°38	25° 0	2°56	20°17	1°18	17°37	3°43	3°23	18°33	28° 9	S 13
S 14	15 26 41	23°12'04	26°54	27°30	6°32	17°18	25° 6	3° 3	20°19	1°19	17°38	3°43	3°20	18°40	28°12	S 14
M15	15 30 37	24°10'02	10♓47	28°21	7°15	17°59	25°12	3°10	20°21	1°20	17°39	3°43	3°17	18°46	28°16	M15
T 16	15 34 34	25° 7'59	25° 2	29°15	7°58	18°39	25°17	3°18	20°23	1°20	17°40	3°42	3°14	18°53	28°19	T 16
W17	15 38 30	26° 5'55	9♈36	0♉12	8°39	19°20	25°23	3°25	20°25	1°21	17°41	3°38	3°11	19° 0	28°22	W17
T 18	15 42 27	27° 3'49	24°27	1°13	9°19	20° 0	25°28	3°32	20°26	1°21	17°42	3°32	3° 8	19° 6	28°26	T 18
F 19	15 46 23	28° 1'42	9♉27	2°16	9°58	20°41	25°33	3°39	20°28	1°22	17°43	3°24	3° 4	19°13	28°29	F 19
S 20	15 50 20	28°59'34	24°27	3°22	10°36	21°21	25°38	3°47	20°30	1°22	17°44	3°13	3° 1	19°20	28°32	S 20
S 21	15 54 17	29°57'24	9♊19	4°31	11°12	22° 2	25°42	3°54	20°32	1°23	17°45	3° 2	2°58	19°26	28°36	S 21
M22	15 58 13	0♊55'13	23°52	5°43	11°48	22°42	25°47	4° 1	20°33	1°23	17°46	2°51	2°55	19°33	28°39	M22
T 23	16 2 10	1°53'00	8♋ 1	6°58	12°22	23°22	25°51	4° 8	20°35	1°24	17°47	2°42	2°52	19°40	28°42	T 23
W24	16 6 6	2°50'46	21°43	8°15	12°54	24° 3	25°56	4°15	20°37	1°24	17°48	2°35	2°48	19°46	28°45	W24
T 25	16 10 3	3°48'30	4♌56	9°34	13°26	24°43	26° 0	4°22	20°38	1°24	17°49	2°31	2°45	19°53	28°48	T 25
F 26	16 13 59	4°46'13	17°44	10°56	13°55	25°23	26° 3	4°29	20°40	1°25	17°51	2°29	2°42	20° 0	28°51	F 26
S 27	16 17 56	5°43'54	0♍ 9	12°21	14°24	26° 3	26° 7	4°36	20°41	1°25	17°52	2°29	2°39	20° 6	28°55	S 27
S 28	16 21 53	6°41'33	12°17	13°48	14°50	26°43	26°10	4°43	20°42	1°25	17°53	2°29	2°36	20°13	28°58	S 28
M29	16 25 49	7°39'11	24°14	15°18	15°15	27°24	26°14	4°50	20°44	1°25	17°54	2°28	2°33	20°20	29° 1	M29
T 30	16 29 46	8°36'47	6♎ 5	16°50	15°39	28° 4	26°17	4°56	20°45	1°25	17°55	2°25	2°29	20°27	29° 4	T 30
W31	16 33 42	9♊34'22	17♎54	18♉24	16♋ 0	28♊44	26♒20	5♉ 3	20♓46	1♓26	17♋57	2♓20	2♓26	20♎33	29♈ 7	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14n59	4n46	0s55	7n33	1s20	27n 4	3n43	22n23	0n42	14s14	0s38	9n52	2s14	4s43	0s45	11s30	0s28	21n 5	1s13	9s34	10s 1	10s 1	11n 2	0n31
T 2	15 18	0s49	1 56	7 18	1 33	27 7	3 45	22 30	0 42	14 11	0 38	9 55	2 14	4 42	0 45	11 30	0 28	21 5	1 12	9 35	10 3	10 4	11 3	0 30
W 3	15 35	6 20	2 51	7 6	1 46	27 9	3 46	22 37	0 43	14 9	0 39	9 57	2 14	4 41	0 45	11 29	0 28	21 5	1 12	9 36	10 4	10 7	11 4	0 30
T 4	15 53	11 38	3 39	6 57	1 58	27 11	3 47	22 43	0 43	14 7	0 39	10 0	2 14	4 40	0 45	11 29	0 28	21 5	1 12	9 39	10 5	10 10	11 5	0 30
F 5	16 10	16 33	4 17	6 51	2 9	27 12	3 47	22 49	0 44	14 5	0 39	10 2	2 14	4 39	0 45	11 29	0 28	21 5	1 12	9 43	10 6	10 13	11 7	0 30
S 6	16 27	20 52	4 44	6 46	2 20	27 13	3 48	22 55	0 44	14 3	0 39	10 5	2 14	4 38	0 45	11 28	0 28	21 5	1 12	9 47	10 7	10 16	11 8	0 30
S 7	16 44	24 21	4 59	6 45	2 29	27 13	3 48	23 1	0 45	14 1	0 39	10 7	2 14	4 37	0 45	11 28	0 28	21 5	1 12	9 52	10 8	10 20	11 9	0 30
M 8	17 1	26 47	5 0	6 46	2 37	27 13	3 49	23 7	0 45	13 58	0 40	10 10	2 14	4 37	0 45	11 28	0 28	21 5	1 12	9 56	10 10	10 23	11 10	0 30
T 9	17 17	27 56	4 47	6 49	2 45	27 12	3 49	23 12	0 45	13 56	0 40	10 12	2 14	4 36	0 45	11 28	0 28	21 5	1 12	10 1	10 11	10 26	11 11	0 30
W10	17 33	27 41	4 20	6 54	2 52	27 11	3 49	23 17	0 46	13 54	0 40	10 15	2 14	4 35	0 45	11 27	0 28	21 5	1 12	10 4	10 12	10 29	11 13	0 30
T 11	17 48	25 58	3 40	7 1	2 58	27 9	3 48	23 22	0 46	13 53	0 40	10 17	2 14	4 34	0 45	11 27	0 28	21 5	1 12	10 6	10 13	10 32	11 14	0 30
F 12	18 4	22 51	2 48	7 11	3 3	27 7	3 48	23 27	0 47	13 51	0 40	10 20	2 14	4 33	0 45	11 27	0 28	21 5	1 12	10 8	10 14	10 35	11 15	0 30
S 13	18 19	18 29	1 46	7 23	3 7	27 4	3 47	23 32	0 47	13 49	0 41	10 22	2 14	4 33	0 45	11 27	0 28	21 5	1 12	10 8	10 15	10 38	11 16	0 30
S 14	18 33	13 6	0 36	7 36	3 11	27 1	3 46	23 36	0 47	13 47	0 41	10 25	2 14	4 32	0 45	11 26	0 28	21 5	1 11	10 8	10 16	10 42	11 17	0 30
M15	18 48	6 56	0n37	7 52	3 14	26 58	3 45	23 40	0 48	13 45	0 41	10 27	2 15	4 31	0 45	11 26	0 28	21 5	1 11	10 8	10 18	10 45	11 18	0 30
T 16	19 2	0 17	1 50	8 9	3 16	26 54	3 44	23 44	0 48	13 44	0 41	10 29	2 15	4 30	0 45	11 26	0 28	21 5	1 11	10 9	10 19	10 48	11 20	0 30
W17	19 16	6n31	2 57	8 28	3 17	26 50	3 42	23 48	0 49	13 42	0 42	10 32	2 15	4 30	0 46	11 26	0 28	21 5	1 11	10 10	10 20	10 51	11 21	0 30
T 18	19 29	13 5	3 54	8 48	3 17	26 45	3 40	23 51	0 49	13 41	0 42	10 34	2 15	4 29	0 46	11 26	0 28	21 4	1 11	10 12	10 21	10 54	11 22	0 29
F 19	19 42	18 58	4 35	9 10	3 17	26 40	3 38	23 55	0 49	13 39	0 42	10 37	2 15	4 28	0 46	11 25	0 28	21 4	1 11	10 15	10 22	10 57	11 23	0 29
S 20	19 55	23 40	4 57	9 33	3 16	26 35	3 36	23 58	0 50	13 38	0 42	10 39	2 15	4 28	0 46	11 25	0 29	21 4	1 11	10 19	10 23	11 0	11 24	0 29
S 21	20 7	26 45	4 59	9 57	3 15	26 29	3 33	24 1	0 50	13 36	0 43	10 41	2 15	4 27	0 46	11 25	0 29	21 4	1 11	10 23	10 24	11 3	11 25	0 29
M22	20 20	27 57	4 41	10 23	3 13	26 23	3 30	24 4	0 51	13 35	0 43	10 44	2 15	4 26	0 46	11 25	0 29	21 4	1 11	10 27	10 26	11 6	11 26	0 29
T 23	20 31	27 16	4 6	10 50	3 10	26 17	3 27	24 6	0 51	13 34	0 43	10 46	2 15	4 26	0 46	11 25	0 29	21 4	1 11	10 30	10 27	11 10	11 27	0 29
W24	20 43	24 55	3 18	11 18	3 6	26 10	3 24	24 8	0 51	13 33	0 43	10 48	2 15	4 25	0 46	11 25	0 29	21 4	1 11	10 33	10 28	11 13	11 29	0 29
T 25	20 54	21 17	2 20	11 47	3 2	26 3	3 20	24 10	0 52	13 32	0 44	10 50	2 15	4 25	0 46	11 25	0 29	21 4	1 11	10 34	10 29	11 16	11 30	0 29
F 26	21 4	16 44	1 17	12 17	2 58	25 56	3 16	24 12	0 52	13 31	0 44	10 53	2 15	4 24	0 46	11 25	0 29	21 4	1 10	10 35	10 30	11 19	11 31	0 29
S 27	21 15	11 36	0 12	12 47	2 52	25 49	3 11	24 14	0 52	13 30	0 44	10 55	2 16	4 24	0 46	11 25	0 29	21 4	1 10	10 35	10 31	11 22	11 32	0 29
S 28	21 25	6 9	0s52	13 19	2 47	25 41	3 7	24 15	0 53	13 29	0 44	10 57	2 16	4 23	0 46	11 25	0 29	21 4	1 10	10 35	10 32	11 25	11 33	0 29
M29	21 34	0 34	1 52	13 51	2 40	25 33	3 2	24 17	0 53	13 28	0 45	10 59	2 16	4 23	0 46	11 24	0 29	21 4	1 10	10 35	10 34	11 28	11 34	0 29
T 30	21 43	4s59	2 48	14 24	2 34	25 25	2 56	24 18	0 53	13 27	0 45	11 1	2 16	4 22	0 46	11 24	0 29	21 4	1 10	10 36	10 35	11 31	11 35	0 29
W31	21n52	10s20	3s36	14n57	2s26	25n17	2n50	24n18	0n54	13s26	0s45	11n 3	2s16	4s22	0s46	11s24	0s29	21n 4	1s10	10s38	10s36	11s34	11n36	0n29

Julian Day Number = 2515582.5, Delta T = 140.78 sec
Ecliptic obliquity = 23°25'08, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°11'25, Lahiri = 26°18'26

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2175
geocentric

JUNE 2175 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 37 39	10♊31'56	29♎45	20♉ 1	16♋20	29♊24	26♒23	5♉10	20♓47	1♓26	17♋58	2°R13	2♓23	20♎40	29♈10	T 1
F 2	16 41 35	11°29'28	11♏43	21°40	16°38	0♋ 4	26°25	5°17	20°49	1°26	17°59	2♓ 3	2°20	20°47	29°13	F 2
S 3	16 45 32	12°27'00	23°50	23°22	16°54	0°44	26°27	5°23	20°50	1°26	18° 0	1°51	2°17	20°53	29°15	S 3
S 4	16 49 28	13°24'30	6♐ 7	25° 6	17° 8	1°24	26°30	5°30	20°51	1°R26	18° 2	1°38	2°14	21° 0	29°18	S 4
M 5	16 53 25	14°21'59	18°35	26°52	17°19	2° 3	26°32	5°36	20°52	1°26	18° 3	1°25	2°10	21° 7	29°21	M 5
T 6	16 57 22	15°19'27	1♑14	28°41	17°29	2°43	26°33	5°43	20°53	1°26	18° 4	1°14	2° 7	21°13	29°24	T 6
W 7	17 1 18	16°16'54	14° 5	0♊32	17°37	3°23	26°35	5°49	20°54	1°26	18° 6	1° 4	2° 4	21°20	29°27	W 7
T 8	17 5 15	17°14'20	27° 6	2°25	17°42	4° 3	26°37	5°56	20°55	1°25	18° 7	0°58	2° 1	21°27	29°29	T 8
F 9	17 9 11	18°11'46	10♒20	4°21	17°45	4°43	26°38	6° 2	20°55	1°25	18° 8	0°54	1°58	21°33	29°32	F 9
S 10	17 13 8	19° 9'10	23°45	6°19	17°R46	5°22	26°39	6° 8	20°56	1°25	18°10	0°52	1°54	21°40	29°35	S 10
S 11	17 17 4	20° 6'34	7♓23	8°19	17°44	6° 2	26°40	6°15	20°57	1°25	18°11	0°D52	1°51	21°47	29°37	S 11
M12	17 21 1	21° 3'58	21°15	10°21	17°40	6°42	26°40	6°21	20°58	1°25	18°13	0°R52	1°48	21°54	29°40	M12
T 13	17 24 57	22° 1'21	5♈21	12°25	17°34	7°21	26°41	6°27	20°58	1°24	18°14	0°52	1°45	22° 0	29°43	T 13
W14	17 28 54	22°58'43	19°41	14°30	17°25	8° 1	26°41	6°33	20°59	1°24	18°15	0°49	1°42	22° 7	29°45	W14
T 15	17 32 51	23°56'06	4♉11	16°38	17°14	8°41	26°R41	6°39	20°59	1°24	18°17	0°44	1°39	22°14	29°48	T 15
F 16	17 36 47	24°53'27	18°48	18°46	17° 0	9°20	26°41	6°45	21° 0	1°23	18°18	0°37	1°35	22°20	29°50	F 16
S 17	17 40 44	25°50'48	3♊25	20°56	16°45	10° 0	26°41	6°51	21° 0	1°23	18°20	0°28	1°32	22°27	29°52	S 17
S 18	17 44 40	26°48'09	17°56	23° 7	16°26	10°39	26°40	6°57	21° 1	1°22	18°21	0°18	1°29	22°34	29°55	S 18
M19	17 48 37	27°45'29	2♋13	25°18	16° 6	11°19	26°40	7° 3	21° 1	1°22	18°23	0° 9	1°26	22°40	29°57	M19
T 20	17 52 33	28°42'49	16°11	27°30	15°43	11°58	26°39	7° 8	21° 1	1°21	18°24	0° 1	1°23	22°47	29°59	T 20
W21	17 56 30	29°40'08	29°46	29°42	15°18	12°38	26°38	7°14	21° 2	1°21	18°26	29♒55	1°20	22°54	0♉ 2	W21
T 22	18 0 27	0♋37'26	12♌57	1♋54	14°52	13°17	26°37	7°20	21° 2	1°20	18°27	29°51	1°16	23° 0	0° 4	T 22
F 23	18 4 23	1°34'43	25°44	4° 5	14°23	13°56	26°35	7°25	21° 2	1°20	18°29	29°D50	1°13	23° 7	0° 6	F 23
S 24	18 8 20	2°32'00	8♍11	6°16	13°52	14°36	26°34	7°31	21° 2	1°19	18°30	29°50	1°10	23°14	0° 8	S 24
S 25	18 12 16	3°29'15	20°21	8°25	13°20	15°15	26°32	7°36	21° 2	1°18	18°31	29°51	1° 7	23°21	0°10	S 25
M26	18 16 13	4°26'30	2♎20	10°34	12°47	15°54	26°30	7°41	21°R 2	1°18	18°33	29°R52	1° 4	23°27	0°12	M26
T 27	18 20 9	5°23'45	14°12	12°41	12°12	16°34	26°28	7°47	21° 2	1°17	18°35	29°51	1° 0	23°34	0°14	T 27
W28	18 24 6	6°20'59	26° 3	14°47	11°36	17°13	26°25	7°52	21° 2	1°16	18°36	29°49	0°57	23°41	0°16	W28
T 29	18 28 2	7°18'12	7♏58	16°51	10°59	17°52	26°23	7°57	21° 2	1°16	18°38	29°45	0°54	23°47	0°18	T 29
F 30	18 31 59	8♋15'25	20♏ 0	18♋53	10♋22	18♋31	26♒20	8♉ 2	21♓ 2	1♓15	18♋39	29♒39	0♓51	23♎54	0♉20	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n 0	15s20	4s14	15n30	2s18	25n 8	2n44	24n19	0n54	13s25	0s45	11n 6	2s16	4s21	0s46	11s24	0s29	21n 3	1s10	10s41	10s37	11s37	11n37	0n29
F 2	22 8	19 48	4 42	16 4	2 10	25 0	2 38	24 19	0 54	13 25	0 45	11 8	2 16	4 21	0 46	11 24	0 29	21 3	1 10	10 44	10 38	11 40	11 38	0 29
S 3	22 16	23 31	4 57	16 38	2 2	24 51	2 31	24 20	0 55	13 24	0 46	11 10	2 16	4 20	0 46	11 24	0 29	21 3	1 10	10 49	10 39	11 44	11 39	0 29
S 4	22 23	26 13	4 59	17 12	1 52	24 42	2 24	24 20	0 55	13 24	0 46	11 12	2 16	4 20	0 46	11 24	0 29	21 3	1 10	10 53	10 40	11 47	11 40	0 29
M 5	22 30	27 42	4 47	17 46	1 43	24 33	2 16	24 19	0 55	13 23	0 46	11 14	2 17	4 20	0 46	11 24	0 29	21 3	1 10	10 58	10 42	11 50	11 41	0 28
T 6	22 37	27 46	4 21	18 20	1 33	24 23	2 8	24 19	0 56	13 23	0 47	11 16	2 17	4 19	0 46	11 25	0 29	21 3	1 10	11 2	10 43	11 53	11 42	0 28
W 7	22 43	26 20	3 41	18 53	1 23	24 14	1 59	24 18	0 56	13 23	0 47	11 18	2 17	4 19	0 46	11 25	0 29	21 3	1 10	11 5	10 44	11 56	11 43	0 28
T 8	22 48	23 29	2 49	19 26	1 13	24 4	1 50	24 18	0 56	13 22	0 47	11 20	2 17	4 19	0 46	11 25	0 29	21 3	1 10	11 7	10 45	11 59	11 43	0 28
F 9	22 54	19 21	1 47	19 59	1 2	23 55	1 41	24 17	0 57	13 22	0 47	11 22	2 17	4 18	0 46	11 25	0 29	21 3	1 9	11 9	10 46	12 2	11 44	0 28
S 10	22 59	14 11	0 38	20 30	0 51	23 45	1 31	24 15	0 57	13 22	0 48	11 24	2 17	4 18	0 46	11 25	0 29	21 3	1 9	11 9	10 47	12 5	11 45	0 28
S 11	23 3	8 15	0n35	21 0	0 40	23 35	1 21	24 14	0 57	13 22	0 48	11 26	2 17	4 18	0 46	11 25	0 29	21 2	1 9	11 9	10 48	12 8	11 46	0 28
M12	23 7	1 50	1 46	21 30	0 29	23 25	1 11	24 12	0 57	13 22	0 48	11 28	2 18	4 18	0 46	11 25	0 29	21 2	1 9	11 9	10 49	12 11	11 47	0 28
T 13	23 11	4n46	2 52	21 58	0 18	23 15	1 0	24 10	0 58	13 22	0 48	11 29	2 18	4 17	0 47	11 25	0 29	21 2	1 9	11 10	10 51	12 14	11 48	0 28
W14	23 14	11 13	3 49	22 24	0 7	23 5	0 48	24 8	0 58	13 22	0 49	11 31	2 18	4 17	0 47	11 25	0 29	21 2	1 9	11 10	10 52	12 17	11 49	0 28
T 15	23 17	17 9	4 31	22 48	0n 3	22 55	0 36	24 6	0 58	13 22	0 49	11 33	2 18	4 17	0 47	11 25	0 29	21 2	1 9	11 12	10 53	12 20	11 50	0 28
F 16	23 19	22 9	4 57	23 11	0 14	22 44	0 24	24 4	0 58	13 23	0 49	11 35	2 18	4 17	0 47	11 26	0 29	21 2	1 9	11 15	10 54	12 23	11 50	0 28
S 17	23 21	25 46	5 3	23 31	0 24	22 34	0 12	24 1	0 59	13 23	0 49	11 37	2 18	4 17	0 47	11 26	0 29	21 2	1 9	11 18	10 55	12 26	11 51	0 28
S 18	23 23	27 40	4 49	23 49	0 35	22 23	0s 1	23 58	0 59	13 23	0 50	11 38	2 18	4 16	0 47	11 26	0 29	21 2	1 9	11 21	10 56	12 29	11 52	0 28
M19	23 24	27 41	4 17	24 4	0 44	22 13	0 14	23 55	0 59	13 24	0 50	11 40	2 19	4 16	0 47	11 26	0 29	21 1	1 9	11 25	10 57	12 32	11 53	0 28
T 20	23 25	25 56	3 31	24 17	0 54	22 2	0 28	23 52	1 0	13 24	0 50	11 42	2 19	4 16	0 47	11 26	0 29	21 1	1 9	11 27	10 59	12 35	11 53	0 28
W21	23 25	22 41	2 33	24 27	1 2	21 51	0 41	23 49	1 0	13 25	0 50	11 43	2 19	4 16	0 47	11 27	0 29	21 1	1 9	11 29	11 0	12 38	11 54	0 28
T 22	23 25	18 20	1 29	24 35	1 10	21 41	0 55	23 45	1 0	13 26	0 51	11 45	2 19	4 16	0 47	11 27	0 29	21 1	1 9	11 31	11 1	12 41	11 55	0 28
F 23	23 25	13 17	0 22	24 39	1 18	21 30	1 9	23 41	1 0	13 26	0 51	11 47	2 19	4 16	0 47	11 27	0 29	21 1	1 8	11 31	11 2	12 44	11 56	0 28
S 24	23 24	7 48	0s45	24 41	1 25	21 19	1 23	23 37	1 1	13 27	0 51	11 48	2 19	4 16	0 47	11 27	0 29	21 1	1 8	11 31	11 3	12 47	11 56	0 27
S 25	23 22	2 10	1 48	24 40	1 31	21 8	1 38	23 33	1 1	13 28	0 51	11 50	2 20	4 16	0 47	11 28	0 29	21 1	1 8	11 31	11 4	12 50	11 57	0 27
M26	23 21	3s27	2 45	24 36	1 37	20 57	1 52	23 29	1 1	13 29	0 52	11 51	2 20	4 16	0 47	11 28	0 29	21 1	1 8	11 31	11 5	12 53	11 58	0 27
T 27	23 19	8 54	3 35	24 30	1 41	20 46	2 6	23 24	1 1	13 30	0 52	11 53	2 20	4 16	0 47	11 28	0 30	21 0	1 8	11 31	11 6	12 56	11 58	0 27
W28	23 16	14 1	4 15	24 21	1 45	20 35	2 20	23 20	1 1	13 31	0 52	11 54	2 20	4 16	0 47	11 28	0 30	21 0	1 8	11 32	11 8	12 59	11 59	0 27
T 29	23 13	18 38	4 45	24 9	1 49	20 24	2 34	23 15	1 2	13 32	0 52	11 56	2 20	4 16	0 47	11 29	0 30	21 0	1 8	11 33	11 9	13 2	11 59	0 27
F 30	23n10	22s34	5s 2	23n55	1n51	20n13	2s48	23n10	1n 2	13s33	0s53	11n57	2s21	4s17	0s47	11s29	0s30	21n 0	1s 8	11s35	11s10	13s 5	12n 0	0n27

Julian Day Number = 2515613.5, Delta T = 140.85 sec
Ecliptic obliquity = 23°25'07, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°11'29, Lahiri = 26°18'30

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2175
geocentric

JULY 2175 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 35 55	9♋12'38	2♐13	20♋54	9°R45	19♋10	26°R17	8♉ 7	21°R 2	1°R14	18♋41	29°R31	0♓48	24♎ 1	0♉21	S 1
S 2	18 39 52	10° 9'50	14°40	22°52	9♋ 7	19°50	26♒14	8°12	21♓ 1	1♓13	18°42	29♒23	0°45	24° 7	0°23	S 2
M 3	18 43 49	11° 7'01	27°21	24°49	8°29	20°29	26°11	8°17	21° 1	1°12	18°44	29°14	0°41	24°14	0°25	M 3
T 4	18 47 45	12° 4'13	10♑17	26°44	7°52	21° 8	26° 7	8°21	21° 1	1°11	18°45	29° 6	0°38	24°21	0°27	T 4
W 5	18 51 42	13° 1'25	23°28	28°36	7°16	21°47	26° 3	8°26	21° 0	1°10	18°47	29° 0	0°35	24°27	0°28	W 5
T 6	18 55 38	13°58'36	6♒52	0♌27	6°40	22°26	26° 0	8°31	21° 0	1° 9	18°48	28°56	0°32	24°34	0°30	T 6
F 7	18 59 35	14°55'47	20°28	2°16	6° 6	23° 5	25°56	8°35	20°59	1° 8	18°50	28°54	0°29	24°41	0°31	F 7
S 8	19 3 31	15°52'59	4♓13	4° 2	5°32	23°44	25°52	8°40	20°59	1° 7	18°51	28°D54	0°26	24°48	0°33	S 8
S 9	19 7 28	16°50'10	18° 8	5°46	5° 1	24°23	25°47	8°44	20°58	1° 6	18°53	28°55	0°22	24°54	0°34	S 9
M10	19 11 25	17°47'22	2♈ 9	7°29	4°31	25° 2	25°43	8°48	20°57	1° 5	18°54	28°56	0°19	25° 1	0°35	M10
T 11	19 15 21	18°44'35	16°17	9° 9	4° 2	25°41	25°38	8°53	20°57	1° 4	18°56	28°R57	0°16	25° 8	0°37	T 11
W12	19 19 18	19°41'47	0♉30	10°47	3°36	26°20	25°33	8°57	20°56	1° 3	18°58	28°57	0°13	25°14	0°38	W12
T 13	19 23 14	20°39'01	14°45	12°23	3°12	26°59	25°28	9° 1	20°55	1° 2	18°59	28°55	0°10	25°21	0°39	T 13
F 14	19 27 11	21°36'14	29° 0	13°57	2°50	27°37	25°23	9° 5	20°54	1° 1	19° 1	28°51	0° 6	25°28	0°40	F 14
S 15	19 31 7	22°33'29	13♊11	15°29	2°30	28°16	25°18	9° 8	20°54	1° 0	19° 2	28°46	0° 3	25°34	0°41	S 15
S 16	19 35 4	23°30'43	27°15	16°59	2°12	28°55	25°12	9°12	20°53	0°58	19° 4	28°41	0° 0	25°41	0°42	S 16
M17	19 39 0	24°27'58	11♋ 7	18°27	1°57	29°34	25° 7	9°16	20°52	0°57	19° 5	28°36	29♒57	25°48	0°43	M17
T 18	19 42 57	25°25'14	24°43	19°52	1°44	0♌13	25° 1	9°20	20°51	0°56	19° 7	28°31	29°54	25°55	0°44	T 18
W19	19 46 54	26°22'29	8♌ 2	21°16	1°33	0°52	24°55	9°23	20°50	0°55	19° 8	28°28	29°51	26° 1	0°45	W19
T 20	19 50 50	27°19'45	21° 1	22°37	1°25	1°30	24°49	9°26	20°48	0°53	19°10	28°27	29°47	26° 8	0°46	T 20
F 21	19 54 47	28°17'01	3♍42	23°56	1°19	2° 9	24°43	9°30	20°47	0°52	19°11	28°D26	29°44	26°15	0°47	F 21
S 22	19 58 43	29°14'18	16° 6	25°13	1°16	2°48	24°37	9°33	20°46	0°51	19°13	28°27	29°41	26°21	0°48	S 22
S 23	20 2 40	0♌11'34	28°15	26°27	1°D15	3°27	24°30	9°36	20°45	0°50	19°15	28°29	29°38	26°28	0°48	S 23
M24	20 6 36	1° 8'51	10♎14	27°39	1°16	4° 5	24°24	9°39	20°44	0°48	19°16	28°31	29°35	26°35	0°49	M24
T 25	20 10 33	2° 6'08	22° 7	28°48	1°20	4°44	24°17	9°42	20°42	0°47	19°18	28°32	29°32	26°41	0°49	T 25
W26	20 14 29	3° 3'26	3♏59	29°55	1°25	5°23	24°11	9°45	20°41	0°45	19°19	28°R32	29°28	26°48	0°50	W26
T 27	20 18 26	4° 0'44	15°55	0♐59	1°33	6° 1	24° 4	9°48	20°40	0°44	19°21	28°32	29°25	26°55	0°50	T 27
F 28	20 22 23	4°58'02	27°59	2° 0	1°43	6°40	23°57	9°50	20°38	0°43	19°22	28°30	29°22	27° 2	0°51	F 28
S 29	20 26 19	5°55'20	10♐15	2°59	1°55	7°18	23°50	9°53	20°37	0°41	19°24	28°27	29°19	27° 8	0°51	S 29
S 30	20 30 16	6°52'39	22°47	3°55	2° 9	7°57	23°43	9°56	20°35	0°40	19°25	28°24	29°16	27°15	0°51	S 30
M31	20 34 12	7♌49'59	5♑38	4♐47	2♋25	8♌36	23♒36	9♉58	20♓34	0♓38	19♋27	28♒21	29♒12	27♎22	0♉52	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n 6	25s35	5s 6	23n39	1n53	20n 3	3s 1	23n 4	1n 2	13s35	0s53	11n59	2s21	4s17	0s47	11s29	0s30	21n 0	1s 8	11s38	11s11	13s 8	12n 1	0n27
S 2	23 2	27 26	4 56	23 21	1 54	19 52	3 14	22 59	1 2	13 36	0 53	12 0	2 21	4 17	0 47	11 30	0 30	21 0	1 8	11 41	11 12	13 11	12 1	0 27
M 3	22 57	27 54	4 31	23 1	1 54	19 42	3 27	22 53	1 3	13 37	0 53	12 1	2 21	4 17	0 47	11 30	0 30	20 59	1 8	11 44	11 13	13 14	12 2	0 27
T 4	22 52	26 52	3 52	22 39	1 54	19 32	3 40	22 48	1 3	13 39	0 54	12 3	2 21	4 17	0 47	11 30	0 30	20 59	1 8	11 46	11 14	13 17	12 2	0 27
W 5	22 47	24 19	2 59	22 16	1 53	19 22	3 51	22 42	1 3	13 40	0 54	12 4	2 22	4 17	0 47	11 31	0 30	20 59	1 8	11 49	11 15	13 20	12 3	0 27
T 6	22 41	20 25	1 56	21 50	1 51	19 13	4 3	22 36	1 3	13 42	0 54	12 5	2 22	4 18	0 47	11 31	0 30	20 59	1 8	11 50	11 17	13 23	12 3	0 27
F 7	22 35	15 23	0 46	21 24	1 48	19 3	4 14	22 29	1 3	13 43	0 54	12 7	2 22	4 18	0 47	11 31	0 30	20 59	1 8	11 51	11 18	13 26	12 4	0 27
S 8	22 28	9 30	0n29	20 56	1 45	18 55	4 24	22 23	1 4	13 45	0 55	12 8	2 22	4 18	0 47	11 32	0 30	20 59	1 7	11 51	11 19	13 29	12 4	0 27
S 9	22 22	3 7	1 42	20 27	1 42	18 46	4 33	22 16	1 4	13 46	0 55	12 9	2 22	4 18	0 47	11 32	0 30	20 59	1 7	11 50	11 20	13 32	12 5	0 27
M10	22 14	3n28	2 50	19 57	1 38	18 38	4 42	22 9	1 4	13 48	0 55	12 10	2 23	4 19	0 48	11 33	0 30	20 58	1 7	11 50	11 21	13 35	12 5	0 27
T 11	22 7	9 55	3 49	19 27	1 33	18 31	4 51	22 2	1 4	13 50	0 55	12 11	2 23	4 19	0 48	11 33	0 30	20 58	1 7	11 50	11 22	13 38	12 6	0 27
W12	21 58	15 54	4 33	18 55	1 28	18 24	4 59	21 55	1 4	13 52	0 56	12 12	2 23	4 19	0 48	11 33	0 30	20 58	1 7	11 50	11 23	13 41	12 6	0 27
T 13	21 50	21 2	5 1	18 23	1 22	18 17	5 6	21 48	1 4	13 54	0 56	12 13	2 23	4 20	0 48	11 34	0 30	20 58	1 7	11 51	11 24	13 44	12 6	0 27
F 14	21 41	24 58	5 10	17 50	1 15	18 11	5 12	21 40	1 5	13 56	0 56	12 14	2 23	4 20	0 48	11 34	0 30	20 58	1 7	11 52	11 25	13 47	12 7	0 26
S 15	21 32	27 20	5 1	17 16	1 9	18 6	5 18	21 33	1 5	13 58	0 56	12 15	2 24	4 20	0 48	11 35	0 30	20 58	1 7	11 54	11 27	13 50	12 7	0 26
S 16	21 22	27 56	4 33	16 42	1 1	18 1	5 23	21 25	1 5	14 0	0 57	12 16	2 24	4 21	0 48	11 35	0 30	20 57	1 7	11 55	11 28	13 53	12 7	0 26
M17	21 12	26 46	3 49	16 8	0 53	17 56	5 28	21 17	1 5	14 2	0 57	12 17	2 24	4 21	0 48	11 36	0 30	20 57	1 7	11 57	11 29	13 56	12 8	0 26
T 18	21 2	24 0	2 54	15 33	0 45	17 52	5 32	21 9	1 5	14 4	0 57	12 18	2 24	4 22	0 48	11 36	0 30	20 57	1 7	11 59	11 30	13 59	12 8	0 26
W19	20 52	20 0	1 49	14 59	0 37	17 49	5 36	21 1	1 5	14 6	0 57	12 19	2 25	4 22	0 48	11 36	0 30	20 57	1 7	12 0	11 31	14 1	12 8	0 26
T 20	20 41	15 7	0 40	14 24	0 28	17 46	5 39	20 52	1 6	14 8	0 57	12 20	2 25	4 22	0 48	11 37	0 30	20 57	1 7	12 0	11 32	14 4	12 8	0 26
F 21	20 29	9 42	0s29	13 49	0 18	17 43	5 41	20 44	1 6	14 11	0 58	12 21	2 25	4 23	0 48	11 37	0 30	20 57	1 7	12 0	11 33	14 7	12 9	0 26
S 22	20 18	4 1	1 35	13 15	0 9	17 41	5 43	20 35	1 6	14 13	0 58	12 22	2 25	4 23	0 48	11 38	0 30	20 57	1 7	12 0	11 34	14 10	12 9	0 26
S 23	20 6	1s42	2 36	12 40	0s 1	17 40	5 45	20 26	1 6	14 15	0 58	12 22	2 26	4 24	0 48	11 38	0 30	20 56	1 7	11 59	11 35	14 13	12 9	0 26
M24	19 53	7 16	3 29	12 6	0 12	17 39	5 46	20 17	1 6	14 18	0 58	12 23	2 26	4 24	0 48	11 39	0 30	20 56	1 7	11 59	11 37	14 16	12 9	0 26
T 25	19 40	12 31	4 13	11 32	0 22	17 38	5 47	20 8	1 6	14 20	0 58	12 24	2 26	4 25	0 48	11 39	0 30	20 56	1 7	11 58	11 38	14 19	12 9	0 26
W26	19 27	17 19	4 46	10 58	0 33	17 38	5 47	19 59	1 6	14 22	0 59	12 25	2 26	4 26	0 48	11 40	0 30	20 56	1 6	11 58	11 39	14 22	12 9	0 26
T 27	19 14	21 29	5 7	10 25	0 45	17 38	5 47	19 50	1 7	14 25	0 59	12 25	2 27	4 26	0 48	11 40	0 30	20 56	1 6	11 59	11 40	14 25	12 10	0 26
F 28	19 0	24 48	5 14	9 53	0 56	17 38	5 46	19 40	1 7	14 27	0 59	12 26	2 27	4 27	0 48	11 41	0 30	20 56	1 6	11 59	11 41	14 28	12 10	0 26
S 29	18 47	27 2	5 8	9 21	1 8	17 39	5 45	19 30	1 7	14 30	0 59	12 26	2 27	4 27	0 48	11 42	0 30	20 55	1 6	12 0	11 42	14 30	12 10	0 26
S 30	18 32	27 59	4 46	8 50	1 20	17 40	5 44	19 21	1 7	14 32	0 59	12 27	2 27	4 28	0 48	11 42	0 30	20 55	1 6	12 1	11 43	14 33	12 10	0 26
M31	18n18	27s28	4s11	8n20	1s32	17n41	5s43	19n11	1n 7	14s35	1s 0	12n27	2s27	4s29	0s48	11s43	0s30	20n55	1s 6	12s 2	11s44	14s36	12n10	0n26

Julian Day Number = 2515643.5, Delta T = 140.92 sec
Ecliptic obliquity = 23°25'07, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°11'34, Lahiri = 26°18'34

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2175
geocentric

AUGUST 2175 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 38 9	8♌47'19	18♏47	5♍36	2♋43	9♌14	23°R28	10♉ 0	20°R32	0°R37	19♋28	28°R19	29♒ 9	27♎28	0♉52	T 1
W 2	20 42 5	9°44'40	2♒16	6°22	3° 3	9°53	23♒21	10° 2	20♓31	0♓35	19°30	28♒16	29° 6	27°35	0°52	W 2
T 3	20 46 2	10°42'01	16° 2	7° 4	3°25	10°31	23°14	10° 4	20°29	0°34	19°31	28°15	29° 3	27°42	0°52	T 3
F 4	20 49 58	11°39'24	0♓ 3	7°43	3°48	11°10	23° 6	10° 6	20°27	0°32	19°32	28°D15	29° 0	27°48	0°R52	F 4
S 5	20 53 55	12°36'47	14°15	8°18	4°13	11°48	22°59	10° 8	20°26	0°31	19°34	28°15	28°57	27°55	0°52	S 5
S 6	20 57 52	13°34'11	28°34	8°49	4°40	12°27	22°51	10°10	20°24	0°29	19°35	28°16	28°53	28° 2	0°52	S 6
M 7	21 1 48	14°31'36	12♈56	9°15	5° 8	13° 5	22°43	10°12	20°22	0°28	19°37	28°17	28°50	28° 9	0°52	M 7
T 8	21 5 45	15°29'03	27°17	9°37	5°37	13°43	22°36	10°13	20°20	0°26	19°38	28°18	28°47	28°15	0°52	T 8
W 9	21 9 41	16°26'30	11♉33	9°54	6° 9	14°22	22°28	10°15	20°18	0°24	19°40	28°R19	28°44	28°22	0°51	W 9
T 10	21 13 38	17°24'00	25°43	10° 7	6°41	15° 0	22°20	10°16	20°17	0°23	19°41	28°19	28°41	28°29	0°51	T 10
F 11	21 17 34	18°21'30	9♊43	10°15	7°15	15°39	22°12	10°18	20°15	0°21	19°42	28°18	28°38	28°35	0°51	F 11
S 12	21 21 31	19°19'02	23°34	10°R17	7°50	16°17	22° 5	10°19	20°13	0°20	19°44	28°17	28°34	28°42	0°50	S 12
S 13	21 25 27	20°16'35	7♋12	10°14	8°26	16°56	21°57	10°20	20°11	0°18	19°45	28°16	28°31	28°49	0°50	S 13
M14	21 29 24	21°14'10	20°37	10° 6	9° 4	17°34	21°49	10°21	20° 9	0°16	19°47	28°15	28°28	28°56	0°49	M14
T 15	21 33 21	22°11'46	3♌48	9°52	9°43	18°12	21°41	10°22	20° 7	0°15	19°48	28°15	28°25	29° 2	0°49	T 15
W16	21 37 17	23° 9'23	16°45	9°33	10°23	18°51	21°33	10°22	20° 5	0°13	19°49	28°14	28°22	29° 9	0°48	W16
T 17	21 41 14	24° 7'01	29°28	9° 9	11° 4	19°29	21°25	10°23	20° 3	0°12	19°51	28°D14	28°18	29°16	0°48	T 17
F 18	21 45 10	25° 4'40	11♍57	8°39	11°45	20° 7	21°18	10°24	20° 1	0°10	19°52	28°14	28°15	29°22	0°47	F 18
S 19	21 49 7	26° 2'21	24°13	8° 4	12°28	20°46	21°10	10°24	19°58	0° 8	19°53	28°14	28°12	29°29	0°46	S 19
S 20	21 53 3	27° 0'02	6♎18	7°25	13°12	21°24	21° 2	10°24	19°56	0° 7	19°54	28°15	28° 9	29°36	0°45	S 20
M21	21 57 0	27°57'45	18°15	6°41	13°57	22° 2	20°54	10°24	19°54	0° 5	19°56	28°R15	28° 6	29°42	0°44	M21
T 22	22 0 56	28°55'29	0♏ 8	5°54	14°43	22°41	20°47	10°25	19°52	0° 3	19°57	28°15	28° 3	29°49	0°43	T 22
W23	22 4 53	29°53'13	11°59	5° 4	15°29	23°19	20°39	10°R25	19°50	0° 2	19°58	28°15	27°59	29°56	0°42	W23
T 24	22 8 50	0♍51'00	23°54	4°12	16°16	23°57	20°31	10°25	19°48	0° 0	19°59	28°14	27°56	0♏ 3	0°41	T 24
F 25	22 12 46	1°48'47	5♐57	3°20	17° 4	24°35	20°24	10°24	19°45	29♒59	20° 1	28°D14	27°53	0° 9	0°40	F 25
S 26	22 16 43	2°46'35	18°12	2°27	17°53	25°14	20°16	10°24	19°43	29°57	20° 2	28°15	27°50	0°16	0°39	S 26
S 27	22 20 39	3°44'25	0♑43	1°35	18°43	25°52	20° 9	10°24	19°41	29°55	20° 3	28°15	27°47	0°23	0°38	S 27
M28	22 24 36	4°42'16	13°35	0°45	19°33	26°30	20° 1	10°23	19°39	29°54	20° 4	28°16	27°44	0°29	0°37	M28
T 29	22 28 32	5°40'08	26°50	29♌59	20°24	27° 8	19°54	10°22	19°36	29°52	20° 5	28°16	27°40	0°36	0°35	T 29
W30	22 32 29	6°38'01	10♒29	29°17	21°16	27°46	19°47	10°22	19°34	29°50	20° 7	28°17	27°37	0°43	0°34	W30
T 31	22 36 25	7♍35'56	24♒31	28♌40	22♋ 8	28♌25	19♒40	10♉21	19♓32	29♒49	20♋ 8	28°R17	27♒34	0♏50	0♉33	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18n 3	25s25	3s21	7n50	1s44	17n43	5s41	19n 1	1n 7	14s37	1s 0	12n28	2s28	4s29	0s48	11s43	0s30	20n55	1s 6	12s 3	11s45	14s39	12n10	0n26
W 2	17 48	21 53	2 18	7 22	1 56	17 44	5 39	18 50	1 7	14 40	1 0	12 28	2 28	4 30	0 48	11 44	0 30	20 55	1 6	12 4	11 47	14 42	12 10	0 25
T 3	17 32	17 5	1 7	6 55	2 8	17 46	5 36	18 40	1 7	14 43	1 0	12 29	2 28	4 30	0 48	11 44	0 30	20 55	1 6	12 4	11 48	14 45	12 10	0 25
F 4	17 16	11 17	0n10	6 29	2 21	17 48	5 34	18 30	1 8	14 45	1 0	12 29	2 28	4 31	0 48	11 45	0 30	20 54	1 6	12 4	11 49	14 48	12 10	0 25
S 5	17 0	4 51	1 27	6 5	2 33	17 50	5 31	18 19	1 8	14 48	1 0	12 29	2 29	4 32	0 48	11 45	0 30	20 54	1 6	12 4	11 50	14 50	12 10	0 25
S 6	16 44	1n53	2 40	5 42	2 45	17 53	5 28	18 8	1 8	14 50	1 1	12 30	2 29	4 33	0 48	11 46	0 30	20 54	1 6	12 4	11 51	14 53	12 10	0 25
M 7	16 28	8 31	3 43	5 21	2 58	17 55	5 24	17 58	1 8	14 53	1 1	12 30	2 29	4 33	0 48	11 46	0 30	20 54	1 6	12 4	11 52	14 56	12 10	0 25
T 8	16 11	14 43	4 31	5 2	3 10	17 57	5 21	17 47	1 8	14 56	1 1	12 30	2 29	4 34	0 48	11 47	0 30	20 54	1 6	12 3	11 53	14 59	12 9	0 25
W 9	15 54	20 5	5 3	4 44	3 21	18 0	5 17	17 36	1 8	14 58	1 1	12 31	2 30	4 35	0 48	11 48	0 30	20 54	1 6	12 3	11 54	15 2	12 9	0 25
T 10	15 36	24 17	5 16	4 29	3 33	18 2	5 13	17 24	1 8	15 1	1 1	12 31	2 30	4 36	0 48	11 48	0 30	20 54	1 6	12 3	11 55	15 5	12 9	0 25
F 11	15 19	27 0	5 10	4 16	3 44	18 4	5 9	17 13	1 8	15 4	1 1	12 31	2 30	4 36	0 48	11 49	0 30	20 53	1 6	12 3	11 57	15 8	12 9	0 25
S 12	15 1	28 2	4 46	4 5	3 54	18 6	5 5	17 2	1 8	15 6	1 1	12 31	2 30	4 37	0 48	11 49	0 30	20 53	1 6	12 4	11 58	15 10	12 9	0 25
S 13	14 43	27 19	4 6	3 57	4 4	18 8	5 1	16 50	1 8	15 9	1 1	12 31	2 31	4 38	0 49	11 50	0 30	20 53	1 6	12 4	11 59	15 13	12 9	0 25
M14	14 25	25 2	3 14	3 52	4 13	18 10	4 57	16 39	1 8	15 12	1 2	12 31	2 31	4 39	0 49	11 50	0 30	20 53	1 6	12 4	12 0	15 16	12 8	0 25
T 15	14 6	21 25	2 11	3 49	4 22	18 12	4 52	16 27	1 9	15 14	1 2	12 31	2 31	4 39	0 49	11 51	0 30	20 53	1 6	12 4	12 1	15 19	12 8	0 25
W16	13 47	16 48	1 3	3 49	4 29	18 14	4 48	16 15	1 9	15 17	1 2	12 31	2 32	4 40	0 49	11 52	0 30	20 53	1 5	12 5	12 2	15 22	12 8	0 25
T 17	13 28	11 33	0s 7	3 53	4 35	18 16	4 43	16 3	1 9	15 20	1 2	12 31	2 32	4 41	0 49	11 52	0 31	20 52	1 5	12 5	12 3	15 24	12 8	0 25
F 18	13 9	5 55	1 15	3 59	4 40	18 17	4 38	15 51	1 9	15 22	1 2	12 31	2 32	4 42	0 49	11 53	0 31	20 52	1 5	12 5	12 4	15 27	12 7	0 25
S 19	12 50	0 10	2 19	4 9	4 44	18 18	4 33	15 39	1 9	15 25	1 2	12 31	2 32	4 43	0 49	11 53	0 31	20 52	1 5	12 5	12 5	15 30	12 7	0 25
S 20	12 30	5s30	3 16	4 21	4 46	18 19	4 28	15 27	1 9	15 27	1 2	12 31	2 33	4 44	0 49	11 54	0 31	20 52	1 5	12 4	12 6	15 33	12 7	0 25
M21	12 10	10 54	4 3	4 37	4 46	18 20	4 23	15 14	1 9	15 30	1 2	12 31	2 33	4 44	0 49	11 55	0 31	20 52	1 5	12 4	12 8	15 36	12 6	0 24
T 22	11 50	15 52	4 40	4 56	4 45	18 20	4 18	15 2	1 9	15 33	1 2	12 30	2 33	4 45	0 49	11 55	0 31	20 52	1 5	12 4	12 9	15 38	12 6	0 24
W23	11 30	20 14	5 4	5 17	4 41	18 20	4 13	14 49	1 9	15 35	1 2	12 30	2 33	4 46	0 49	11 56	0 31	20 52	1 5	12 4	12 10	15 41	12 5	0 24
T 24	11 10	23 50	5 16	5 40	4 36	18 20	4 7	14 37	1 9	15 38	1 3	12 30	2 34	4 47	0 49	11 56	0 31	20 51	1 5	12 4	12 11	15 44	12 5	0 24
F 25	10 49	26 26	5 14	6 6	4 29	18 20	4 2	14 24	1 9	15 40	1 3	12 30	2 34	4 48	0 49	11 57	0 31	20 51	1 5	12 5	12 12	15 47	12 5	0 24
S 26	10 29	27 50	4 58	6 33	4 20	18 19	3 57	14 11	1 9	15 42	1 3	12 29	2 34	4 49	0 49	11 57	0 31	20 51	1 5	12 4	12 13	15 50	12 4	0 24
S 27	10 8	27 53	4 28	7 1	4 9	18 18	3 51	13 58	1 9	15 45	1 3	12 29	2 34	4 50	0 49	11 58	0 31	20 51	1 5	12 4	12 14	15 52	12 4	0 24
M28	9 47	26 26	3 43	7 30	3 57	18 16	3 46	13 45	1 9	15 47	1 3	12 29	2 35	4 51	0 49	11 59	0 31	20 51	1 5	12 4	12 15	15 55	12 3	0 24
T 29	9 25	23 29	2 46	7 59	3 43	18 14	3 40	13 32	1 9	15 50	1 3	12 28	2 35	4 52	0 49	11 59	0 31	20 51	1 5	12 4	12 16	15 58	12 3	0 24
W30	9 4	19 9	1 37	8 28	3 27	18 12	3 35	13 19	1 9	15 52	1 3	12 28	2 35	4 53	0 49	12 0	0 31	20 51	1 5	12 4	12 17	16 1	12 2	0 24
T 31	8n43	13s40	0s21	8n57	3s11	18n10	3s29	13n 6	1n 9	15s54	1s 3	12n27	2s35	4s53	0s49	12s 0	0s31	20n51	1s 5	12s 4	12s18	16s 3	12n 2	0n24

Julian Day Number = 2515674.5, Delta T = 140.99 sec
Ecliptic obliquity = 23°25'07, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°11'38, Lahiri = 26°18'38

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2175
geocentric

SEPTEMBER 2175 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 40 22	8♍33'52	8♓53	28°R10	23♋ 1	29♌ 3	19°R33	10°R20	19°R29	29°R47	20♋ 9	28°R17	27♒31	0♏56	0°R31	F 1
S 2	22 44 19	9°31'50	23°30	27♌46	23°55	29°41	19♒26	10♉19	19♓27	29♒46	20°10	28♒16	27°28	1° 3	0♉30	S 2
S 3	22 48 15	10°29'49	8♈16	27°29	24°49	0♍19	19°19	10°18	19°25	29°44	20°11	28°15	27°24	1°10	0°28	S 3
M 4	22 52 12	11°27'50	23° 4	27°21	25°44	0°57	19°12	10°17	19°22	29°42	20°12	28°14	27°21	1°16	0°27	M 4
T 5	22 56 8	12°25'53	7♉46	27°D20	26°39	1°36	19° 6	10°15	19°20	29°41	20°13	28°12	27°18	1°23	0°25	T 5
W 6	23 0 5	13°23'58	22°16	27°29	27°35	2°14	18°59	10°14	19°18	29°39	20°14	28°11	27°15	1°30	0°23	W 6
T 7	23 4 1	14°22'05	6♊31	27°46	28°31	2°52	18°53	10°12	19°15	29°38	20°15	28°10	27°12	1°36	0°22	T 7
F 8	23 7 58	15°20'14	20°28	28°11	29°28	3°30	18°47	10°11	19°13	29°36	20°16	28°D10	27° 9	1°43	0°20	F 8
S 9	23 11 54	16°18'25	4♋ 6	28°45	0♌25	4° 8	18°40	10° 9	19°10	29°34	20°17	28°11	27° 5	1°50	0°18	S 9
S 10	23 15 51	17°16'38	17°27	29°27	1°23	4°46	18°34	10° 7	19° 8	29°33	20°18	28°12	27° 2	1°57	0°16	S 10
M11	23 19 48	18°14'53	0♌31	0♍17	2°21	5°24	18°28	10° 5	19° 6	29°31	20°19	28°13	26°59	2° 3	0°14	M11
T 12	23 23 44	19°13'10	13°20	1°15	3°20	6° 3	18°23	10° 3	19° 3	29°30	20°20	28°14	26°56	2°10	0°12	T 12
W13	23 27 41	20°11'28	25°57	2°20	4°19	6°41	18°17	10° 1	19° 1	29°28	20°21	28°R15	26°53	2°17	0°10	W13
T 14	23 31 37	21° 9'49	8♍21	3°31	5°19	7°19	18°12	9°59	18°58	29°27	20°22	28°15	26°50	2°23	0° 8	T 14
F 15	23 35 34	22° 8'11	20°36	4°49	6°18	7°57	18° 6	9°56	18°56	29°25	20°22	28°13	26°46	2°30	0° 6	F 15
S 16	23 39 30	23° 6'36	2♎42	6°12	7°19	8°35	18° 1	9°54	18°54	29°24	20°23	28°10	26°43	2°37	0° 4	S 16
S 17	23 43 27	24° 5'02	14°42	7°40	8°19	9°13	17°56	9°51	18°51	29°22	20°24	28° 7	26°40	2°44	0° 2	S 17
M18	23 47 23	25° 3'30	26°36	9°13	9°20	9°51	17°52	9°49	18°49	29°21	20°25	28° 2	26°37	2°50	0° 0	M18
T 19	23 51 20	26° 1'59	8♏27	10°49	10°22	10°29	17°47	9°46	18°46	29°20	20°26	27°57	26°34	2°57	29♈58	T 19
W20	23 55 17	27° 0'31	20°18	12°29	11°24	11° 7	17°42	9°43	18°44	29°18	20°26	27°53	26°30	3° 4	29°56	W20
T 21	23 59 13	27°59'04	2♐11	14°12	12°26	11°45	17°38	9°40	18°42	29°17	20°27	27°49	26°27	3°10	29°53	T 21
F 22	0 3 10	28°57'38	14°12	15°56	13°28	12°23	17°34	9°37	18°39	29°15	20°28	27°46	26°24	3°17	29°51	F 22
S 23	0 7 6	29°56'15	26°24	17°43	14°31	13° 2	17°30	9°34	18°37	29°14	20°28	27°D45	26°21	3°24	29°49	S 23
S 24	0 11 3	0♎54'53	8♑51	19°31	15°34	13°40	17°26	9°31	18°35	29°13	20°29	27°45	26°18	3°31	29°46	S 24
M25	0 14 59	1°53'33	21°38	21°20	16°37	14°18	17°23	9°28	18°32	29°11	20°30	27°47	26°15	3°37	29°44	M25
T 26	0 18 56	2°52'14	4♒49	23°10	17°41	14°56	17°19	9°25	18°30	29°10	20°30	27°48	26°11	3°44	29°41	T 26
W27	0 22 52	3°50'57	18°27	25° 0	18°45	15°34	17°16	9°21	18°28	29° 9	20°31	27°49	26° 8	3°51	29°39	W27
T 28	0 26 49	4°49'42	2♓32	26°51	19°49	16°12	17°13	9°18	18°26	29° 7	20°32	27°R50	26° 5	3°57	29°37	T 28
F 29	0 30 46	5°48'29	17° 4	28°41	20°53	16°50	17°10	9°14	18°23	29° 6	20°32	27°48	26° 2	4° 4	29°34	F 29
S 30	0 34 42	6♎47'17	1♈57	0♎31	21♌58	17♍28	17♒ 7	9♉11	18♓21	29♒ 5	20♋33	27♒45	25♒59	4♏11	29♈31	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	8n21	7s20	0n58	9n24	2s53	18n 7	3s23	12n53	1n 9	15s56	1s 3	12n27	2s35	4s54	0s49	12s 1	0s31	20n50	1s 5	12s 4	12s20	16s 6	12n 1	0n24
S 2	7 59	0 30	2 15	9 49	2 35	18 3	3 18	12 39	1 10	15 59	1 3	12 26	2 36	4 55	0 49	12 2	0 31	20 50	1 5	12 4	12 21	16 9	12 0	0 24
S 3	7 38	6n24	3 24	10 12	2 16	18 0	3 12	12 26	1 10	16 1	1 3	12 26	2 36	4 56	0 49	12 2	0 31	20 50	1 5	12 4	12 22	16 12	12 0	0 24
M 4	7 16	12 57	4 18	10 32	1 58	17 56	3 6	12 13	1 10	16 3	1 3	12 25	2 36	4 57	0 49	12 3	0 31	20 50	1 5	12 5	12 23	16 14	11 59	0 24
T 5	6 53	18 45	4 56	10 50	1 39	17 51	3 1	11 59	1 10	16 5	1 3	12 24	2 36	4 58	0 49	12 3	0 31	20 50	1 5	12 5	12 24	16 17	11 59	0 24
W 6	6 31	23 23	5 14	11 5	1 20	17 46	2 55	11 45	1 10	16 7	1 3	12 24	2 37	4 59	0 49	12 4	0 31	20 50	1 5	12 6	12 25	16 20	11 58	0 24
T 7	6 9	26 30	5 12	11 17	1 2	17 41	2 49	11 32	1 10	16 9	1 3	12 23	2 37	5 0	0 49	12 4	0 31	20 50	1 5	12 6	12 26	16 22	11 57	0 23
F 8	5 46	27 56	4 52	11 25	0 44	17 35	2 44	11 18	1 10	16 11	1 3	12 22	2 37	5 1	0 49	12 5	0 31	20 50	1 5	12 6	12 27	16 25	11 57	0 23
S 9	5 24	27 37	4 16	11 29	0 27	17 28	2 38	11 4	1 10	16 13	1 3	12 21	2 37	5 2	0 49	12 5	0 31	20 50	1 4	12 6	12 28	16 28	11 56	0 23
S 10	5 1	25 41	3 26	11 30	0 10	17 22	2 32	10 50	1 10	16 15	1 3	12 21	2 38	5 3	0 49	12 6	0 31	20 49	1 4	12 5	12 29	16 31	11 55	0 23
M11	4 39	22 25	2 27	11 27	0n 5	17 14	2 26	10 36	1 10	16 17	1 3	12 20	2 38	5 4	0 49	12 7	0 31	20 49	1 4	12 5	12 30	16 33	11 55	0 23
T 12	4 16	18 6	1 21	11 20	0 20	17 7	2 21	10 22	1 10	16 18	1 3	12 19	2 38	5 5	0 49	12 7	0 31	20 49	1 4	12 5	12 32	16 36	11 54	0 23
W13	3 53	13 4	0 13	11 9	0 33	16 58	2 15	10 8	1 10	16 20	1 3	12 18	2 38	5 6	0 49	12 8	0 31	20 49	1 4	12 4	12 33	16 39	11 53	0 23
T 14	3 30	7 34	0s55	10 55	0 46	16 50	2 9	9 54	1 10	16 22	1 3	12 17	2 38	5 6	0 49	12 8	0 31	20 49	1 4	12 4	12 34	16 41	11 52	0 23
F 15	3 7	1 53	2 0	10 38	0 57	16 41	2 4	9 40	1 10	16 23	1 3	12 16	2 39	5 7	0 49	12 9	0 31	20 49	1 4	12 5	12 35	16 44	11 51	0 23
S 16	2 44	3s48	2 58	10 16	1 7	16 31	1 58	9 25	1 10	16 25	1 3	12 15	2 39	5 8	0 49	12 9	0 31	20 49	1 4	12 6	12 36	16 47	11 51	0 23
S 17	2 21	9 17	3 48	9 52	1 17	16 21	1 53	9 11	1 10	16 26	1 3	12 14	2 39	5 9	0 49	12 10	0 31	20 49	1 4	12 7	12 37	16 49	11 50	0 23
M18	1 58	14 24	4 27	9 25	1 24	16 11	1 47	8 57	1 10	16 28	1 3	12 13	2 39	5 10	0 49	12 10	0 31	20 49	1 4	12 9	12 38	16 52	11 49	0 23
T 19	1 35	18 57	4 55	8 55	1 31	16 0	1 42	8 42	1 10	16 29	1 3	12 12	2 39	5 11	0 49	12 11	0 31	20 49	1 4	12 11	12 39	16 55	11 48	0 23
W20	1 11	22 46	5 10	8 22	1 37	15 48	1 36	8 28	1 10	16 31	1 3	12 11	2 40	5 12	0 49	12 11	0 31	20 49	1 4	12 12	12 40	16 57	11 47	0 23
T 21	0 48	25 40	5 11	7 47	1 42	15 37	1 31	8 13	1 10	16 32	1 3	12 10	2 40	5 13	0 49	12 12	0 31	20 48	1 4	12 13	12 41	17 0	11 46	0 23
F 22	0 25	27 27	5 0	7 9	1 45	15 24	1 25	7 59	1 10	16 33	1 3	12 9	2 40	5 14	0 49	12 12	0 31	20 48	1 4	12 14	12 42	17 3	11 46	0 22
S 23	0 1	27 56	4 34	6 30	1 48	15 12	1 20	7 44	1 9	16 34	1 3	12 8	2 40	5 15	0 49	12 13	0 31	20 48	1 4	12 15	12 43	17 5	11 45	0 22
S 24	0s22	27 3	3 56	5 50	1 50	14 58	1 14	7 29	1 9	16 35	1 3	12 7	2 40	5 16	0 49	12 13	0 31	20 48	1 4	12 15	12 44	17 8	11 44	0 22
M25	0 45	24 43	3 4	5 8	1 51	14 45	1 9	7 15	1 9	16 36	1 3	12 6	2 41	5 17	0 49	12 14	0 31	20 48	1 4	12 14	12 46	17 11	11 43	0 22
T 26	1 8	21 1	2 2	4 25	1 51	14 30	1 4	7 0	1 9	16 37	1 2	12 4	2 41	5 17	0 49	12 14	0 31	20 48	1 4	12 14	12 47	17 13	11 42	0 22
W27	1 32	16 6	0 51	3 40	1 50	14 16	0 59	6 45	1 9	16 38	1 2	12 3	2 41	5 18	0 49	12 15	0 31	20 48	1 4	12 13	12 48	17 16	11 41	0 22
T 28	1 55	10 10	0n26	2 55	1 49	14 1	0 53	6 30	1 9	16 39	1 2	12 2	2 41	5 19	0 49	12 15	0 31	20 48	1 4	12 13	12 49	17 18	11 40	0 22
F 29	2 18	3 32	1 43	2 10	1 47	13 45	0 48	6 16	1 9	16 40	1 2	12 1	2 41	5 20	0 49	12 15	0 31	20 48	1 4	12 14	12 50	17 21	11 39	0 22
S 30	2s42	3n27	2n55	1n24	1n45	13n30	0s43	6n 1	1n 9	16s41	1s 2	11n59	2s41	5s21	0s49	12s16	0s31	20n48	1s 4	12s15	12s51	17s24	11n38	0n22

Julian Day Number = 2515705.5, Delta T = 141.06 sec
Ecliptic obliquity = 23°25'07, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°11'42, Lahiri = 26°18'43

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2175
geocentric

OCTOBER 2175 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 38 39	7♎46'07	17♈ 4	2♎21	23♌ 3	18♍ 6	17°R 5	9°R 7	18°R19	29°R 4	20♋33	27°R40	25♒55	4♏18	29°R29	S 1
M 2	0 42 35	8°45'00	2♉15	4°10	24° 8	18°44	17♒ 3	9♉ 3	18♓17	29♒ 3	20°34	27♒34	25°52	4°24	29♈26	M 2
T 3	0 46 32	9°43'55	17°19	5°59	25°14	19°22	17° 1	8°59	18°14	29° 2	20°34	27°28	25°49	4°31	29°24	T 3
W 4	0 50 28	10°42'51	2♊ 9	7°48	26°20	20° 0	16°59	8°56	18°12	29° 0	20°35	27°23	25°46	4°38	29°21	W 4
T 5	0 54 25	11°41'51	16°38	9°35	27°26	20°38	16°57	8°52	18°10	28°59	20°35	27°18	25°43	4°44	29°18	T 5
F 6	0 58 21	12°40'52	0♋41	11°22	28°32	21°16	16°55	8°48	18° 8	28°58	20°35	27°16	25°40	4°51	29°16	F 6
S 7	1 2 18	13°39'56	14°19	13° 8	29°38	21°54	16°54	8°44	18° 6	28°57	20°36	27°D15	25°36	4°58	29°13	S 7
S 8	1 6 15	14°39'02	27°32	14°54	0♍45	22°32	16°53	8°39	18° 4	28°56	20°36	27°16	25°33	5° 5	29°10	S 8
M 9	1 10 11	15°38'11	10♌25	16°38	1°52	23°10	16°52	8°35	18° 2	28°55	20°36	27°17	25°30	5°11	29° 8	M 9
T 10	1 14 8	16°37'21	23° 0	18°22	2°59	23°48	16°51	8°31	18° 0	28°54	20°37	27°R18	25°27	5°18	29° 5	T 10
W11	1 18 4	17°36'34	5♍21	20° 5	4° 7	24°26	16°51	8°27	17°58	28°53	20°37	27°18	25°24	5°25	29° 2	W11
T 12	1 22 1	18°35'49	17°32	21°47	5°14	25° 4	16°51	8°22	17°56	28°52	20°37	27°15	25°21	5°31	28°59	T 12
F 13	1 25 57	19°35'07	29°35	23°29	6°22	25°42	16°D50	8°18	17°54	28°51	20°37	27°11	25°17	5°38	28°57	F 13
S 14	1 29 54	20°34'26	11♎32	25° 9	7°30	26°20	16°50	8°13	17°52	28°50	20°38	27° 4	25°14	5°45	28°54	S 14
S 15	1 33 50	21°33'48	23°26	26°49	8°38	26°58	16°51	8° 9	17°50	28°50	20°38	26°54	25°11	5°52	28°51	S 15
M16	1 37 47	22°33'11	5♏18	28°29	9°46	27°36	16°51	8° 4	17°48	28°49	20°38	26°44	25° 8	5°58	28°48	M16
T 17	1 41 43	23°32'37	17° 9	0♏ 7	10°55	28°14	16°52	8° 0	17°46	28°48	20°38	26°32	25° 5	6° 5	28°45	T 17
W18	1 45 40	24°32'04	29° 1	1°45	12° 4	28°52	16°53	7°55	17°45	28°47	20°38	26°21	25° 1	6°12	28°43	W18
T 19	1 49 37	25°31'34	10♐57	3°22	13°12	29°30	16°54	7°51	17°43	28°47	20°38	26°12	24°58	6°18	28°40	T 19
F 20	1 53 33	26°31'05	22°58	4°58	14°21	0♎ 8	16°55	7°46	17°41	28°46	20°38	26° 4	24°55	6°25	28°37	F 20
S 21	1 57 30	27°30'38	5♑ 9	6°34	15°31	0°46	16°57	7°41	17°40	28°45	20°38	25°59	24°52	6°32	28°34	S 21
S 22	2 1 26	28°30'13	17°33	8° 9	16°40	1°24	16°58	7°37	17°38	28°45	20°R38	25°57	24°49	6°39	28°31	S 22
M23	2 5 23	29°29'49	0♒14	9°44	17°49	2° 2	17° 0	7°32	17°36	28°44	20°38	25°D56	24°46	6°45	28°28	M23
T 24	2 9 19	0♏29'28	13°17	11°18	18°59	2°40	17° 2	7°27	17°35	28°43	20°38	25°57	24°42	6°52	28°26	T 24
W25	2 13 16	1°29'07	26°46	12°51	20° 9	3°18	17° 5	7°22	17°33	28°43	20°38	25°R57	24°39	6°59	28°23	W25
T 26	2 17 12	2°28'49	10♓43	14°24	21°19	3°56	17° 7	7°18	17°32	28°42	20°38	25°56	24°36	7° 5	28°20	T 26
F 27	2 21 9	3°28'32	25° 9	15°56	22°29	4°34	17°10	7°13	17°30	28°42	20°38	25°53	24°33	7°12	28°17	F 27
S 28	2 25 6	4°28'17	10♈ 1	17°28	23°39	5°12	17°12	7° 8	17°29	28°41	20°38	25°47	24°30	7°19	28°14	S 28
S 29	2 29 2	5°28'04	25°13	18°59	24°49	5°50	17°15	7° 3	17°27	28°41	20°38	25°39	24°27	7°26	28°11	S 29
M30	2 32 59	6°27'53	10♉34	20°30	26° 0	6°28	17°19	6°58	17°26	28°41	20°37	25°29	24°23	7°32	28° 9	M30
T 31	2 36 55	7♏27'44	25♉53	22♏ 0	27♍10	7♎ 6	17♒22	6♉54	17♓25	28♒40	20♋37	25♒19	24♒20	7♏39	28♈ 6	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3 s 5	10n19	3n55	0n37	1n42	13n13	0s38	5n46	1n 9	16s41	1s 2	11n58	2s41	5s22	0s49	12s16	0s31	20n48	1s 4	12s16	12s52	17s26	11n37	0n22
M 2	3 28	16 37	4 40	0s 9	1 38	12 56	0 33	5 31	1 9	16 42	1 2	11 57	2 42	5 23	0 49	12 17	0 31	20 48	1 4	12 18	12 53	17 29	11 36	0 22
T 3	3 51	21 51	5 4	0 56	1 34	12 39	0 28	5 16	1 9	16 43	1 2	11 56	2 42	5 24	0 49	12 17	0 31	20 48	1 4	12 20	12 54	17 32	11 35	0 22
W 4	4 14	25 36	5 8	1 43	1 30	12 22	0 23	5 1	1 9	16 43	1 2	11 54	2 42	5 24	0 49	12 17	0 31	20 48	1 4	12 22	12 55	17 34	11 34	0 22
T 5	4 37	27 35	4 52	2 29	1 25	12 4	0 19	4 46	1 9	16 43	1 2	11 53	2 42	5 25	0 49	12 18	0 31	20 48	1 4	12 24	12 56	17 37	11 33	0 22
F 6	5 0	27 43	4 18	3 15	1 21	11 45	0 14	4 31	1 9	16 44	1 2	11 51	2 42	5 26	0 49	12 18	0 31	20 48	1 3	12 25	12 57	17 39	11 32	0 21
S 7	5 23	26 9	3 31	4 2	1 15	11 27	0 9	4 16	1 9	16 44	1 2	11 50	2 42	5 27	0 49	12 19	0 31	20 48	1 3	12 25	12 58	17 42	11 31	0 21
S 8	5 46	23 9	2 34	4 47	1 10	11 7	0 5	4 1	1 9	16 44	1 2	11 49	2 42	5 28	0 49	12 19	0 31	20 48	1 3	12 25	12 59	17 44	11 30	0 21
M 9	6 9	19 3	1 30	5 33	1 4	10 48	0 0	3 46	1 9	16 45	1 1	11 47	2 42	5 28	0 48	12 19	0 31	20 48	1 3	12 24	13 1	17 47	11 29	0 21
T 10	6 32	14 12	0 23	6 18	0 58	10 28	0n 4	3 31	1 9	16 45	1 1	11 46	2 43	5 29	0 48	12 20	0 31	20 48	1 3	12 24	13 2	17 50	11 28	0 21
W11	6 54	8 52	0s43	7 3	0 52	10 8	0 9	3 15	1 8	16 45	1 1	11 44	2 43	5 30	0 48	12 20	0 31	20 48	1 3	12 24	13 3	17 52	11 27	0 21
T 12	7 17	3 17	1 47	7 47	0 46	9 47	0 13	3 0	1 8	16 45	1 1	11 43	2 43	5 31	0 48	12 20	0 31	20 48	1 3	12 25	13 4	17 55	11 26	0 21
F 13	7 39	2s21	2 44	8 30	0 39	9 26	0 17	2 45	1 8	16 45	1 1	11 41	2 43	5 31	0 48	12 21	0 31	20 48	1 3	12 26	13 5	17 57	11 25	0 21
S 14	8 2	7 51	3 34	9 13	0 33	9 5	0 21	2 30	1 8	16 45	1 1	11 40	2 43	5 32	0 48	12 21	0 31	20 48	1 3	12 29	13 6	18 0	11 24	0 21
S 15	8 24	13 2	4 14	9 56	0 26	8 43	0 25	2 15	1 8	16 44	1 1	11 38	2 43	5 33	0 48	12 21	0 31	20 48	1 3	12 32	13 7	18 2	11 23	0 21
M16	8 46	17 43	4 43	10 37	0 19	8 21	0 29	2 0	1 8	16 44	1 1	11 37	2 43	5 33	0 48	12 21	0 31	20 48	1 3	12 36	13 8	18 5	11 22	0 21
T 17	9 8	21 44	5 0	11 18	0 13	7 59	0 33	1 44	1 8	16 44	1 1	11 35	2 43	5 34	0 48	12 22	0 31	20 48	1 3	12 39	13 9	18 7	11 21	0 21
W18	9 30	24 51	5 3	11 59	0 6	7 36	0 37	1 29	1 8	16 44	1 1	11 34	2 43	5 35	0 48	12 22	0 31	20 48	1 3	12 43	13 10	18 10	11 20	0 21
T 19	9 52	26 55	4 54	12 39	0s 1	7 13	0 41	1 14	1 8	16 43	1 1	11 32	2 43	5 35	0 48	12 22	0 31	20 48	1 3	12 46	13 11	18 13	11 19	0 21
F 20	10 13	27 45	4 31	13 18	0 8	6 50	0 44	0 59	1 8	16 43	1 0	11 31	2 43	5 36	0 48	12 22	0 31	20 48	1 3	12 49	13 12	18 15	11 17	0 20
S 21	10 35	27 15	3 56	13 56	0 15	6 27	0 48	0 44	1 8	16 42	1 0	11 29	2 43	5 37	0 48	12 23	0 31	20 48	1 3	12 51	13 13	18 18	11 16	0 20
S 22	10 56	25 24	3 10	14 33	0 22	6 3	0 51	0 28	1 7	16 42	1 0	11 28	2 43	5 37	0 48	12 23	0 31	20 48	1 3	12 52	13 14	18 20	11 15	0 20
M23	11 17	22 14	2 12	15 10	0 29	5 39	0 55	0 13	1 7	16 41	1 0	11 26	2 43	5 38	0 48	12 23	0 31	20 48	1 3	12 52	13 15	18 23	11 14	0 20
T 24	11 38	17 53	1 7	15 46	0 35	5 15	0 58	0s 2	1 7	16 40	1 0	11 25	2 43	5 39	0 48	12 23	0 31	20 48	1 3	12 52	13 17	18 25	11 13	0 20
W25	11 59	12 31	0n 4	16 21	0 42	4 50	1 1	0 17	1 7	16 39	1 0	11 23	2 43	5 39	0 48	12 23	0 31	20 48	1 3	12 51	13 18	18 28	11 12	0 20
T 26	12 19	6 20	1 18	16 55	0 49	4 26	1 4	0 32	1 7	16 38	1 0	11 22	2 43	5 40	0 48	12 24	0 31	20 48	1 3	12 52	13 19	18 30	11 11	0 20
F 27	12 40	0n21	2 29	17 29	0 55	4 1	1 8	0 47	1 7	16 38	1 0	11 20	2 43	5 40	0 48	12 24	0 31	20 48	1 3	12 53	13 20	18 33	11 10	0 20
S 28	13 0	7 12	3 31	18 1	1 2	3 36	1 10	1 3	1 7	16 37	1 0	11 18	2 43	5 41	0 48	12 24	0 31	20 48	1 3	12 55	13 21	18 35	11 9	0 20
S 29	13 20	13 47	4 20	18 33	1 9	3 11	1 13	1 18	1 7	16 36	0 59	11 17	2 43	5 41	0 48	12 24	0 31	20 48	1 3	12 57	13 22	18 37	11 8	0 20
M30	13 40	19 35	4 51	19 4	1 15	2 45	1 16	1 33	1 6	16 35	0 59	11 15	2 43	5 42	0 48	12 24	0 31	20 48	1 3	13 1	13 23	18 40	11 7	0 20
T 31	13s59	24n 5	5n 1	19s33	1s21	2n20	1n19	1s48	1n 6	16s33	0s59	11n14	2s43	5s42	0s48	12s24	0s31	20n48	1s 3	13s 4	13s24	18s42	11n 6	0n20

Julian Day Number = 2515735.5, Delta T = 141.12 sec
Ecliptic obliquity = 23°25'07, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°11'46, Lahiri = 26°18'47

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2175
geocentric

NOVEMBER 2175 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 40 52	8♏27'37	10♊59	23♏29	28♍21	7♎44	17♒26	6°R49	17°R24	28°R40	20°R37	25°R 9	24♒17	7♏46	28°R 3	W 1
T 2	2 44 48	9°27'32	25°43	24°58	29°32	8°22	17°30	6♉44	17♓22	28♒40	20♋37	25♒ 1	24°14	7°52	28♈ 0	T 2
F 3	2 48 45	10°27'29	9♋58	26°26	0♎43	9° 0	17°34	6°39	17°21	28°39	20°36	24°55	24°11	7°59	27°58	F 3
S 4	2 52 41	11°27'28	23°44	27°54	1°54	9°38	17°38	6°34	17°20	28°39	20°36	24°52	24° 7	8° 6	27°55	S 4
S 5	2 56 38	12°27'29	7♌ 0	29°21	3° 5	10°16	17°42	6°30	17°19	28°39	20°36	24°51	24° 4	8°13	27°52	S 5
M 6	3 0 35	13°27'33	19°52	0♐48	4°17	10°54	17°47	6°25	17°18	28°39	20°35	24°50	24° 1	8°19	27°49	M 6
T 7	3 4 31	14°27'39	2♍22	2°14	5°28	11°32	17°51	6°20	17°17	28°39	20°35	24°50	23°58	8°26	27°47	T 7
W 8	3 8 28	15°27'46	14°37	3°39	6°40	12°10	17°56	6°15	17°16	28°39	20°35	24°49	23°55	8°33	27°44	W 8
T 9	3 12 24	16°27'56	26°40	5° 4	7°52	12°48	18° 1	6°11	17°15	28°39	20°34	24°45	23°52	8°39	27°41	T 9
F 10	3 16 21	17°28'08	8♎36	6°28	9° 3	13°26	18° 6	6° 6	17°14	28°D39	20°34	24°39	23°48	8°46	27°39	F 10
S 11	3 20 17	18°28'21	20°28	7°51	10°15	14° 4	18°12	6° 1	17°14	28°39	20°33	24°29	23°45	8°53	27°36	S 11
S 12	3 24 14	19°28'37	2♏19	9°13	11°27	14°42	18°17	5°57	17°13	28°39	20°33	24°17	23°42	9° 0	27°33	S 12
M13	3 28 10	20°28'54	14°10	10°34	12°40	15°20	18°23	5°52	17°12	28°39	20°32	24° 2	23°39	9° 6	27°31	M13
T 14	3 32 7	21°29'14	26° 4	11°54	13°52	15°58	18°29	5°47	17°11	28°39	20°32	23°47	23°36	9°13	27°28	T 14
W15	3 36 4	22°29'35	8♐ 2	13°13	15° 4	16°36	18°35	5°43	17°11	28°39	20°31	23°33	23°32	9°20	27°26	W15
T 16	3 40 0	23°29'57	20° 4	14°31	16°16	17°14	18°42	5°38	17°10	28°39	20°30	23°20	23°29	9°27	27°23	T 16
F 17	3 43 57	24°30'21	2♑12	15°47	17°29	17°52	18°48	5°34	17°10	28°39	20°30	23° 9	23°26	9°33	27°21	F 17
S 18	3 47 53	25°30'47	14°28	17° 2	18°41	18°29	18°55	5°30	17° 9	28°40	20°29	23° 1	23°23	9°40	27°19	S 18
S 19	3 51 50	26°31'14	26°55	18°14	19°54	19° 7	19° 1	5°25	17° 9	28°40	20°29	22°57	23°20	9°47	27°16	S 19
M20	3 55 46	27°31'42	9♒37	19°25	21° 7	19°45	19° 8	5°21	17° 9	28°40	20°28	22°55	23°17	9°53	27°14	M20
T 21	3 59 43	28°32'12	22°36	20°33	22°20	20°23	19°15	5°17	17° 8	28°41	20°27	22°55	23°13	10° 0	27°11	T 21
W22	4 3 40	29°32'43	5♓56	21°39	23°32	21° 1	19°23	5°13	17° 8	28°41	20°27	22°54	23°10	10° 7	27° 9	W22
T 23	4 7 36	0♐33'15	19°42	22°41	24°45	21°39	19°30	5° 8	17° 8	28°41	20°26	22°53	23° 7	10°14	27° 7	T 23
F 24	4 11 33	1°33'48	3♈53	23°40	25°58	22°17	19°38	5° 4	17° 8	28°42	20°25	22°50	23° 4	10°20	27° 5	F 24
S 25	4 15 29	2°34'22	18°30	24°35	27°11	22°55	19°45	5° 0	17° 8	28°42	20°24	22°45	23° 1	10°27	27° 2	S 25
S 26	4 19 26	3°34'58	3♉28	25°26	28°25	23°33	19°53	4°57	17°D 8	28°43	20°23	22°36	22°58	10°34	27° 0	S 26
M27	4 23 22	4°35'35	18°40	26°12	29°38	24°11	20° 1	4°53	17° 8	28°44	20°23	22°26	22°54	10°40	26°58	M27
T 28	4 27 19	5°36'13	3♊55	26°52	0♏51	24°49	20° 9	4°49	17° 8	28°44	20°22	22°14	22°51	10°47	26°56	T 28
W29	4 31 15	6°36'53	19° 3	27°25	2° 4	25°27	20°18	4°45	17° 8	28°45	20°21	22° 4	22°48	10°54	26°54	W29
T 30	4 35 12	7♐37'34	3♋52	27♐52	3♏18	26♎ 5	20♒26	4♉42	17♓ 8	28♒45	20♋20	21♒54	22♒45	11♏ 1	26♈52	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14s19	26n51	4n50	20s 2	1s27	1n54	1n21	2s 3	1n 6	16s32	0s59	11n12	2s43	5s43	0s48	12s24	0s31	20n48	1s 3	13s 8	13s25	18s45	11n 4	0n19
T 2	14 38	27 41	4 20	20 30	1 33	1 28	1 24	2 18	1 6	16 31	0 59	11 11	2 43	5 43	0 48	12 25	0 31	20 49	1 3	13 10	13 26	18 47	11 3	0 19
F 3	14 57	26 36	3 34	20 57	1 39	1 2	1 26	2 33	1 6	16 30	0 59	11 9	2 43	5 44	0 48	12 25	0 31	20 49	1 3	13 12	13 27	18 50	11 2	0 19
S 4	15 15	23 55	2 37	21 22	1 45	0 36	1 29	2 48	1 6	16 28	0 59	11 8	2 43	5 44	0 48	12 25	0 31	20 49	1 2	13 13	13 28	18 52	11 1	0 19
S 5	15 34	20 0	1 33	21 47	1 50	0 10	1 31	3 3	1 6	16 27	0 59	11 6	2 43	5 44	0 48	12 25	0 31	20 49	1 2	13 14	13 29	18 55	11 0	0 19
M 6	15 52	15 16	0 26	22 11	1 55	0s17	1 33	3 18	1 5	16 25	0 59	11 5	2 43	5 45	0 48	12 25	0 31	20 49	1 2	13 14	13 30	18 57	10 59	0 19
T 7	16 10	10 0	0s40	22 33	2 0	0 43	1 35	3 33	1 5	16 24	0 59	11 3	2 43	5 45	0 48	12 25	0 31	20 49	1 2	13 14	13 31	19 0	10 58	0 19
W 8	16 27	4 29	1 43	22 55	2 5	1 10	1 37	3 48	1 5	16 22	0 58	11 2	2 43	5 45	0 48	12 25	0 31	20 49	1 2	13 14	13 32	19 2	10 57	0 19
T 9	16 45	1s 7	2 40	23 15	2 10	1 36	1 39	4 3	1 5	16 20	0 58	11 0	2 43	5 46	0 48	12 25	0 31	20 49	1 2	13 16	13 33	19 4	10 56	0 19
F 10	17 2	6 36	3 29	23 34	2 14	2 3	1 40	4 18	1 5	16 19	0 58	10 59	2 43	5 46	0 48	12 25	0 31	20 49	1 2	13 18	13 34	19 7	10 55	0 19
S 11	17 19	11 50	4 9	23 52	2 18	2 30	1 42	4 33	1 5	16 17	0 58	10 57	2 43	5 46	0 47	12 25	0 31	20 49	1 2	13 21	13 35	19 9	10 54	0 19
S 12	17 35	16 36	4 38	24 9	2 22	2 56	1 43	4 48	1 4	16 15	0 58	10 56	2 42	5 46	0 47	12 25	0 31	20 49	1 2	13 25	13 37	19 12	10 53	0 19
M13	17 51	20 46	4 55	24 24	2 25	3 23	1 45	5 3	1 4	16 13	0 58	10 55	2 42	5 47	0 47	12 25	0 31	20 50	1 2	13 30	13 38	19 14	10 52	0 18
T 14	18 7	24 5	4 59	24 39	2 28	3 50	1 46	5 17	1 4	16 11	0 58	10 53	2 42	5 47	0 47	12 25	0 31	20 50	1 2	13 35	13 39	19 16	10 51	0 18
W15	18 23	26 24	4 50	24 52	2 31	4 17	1 47	5 32	1 4	16 9	0 58	10 52	2 42	5 47	0 47	12 25	0 31	20 50	1 2	13 40	13 40	19 19	10 50	0 18
T 16	18 38	27 30	4 28	25 3	2 33	4 43	1 49	5 47	1 4	16 7	0 58	10 51	2 42	5 47	0 47	12 25	0 31	20 50	1 2	13 44	13 41	19 21	10 49	0 18
F 17	18 53	27 17	3 53	25 13	2 35	5 10	1 50	6 1	1 3	16 5	0 57	10 49	2 42	5 47	0 47	12 25	0 31	20 50	1 2	13 47	13 42	19 24	10 48	0 18
S 18	19 7	25 45	3 8	25 22	2 36	5 37	1 51	6 16	1 3	16 3	0 57	10 48	2 42	5 48	0 47	12 24	0 31	20 50	1 2	13 50	13 43	19 26	10 47	0 18
S 19	19 22	22 55	2 13	25 30	2 37	6 3	1 51	6 31	1 3	16 1	0 57	10 47	2 42	5 48	0 47	12 24	0 31	20 50	1 2	13 51	13 44	19 28	10 46	0 18
M20	19 35	18 57	1 10	25 36	2 37	6 30	1 52	6 45	1 3	15 59	0 57	10 45	2 41	5 48	0 47	12 24	0 31	20 51	1 2	13 52	13 45	19 31	10 45	0 18
T 21	19 49	14 0	0 2	25 41	2 36	6 56	1 53	7 0	1 3	15 56	0 57	10 44	2 41	5 48	0 47	12 24	0 31	20 51	1 2	13 52	13 46	19 33	10 44	0 18
W22	20 2	8 16	1n 8	25 44	2 35	7 23	1 53	7 14	1 2	15 54	0 57	10 43	2 41	5 48	0 47	12 24	0 31	20 51	1 2	13 52	13 47	19 35	10 43	0 18
T 23	20 15	1 59	2 16	25 46	2 33	7 49	1 54	7 28	1 2	15 52	0 57	10 42	2 41	5 48	0 47	12 24	0 31	20 51	1 2	13 52	13 48	19 38	10 43	0 18
F 24	20 27	4n35	3 18	25 46	2 31	8 15	1 54	7 43	1 2	15 49	0 57	10 40	2 41	5 48	0 47	12 24	0 30	20 51	1 2	13 53	13 49	19 40	10 42	0 17
S 25	20 39	11 5	4 9	25 45	2 27	8 41	1 55	7 57	1 2	15 47	0 57	10 39	2 41	5 48	0 47	12 23	0 30	20 51	1 2	13 55	13 50	19 42	10 41	0 17
S 26	20 51	17 7	4 44	25 43	2 23	9 7	1 55	8 11	1 2	15 44	0 57	10 38	2 40	5 48	0 47	12 23	0 30	20 51	1 2	13 58	13 51	19 45	10 40	0 17
M27	21 2	22 10	5 0	25 39	2 17	9 32	1 55	8 25	1 1	15 41	0 57	10 37	2 40	5 48	0 47	12 23	0 30	20 52	1 2	14 1	13 52	19 47	10 39	0 17
T 28	21 13	25 44	4 54	25 33	2 11	9 58	1 55	8 39	1 1	15 39	0 56	10 36	2 40	5 48	0 47	12 23	0 30	20 52	1 2	14 5	13 53	19 49	10 38	0 17
W29	21 24	27 25	4 28	25 26	2 3	10 23	1 55	8 53	1 1	15 36	0 56	10 35	2 40	5 48	0 47	12 23	0 30	20 52	1 1	14 9	13 54	19 52	10 37	0 17
T 30	21s34	27n 6	3n44	25s18	1s54	10s48	1n55	9s 7	1n 1	15s33	0s56	10n34	2s40	5s48	0s47	12s22	0s30	20n52	1s 1	14s12	13s55	19s54	10n37	0n17

Julian Day Number = 2515766.5, Delta T = 141.19 sec
Ecliptic obliquity = 23°25'07, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°11'51, Lahiri = 26°18'51

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2175
geocentric

DECEMBER 2175 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 39 9	8♐38'17	18♋16	28♐11	4♏31	26♎43	20♒35	4°R38	17♓ 8	28♒46	20°R19	21°R48	22♒42	11♏ 7	26°R50	F 1
S 2	4 43 5	9°39'01	2♌11	28°21	5°45	27°21	20°43	4♉34	17° 8	28°47	20♋18	21♒44	22°39	11°14	26♈48	S 2
S 3	4 47 2	10°39'47	15°35	28°R21	6°58	27°58	20°52	4°31	17° 9	28°48	20°17	21°42	22°35	11°21	26°46	S 3
M 4	4 50 58	11°40'34	28°33	28°11	8°12	28°36	21° 1	4°28	17° 9	28°48	20°16	21°D42	22°32	11°27	26°45	M 4
T 5	4 54 55	12°41'22	11♍ 7	27°51	9°26	29°14	21°10	4°24	17° 9	28°49	20°16	21°R43	22°29	11°34	26°43	T 5
W 6	4 58 51	13°42'12	23°22	27°19	10°40	29°52	21°20	4°21	17°10	28°50	20°15	21°42	22°26	11°41	26°41	W 6
T 7	5 2 48	14°43'03	5♎25	26°36	11°53	0♏30	21°29	4°18	17°10	28°51	20°14	21°40	22°23	11°48	26°39	T 7
F 8	5 6 44	15°43'56	17°19	25°43	13° 7	1° 8	21°38	4°15	17°11	28°52	20°13	21°35	22°19	11°54	26°38	F 8
S 9	5 10 41	16°44'50	29° 9	24°39	14°21	1°46	21°48	4°12	17°12	28°53	20°12	21°28	22°16	12° 1	26°36	S 9
S 10	5 14 38	17°45'45	11♏ 0	23°28	15°35	2°24	21°58	4° 9	17°12	28°54	20°11	21°18	22°13	12° 8	26°35	S 10
M11	5 18 34	18°46'41	22°54	22°10	16°49	3° 2	22° 8	4° 7	17°13	28°55	20°10	21° 6	22°10	12°15	26°33	M11
T 12	5 22 31	19°47'39	4♐52	20°48	18° 3	3°40	22°18	4° 4	17°14	28°56	20° 8	20°54	22° 7	12°21	26°32	T 12
W13	5 26 27	20°48'37	16°57	19°25	19°17	4°18	22°28	4° 2	17°14	28°57	20° 7	20°42	22° 4	12°28	26°30	W13
T 14	5 30 24	21°49'37	29°10	18° 3	20°31	4°55	22°38	3°59	17°15	28°58	20° 6	20°31	22° 0	12°35	26°29	T 14
F 15	5 34 20	22°50'37	11♑31	16°46	21°46	5°33	22°48	3°57	17°16	28°59	20° 5	20°22	21°57	12°41	26°28	F 15
S 16	5 38 17	23°51'38	24° 2	15°36	23° 0	6°11	22°59	3°55	17°17	29° 1	20° 4	20°16	21°54	12°48	26°26	S 16
S 17	5 42 13	24°52'40	6♒42	14°34	24°14	6°49	23°10	3°52	17°18	29° 2	20° 3	20°13	21°51	12°55	26°25	S 17
M18	5 46 10	25°53'42	19°34	13°43	25°28	7°27	23°20	3°50	17°19	29° 3	20° 2	20°D12	21°48	13° 2	26°24	M18
T 19	5 50 7	26°54'45	2♓41	13° 2	26°43	8° 5	23°31	3°48	17°20	29° 4	20° 1	20°12	21°45	13° 8	26°23	T 19
W20	5 54 3	27°55'48	16° 3	12°32	27°57	8°42	23°42	3°47	17°22	29° 6	20° 0	20°13	21°41	13°15	26°22	W20
T 21	5 58 0	28°56'51	29°43	12°13	29°11	9°20	23°53	3°45	17°23	29° 7	19°58	20°R14	21°38	13°22	26°21	T 21
F 22	6 1 56	29°57'55	13♈42	12°D 5	0♐26	9°58	24° 4	3°43	17°24	29° 8	19°57	20°13	21°35	13°28	26°20	F 22
S 23	6 5 53	0♑58'59	28° 1	12° 7	1°40	10°36	24°15	3°42	17°25	29°10	19°56	20°10	21°32	13°35	26°19	S 23
S 24	6 9 49	2° 0'04	12♉37	12°18	2°55	11°14	24°27	3°40	17°27	29°11	19°55	20° 5	21°29	13°42	26°19	S 24
M25	6 13 46	3° 1'08	27°25	12°38	4° 9	11°51	24°38	3°39	17°28	29°12	19°54	19°58	21°25	13°49	26°18	M25
T 26	6 17 42	4° 2'13	12♊18	13° 5	5°24	12°29	24°50	3°38	17°30	29°14	19°52	19°51	21°22	13°55	26°17	T 26
W27	6 21 39	5° 3'19	27° 7	13°40	6°38	13° 7	25° 1	3°37	17°31	29°15	19°51	19°43	21°19	14° 2	26°16	W27
T 28	6 25 36	6° 4'25	11♋45	14°21	7°53	13°45	25°13	3°36	17°33	29°17	19°50	19°37	21°16	14° 9	26°16	T 28
F 29	6 29 32	7° 5'31	26° 3	15° 7	9° 7	14°23	25°25	3°35	17°34	29°18	19°49	19°33	21°13	14°16	26°15	F 29
S 30	6 33 29	8° 6'37	9♌58	15°58	10°22	15° 0	25°37	3°34	17°36	29°20	19°48	19°31	21°10	14°22	26°15	S 30
S 31	6 37 25	9♑ 7'44	23♌27	16♐53	11♐36	15♏38	25♒49	3♉34	17♓38	29♒22	19♋46	19°D30	21♒ 6	14♏29	26♈15	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21s43	24n56	2n47	25s 8	1s43	11s13	1n55	9s21	1n 0	15s30	0s56	10n33	2s40	5s48	0s47	12s22	0s30	20n52	1s 1	14s14	13s56	19s56	10n36	0n17
S 2	21 53	21 18	1 42	24 56	1 32	11 38	1 54	9 35	1 0	15 28	0 56	10 32	2 39	5 48	0 47	12 22	0 30	20 52	1 1	14 15	13 57	19 59	10 35	0 17
S 3	22 2	16 40	0 32	24 43	1 19	12 2	1 54	9 49	1 0	15 25	0 56	10 31	2 39	5 47	0 47	12 22	0 30	20 53	1 1	14 15	13 58	20 1	10 34	0 17
M 4	22 10	11 24	0s36	24 28	1 4	12 26	1 53	10 3	1 0	15 22	0 56	10 30	2 39	5 47	0 47	12 21	0 30	20 53	1 1	14 15	13 59	20 3	10 34	0 17
T 5	22 18	5 50	1 41	24 12	0 48	12 50	1 53	10 16	0 59	15 19	0 56	10 29	2 39	5 47	0 47	12 21	0 30	20 53	1 1	14 15	14 0	20 5	10 33	0 16
W 6	22 26	0 11	2 40	23 54	0 31	13 14	1 52	10 30	0 59	15 16	0 56	10 28	2 38	5 47	0 46	12 21	0 30	20 53	1 1	14 16	14 1	20 8	10 32	0 16
T 7	22 33	5s22	3 30	23 34	0 12	13 37	1 51	10 43	0 59	15 13	0 56	10 28	2 38	5 47	0 46	12 20	0 30	20 53	1 1	14 16	14 2	20 10	10 31	0 16
F 8	22 39	10 39	4 11	23 13	0n 7	14 0	1 51	10 57	0 58	15 9	0 56	10 27	2 38	5 46	0 46	12 20	0 30	20 54	1 1	14 18	14 4	20 12	10 31	0 16
S 9	22 46	15 32	4 40	22 51	0 28	14 23	1 50	11 10	0 58	15 6	0 56	10 26	2 38	5 46	0 46	12 20	0 30	20 54	1 1	14 20	14 5	20 15	10 30	0 16
S 10	22 51	19 50	4 58	22 28	0 48	14 45	1 49	11 23	0 58	15 3	0 55	10 25	2 38	5 46	0 46	12 19	0 30	20 54	1 1	14 23	14 6	20 17	10 29	0 16
M11	22 57	23 21	5 2	22 3	1 8	15 7	1 48	11 37	0 58	15 0	0 55	10 25	2 37	5 45	0 46	12 19	0 30	20 54	1 1	14 27	14 7	20 19	10 29	0 16
T 12	23 2	25 54	4 54	21 39	1 27	15 29	1 47	11 50	0 57	14 56	0 55	10 24	2 37	5 45	0 46	12 19	0 30	20 54	1 1	14 31	14 8	20 21	10 28	0 16
W13	23 6	27 17	4 32	21 15	1 45	15 50	1 45	12 3	0 57	14 53	0 55	10 23	2 37	5 45	0 46	12 18	0 30	20 55	1 1	14 35	14 9	20 24	10 28	0 16
T 14	23 10	27 22	3 57	20 52	2 2	16 11	1 44	12 16	0 57	14 50	0 55	10 23	2 37	5 44	0 46	12 18	0 30	20 55	1 1	14 38	14 10	20 26	10 27	0 16
F 15	23 14	26 6	3 11	20 30	2 16	16 32	1 43	12 29	0 56	14 46	0 55	10 22	2 36	5 44	0 46	12 17	0 30	20 55	1 1	14 41	14 11	20 28	10 27	0 16
S 16	23 17	23 30	2 15	20 11	2 28	16 52	1 41	12 41	0 56	14 43	0 55	10 22	2 36	5 44	0 46	12 17	0 30	20 55	1 1	14 43	14 12	20 30	10 26	0 15
S 17	23 19	19 44	1 12	19 54	2 38	17 12	1 40	12 54	0 56	14 39	0 55	10 21	2 36	5 43	0 46	12 17	0 30	20 55	1 1	14 44	14 13	20 32	10 26	0 15
M18	23 21	14 59	0 3	19 41	2 46	17 31	1 38	13 7	0 55	14 36	0 55	10 21	2 35	5 43	0 46	12 16	0 30	20 56	1 1	14 44	14 14	20 35	10 25	0 15
T 19	23 23	9 29	1n 7	19 31	2 51	17 50	1 37	13 19	0 55	14 32	0 55	10 20	2 35	5 42	0 46	12 16	0 30	20 56	1 1	14 44	14 15	20 37	10 25	0 15
W20	23 24	3 26	2 14	19 24	2 54	18 8	1 35	13 32	0 55	14 28	0 55	10 20	2 35	5 42	0 46	12 15	0 30	20 56	1 0	14 44	14 16	20 39	10 24	0 15
T 21	23 25	2n53	3 16	19 21	2 55	18 26	1 34	13 44	0 54	14 25	0 55	10 20	2 35	5 41	0 46	12 15	0 30	20 56	1 0	14 44	14 17	20 41	10 24	0 15
F 22	23 25	9 12	4 7	19 20	2 55	18 44	1 32	13 56	0 54	14 21	0 55	10 19	2 34	5 41	0 46	12 14	0 30	20 56	1 0	14 44	14 18	20 43	10 23	0 15
S 23	23 25	15 11	4 45	19 22	2 53	19 1	1 30	14 8	0 54	14 17	0 55	10 19	2 34	5 40	0 46	12 14	0 30	20 57	1 0	14 45	14 19	20 46	10 23	0 15
S 24	23 24	20 27	5 5	19 27	2 49	19 17	1 28	14 20	0 53	14 13	0 55	10 19	2 34	5 40	0 46	12 13	0 30	20 57	1 0	14 47	14 20	20 48	10 22	0 15
M25	23 23	24 30	5 5	19 34	2 45	19 33	1 26	14 32	0 53	14 9	0 54	10 19	2 34	5 39	0 46	12 13	0 30	20 57	1 0	14 49	14 21	20 50	10 22	0 15
T 26	23 21	26 57	4 44	19 42	2 40	19 48	1 24	14 44	0 53	14 5	0 54	10 19	2 33	5 38	0 46	12 12	0 30	20 57	1 0	14 51	14 22	20 52	10 22	0 15
W27	23 19	27 28	4 5	19 53	2 34	20 3	1 22	14 56	0 52	14 1	0 54	10 19	2 33	5 38	0 46	12 12	0 30	20 58	1 0	14 53	14 23	20 54	10 21	0 14
T 28	23 17	26 3	3 10	20 4	2 27	20 17	1 20	15 8	0 52	13 57	0 54	10 19	2 33	5 37	0 46	12 11	0 30	20 58	1 0	14 55	14 24	20 56	10 21	0 14
F 29	23 14	22 56	2 3	20 16	2 20	20 31	1 18	15 19	0 51	13 53	0 54	10 19	2 32	5 36	0 46	12 11	0 30	20 58	1 0	14 57	14 25	20 59	10 21	0 14
S 30	23 10	18 34	0 51	20 29	2 12	20 44	1 16	15 31	0 51	13 49	0 54	10 19	2 32	5 36	0 46	12 10	0 30	20 58	1 0	14 57	14 26	21 1	10 21	0 14
S 31	23s 6	13n21	0s21	20s43	2n 4	20s57	1n14	15s42	0n51	13s45	0s54	10n19	2s32	5s35	0s46	12s10	0s30	20n59	1s 0	14s57	14s27	21s 3	10n20	0n14

Julian Day Number = 2515796.5, Delta T = 141.26 sec
Ecliptic obliquity = 23°25'06, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°11'55, Lahiri = 26°18'55

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2176
geocentric

JANUARY 2176 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 41 22	10♑ 8'51	6♍30	17♐53	12♐51	16♏16	26♒ 1	3°R33	17♓39	29♒23	19°R45	19♒31	21♒ 3	14♏36	26°R14	M 1
T 2	6 45 18	11° 9'59	19°10	18°56	14° 6	16°54	26°13	3♉33	17°41	29°25	19♋44	19°33	21° 0	14°42	26♈14	T 2
W 3	6 49 15	12°11'07	1♎30	20° 1	15°20	17°31	26°25	3°32	17°43	29°27	19°43	19°34	20°57	14°49	26°14	W 3
T 4	6 53 12	13°12'16	13°36	21°10	16°35	18° 9	26°37	3°32	17°45	29°28	19°41	19°R35	20°54	14°56	26°13	T 4
F 5	6 57 8	14°13'25	25°33	22°21	17°50	18°47	26°50	3°D32	17°47	29°30	19°40	19°34	20°51	15° 3	26°13	F 5
S 6	7 1 5	15°14'34	7♏24	23°34	19° 5	19°24	27° 2	3°32	17°49	29°32	19°39	19°32	20°47	15° 9	26°D13	S 6
S 7	7 5 1	16°15'44	19°16	24°49	20°19	20° 2	27°15	3°32	17°51	29°34	19°37	19°28	20°44	15°16	26°13	S 7
M 8	7 8 58	17°16'54	1♐12	26° 5	21°34	20°40	27°27	3°32	17°53	29°35	19°36	19°23	20°41	15°23	26°13	M 8
T 9	7 12 54	18°18'04	13°15	27°23	22°49	21°17	27°40	3°33	17°55	29°37	19°35	19°17	20°38	15°30	26°14	T 9
W10	7 16 51	19°19'14	25°28	28°42	24° 4	21°55	27°53	3°33	17°57	29°39	19°34	19°11	20°35	15°36	26°14	W10
T 11	7 20 47	20°20'25	7♑52	0♑ 3	25°19	22°33	28° 6	3°34	17°59	29°41	19°32	19° 6	20°31	15°43	26°14	T 11
F 12	7 24 44	21°21'35	20°28	1°25	26°34	23°10	28°19	3°35	18° 1	29°43	19°31	19° 2	20°28	15°50	26°14	F 12
S 13	7 28 41	22°22'44	3♒18	2°48	27°48	23°48	28°32	3°35	18° 4	29°45	19°30	19° 0	20°25	15°56	26°15	S 13
S 14	7 32 37	23°23'54	16°20	4°11	29° 3	24°25	28°45	3°36	18° 6	29°46	19°29	18°D59	20°22	16° 3	26°15	S 14
M15	7 36 34	24°25'03	29°34	5°36	0♑18	25° 3	28°58	3°37	18° 8	29°48	19°27	18°59	20°19	16°10	26°15	M15
T 16	7 40 30	25°26'12	13♓ 0	7° 1	1°33	25°41	29°11	3°39	18°11	29°50	19°26	19° 0	20°16	16°17	26°16	T 16
W17	7 44 27	26°27'20	26°38	8°27	2°48	26°18	29°24	3°40	18°13	29°52	19°25	19° 2	20°12	16°23	26°17	W17
T 18	7 48 23	27°28'27	10♈27	9°54	4° 3	26°56	29°37	3°41	18°15	29°54	19°24	19° 3	20° 9	16°30	26°17	T 18
F 19	7 52 20	28°29'34	24°26	11°22	5°18	27°33	29°51	3°43	18°18	29°56	19°22	19°R 4	20° 6	16°37	26°18	F 19
S 20	7 56 16	29°30'39	8♉36	12°50	6°33	28°11	0♓ 4	3°44	18°20	29°58	19°21	19° 4	20° 3	16°43	26°19	S 20
S 21	8 0 13	0♒31'45	22°53	14°19	7°47	28°48	0°18	3°46	18°23	0♓ 0	19°20	19° 3	20° 0	16°50	26°19	S 21
M22	8 4 10	1°32'49	7♊15	15°48	9° 2	29°26	0°31	3°48	18°25	0° 2	19°19	19° 1	19°57	16°57	26°20	M22
T 23	8 8 6	2°33'52	21°38	17°18	10°17	0♐ 3	0°45	3°50	18°28	0° 4	19°17	18°59	19°53	17° 4	26°21	T 23
W24	8 12 3	3°34'55	5♋58	18°49	11°32	0°40	0°58	3°52	18°31	0° 7	19°16	18°56	19°50	17°10	26°22	W24
T 25	8 15 59	4°35'57	20° 9	20°20	12°47	1°18	1°12	3°54	18°33	0° 9	19°15	18°55	19°47	17°17	26°23	T 25
F 26	8 19 56	5°36'58	4♌ 7	21°52	14° 2	1°55	1°26	3°56	18°36	0°11	19°14	18°53	19°44	17°24	26°24	F 26
S 27	8 23 52	6°37'59	17°48	23°25	15°17	2°32	1°39	3°58	18°39	0°13	19°12	18°D53	19°41	17°31	26°26	S 27
S 28	8 27 49	7°38'58	1♍ 9	24°58	16°32	3°10	1°53	4° 1	18°42	0°15	19°11	18°53	19°37	17°37	26°27	S 28
M29	8 31 45	8°39'57	14°10	26°32	17°47	3°47	2° 7	4° 3	18°44	0°17	19°10	18°54	19°34	17°44	26°28	M29
T 30	8 35 42	9°40'55	26°51	28° 6	19° 2	4°24	2°21	4° 6	18°47	0°19	19° 9	18°55	19°31	17°51	26°29	T 30
W31	8 39 39	10♒41'53	9♎15	29♑41	20♑17	5♐ 2	2♓35	4♉ 9	18♓50	0♓21	19♋ 8	18♒56	19♒28	17♏57	26♈31	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23s 2	7n43	1s31	20s56	1n56	21s 8	1n11	15s53	0n50	13s41	0s54	10n19	2s32	5s34	0s45	12s 9	0s30	20n59	1s 0	14s57	14s28	21s 5	10n20	0n14
T 2	22 57	1 55	2 34	21 10	1 48	21 20	1 9	16 4	0 50	13 37	0 54	10 19	2 31	5 34	0 45	12 8	0 30	20 59	1 0	14 57	14 29	21 7	10 20	0 14
W 3	22 52	3s47	3 28	21 24	1 39	21 31	1 7	16 15	0 49	13 33	0 54	10 19	2 31	5 33	0 45	12 8	0 30	20 59	1 0	14 56	14 30	21 9	10 20	0 14
T 4	22 46	9 14	4 12	21 37	1 31	21 41	1 4	16 26	0 49	13 29	0 54	10 19	2 31	5 32	0 45	12 7	0 30	21 0	1 0	14 56	14 31	21 11	10 20	0 14
F 5	22 40	14 17	4 45	21 50	1 22	21 50	1 2	16 37	0 49	13 24	0 54	10 19	2 30	5 31	0 45	12 7	0 30	21 0	1 0	14 56	14 32	21 13	10 20	0 14
S 6	22 33	18 46	5 4	22 3	1 13	21 59	0 59	16 48	0 48	13 20	0 54	10 20	2 30	5 31	0 45	12 6	0 30	21 0	1 0	14 57	14 33	21 15	10 19	0 14
S 7	22 26	22 31	5 11	22 14	1 5	22 7	0 57	16 58	0 48	13 16	0 54	10 20	2 30	5 30	0 45	12 5	0 30	21 0	0 59	14 58	14 34	21 18	10 19	0 13
M 8	22 18	25 21	5 5	22 26	0 56	22 15	0 54	17 9	0 47	13 11	0 54	10 20	2 30	5 29	0 45	12 5	0 30	21 0	0 59	15 0	14 35	21 20	10 19	0 13
T 9	22 10	27 5	4 45	22 36	0 47	22 22	0 52	17 19	0 47	13 7	0 54	10 21	2 29	5 28	0 45	12 4	0 30	21 1	0 59	15 2	14 36	21 22	10 19	0 13
W10	22 2	27 32	4 12	22 46	0 39	22 28	0 49	17 29	0 46	13 2	0 54	10 21	2 29	5 27	0 45	12 3	0 30	21 1	0 59	15 3	14 37	21 24	10 19	0 13
T 11	21 53	26 37	3 26	22 54	0 31	22 33	0 47	17 39	0 46	12 58	0 54	10 22	2 29	5 26	0 45	12 3	0 30	21 1	0 59	15 5	14 38	21 26	10 19	0 13
F 12	21 43	24 20	2 30	23 2	0 22	22 38	0 44	17 49	0 45	12 54	0 54	10 22	2 28	5 25	0 45	12 2	0 30	21 1	0 59	15 6	14 39	21 28	10 19	0 13
S 13	21 34	20 47	1 25	23 9	0 14	22 42	0 42	17 59	0 45	12 49	0 54	10 23	2 28	5 25	0 45	12 1	0 30	21 2	0 59	15 7	14 40	21 30	10 19	0 13
S 14	21 24	16 10	0 15	23 15	0 6	22 46	0 39	18 9	0 44	12 44	0 54	10 23	2 28	5 24	0 45	12 1	0 30	21 2	0 59	15 7	14 41	21 32	10 19	0 13
M15	21 13	10 43	0n58	23 20	0s 2	22 49	0 36	18 18	0 44	12 40	0 54	10 24	2 27	5 23	0 45	12 0	0 30	21 2	0 59	15 7	14 42	21 34	10 20	0 13
T 16	21 2	4 42	2 8	23 23	0 9	22 51	0 34	18 28	0 43	12 35	0 54	10 25	2 27	5 22	0 45	11 59	0 30	21 2	0 59	15 7	14 43	21 36	10 20	0 13
W17	20 51	1n36	3 13	23 26	0 17	22 52	0 31	18 37	0 43	12 31	0 54	10 25	2 27	5 21	0 45	11 59	0 30	21 3	0 59	15 6	14 44	21 38	10 20	0 13
T 18	20 39	7 55	4 6	23 27	0 24	22 53	0 28	18 46	0 42	12 26	0 54	10 26	2 27	5 20	0 45	11 58	0 30	21 3	0 59	15 6	14 45	21 40	10 20	0 13
F 19	20 27	13 54	4 47	23 27	0 31	22 53	0 26	18 55	0 42	12 21	0 54	10 27	2 26	5 19	0 45	11 57	0 30	21 3	0 59	15 6	14 46	21 42	10 20	0 12
S 20	20 14	19 14	5 10	23 26	0 38	22 52	0 23	19 4	0 41	12 16	0 54	10 28	2 26	5 18	0 45	11 57	0 30	21 3	0 59	15 6	14 47	21 44	10 20	0 12
S 21	20 1	23 32	5 14	23 24	0 45	22 51	0 20	19 13	0 41	12 12	0 54	10 29	2 26	5 17	0 45	11 56	0 30	21 4	0 59	15 6	14 48	21 46	10 20	0 12
M22	19 48	26 25	4 59	23 20	0 51	22 49	0 18	19 21	0 40	12 7	0 54	10 29	2 25	5 16	0 45	11 55	0 30	21 4	0 58	15 7	14 49	21 48	10 21	0 12
T 23	19 34	27 34	4 26	23 15	0 58	22 46	0 15	19 30	0 40	12 2	0 54	10 30	2 25	5 15	0 45	11 55	0 30	21 4	0 58	15 7	14 50	21 50	10 21	0 12
W24	19 20	26 52	3 35	23 9	1 4	22 43	0 12	19 38	0 39	11 57	0 54	10 31	2 25	5 14	0 45	11 54	0 30	21 4	0 58	15 8	14 51	21 52	10 21	0 12
T 25	19 6	24 25	2 32	23 2	1 10	22 39	0 10	19 46	0 39	11 52	0 54	10 32	2 25	5 13	0 45	11 53	0 30	21 5	0 58	15 9	14 52	21 54	10 22	0 12
F 26	18 51	20 31	1 21	22 53	1 15	22 34	0 7	19 54	0 38	11 48	0 54	10 33	2 24	5 11	0 45	11 52	0 30	21 5	0 58	15 9	14 53	21 56	10 22	0 12
S 27	18 36	15 35	0 6	22 43	1 21	22 28	0 4	20 2	0 37	11 43	0 54	10 34	2 24	5 10	0 45	11 52	0 30	21 5	0 58	15 9	14 54	21 58	10 22	0 12
S 28	18 20	10 0	1s 7	22 31	1 26	22 22	0 2	20 10	0 37	11 38	0 54	10 35	2 24	5 9	0 45	11 51	0 30	21 5	0 58	15 9	14 55	22 0	10 23	0 12
M29	18 5	4 9	2 15	22 19	1 31	22 15	0s 1	20 18	0 36	11 33	0 54	10 37	2 23	5 8	0 45	11 50	0 30	21 6	0 58	15 9	14 56	22 2	10 23	0 12
T 30	17 49	1s44	3 15	22 5	1 35	22 8	0 4	20 25	0 36	11 28	0 54	10 38	2 23	5 7	0 45	11 49	0 30	21 6	0 58	15 8	14 57	22 4	10 23	0 11
W31	17s32	7s24	4s 4	21s49	1s39	22s 0	0s 6	20s33	0n35	11s23	0s54	10n39	2s23	5s 6	0s45	11s49	0s30	21n 6	0s58	15s 8	14s58	22s 6	10n24	0n11

Julian Day Number = 2515827.5, Delta T = 141.33 sec
Ecliptic obliquity = 23°25'06, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°11'59, Lahiri = 26°18'59

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2176
geocentric

FEBRUARY 2176 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 43 35	11♒42'50	21♎24	1♒17	21♑32	5♐39	2♓49	4♉12	18♓53	0♓24	19°R 7	18♒57	19♒25	18♏ 4	26♈32	T 1
F 2	8 47 32	12°43'46	3♏23	2°53	22°47	6°16	3° 3	4°15	18°56	0°26	19♋ 5	18°57	19°22	18°11	26°34	F 2
S 3	8 51 28	13°44'42	15°17	4°30	24° 2	6°53	3°17	4°18	18°59	0°28	19° 4	18°R57	19°18	18°18	26°35	S 3
S 4	8 55 25	14°45'37	27° 9	6° 8	25°17	7°31	3°31	4°21	19° 2	0°30	19° 3	18°57	19°15	18°24	26°37	S 4
M 5	8 59 21	15°46'31	9♐ 6	7°46	26°32	8° 8	3°45	4°24	19° 5	0°32	19° 2	18°57	19°12	18°31	26°38	M 5
T 6	9 3 18	16°47'24	21°10	9°25	27°47	8°45	3°59	4°27	19° 8	0°35	19° 1	18°56	19° 9	18°38	26°40	T 6
W 7	9 7 14	17°48'17	3♑27	11° 5	29° 2	9°22	4°13	4°31	19°11	0°37	19° 0	18°56	19° 6	18°45	26°42	W 7
T 8	9 11 11	18°49'08	15°59	12°46	0♒17	9°59	4°27	4°34	19°14	0°39	18°59	18°D56	19° 3	18°51	26°44	T 8
F 9	9 15 8	19°49'59	28°47	14°27	1°32	10°36	4°41	4°38	19°17	0°41	18°58	18°56	18°59	18°58	26°45	F 9
S 10	9 19 4	20°50'49	11♒54	16° 9	2°47	11°13	4°56	4°42	19°20	0°44	18°57	18°56	18°56	19° 5	26°47	S 10
S 11	9 23 1	21°51'37	25°19	17°52	4° 2	11°50	5°10	4°46	19°23	0°46	18°56	18°R56	18°53	19°11	26°49	S 11
M12	9 26 57	22°52'24	9♓ 0	19°36	5°16	12°27	5°24	4°50	19°26	0°48	18°55	18°56	18°50	19°18	26°51	M12
T 13	9 30 54	23°53'10	22°54	21°20	6°31	13° 4	5°39	4°54	19°29	0°50	18°53	18°56	18°47	19°25	26°53	T 13
W14	9 34 50	24°53'54	6♈59	23° 6	7°46	13°41	5°53	4°58	19°33	0°53	18°52	18°55	18°43	19°32	26°55	W14
T 15	9 38 47	25°54'36	21°11	24°52	9° 1	14°18	6° 7	5° 2	19°36	0°55	18°51	18°54	18°40	19°38	26°57	T 15
F 16	9 42 43	26°55'17	5♉25	26°38	10°16	14°55	6°22	5° 6	19°39	0°57	18°51	18°54	18°37	19°45	27° 0	F 16
S 17	9 46 40	27°55'57	19°39	28°26	11°31	15°32	6°36	5°11	19°42	1° 0	18°50	18°53	18°34	19°52	27° 2	S 17
S 18	9 50 37	28°56'35	3♊51	0♓15	12°46	16° 8	6°50	5°15	19°46	1° 2	18°49	18°D53	18°31	19°58	27° 4	S 18
M19	9 54 33	29°57'11	17°57	2° 4	14° 1	16°45	7° 5	5°20	19°49	1° 4	18°48	18°53	18°28	20° 5	27° 6	M19
T 20	9 58 30	0♓57'45	1♋57	3°54	15°16	17°22	7°19	5°24	19°52	1° 6	18°47	18°54	18°24	20°12	27° 9	T 20
W21	10 2 26	1°58'17	15°48	5°44	16°31	17°58	7°34	5°29	19°55	1° 9	18°46	18°55	18°21	20°19	27°11	W21
T 22	10 6 23	2°58'48	29°30	7°35	17°46	18°35	7°48	5°34	19°59	1°11	18°45	18°56	18°18	20°25	27°14	T 22
F 23	10 10 19	3°59'17	13♌ 0	9°27	19° 1	19°12	8° 3	5°39	20° 2	1°13	18°44	18°R57	18°15	20°32	27°16	F 23
S 24	10 14 16	4°59'44	26°17	11°19	20°16	19°48	8°17	5°44	20° 5	1°16	18°43	18°57	18°12	20°39	27°19	S 24
S 25	10 18 12	6° 0'10	9♍20	13°12	21°31	20°25	8°31	5°49	20° 9	1°18	18°43	18°56	18° 8	20°46	27°21	S 25
M26	10 22 9	7° 0'34	22° 8	15° 4	22°45	21° 1	8°46	5°54	20°12	1°20	18°42	18°54	18° 5	20°52	27°24	M26
T 27	10 26 6	8° 0'56	4♎43	16°57	24° 0	21°38	9° 0	5°59	20°15	1°22	18°41	18°52	18° 2	20°59	27°26	T 27
W28	10 30 2	9° 1'17	17° 3	18°49	25°15	22°14	9°15	6° 4	20°19	1°25	18°40	18°48	17°59	21° 6	27°29	W28
T 29	10 33 59	10♓ 1'37	29♎12	20♓41	26♒30	22♐50	9♓29	6♉ 9	20♓22	1♓27	18♋40	18♒45	17♒56	21♏12	27♈32	T 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s16	12s41	4s41	21s32	1s43	21s51	0s 9	20s40	0n34	11s18	0s54	10n40	2s23	5s 5	0s45	11s48	0s30	21n 6	0s58	15s 8	14s59	22s 8	10n24	0n11
F 2	16 58	17 25	5 5	21 14	1 47	21 41	0 11	20 47	0 34	11 13	0 54	10 41	2 22	5 4	0 45	11 47	0 30	21 6	0 58	15 8	15 0	22 10	10 25	0 11
S 3	16 41	21 26	5 16	20 55	1 51	21 31	0 14	20 54	0 33	11 8	0 54	10 43	2 22	5 2	0 44	11 46	0 30	21 7	0 58	15 8	15 1	22 12	10 25	0 11
S 4	16 24	24 35	5 14	20 34	1 54	21 20	0 17	21 1	0 32	11 3	0 54	10 44	2 22	5 1	0 44	11 45	0 30	21 7	0 58	15 8	15 2	22 14	10 26	0 11
M 5	16 6	26 42	4 58	20 11	1 56	21 9	0 19	21 7	0 32	10 57	0 54	10 45	2 21	5 0	0 44	11 45	0 30	21 7	0 58	15 8	15 3	22 16	10 26	0 11
T 6	15 47	27 35	4 28	19 47	1 59	20 56	0 22	21 14	0 31	10 52	0 54	10 47	2 21	4 59	0 44	11 44	0 30	21 7	0 57	15 8	15 4	22 18	10 27	0 11
W 7	15 29	27 9	3 46	19 22	2 1	20 44	0 24	21 20	0 30	10 47	0 54	10 48	2 21	4 58	0 44	11 43	0 30	21 8	0 57	15 8	15 5	22 20	10 27	0 11
T 8	15 10	25 19	2 53	18 55	2 3	20 30	0 26	21 26	0 30	10 42	0 54	10 50	2 21	4 56	0 44	11 42	0 30	21 8	0 57	15 8	15 6	22 21	10 28	0 11
F 9	14 51	22 10	1 49	18 27	2 4	20 16	0 29	21 32	0 29	10 37	0 54	10 51	2 20	4 55	0 44	11 42	0 30	21 8	0 57	15 8	15 7	22 23	10 28	0 11
S 10	14 32	17 50	0 39	17 58	2 5	20 2	0 31	21 38	0 28	10 32	0 54	10 53	2 20	4 54	0 44	11 41	0 30	21 8	0 57	15 8	15 8	22 25	10 29	0 11
S 11	14 13	12 31	0n35	17 27	2 5	19 47	0 34	21 44	0 27	10 27	0 54	10 54	2 20	4 53	0 44	11 40	0 30	21 8	0 57	15 8	15 9	22 27	10 30	0 10
M12	13 53	6 30	1 49	16 55	2 6	19 31	0 36	21 50	0 27	10 21	0 54	10 56	2 20	4 51	0 44	11 39	0 30	21 9	0 57	15 8	15 10	22 29	10 30	0 10
T 13	13 33	0 6	2 57	16 21	2 5	19 14	0 38	21 55	0 26	10 16	0 54	10 57	2 19	4 50	0 44	11 38	0 30	21 9	0 57	15 8	15 11	22 31	10 31	0 10
W14	13 13	6n23	3 56	15 46	2 5	18 58	0 40	22 0	0 25	10 11	0 54	10 59	2 19	4 49	0 44	11 38	0 30	21 9	0 57	15 8	15 12	22 33	10 32	0 10
T 15	12 52	12 35	4 40	15 10	2 3	18 40	0 43	22 5	0 24	10 6	0 54	11 0	2 19	4 48	0 44	11 37	0 30	21 9	0 57	15 9	15 13	22 35	10 32	0 10
F 16	12 32	18 9	5 8	14 32	2 2	18 22	0 45	22 10	0 24	10 0	0 54	11 2	2 19	4 46	0 44	11 36	0 30	21 10	0 57	15 9	15 14	22 36	10 33	0 10
S 17	12 11	22 42	5 17	13 53	1 59	18 4	0 47	22 15	0 23	9 55	0 54	11 4	2 18	4 45	0 44	11 35	0 30	21 10	0 57	15 9	15 15	22 38	10 34	0 10
S 18	11 50	25 54	5 6	13 12	1 57	17 45	0 49	22 20	0 22	9 50	0 54	11 5	2 18	4 44	0 44	11 34	0 30	21 10	0 57	15 9	15 16	22 40	10 34	0 10
M19	11 29	27 28	4 37	12 30	1 54	17 25	0 51	22 24	0 21	9 44	0 54	11 7	2 18	4 42	0 44	11 34	0 30	21 10	0 56	15 9	15 17	22 42	10 35	0 10
T 20	11 7	27 16	3 52	11 47	1 50	17 5	0 53	22 29	0 20	9 39	0 54	11 9	2 18	4 41	0 44	11 33	0 30	21 10	0 56	15 9	15 18	22 44	10 36	0 10
W21	10 46	25 21	2 53	11 2	1 46	16 45	0 55	22 33	0 20	9 34	0 54	11 11	2 17	4 40	0 44	11 32	0 30	21 11	0 56	15 8	15 19	22 46	10 37	0 10
T 22	10 24	21 58	1 46	10 16	1 41	16 24	0 57	22 37	0 19	9 28	0 54	11 13	2 17	4 39	0 44	11 31	0 30	21 11	0 56	15 8	15 20	22 47	10 37	0 10
F 23	10 2	17 26	0 33	9 29	1 35	16 2	0 59	22 41	0 18	9 23	0 54	11 14	2 17	4 37	0 44	11 30	0 30	21 11	0 56	15 8	15 21	22 49	10 38	0 9
S 24	9 40	12 7	0s40	8 41	1 29	15 40	1 0	22 45	0 17	9 18	0 54	11 16	2 17	4 36	0 44	11 30	0 30	21 11	0 56	15 8	15 22	22 51	10 39	0 9
S 25	9 18	6 22	1 50	7 52	1 23	15 18	1 2	22 48	0 16	9 12	0 54	11 18	2 16	4 35	0 44	11 29	0 31	21 11	0 56	15 8	15 23	22 53	10 40	0 9
M26	8 56	0 28	2 53	7 2	1 15	14 55	1 4	22 52	0 15	9 7	0 54	11 20	2 16	4 33	0 44	11 28	0 31	21 12	0 56	15 9	15 24	22 55	10 41	0 9
T 27	8 33	5s20	3 46	6 11	1 7	14 32	1 5	22 55	0 14	9 2	0 54	11 22	2 16	4 32	0 44	11 27	0 31	21 12	0 56	15 9	15 25	22 56	10 42	0 9
W28	8 11	10 49	4 28	5 19	0 59	14 9	1 7	22 58	0 13	8 56	0 54	11 24	2 16	4 31	0 44	11 26	0 31	21 12	0 56	15 11	15 26	22 58	10 43	0 9
T 29	7s48	15s48	4s56	4s27	0s50	13s45	1s 8	23s 1	0n12	8s51	0s54	11n26	2s15	4s29	0s44	11s26	0s31	21n12	0s56	15s12	15s27	23s 0	10n43	0n 9

Julian Day Number = 2515858.5, Delta T = 141.40 sec
Ecliptic obliquity = 23°25'06, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°12'03, Lahiri = 26°19'04

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2176
geocentric

MARCH 2176 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 37 55	11♓ 1'55	11♏12	22♓32	27♒45	23♐27	9♓44	6♉15	20♓26	1♓29	18°R39	18°R42	17♒53	21♏19	27♈34	F 1
S 2	10 41 52	12° 2'11	23° 6	24°22	29° 0	24° 3	9°58	6°20	20°29	1°31	18♋38	18♒39	17°49	21°26	27°37	S 2
S 3	10 45 48	13° 2'26	4♐58	26°11	0♓15	24°39	10°13	6°26	20°32	1°34	18°37	18°38	17°46	21°33	27°40	S 3
M 4	10 49 45	14° 2'40	16°54	27°58	1°30	25°16	10°27	6°32	20°36	1°36	18°37	18°D38	17°43	21°39	27°43	M 4
T 5	10 53 41	15° 2'52	28°57	29°43	2°44	25°52	10°42	6°37	20°39	1°38	18°36	18°38	17°40	21°46	27°46	T 5
W 6	10 57 38	16° 3'02	11♑12	1♈24	3°59	26°28	10°56	6°43	20°43	1°40	18°36	18°40	17°37	21°53	27°49	W 6
T 7	11 1 35	17° 3'11	23°45	3° 3	5°14	27° 4	11°10	6°49	20°46	1°43	18°35	18°42	17°34	22° 0	27°52	T 7
F 8	11 5 31	18° 3'19	6♒38	4°38	6°29	27°40	11°25	6°55	20°50	1°45	18°34	18°43	17°30	22° 6	27°55	F 8
S 9	11 9 28	19° 3'24	19°54	6° 8	7°44	28°16	11°39	7° 1	20°53	1°47	18°34	18°R44	17°27	22°13	27°58	S 9
S 10	11 13 24	20° 3'28	3♓35	7°34	8°59	28°52	11°54	7° 7	20°56	1°49	18°33	18°43	17°24	22°20	28° 1	S 10
M11	11 17 21	21° 3'30	17°37	8°53	10°13	29°28	12° 8	7°13	21° 0	1°51	18°33	18°40	17°21	22°26	28° 4	M11
T 12	11 21 17	22° 3'30	1♈59	10° 7	11°28	0♑ 3	12°22	7°19	21° 3	1°54	18°32	18°36	17°18	22°33	28° 7	T 12
W13	11 25 14	23° 3'29	16°33	11°15	12°43	0°39	12°37	7°25	21° 7	1°56	18°32	18°31	17°14	22°40	28°10	W13
T 14	11 29 10	24° 3'25	1♉14	12°15	13°58	1°15	12°51	7°31	21°10	1°58	18°31	18°26	17°11	22°47	28°13	T 14
F 15	11 33 7	25° 3'19	15°53	13° 8	15°12	1°50	13° 5	7°38	21°14	2° 0	18°31	18°21	17° 8	22°53	28°17	F 15
S 16	11 37 4	26° 3'11	0♊25	13°54	16°27	2°26	13°20	7°44	21°17	2° 2	18°31	18°17	17° 5	23° 0	28°20	S 16
S 17	11 41 0	27° 3'01	14°45	14°31	17°42	3° 1	13°34	7°51	21°20	2° 4	18°30	18°14	17° 2	23° 7	28°23	S 17
M18	11 44 57	28° 2'49	28°50	15° 0	18°57	3°37	13°48	7°57	21°24	2° 6	18°30	18°D14	16°59	23°13	28°26	M18
T 19	11 48 53	29° 2'34	12♋39	15°21	20°11	4°12	14° 3	8° 4	21°27	2° 8	18°30	18°14	16°55	23°20	28°30	T 19
W20	11 52 50	0♈ 2'17	26°13	15°33	21°26	4°47	14°17	8°10	21°31	2°11	18°29	18°16	16°52	23°27	28°33	W20
T 21	11 56 46	1° 1'58	9♌32	15°R37	22°41	5°22	14°31	8°17	21°34	2°13	18°29	18°17	16°49	23°34	28°36	T 21
F 22	12 0 43	2° 1'36	22°37	15°32	23°55	5°57	14°45	8°24	21°38	2°15	18°29	18°R17	16°46	23°40	28°40	F 22
S 23	12 4 39	3° 1'13	5♍30	15°20	25°10	6°32	14°59	8°30	21°41	2°17	18°29	18°16	16°43	23°47	28°43	S 23
S 24	12 8 36	4° 0'47	18°13	15° 0	26°25	7° 7	15°13	8°37	21°44	2°19	18°28	18°12	16°40	23°54	28°47	S 24
M25	12 12 33	5° 0'19	0♎44	14°34	27°39	7°42	15°27	8°44	21°48	2°21	18°28	18° 6	16°36	24° 1	28°50	M25
T 26	12 16 29	5°59'48	13° 6	14° 1	28°54	8°17	15°41	8°51	21°51	2°23	18°28	17°58	16°33	24° 7	28°54	T 26
W27	12 20 26	6°59'16	25°19	13°22	0♈ 8	8°52	15°55	8°58	21°54	2°25	18°28	17°49	16°30	24°14	28°57	W27
T 28	12 24 22	7°58'42	7♏23	12°39	1°23	9°27	16° 9	9° 5	21°58	2°27	18°28	17°39	16°27	24°21	29° 0	T 28
F 29	12 28 19	8°58'07	19°20	11°52	2°37	10° 1	16°23	9°12	22° 1	2°28	18°28	17°30	16°24	24°27	29° 4	F 29
S 30	12 32 15	9°57'29	1♐13	11° 3	3°52	10°36	16°37	9°19	22° 4	2°30	18°28	17°22	16°20	24°34	29° 8	S 30
S 31	12 36 12	10♈56'49	13♐ 4	10♈12	5♈ 7	11♑10	16♓51	9♉26	22♓ 8	2♓32	18♋28	17♒16	16♒17	24♏41	29♈11	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	7s25	20s 6	5s11	3s34	0s40	13s20	1s10	23s 4	0n12	8s45	0s54	11n28	2s15	4s28	0s44	11s25	0s31	21n12	0s56	15s13	15s28	23s 2	10n44	0n 9
S 2	7 2	23 35	5 13	2 41	0 30	12 56	1 11	23 7	0 11	8 40	0 55	11 30	2 15	4 27	0 44	11 24	0 31	21 12	0 56	15 13	15 29	23 3	10 45	0 9
S 3	6 39	26 3	5 2	1 48	0 19	12 31	1 13	23 9	0 10	8 35	0 55	11 32	2 15	4 25	0 44	11 23	0 31	21 13	0 55	15 14	15 30	23 5	10 46	0 9
M 4	6 16	27 22	4 37	0 55	0 7	12 5	1 14	23 11	0 9	8 29	0 55	11 34	2 15	4 24	0 44	11 22	0 31	21 13	0 55	15 14	15 31	23 7	10 47	0 9
T 5	5 53	27 25	4 0	0 2	0n 5	11 40	1 15	23 14	0 8	8 24	0 55	11 36	2 14	4 23	0 44	11 22	0 31	21 13	0 55	15 14	15 32	23 9	10 48	0 9
W 6	5 30	26 7	3 11	0n50	0 17	11 13	1 16	23 16	0 7	8 18	0 55	11 38	2 14	4 21	0 44	11 21	0 31	21 13	0 55	15 13	15 32	23 10	10 49	0 9
T 7	5 7	23 31	2 13	1 41	0 30	10 47	1 18	23 18	0 6	8 13	0 55	11 40	2 14	4 20	0 44	11 20	0 31	21 13	0 55	15 13	15 33	23 12	10 50	0 8
F 8	4 43	19 40	1 6	2 30	0 44	10 21	1 19	23 19	0 4	8 7	0 55	11 42	2 14	4 18	0 44	11 19	0 31	21 13	0 55	15 12	15 34	23 14	10 51	0 8
S 9	4 20	14 44	0n 6	3 18	0 57	9 54	1 20	23 21	0 3	8 2	0 55	11 44	2 14	4 17	0 44	11 19	0 31	21 14	0 55	15 12	15 35	23 15	10 52	0 8
S 10	3 56	8 56	1 20	4 5	1 11	9 27	1 21	23 22	0 2	7 57	0 55	11 46	2 13	4 16	0 44	11 18	0 31	21 14	0 55	15 12	15 36	23 17	10 53	0 8
M11	3 32	2 34	2 31	4 49	1 24	8 59	1 21	23 24	0 1	7 51	0 55	11 49	2 13	4 14	0 44	11 17	0 31	21 14	0 55	15 13	15 37	23 19	10 54	0 8
T 12	3 9	4n 4	3 34	5 30	1 38	8 31	1 22	23 25	0 0	7 46	0 55	11 51	2 13	4 13	0 44	11 16	0 31	21 14	0 55	15 14	15 38	23 21	10 55	0 8
W13	2 45	10 34	4 24	6 9	1 51	8 4	1 23	23 26	0s 1	7 40	0 55	11 53	2 13	4 12	0 44	11 15	0 31	21 14	0 55	15 16	15 39	23 22	10 56	0 8
T 14	2 22	16 31	4 57	6 45	2 4	7 35	1 24	23 27	0 2	7 35	0 55	11 55	2 13	4 10	0 44	11 15	0 31	21 14	0 55	15 17	15 40	23 24	10 57	0 8
F 15	1 58	21 31	5 10	7 17	2 17	7 7	1 24	23 28	0 3	7 29	0 55	11 57	2 12	4 9	0 44	11 14	0 31	21 14	0 54	15 19	15 41	23 26	10 58	0 8
S 16	1 34	25 10	5 4	7 46	2 29	6 39	1 25	23 28	0 4	7 24	0 55	11 59	2 12	4 8	0 44	11 13	0 31	21 15	0 54	15 20	15 42	23 27	11 0	0 8
S 17	1 10	27 9	4 38	8 11	2 40	6 10	1 25	23 29	0 6	7 19	0 56	12 2	2 12	4 6	0 44	11 12	0 31	21 15	0 54	15 21	15 43	23 29	11 1	0 8
M18	0 47	27 21	3 56	8 32	2 51	5 41	1 26	23 29	0 7	7 13	0 56	12 4	2 12	4 5	0 44	11 12	0 31	21 15	0 54	15 21	15 44	23 31	11 2	0 8
T 19	0 23	25 49	3 1	8 49	3 0	5 12	1 26	23 29	0 8	7 8	0 56	12 6	2 12	4 4	0 44	11 11	0 31	21 15	0 54	15 21	15 45	23 32	11 3	0 8
W20	0n 1	22 48	1 57	9 1	3 9	4 43	1 26	23 29	0 9	7 2	0 56	12 8	2 12	4 2	0 44	11 10	0 31	21 15	0 54	15 21	15 46	23 34	11 4	0 7
T 21	0 25	18 37	0 47	9 9	3 16	4 14	1 27	23 29	0 11	6 57	0 56	12 11	2 11	4 1	0 44	11 10	0 31	21 15	0 54	15 20	15 47	23 35	11 5	0 7
F 22	0 48	13 36	0s23	9 12	3 21	3 44	1 27	23 29	0 12	6 52	0 56	12 13	2 11	4 0	0 44	11 9	0 31	21 15	0 54	15 20	15 48	23 37	11 6	0 7
S 23	1 12	8 4	1 32	9 11	3 25	3 15	1 27	23 29	0 13	6 46	0 56	12 15	2 11	3 58	0 44	11 8	0 31	21 15	0 54	15 21	15 49	23 39	11 7	0 7
S 24	1 36	2 17	2 34	9 6	3 28	2 45	1 27	23 28	0 15	6 41	0 56	12 18	2 11	3 57	0 44	11 7	0 31	21 16	0 54	15 22	15 50	23 40	11 8	0 7
M25	1 59	3s29	3 28	8 56	3 28	2 16	1 27	23 28	0 16	6 36	0 56	12 20	2 11	3 56	0 44	11 7	0 31	21 16	0 54	15 23	15 51	23 42	11 10	0 7
T 26	2 23	9 2	4 12	8 42	3 27	1 46	1 27	23 27	0 17	6 30	0 56	12 22	2 11	3 54	0 44	11 6	0 31	21 16	0 54	15 26	15 52	23 43	11 11	0 7
W27	2 46	14 10	4 43	8 25	3 24	1 16	1 27	23 26	0 19	6 25	0 57	12 25	2 11	3 53	0 44	11 5	0 31	21 16	0 53	15 29	15 53	23 45	11 12	0 7
T 28	3 10	18 42	5 1	8 3	3 20	0 46	1 27	23 25	0 20	6 20	0 57	12 27	2 10	3 52	0 44	11 5	0 31	21 16	0 53	15 32	15 54	23 47	11 13	0 7
F 29	3 33	22 27	5 6	7 39	3 13	0 17	1 26	23 24	0 21	6 14	0 57	12 29	2 10	3 50	0 44	11 4	0 31	21 16	0 53	15 35	15 55	23 48	11 14	0 7
S 30	3 56	25 14	4 57	7 12	3 5	0n13	1 26	23 23	0 23	6 9	0 57	12 32	2 10	3 49	0 44	11 3	0 31	21 16	0 53	15 37	15 56	23 50	11 15	0 7
S 31	4n20	26s54	4s36	6n43	2n55	0n43	1s25	23s21	0s24	6s 4	0s57	12n34	2s10	3s48	0s44	11s 3	0s31	21n16	0s53	15s39	15s56	23s51	11n17	0n 7

Julian Day Number = 2515887.5, Delta T = 141.47 sec
Ecliptic obliquity = 23°25'06, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°12'07, Lahiri = 26°19'08

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2176
geocentric

APRIL 2176 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 40 8	11♈56'08	24♐58	9°R21	6♈21	11♑44	17♓ 5	9♉33	22♓11	2♓34	18°D28	17°R12	16♒14	24♏48	29♈15	M 1
T 2	12 44 5	12°55'25	6♑59	8♈30	7°36	12°19	17°19	9°40	22°14	2°36	18♋28	17♒10	16°11	24°54	29°18	T 2
W 3	12 48 2	13°54'40	19°11	7°41	8°50	12°53	17°32	9°47	22°17	2°38	18°28	17°D10	16° 8	25° 1	29°22	W 3
T 4	12 51 58	14°53'54	1♒40	6°54	10° 5	13°27	17°46	9°54	22°21	2°40	18°28	17°11	16° 5	25° 8	29°25	T 4
F 5	12 55 55	15°53'05	14°31	6°10	11°19	14° 1	18° 0	10° 2	22°24	2°41	18°28	17°R12	16° 1	25°14	29°29	F 5
S 6	12 59 51	16°52'15	27°47	5°30	12°34	14°35	18°13	10° 9	22°27	2°43	18°28	17°11	15°58	25°21	29°33	S 6
S 7	13 3 48	17°51'23	11♓31	4°55	13°48	15° 8	18°27	10°16	22°30	2°45	18°28	17° 9	15°55	25°28	29°36	S 7
M 8	13 7 44	18°50'29	25°43	4°24	15° 2	15°42	18°40	10°24	22°34	2°47	18°28	17° 4	15°52	25°35	29°40	M 8
T 9	13 11 41	19°49'33	10♈20	3°59	16°17	16°16	18°54	10°31	22°37	2°48	18°28	16°57	15°49	25°41	29°44	T 9
W10	13 15 37	20°48'36	25°16	3°38	17°31	16°49	19° 7	10°38	22°40	2°50	18°29	16°47	15°45	25°48	29°47	W10
T 11	13 19 34	21°47'36	10♉21	3°23	18°46	17°22	19°20	10°46	22°43	2°52	18°29	16°38	15°42	25°55	29°51	T 11
F 12	13 23 30	22°46'34	25°25	3°14	20° 0	17°56	19°34	10°53	22°46	2°53	18°29	16°28	15°39	26° 2	29°55	F 12
S 13	13 27 27	23°45'30	10♊19	3°D10	21°14	18°29	19°47	11° 1	22°49	2°55	18°29	16°20	15°36	26° 8	29°58	S 13
S 14	13 31 24	24°44'24	24°56	3°11	22°29	19° 1	20° 0	11° 8	22°52	2°57	18°30	16°15	15°33	26°15	0♉ 2	S 14
M15	13 35 20	25°43'16	9♋11	3°18	23°43	19°34	20°13	11°16	22°55	2°58	18°30	16°11	15°30	26°22	0° 6	M15
T 16	13 39 17	26°42'05	23° 3	3°30	24°57	20° 7	20°26	11°23	22°58	3° 0	18°31	16°D10	15°26	26°28	0°10	T 16
W17	13 43 13	27°40'52	6♌31	3°46	26°12	20°39	20°39	11°31	23° 1	3° 1	18°31	16°10	15°23	26°35	0°13	W17
T 18	13 47 10	28°39'36	19°40	4° 8	27°26	21°12	20°52	11°38	23° 4	3° 3	18°31	16°R11	15°20	26°42	0°17	T 18
F 19	13 51 6	29°38'19	2♍31	4°33	28°40	21°44	21° 5	11°46	23° 7	3° 4	18°32	16°10	15°17	26°49	0°21	F 19
S 20	13 55 3	0♉36'59	15° 8	5° 4	29°54	22°16	21°18	11°53	23°10	3° 6	18°32	16° 6	15°14	26°55	0°24	S 20
S 21	13 58 59	1°35'37	27°34	5°38	1♉ 9	22°48	21°30	12° 1	23°13	3° 7	18°33	16° 0	15°11	27° 2	0°28	S 21
M22	14 2 56	2°34'12	9♎51	6°16	2°23	23°20	21°43	12° 9	23°16	3° 8	18°33	15°52	15° 7	27° 9	0°32	M22
T 23	14 6 53	3°32'46	22° 0	6°58	3°37	23°52	21°56	12°16	23°18	3°10	18°34	15°40	15° 4	27°15	0°35	T 23
W24	14 10 49	4°31'18	4♏ 3	7°44	4°51	24°23	22° 8	12°24	23°21	3°11	18°34	15°27	15° 1	27°22	0°39	W24
T 25	14 14 46	5°29'48	16° 1	8°33	6° 5	24°55	22°21	12°32	23°24	3°12	18°35	15°13	14°58	27°29	0°43	T 25
F 26	14 18 42	6°28'16	27°55	9°25	7°20	25°26	22°33	12°39	23°27	3°14	18°35	15° 0	14°55	27°36	0°47	F 26
S 27	14 22 39	7°26'43	9♐46	10°21	8°34	25°57	22°45	12°47	23°29	3°15	18°36	14°48	14°51	27°42	0°50	S 27
S 28	14 26 35	8°25'08	21°38	11°19	9°48	26°28	22°58	12°55	23°32	3°16	18°37	14°38	14°48	27°49	0°54	S 28
M29	14 30 32	9°23'31	3♑32	12°21	11° 2	26°59	23°10	13° 2	23°35	3°17	18°37	14°31	14°45	27°56	0°58	M29
T 30	14 34 28	10♉21'52	15♑33	13♈25	12♉16	27♑29	23♓22	13♉10	23♓37	3♓19	18♋38	14♒27	14♒42	28♏ 2	1♉ 1	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
M 1	4n43	27s22	4s 2	6n13	2n44	1n13	1s25	23s20	0s26	5s58	0s57	12n36	2s10	3s46	0s44	11s 2	0s31	21n16	0s53	15s40	15s57	23s53	11n18	0n 7	M 1
T 2	5 6	26 32	3 18	5 41	2 31	1 43	1 24	23 18	0 27	5 53	0 57	12 39	2 10	3 45	0 44	11 1	0 31	21 16	0 53	15 41	15 58	23 54	11 19	0 6	T 2
W 3	5 29	24 25	2 24	5 9	2 18	2 13	1 24	23 16	0 29	5 48	0 57	12 41	2 10	3 44	0 44	11 1	0 31	21 16	0 53	15 41	15 59	23 56	11 20	0 6	W 3
T 4	5 52	21 6	1 22	4 37	2 3	2 43	1 23	23 15	0 30	5 43	0 57	12 43	2 9	3 43	0 44	11 0	0 31	21 17	0 53	15 40	16 0	23 58	11 21	0 6	T 4
F 5	6 15	16 41	0 14	4 6	1 48	3 12	1 22	23 13	0 32	5 38	0 58	12 46	2 9	3 41	0 44	10 59	0 31	21 17	0 53	15 40	16 1	23 59	11 23	0 6	F 5
S 6	6 37	11 21	0n56	3 36	1 32	3 42	1 22	23 11	0 33	5 32	0 58	12 48	2 9	3 40	0 44	10 59	0 31	21 17	0 53	15 40	16 2	24 1	11 24	0 6	S 6
S 7	7 0	5 18	2 6	3 7	1 16	4 12	1 21	23 8	0 35	5 27	0 58	12 51	2 9	3 39	0 44	10 58	0 31	21 17	0 53	15 41	16 3	24 2	11 25	0 6	S 7
M 8	7 22	1n13	3 10	2 40	1 0	4 41	1 20	23 6	0 37	5 22	0 58	12 53	2 9	3 38	0 44	10 58	0 31	21 17	0 52	15 42	16 4	24 4	11 26	0 6	M 8
T 9	7 45	7 49	4 4	2 15	0 44	5 11	1 19	23 4	0 38	5 17	0 58	12 55	2 9	3 36	0 44	10 57	0 31	21 17	0 52	15 45	16 5	24 5	11 28	0 6	T 9
W10	8 7	14 8	4 42	1 52	0 28	5 40	1 18	23 1	0 40	5 12	0 58	12 58	2 9	3 35	0 44	10 56	0 31	21 17	0 52	15 47	16 6	24 7	11 29	0 6	W10
T 11	8 29	19 40	5 1	1 32	0 12	6 9	1 17	22 59	0 42	5 7	0 58	13 0	2 9	3 34	0 44	10 56	0 31	21 17	0 52	15 50	16 7	24 8	11 30	0 6	T 11
F 12	8 51	23 56	4 59	1 14	0s 3	6 39	1 16	22 56	0 43	5 2	0 58	13 2	2 9	3 33	0 44	10 55	0 31	21 17	0 52	15 53	16 8	24 10	11 31	0 6	F 12
S 13	9 13	26 33	4 37	0 59	0 18	7 8	1 15	22 53	0 45	4 56	0 59	13 5	2 9	3 32	0 44	10 55	0 31	21 17	0 52	15 56	16 9	24 11	11 32	0 6	S 13
S 14	9 34	27 16	3 57	0 46	0 33	7 36	1 13	22 51	0 47	4 51	0 59	13 7	2 8	3 30	0 44	10 54	0 31	21 17	0 52	15 57	16 10	24 12	11 34	0 6	S 14
M15	9 56	26 9	3 3	0 36	0 46	8 5	1 12	22 48	0 49	4 46	0 59	13 10	2 8	3 29	0 44	10 54	0 31	21 17	0 52	15 58	16 11	24 14	11 35	0 6	M15
T 16	10 17	23 25	2 0	0 29	1 0	8 33	1 11	22 45	0 51	4 41	0 59	13 12	2 8	3 28	0 44	10 53	0 31	21 17	0 52	15 59	16 12	24 15	11 36	0 5	T 16
W17	10 38	19 27	0 51	0 24	1 12	9 2	1 9	22 42	0 52	4 36	0 59	13 14	2 8	3 27	0 44	10 53	0 31	21 17	0 52	15 58	16 12	24 17	11 37	0 5	W17
T 18	10 59	14 37	0s19	0 21	1 24	9 30	1 8	22 39	0 54	4 31	0 59	13 17	2 8	3 26	0 44	10 52	0 31	21 17	0 52	15 58	16 13	24 18	11 39	0 5	T 18
F 19	11 20	9 14	1 26	0 21	1 35	9 57	1 6	22 35	0 56	4 27	0 59	13 19	2 8	3 25	0 44	10 52	0 32	21 17	0 52	15 59	16 14	24 20	11 40	0 5	F 19
S 20	11 41	3 35	2 27	0 24	1 45	10 25	1 5	22 32	0 58	4 22	1 0	13 22	2 8	3 23	0 44	10 51	0 32	21 17	0 51	16 0	16 15	24 21	11 41	0 5	S 20
S 21	12 1	2s 6	3 20	0 29	1 55	10 52	1 3	22 29	1 0	4 17	1 0	13 24	2 8	3 22	0 44	10 51	0 32	21 17	0 51	16 1	16 16	24 23	11 42	0 5	S 21
M22	12 21	7 38	4 3	0 36	2 4	11 19	1 2	22 25	1 2	4 12	1 0	13 26	2 8	3 21	0 44	10 50	0 32	21 17	0 51	16 4	16 17	24 24	11 44	0 5	M22
T 23	12 41	12 49	4 35	0 45	2 12	11 46	1 0	22 22	1 4	4 7	1 0	13 29	2 8	3 20	0 45	10 50	0 32	21 17	0 51	16 7	16 18	24 25	11 45	0 5	T 23
W24	13 1	17 28	4 54	0 56	2 19	12 13	0 58	22 18	1 6	4 2	1 0	13 31	2 8	3 19	0 45	10 49	0 32	21 17	0 51	16 11	16 19	24 27	11 46	0 5	W24
T 25	13 21	21 24	5 0	1 9	2 26	12 39	0 56	22 15	1 8	3 58	1 0	13 33	2 8	3 18	0 45	10 49	0 32	21 17	0 51	16 15	16 20	24 28	11 47	0 5	T 25
F 26	13 40	24 25	4 52	1 24	2 32	13 5	0 55	22 11	1 10	3 53	1 0	13 36	2 8	3 17	0 45	10 48	0 32	21 17	0 51	16 19	16 21	24 29	11 48	0 5	F 26
S 27	13 59	26 23	4 32	1 41	2 38	13 31	0 53	22 8	1 12	3 48	1 1	13 38	2 8	3 16	0 45	10 48	0 32	21 17	0 51	16 23	16 22	24 31	11 50	0 5	S 27
S 28	14 18	27 9	4 0	1 59	2 42	13 56	0 51	22 4	1 15	3 43	1 1	13 40	2 7	3 15	0 45	10 47	0 32	21 17	0 51	16 26	16 23	24 32	11 51	0 5	S 28
M29	14 37	26 40	3 18	2 19	2 46	14 21	0 49	22 0	1 17	3 39	1 1	13 43	2 7	3 14	0 45	10 47	0 32	21 17	0 51	16 28	16 24	24 34	11 52	0 5	M29
T 30	14n55	24s56	2s26	2n41	2s50	14n46	0s47	21s56	1s19	3s34	1s 1	13n45	2s 7	3s13	0s45	10s47	0s32	21n17	0s51	16s29	16s25	24s35	11n53	0n 4	T 30

Julian Day Number = 2515918.5, Delta T = 141.54 sec
Ecliptic obliquity = 23°25'06, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°12'12, Lahiri = 26°19'12

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2176
geocentric

MAY 2176 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 38 25	11♉20'12	27♋44	14♈32	13♉30	27♋59	23♓34	13♉18	23♓40	3♓20	18♋39	14°R25	14♒39	28♏ 9	1♉ 5	W 1
T 2	14 42 22	12°18'30	10♒10	15°41	14°44	28°30	23°46	13°25	23°43	3°21	18°39	14♒25	14°36	28°16	1° 9	T 2
F 3	14 46 18	13°16'47	22°56	16°53	15°58	29° 0	23°57	13°33	23°45	3°22	18°40	14°24	14°32	28°23	1°12	F 3
S 4	14 50 15	14°15'02	6♓ 7	18° 8	17°12	29°29	24° 9	13°41	23°48	3°23	18°41	14°24	14°29	28°29	1°16	S 4
S 5	14 54 11	15°13'16	19°46	19°24	18°26	29°59	24°21	13°49	23°50	3°24	18°42	14°21	14°26	28°36	1°20	S 5
M 6	14 58 8	16°11'28	3♈56	20°43	19°40	0♒28	24°32	13°56	23°52	3°25	18°42	14°15	14°23	28°43	1°23	M 6
T 7	15 2 4	17° 9'39	18°33	22° 5	20°54	0°57	24°44	14° 4	23°55	3°26	18°43	14° 7	14°20	28°50	1°27	T 7
W 8	15 6 1	18° 7'48	3♉33	23°28	22° 8	1°26	24°55	14°12	23°57	3°27	18°44	13°57	14°17	28°56	1°30	W 8
T 9	15 9 57	19° 5'56	18°48	24°54	23°22	1°55	25° 6	14°19	23°59	3°28	18°45	13°46	14°13	29° 3	1°34	T 9
F 10	15 13 54	20° 4'02	4♊ 7	26°21	24°36	2°23	25°18	14°27	24° 2	3°28	18°46	13°36	14°10	29°10	1°38	F 10
S 11	15 17 51	21° 2'07	19°17	27°51	25°50	2°51	25°29	14°35	24° 4	3°29	18°47	13°27	14° 7	29°16	1°41	S 11
S 12	15 21 47	22° 0'10	4♋10	29°23	27° 4	3°19	25°40	14°42	24° 6	3°30	18°48	13°20	14° 4	29°23	1°45	S 12
M13	15 25 44	22°58'11	18°38	0♌57	28°18	3°47	25°51	14°50	24° 8	3°31	18°49	13°16	14° 1	29°30	1°48	M13
T 14	15 29 40	23°56'10	2♌39	2°33	29°32	4°14	26° 1	14°58	24°10	3°32	18°50	13°14	13°57	29°37	1°52	T 14
W15	15 33 37	24°54'07	16°13	4°11	0♊46	4°41	26°12	15° 5	24°12	3°32	18°51	13°D14	13°54	29°43	1°55	W15
T 16	15 37 33	25°52'02	29°22	5°51	2° 0	5° 8	26°23	15°13	24°14	3°33	18°52	13°R14	13°51	29°50	1°59	T 16
F 17	15 41 30	26°49'55	12♍10	7°33	3°14	5°35	26°33	15°21	24°16	3°34	18°53	13°13	13°48	29°57	2° 2	F 17
S 18	15 45 27	27°47'47	24°40	9°17	4°27	6° 1	26°44	15°28	24°18	3°34	18°54	13°10	13°45	0♐ 3	2° 6	S 18
S 19	15 49 23	28°45'37	6♎57	11° 3	5°41	6°27	26°54	15°36	24°20	3°35	18°55	13° 5	13°42	0°10	2° 9	S 19
M20	15 53 20	29°43'25	19° 4	12°51	6°55	6°53	27° 4	15°43	24°22	3°35	18°56	12°57	13°38	0°17	2°12	M20
T 21	15 57 16	0♊41'12	1♏ 5	14°42	8° 9	7°18	27°14	15°51	24°24	3°36	18°57	12°47	13°35	0°24	2°16	T 21
W22	16 1 13	1°38'57	13° 1	16°34	9°23	7°43	27°24	15°58	24°26	3°36	18°58	12°34	13°32	0°30	2°19	W22
T 23	16 5 9	2°36'41	24°54	18°28	10°36	8° 8	27°34	16° 6	24°28	3°37	18°59	12°22	13°29	0°37	2°22	T 23
F 24	16 9 6	3°34'23	6♐46	20°24	11°50	8°32	27°43	16°13	24°29	3°37	19° 0	12° 9	13°26	0°44	2°26	F 24
S 25	16 13 2	4°32'04	18°39	22°23	13° 4	8°57	27°53	16°21	24°31	3°38	19° 1	11°58	13°23	0°50	2°29	S 25
S 26	16 16 59	5°29'44	0♋34	24°23	14°18	9°20	28° 3	16°28	24°33	3°38	19° 3	11°49	13°19	0°57	2°32	S 26
M27	16 20 56	6°27'23	12°32	26°25	15°31	9°44	28°12	16°36	24°34	3°38	19° 4	11°43	13°16	1° 4	2°36	M27
T 28	16 24 52	7°25'00	24°37	28°29	16°45	10° 7	28°21	16°43	24°36	3°38	19° 5	11°39	13°13	1°11	2°39	T 28
W29	16 28 49	8°22'37	6♒52	0♊34	17°59	10°29	28°30	16°51	24°37	3°39	19° 6	11°D38	13°10	1°17	2°42	W29
T 30	16 32 45	9°20'13	19°20	2°41	19°12	10°52	28°39	16°58	24°39	3°39	19° 7	11°38	13° 7	1°24	2°45	T 30
F 31	16 36 42	10♊17'47	2♓ 6	4♊50	20♊26	11♒14	28♓48	17♉ 5	24♓40	3♓39	19♋ 9	11♒38	13♒ 3	1♐31	2♉48	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	15n13	22s 1	1s27	3n 4	2s53	15n10	0s45	21s52	1s21	3s30	1s 1	13n47	2s 7	3s12	0s45	10s46	0s32	21n17	0s51	16s30	16s26	24s36	11n55	0n 4	W 1
T 2	15 31	18 3	0 22	3 29	2 55	15 34	0 43	21 49	1 24	3 25	1 2	13 50	2 7	3 11	0 45	10 46	0 32	21 17	0 51	16 30	16 26	24 38	11 56	0 4	T 2
F 3	15 49	13 9	0n45	3 55	2 56	15 57	0 41	21 45	1 26	3 21	1 2	13 52	2 7	3 10	0 45	10 46	0 32	21 17	0 50	16 30	16 27	24 39	11 57	0 4	F 3
S 4	16 6	7 31	1 52	4 22	2 57	16 20	0 39	21 41	1 28	3 16	1 2	13 54	2 7	3 9	0 45	10 45	0 32	21 17	0 50	16 30	16 28	24 40	11 58	0 4	S 4
S 5	16 23	1 22	2 55	4 51	2 57	16 43	0 37	21 37	1 31	3 12	1 2	13 57	2 7	3 8	0 45	10 45	0 32	21 17	0 50	16 31	16 29	24 42	11 59	0 4	S 5
M 6	16 40	5n 4	3 50	5 21	2 57	17 5	0 34	21 33	1 33	3 7	1 2	13 59	2 7	3 7	0 45	10 45	0 32	21 17	0 50	16 32	16 30	24 43	12 1	0 4	M 6
T 7	16 57	11 26	4 31	5 52	2 56	17 27	0 32	21 29	1 36	3 3	1 2	14 1	2 7	3 6	0 45	10 44	0 32	21 17	0 50	16 35	16 31	24 44	12 2	0 4	T 7
W 8	17 13	17 19	4 55	6 24	2 54	17 48	0 30	21 25	1 38	2 58	1 3	14 4	2 7	3 5	0 45	10 44	0 32	21 17	0 50	16 37	16 32	24 46	12 3	0 4	W 8
T 9	17 29	22 11	4 59	6 57	2 52	18 9	0 28	21 21	1 41	2 54	1 3	14 6	2 7	3 4	0 45	10 44	0 32	21 17	0 50	16 41	16 33	24 47	12 4	0 4	T 9
F 10	17 45	25 33	4 41	7 31	2 50	18 30	0 25	21 17	1 43	2 50	1 3	14 8	2 7	3 3	0 45	10 43	0 32	21 17	0 50	16 44	16 34	24 48	12 5	0 4	F 10
S 11	18 0	27 2	4 4	8 7	2 46	18 49	0 23	21 13	1 46	2 46	1 3	14 10	2 7	3 3	0 45	10 43	0 32	21 17	0 50	16 46	16 35	24 49	12 6	0 4	S 11
S 12	18 15	26 32	3 11	8 42	2 43	19 9	0 21	21 9	1 48	2 42	1 3	14 13	2 7	3 2	0 45	10 43	0 32	21 17	0 50	16 48	16 36	24 51	12 8	0 4	S 12
M13	18 30	24 12	2 6	9 19	2 38	19 28	0 19	21 5	1 51	2 37	1 4	14 15	2 7	3 1	0 45	10 43	0 32	21 17	0 50	16 49	16 37	24 52	12 9	0 4	M13
T 14	18 44	20 27	0 56	9 57	2 33	19 46	0 16	21 1	1 54	2 33	1 4	14 17	2 7	3 0	0 45	10 42	0 32	21 17	0 50	16 50	16 37	24 53	12 10	0 3	T 14
W15	18 59	15 43	0s16	10 35	2 28	20 4	0 14	20 57	1 56	2 29	1 4	14 19	2 7	2 59	0 45	10 42	0 32	21 17	0 50	16 50	16 38	24 54	12 11	0 3	W15
T 16	19 12	10 22	1 24	11 13	2 22	20 21	0 11	20 54	1 59	2 25	1 4	14 21	2 7	2 59	0 45	10 42	0 32	21 17	0 49	16 50	16 39	24 56	12 12	0 3	T 16
F 17	19 26	4 44	2 27	11 53	2 16	20 38	0 9	20 50	2 2	2 21	1 4	14 24	2 7	2 58	0 45	10 42	0 32	21 17	0 49	16 50	16 40	24 57	12 13	0 3	F 17
S 18	19 39	0s57	3 21	12 32	2 9	20 54	0 7	20 46	2 5	2 17	1 5	14 26	2 7	2 57	0 45	10 41	0 32	21 16	0 49	16 51	16 41	24 58	12 14	0 3	S 18
S 19	19 52	6 30	4 4	13 12	2 1	21 10	0 4	20 42	2 8	2 13	1 5	14 28	2 7	2 56	0 45	10 41	0 32	21 16	0 49	16 52	16 42	24 59	12 15	0 3	S 19
M20	20 4	11 43	4 36	13 53	1 54	21 25	0 2	20 39	2 11	2 10	1 5	14 30	2 7	2 56	0 45	10 41	0 32	21 16	0 49	16 55	16 43	25 1	12 17	0 3	M20
T 21	20 17	16 27	4 55	14 33	1 45	21 39	0n 1	20 35	2 14	2 6	1 5	14 32	2 7	2 55	0 45	10 41	0 32	21 16	0 49	16 58	16 44	25 2	12 18	0 3	T 21
W22	20 28	20 30	5 1	15 14	1 37	21 53	0 3	20 32	2 17	2 2	1 5	14 34	2 7	2 54	0 45	10 41	0 32	21 16	0 49	17 1	16 45	25 3	12 19	0 3	W22
T 23	20 40	23 44	4 54	15 54	1 28	22 6	0 5	20 28	2 20	1 58	1 6	14 37	2 7	2 54	0 45	10 41	0 32	21 16	0 49	17 5	16 46	25 4	12 20	0 3	T 23
F 24	20 51	25 55	4 34	16 35	1 18	22 19	0 8	20 25	2 23	1 55	1 6	14 39	2 7	2 53	0 45	10 41	0 32	21 16	0 49	17 8	16 47	25 5	12 21	0 3	F 24
S 25	21 2	26 58	4 2	17 15	1 9	22 31	0 10	20 21	2 26	1 51	1 6	14 41	2 7	2 52	0 45	10 40	0 32	21 16	0 49	17 11	16 47	25 6	12 22	0 3	S 25
S 26	21 12	26 45	3 20	17 54	0 59	22 42	0 13	20 18	2 29	1 48	1 6	14 43	2 7	2 52	0 45	10 40	0 33	21 16	0 49	17 14	16 48	25 8	12 23	0 3	S 26
M27	21 22	25 17	2 28	18 33	0 48	22 53	0 15	20 15	2 32	1 44	1 7	14 45	2 7	2 51	0 45	10 40	0 33	21 16	0 49	17 16	16 49	25 9	12 24	0 3	M27
T 28	21 32	22 39	1 29	19 11	0 38	23 3	0 17	20 12	2 36	1 41	1 7	14 47	2 7	2 51	0 46	10 40	0 33	21 16	0 49	17 17	16 50	25 10	12 25	0 2	T 28
W29	21 41	18 57	0 25	19 48	0 27	23 12	0 20	20 9	2 39	1 37	1 7	14 49	2 7	2 50	0 46	10 40	0 33	21 15	0 48	17 17	16 51	25 11	12 26	0 2	W29
T 30	21 50	14 21	0n41	20 24	0 17	23 21	0 22	20 6	2 42	1 34	1 7	14 51	2 8	2 49	0 46	10 40	0 33	21 15	0 48	17 17	16 52	25 12	12 27	0 2	T 30
F 31	21n58	9s 3	1n47	20n59	0s 6	23n29	0n25	20s 3	2s46	1s31	1s 7	14n53	2s 8	2s49	0s46	10s40	0s33	21n15	0s48	17s17	16s53	25s13	12n28	0n 2	F 31

Julian Day Number = 2515948.5, Delta T = 141.61 sec
Ecliptic obliquity = 23°25'05, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°12'16, Lahiri = 26°19'16

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2176
geocentric

JUNE 2176 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 40 38	11♊15'21	15♓14	6♊59	21♊40	11♒35	28♓57	17♉12	24♓41	3♓39	19♋10	11°R39	13♒ 0	1♐37	2♉51	S 1
S 2	16 44 35	12°12'54	28°47	9°10	22°53	11°56	29° 5	17°20	24°43	3°39	19°11	11♒37	12°57	1°44	2°54	S 2
M 3	16 48 31	13°10'26	12♈48	11°21	24° 7	12°17	29°14	17°27	24°44	3°39	19°12	11°34	12°54	1°51	2°57	M 3
T 4	16 52 28	14° 7'57	27°15	13°33	25°21	12°37	29°22	17°34	24°45	3°39	19°14	11°29	12°51	1°58	3° 0	T 4
W 5	16 56 25	15° 5'28	12♉ 6	15°45	26°34	12°56	29°30	17°41	24°46	3°R39	19°15	11°21	12°48	2° 4	3° 3	W 5
T 6	17 0 21	16° 2'58	27°14	17°57	27°48	13°16	29°38	17°48	24°48	3°39	19°16	11°13	12°44	2°11	3° 6	T 6
F 7	17 4 18	17° 0'27	12♊30	20° 9	29° 2	13°34	29°46	17°56	24°49	3°39	19°18	11° 5	12°41	2°18	3° 9	F 7
S 8	17 8 14	17°57'55	27°41	22°20	0♋15	13°53	29°54	18° 3	24°50	3°39	19°19	10°58	12°38	2°24	3°12	S 8
S 9	17 12 11	18°55'23	12♋39	24°31	1°29	14°10	0♈ 2	18°10	24°51	3°39	19°21	10°54	12°35	2°31	3°15	S 9
M10	17 16 7	19°52'49	27°16	26°40	2°42	14°28	0° 9	18°17	24°52	3°39	19°22	10°51	12°32	2°38	3°18	M10
T 11	17 20 4	20°50'14	11♌26	28°48	3°56	14°44	0°16	18°24	24°53	3°39	19°23	10°D50	12°29	2°45	3°21	T 11
W12	17 24 0	21°47'38	25° 7	0♋55	5° 9	15° 1	0°24	18°30	24°53	3°39	19°25	10°51	12°25	2°51	3°23	W12
T 13	17 27 57	22°45'01	8♍22	2°59	6°23	15°16	0°31	18°37	24°54	3°38	19°26	10°52	12°22	2°58	3°26	T 13
F 14	17 31 54	23°42'22	21°13	5° 2	7°36	15°31	0°38	18°44	24°55	3°38	19°27	10°R53	12°19	3° 5	3°29	F 14
S 15	17 35 50	24°39'43	3♎44	7° 3	8°50	15°46	0°44	18°51	24°56	3°38	19°29	10°52	12°16	3°11	3°31	S 15
S 16	17 39 47	25°37'03	16° 0	9° 2	10° 3	16° 0	0°51	18°58	24°56	3°38	19°30	10°50	12°13	3°18	3°34	S 16
M17	17 43 43	26°34'22	28° 4	10°59	11°17	16°13	0°57	19° 4	24°57	3°37	19°32	10°46	12° 9	3°25	3°36	M17
T 18	17 47 40	27°31'40	10♏ 0	12°54	12°30	16°26	1° 4	19°11	24°57	3°37	19°33	10°40	12° 6	3°32	3°39	T 18
W19	17 51 36	28°28'57	21°53	14°46	13°44	16°38	1°10	19°17	24°58	3°36	19°35	10°33	12° 3	3°38	3°41	W19
T 20	17 55 33	29°26'14	3♐45	16°36	14°57	16°50	1°16	19°24	24°58	3°36	19°36	10°26	12° 0	3°45	3°44	T 20
F 21	17 59 29	0♋23'30	15°38	18°24	16°11	17° 1	1°21	19°30	24°59	3°35	19°38	10°18	11°57	3°52	3°46	F 21
S 22	18 3 26	1°20'45	27°34	20° 9	17°24	17°11	1°27	19°37	24°59	3°35	19°39	10°12	11°54	3°58	3°49	S 22
S 23	18 7 23	2°18'00	9♑35	21°52	18°38	17°21	1°32	19°43	25° 0	3°34	19°41	10° 7	11°50	4° 5	3°51	S 23
M24	18 11 19	3°15'14	21°42	23°33	19°51	17°30	1°38	19°50	25° 0	3°34	19°42	10° 3	11°47	4°12	3°53	M24
T 25	18 15 16	4°12'28	3♒58	25°11	21° 4	17°38	1°43	19°56	25° 0	3°33	19°44	10° 2	11°44	4°19	3°55	T 25
W26	18 19 12	5° 9'42	16°24	26°47	22°18	17°46	1°48	20° 2	25° 0	3°33	19°45	10°D 2	11°41	4°25	3°58	W26
T 27	18 23 9	6° 6'56	29° 3	28°20	23°31	17°53	1°53	20° 8	25° 0	3°32	19°47	10° 3	11°38	4°32	4° 0	T 27
F 28	18 27 5	7° 4'09	11♓57	29°51	24°44	17°59	1°57	20°14	25° 0	3°31	19°48	10° 4	11°35	4°39	4° 2	F 28
S 29	18 31 2	8° 1'22	25° 8	1♌20	25°58	18° 5	2° 2	20°20	25°R 0	3°30	19°50	10° 6	11°31	4°45	4° 4	S 29
S 30	18 34 58	8♋58'36	8♈40	2♌46	27♋11	18♒10	2♈ 6	20♉26	25♓ 0	3♓30	19♋51	10°R 6	11♒28	4♐52	4♉ 6	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n 7	3s12	2n49	21n32	0n 5	23n36	0n27	20s 0	2s49	1s27	1s 8	14n55	2s 8	2s48	0s46	10s40	0s33	21n15	0s48	17s17	16s54	25s15	12n29	0n 2
S 2	22 14	2n57	3 44	22 3	0 15	23 43	0 29	19 58	2 53	1 24	1 8	14 57	2 8	2 48	0 46	10 40	0 33	21 15	0 48	17 17	16 55	25 16	12 30	0 2
M 3	22 22	9 10	4 28	22 33	0 26	23 49	0 32	19 55	2 56	1 21	1 8	14 59	2 8	2 47	0 46	10 40	0 33	21 15	0 48	17 18	16 56	25 17	12 31	0 2
T 4	22 29	15 5	4 56	23 0	0 36	23 54	0 34	19 53	3 0	1 18	1 8	15 1	2 8	2 47	0 46	10 40	0 33	21 15	0 48	17 19	16 56	25 18	12 32	0 2
W 5	22 35	20 17	5 5	23 25	0 45	23 59	0 36	19 51	3 3	1 15	1 9	15 3	2 8	2 47	0 46	10 40	0 33	21 15	0 48	17 21	16 57	25 19	12 33	0 2
T 6	22 41	24 17	4 53	23 47	0 55	24 3	0 39	19 48	3 7	1 12	1 9	15 5	2 8	2 46	0 46	10 40	0 33	21 15	0 48	17 24	16 58	25 20	12 34	0 2
F 7	22 47	26 35	4 21	24 7	1 4	24 6	0 41	19 47	3 11	1 9	1 9	15 7	2 8	2 46	0 46	10 40	0 33	21 15	0 48	17 26	16 59	25 21	12 35	0 2
S 8	22 52	26 54	3 30	24 24	1 12	24 8	0 43	19 45	3 14	1 6	1 9	15 8	2 8	2 45	0 46	10 40	0 33	21 14	0 48	17 28	17 0	25 22	12 36	0 2
S 9	22 57	25 14	2 25	24 38	1 20	24 10	0 45	19 43	3 18	1 3	1 10	15 10	2 8	2 45	0 46	10 40	0 33	21 14	0 48	17 29	17 1	25 23	12 37	0 2
M10	23 2	21 52	1 12	24 50	1 27	24 11	0 47	19 42	3 22	1 1	1 10	15 12	2 8	2 45	0 46	10 40	0 33	21 14	0 48	17 30	17 2	25 24	12 38	0 1
T 11	23 6	17 17	0s 3	24 58	1 34	24 11	0 50	19 41	3 26	0 58	1 10	15 14	2 8	2 44	0 46	10 40	0 33	21 14	0 48	17 30	17 3	25 25	12 38	0 1
W12	23 10	11 56	1 16	25 4	1 40	24 11	0 52	19 39	3 30	0 55	1 10	15 16	2 8	2 44	0 46	10 40	0 33	21 14	0 47	17 30	17 4	25 26	12 39	0 1
T 13	23 13	6 13	2 23	25 8	1 45	24 9	0 54	19 39	3 34	0 53	1 11	15 17	2 8	2 44	0 46	10 41	0 33	21 14	0 47	17 30	17 5	25 27	12 40	0 1
F 14	23 16	0 25	3 20	25 8	1 49	24 8	0 56	19 38	3 38	0 50	1 11	15 19	2 9	2 43	0 46	10 41	0 33	21 14	0 47	17 29	17 5	25 28	12 41	0 1
S 15	23 19	5s15	4 6	25 6	1 53	24 5	0 58	19 37	3 42	0 48	1 11	15 21	2 9	2 43	0 46	10 41	0 33	21 13	0 47	17 29	17 6	25 29	12 42	0 1
S 16	23 21	10 36	4 40	25 2	1 56	24 2	1 0	19 37	3 46	0 45	1 12	15 23	2 9	2 43	0 46	10 41	0 33	21 13	0 47	17 30	17 7	25 31	12 43	0 1
M17	23 22	15 27	5 1	24 55	1 58	23 58	1 2	19 37	3 50	0 43	1 12	15 24	2 9	2 43	0 46	10 41	0 33	21 13	0 47	17 31	17 8	25 32	12 43	0 1
T 18	23 24	19 40	5 8	24 46	1 59	23 53	1 4	19 37	3 54	0 41	1 12	15 26	2 9	2 43	0 46	10 41	0 33	21 13	0 47	17 33	17 9	25 33	12 44	0 1
W19	23 25	23 5	5 2	24 35	2 0	23 48	1 5	19 37	3 58	0 39	1 12	15 28	2 9	2 42	0 46	10 42	0 33	21 13	0 47	17 35	17 10	25 34	12 45	0 1
T 20	23 25	25 31	4 44	24 22	2 0	23 42	1 7	19 37	4 2	0 37	1 13	15 29	2 9	2 42	0 46	10 42	0 33	21 13	0 47	17 37	17 11	25 34	12 46	0 1
F 21	23 25	26 49	4 12	24 7	1 59	23 35	1 9	19 38	4 6	0 35	1 13	15 31	2 9	2 42	0 46	10 42	0 33	21 13	0 47	17 39	17 12	25 35	12 46	0 1
S 22	23 25	26 54	3 30	23 51	1 57	23 27	1 11	19 39	4 11	0 33	1 13	15 33	2 9	2 42	0 46	10 42	0 33	21 12	0 47	17 40	17 13	25 36	12 47	0 1
S 23	23 24	25 42	2 38	23 32	1 55	23 19	1 12	19 40	4 15	0 31	1 13	15 34	2 9	2 42	0 46	10 42	0 33	21 12	0 47	17 42	17 13	25 37	12 48	0 1
M24	23 23	23 17	1 38	23 13	1 52	23 10	1 14	19 41	4 19	0 29	1 14	15 36	2 10	2 42	0 47	10 43	0 33	21 12	0 47	17 43	17 14	25 38	12 49	0 0
T 25	23 21	19 47	0 33	22 52	1 49	23 1	1 16	19 43	4 23	0 27	1 14	15 37	2 10	2 42	0 47	10 43	0 33	21 12	0 47	17 43	17 15	25 39	12 49	0 0
W26	23 19	15 21	0n35	22 29	1 44	22 51	1 17	19 44	4 28	0 25	1 14	15 39	2 10	2 42	0 47	10 43	0 33	21 12	0 47	17 43	17 16	25 40	12 50	0 0
T 27	23 17	10 12	1 42	22 6	1 39	22 40	1 19	19 46	4 32	0 24	1 15	15 41	2 10	2 42	0 47	10 43	0 33	21 12	0 46	17 43	17 17	25 41	12 51	0 0
F 28	23 14	4 31	2 45	21 42	1 34	22 28	1 20	19 48	4 36	0 22	1 15	15 42	2 10	2 42	0 47	10 44	0 33	21 12	0 46	17 42	17 18	25 42	12 51	0 0
S 29	23 11	1n28	3 42	21 16	1 28	22 16	1 21	19 51	4 41	0 21	1 15	15 43	2 10	2 42	0 47	10 44	0 33	21 11	0 46	17 42	17 19	25 43	12 52	0 0
S 30	23n 7	7n32	4n27	20n50	1n21	22n 3	1n23	19s53	4s45	0s19	1s15	15n45	2s10	2s42	0s47	10s44	0s34	21n11	0s46	17s42	17s20	25s44	12n52	0n 0

Julian Day Number = 2515979.5, Delta T = 141.68 sec
Ecliptic obliquity = 23°25'05, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°12'20, Lahiri = 26°19'20

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2176
geocentric

JULY 2176 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 38 55	9♋55'49	22♈34	4♌ 9	28♋24	18♒14	2♈10	20♉32	25°R 0	3°R29	19♋53	10°R 6	11♒25	4♐59	4♉ 8	M 1
T 2	18 42 52	10°53'03	6♉49	5°30	29°38	18°17	2°14	20°38	25♓ 0	3♓28	19°54	10♒ 4	11°22	5° 6	4°10	T 2
W 3	18 46 48	11°50'16	21°24	6°49	0♌51	18°19	2°18	20°44	25° 0	3°27	19°56	10° 1	11°19	5°12	4°12	W 3
T 4	18 50 45	12°47'30	6♊13	8° 5	2° 4	18°21	2°21	20°50	25° 0	3°26	19°57	9°57	11°15	5°19	4°14	T 4
F 5	18 54 41	13°44'44	21°11	9°18	3°17	18°22	2°25	20°56	25° 0	3°25	19°59	9°54	11°12	5°26	4°15	F 5
S 6	18 58 38	14°41'59	6♋ 8	10°29	4°31	18°R23	2°28	21° 1	24°59	3°25	20° 1	9°51	11° 9	5°32	4°17	S 6
S 7	19 2 34	15°39'13	20°57	11°36	5°44	18°22	2°31	21° 7	24°59	3°24	20° 2	9°49	11° 6	5°39	4°19	S 7
M 8	19 6 31	16°36'27	5♌29	12°41	6°57	18°21	2°34	21°12	24°59	3°23	20° 4	9°D48	11° 3	5°46	4°20	M 8
T 9	19 10 28	17°33'41	19°39	13°43	8°10	18°19	2°36	21°18	24°58	3°22	20° 5	9°48	11° 0	5°53	4°22	T 9
W10	19 14 24	18°30'54	3♍24	14°42	9°23	18°16	2°39	21°23	24°58	3°21	20° 7	9°49	10°56	5°59	4°24	W10
T 11	19 18 21	19°28'08	16°43	15°38	10°37	18°12	2°41	21°28	24°57	3°20	20° 8	9°50	10°53	6° 6	4°25	T 11
F 12	19 22 17	20°25'21	29°39	16°30	11°50	18° 8	2°43	21°33	24°56	3°19	20°10	9°52	10°50	6°13	4°26	F 12
S 13	19 26 14	21°22'35	12♎14	17°19	13° 3	18° 3	2°45	21°39	24°56	3°17	20°11	9°53	10°47	6°19	4°28	S 13
S 14	19 30 10	22°19'48	24°31	18° 5	14°16	17°57	2°46	21°44	24°55	3°16	20°13	9°R53	10°44	6°26	4°29	S 14
M15	19 34 7	23°17'01	6♏36	18°47	15°29	17°51	2°48	21°49	24°54	3°15	20°15	9°52	10°41	6°33	4°30	M15
T 16	19 38 3	24°14'14	18°32	19°25	16°42	17°43	2°49	21°54	24°54	3°14	20°16	9°51	10°37	6°40	4°32	T 16
W17	19 42 0	25°11'28	0♐25	19°59	17°55	17°35	2°50	21°58	24°53	3°13	20°18	9°49	10°34	6°46	4°33	W17
T 18	19 45 57	26° 8'41	12°17	20°29	19° 8	17°27	2°51	22° 3	24°52	3°12	20°19	9°47	10°31	6°53	4°34	T 18
F 19	19 49 53	27° 5'55	24°13	20°55	20°21	17°18	2°52	22° 8	24°51	3°10	20°21	9°45	10°28	7° 0	4°35	F 19
S 20	19 53 50	28° 3'09	6♑14	21°16	21°34	17° 8	2°52	22°12	24°50	3° 9	20°22	9°44	10°25	7° 6	4°36	S 20
S 21	19 57 46	29° 0'23	18°24	21°33	22°47	16°57	2°53	22°17	24°49	3° 8	20°24	9°43	10°21	7°13	4°37	S 21
M22	20 1 43	29°57'37	0♒44	21°45	24° 0	16°46	2°R53	22°21	24°48	3° 7	20°25	9°42	10°18	7°20	4°38	M22
T 23	20 5 39	0♌54'52	13°15	21°53	25°13	16°34	2°53	22°26	24°47	3° 5	20°27	9°D42	10°15	7°27	4°39	T 23
W24	20 9 36	1°52'08	25°59	21°R56	26°26	16°22	2°52	22°30	24°46	3° 4	20°28	9°42	10°12	7°33	4°40	W24
T 25	20 13 32	2°49'24	8♓56	21°53	27°39	16° 9	2°52	22°34	24°45	3° 3	20°30	9°43	10° 9	7°40	4°40	T 25
F 26	20 17 29	3°46'41	22° 7	21°46	28°52	15°56	2°51	22°38	24°43	3° 1	20°32	9°43	10° 6	7°47	4°41	F 26
S 27	20 21 26	4°43'58	5♈32	21°34	0♍ 5	15°42	2°50	22°42	24°42	3° 0	20°33	9°44	10° 2	7°53	4°42	S 27
S 28	20 25 22	5°41'17	19°12	21°17	1°18	15°28	2°49	22°46	24°41	2°58	20°35	9°44	9°59	8° 0	4°42	S 28
M29	20 29 19	6°38'36	3♉ 7	20°55	2°30	15°14	2°48	22°50	24°40	2°57	20°36	9°R44	9°56	8° 7	4°43	M29
T 30	20 33 15	7°35'57	17°15	20°29	3°43	14°59	2°47	22°54	24°38	2°56	20°38	9°44	9°53	8°13	4°43	T 30
W31	20 37 12	8♌33'18	1♊34	19♌58	4♍56	14♒43	2♈45	22♉58	24♓37	2♓54	20♋39	9♒44	9♒50	8♐20	4♉44	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23n 3	13n23	4n58	20n24	1n14	21n50	1n24	19s56	4s50	0s18	1s16	15n46	2s10	2s42	0s47	10s45	0s34	21n11	0s46	17s42	17s20	25s45	12n53	0s 0
T 2	22 58	18 41	5 12	19 57	1 6	21 36	1 25	19 59	4 54	0 17	1 16	15 48	2 11	2 42	0 47	10 45	0 34	21 11	0 46	17 42	17 21	25 46	12 54	0 0
W 3	22 53	23 2	5 7	19 29	0 58	21 21	1 26	20 3	4 58	0 15	1 16	15 49	2 11	2 42	0 47	10 45	0 34	21 11	0 46	17 43	17 22	25 47	12 54	0 0
T 4	22 48	25 56	4 41	19 1	0 49	21 6	1 27	20 6	5 3	0 14	1 17	15 51	2 11	2 42	0 47	10 46	0 34	21 11	0 46	17 44	17 23	25 48	12 55	0 0
F 5	22 43	27 3	3 56	18 33	0 39	20 50	1 28	20 10	5 7	0 13	1 17	15 52	2 11	2 42	0 47	10 46	0 34	21 10	0 46	17 45	17 24	25 48	12 55	0 0
S 6	22 36	26 11	2 54	18 4	0 29	20 34	1 29	20 14	5 11	0 12	1 17	15 53	2 11	2 42	0 47	10 46	0 34	21 10	0 46	17 46	17 25	25 49	12 56	0 0
S 7	22 30	23 28	1 42	17 36	0 19	20 17	1 30	20 19	5 16	0 11	1 17	15 54	2 11	2 43	0 47	10 47	0 34	21 10	0 46	17 47	17 26	25 50	12 56	0 1
M 8	22 23	19 16	0 24	17 7	0 8	19 59	1 31	20 23	5 20	0 10	1 18	15 56	2 11	2 43	0 47	10 47	0 34	21 10	0 46	17 47	17 27	25 51	12 57	0 1
T 9	22 16	14 3	0s54	16 39	0s 3	19 41	1 32	20 28	5 24	0 10	1 18	15 57	2 12	2 43	0 47	10 47	0 34	21 10	0 46	17 47	17 27	25 52	12 57	0 1
W10	22 8	8 17	2 6	16 11	0 15	19 22	1 32	20 33	5 28	0 9	1 18	15 58	2 12	2 43	0 47	10 48	0 34	21 10	0 46	17 46	17 28	25 53	12 58	0 1
T 11	22 0	2 19	3 10	15 43	0 27	19 3	1 33	20 38	5 33	0 8	1 19	15 59	2 12	2 44	0 47	10 48	0 34	21 9	0 46	17 46	17 29	25 53	12 58	0 1
F 12	21 52	3s33	4 1	15 15	0 39	18 43	1 33	20 43	5 37	0 8	1 19	16 1	2 12	2 44	0 47	10 49	0 34	21 9	0 46	17 46	17 30	25 54	12 59	0 1
S 13	21 43	9 7	4 40	14 48	0 52	18 23	1 34	20 48	5 41	0 7	1 19	16 2	2 12	2 44	0 47	10 49	0 34	21 9	0 46	17 45	17 31	25 55	12 59	0 1
S 14	21 34	14 12	5 4	14 22	1 5	18 2	1 34	20 54	5 45	0 7	1 20	16 3	2 12	2 44	0 47	10 49	0 34	21 9	0 45	17 45	17 32	25 56	12 59	0 1
M15	21 25	18 39	5 15	13 57	1 18	17 41	1 35	21 0	5 49	0 7	1 20	16 4	2 13	2 45	0 47	10 50	0 34	21 9	0 45	17 46	17 33	25 57	13 0	0 1
T 16	21 15	22 19	5 12	13 32	1 32	17 19	1 35	21 6	5 53	0 6	1 20	16 5	2 13	2 45	0 47	10 50	0 34	21 9	0 45	17 46	17 33	25 58	13 0	0 1
W17	21 5	25 2	4 55	13 8	1 46	16 57	1 35	21 12	5 56	0 6	1 20	16 6	2 13	2 45	0 47	10 51	0 34	21 8	0 45	17 46	17 34	25 58	13 0	0 1
T 18	20 54	26 39	4 26	12 46	1 59	16 35	1 35	21 18	6 0	0 6	1 21	16 7	2 13	2 46	0 47	10 51	0 34	21 8	0 45	17 47	17 35	25 59	13 1	0 1
F 19	20 43	27 3	3 46	12 24	2 13	16 12	1 35	21 24	6 4	0 6	1 21	16 8	2 13	2 46	0 47	10 52	0 34	21 8	0 45	17 47	17 36	26 0	13 1	0 1
S 20	20 32	26 11	2 55	12 4	2 28	15 48	1 35	21 31	6 7	0 6	1 21	16 9	2 13	2 47	0 47	10 52	0 34	21 8	0 45	17 48	17 37	26 1	13 1	0 2
S 21	20 20	24 3	1 55	11 45	2 42	15 24	1 35	21 37	6 11	0 6	1 22	16 10	2 14	2 47	0 47	10 53	0 34	21 8	0 45	17 48	17 38	26 1	13 1	0 2
M22	20 8	20 47	0 49	11 28	2 55	15 0	1 35	21 44	6 14	0 7	1 22	16 11	2 14	2 47	0 48	10 53	0 34	21 8	0 45	17 48	17 39	26 2	13 2	0 2
T 23	19 56	16 31	0n20	11 13	3 9	14 35	1 35	21 50	6 17	0 7	1 22	16 12	2 14	2 48	0 48	10 54	0 34	21 7	0 45	17 48	17 39	26 3	13 2	0 2
W24	19 44	11 27	1 29	10 59	3 23	14 10	1 34	21 57	6 20	0 7	1 23	16 13	2 14	2 48	0 48	10 54	0 34	21 7	0 45	17 48	17 40	26 4	13 2	0 2
T 25	19 31	5 49	2 35	10 48	3 36	13 45	1 34	22 4	6 23	0 8	1 23	16 14	2 14	2 49	0 48	10 55	0 34	21 7	0 45	17 48	17 41	26 4	13 2	0 2
F 26	19 17	0n 9	3 34	10 38	3 48	13 19	1 34	22 10	6 26	0 8	1 23	16 15	2 14	2 49	0 48	10 55	0 34	21 7	0 45	17 48	17 42	26 5	13 2	0 2
S 27	19 4	6 13	4 22	10 31	4 0	12 53	1 33	22 17	6 28	0 9	1 23	16 16	2 15	2 50	0 48	10 56	0 34	21 7	0 45	17 48	17 43	26 6	13 3	0 2
S 28	18 50	12 5	4 57	10 25	4 11	12 27	1 32	22 24	6 31	0 10	1 24	16 16	2 15	2 50	0 48	10 56	0 34	21 7	0 45	17 48	17 44	26 6	13 3	0 2
M29	18 36	17 28	5 15	10 22	4 22	12 0	1 32	22 30	6 33	0 10	1 24	16 17	2 15	2 51	0 48	10 57	0 34	21 6	0 45	17 48	17 45	26 7	13 3	0 2
T 30	18 21	21 59	5 14	10 22	4 31	11 33	1 31	22 37	6 35	0 11	1 24	16 18	2 15	2 52	0 48	10 57	0 34	21 6	0 45	17 48	17 45	26 8	13 3	0 2
W31	18n 6	25n15	4n54	10n24	4s39	11n 6	1n30	22s43	6s37	0s12	1s25	16n19	2s15	2s52	0s48	10s58	0s34	21n 6	0s44	17s48	17s46	26s 9	13n 3	0s 2

Julian Day Number = 2516009.5, Delta T = 141.75 sec
Ecliptic obliquity = 23°25'04, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°12'24, Lahiri = 26°19'25

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2176
geocentric

AUGUST 2176 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 41 8	9♌30'41	16♊ 3	19°R23	6♍ 9	14°R28	2°R43	23♉ 1	24°R35	2°R53	20♋41	9°D44	9♒47	8♐27	4♉44	T 1
F 2	20 45 5	10°28'05	0♋36	18♌45	7°21	14♒12	2♈41	23° 5	24♓34	2♓51	20°42	9♒44	9°43	8°34	4°45	F 2
S 3	20 49 1	11°25'30	15° 8	18° 4	8°34	13°56	2°39	23° 8	24°32	2°50	20°44	9°44	9°40	8°40	4°45	S 3
S 4	20 52 58	12°22'55	29°35	17°21	9°47	13°40	2°36	23°11	24°31	2°48	20°45	9°44	9°37	8°47	4°45	S 4
M 5	20 56 55	13°20'22	13♌49	16°36	11° 0	13°24	2°34	23°15	24°29	2°47	20°46	9°R44	9°34	8°54	4°45	M 5
T 6	21 0 51	14°17'49	27°48	15°50	12°12	13° 8	2°31	23°18	24°28	2°45	20°48	9°44	9°31	9° 0	4°45	T 6
W 7	21 4 48	15°15'18	11♍27	15° 4	13°25	12°51	2°28	23°21	24°26	2°44	20°49	9°44	9°27	9° 7	4°R45	W 7
T 8	21 8 44	16°12'47	24°45	14°18	14°37	12°35	2°25	23°24	24°24	2°42	20°51	9°43	9°24	9°14	4°45	T 8
F 9	21 12 41	17°10'17	7♎41	13°35	15°50	12°19	2°21	23°27	24°23	2°41	20°52	9°42	9°21	9°21	4°45	F 9
S 10	21 16 37	18° 7'47	20°18	12°54	17° 3	12° 3	2°18	23°29	24°21	2°39	20°54	9°41	9°18	9°27	4°45	S 10
S 11	21 20 34	19° 5'19	2♏37	12°16	18°15	11°48	2°14	23°32	24°19	2°37	20°55	9°41	9°15	9°34	4°45	S 11
M12	21 24 30	20° 2'51	14°43	11°43	19°28	11°32	2°10	23°35	24°17	2°36	20°56	9°D40	9°12	9°41	4°45	M12
T 13	21 28 27	21° 0'24	26°40	11°14	20°40	11°17	2° 6	23°37	24°15	2°34	20°58	9°40	9° 8	9°47	4°45	T 13
W14	21 32 24	21°57'58	8♐33	10°51	21°52	11° 2	2° 2	23°39	24°13	2°33	20°59	9°41	9° 5	9°54	4°44	W14
T 15	21 36 20	22°55'33	20°26	10°33	23° 5	10°48	1°57	23°42	24°11	2°31	21° 1	9°42	9° 2	10° 1	4°44	T 15
F 16	21 40 17	23°53'09	2♑23	10°22	24°17	10°34	1°53	23°44	24°10	2°29	21° 2	9°43	8°59	10° 7	4°43	F 16
S 17	21 44 13	24°50'46	14°29	10°D18	25°30	10°20	1°48	23°46	24° 8	2°28	21° 3	9°44	8°56	10°14	4°43	S 17
S 18	21 48 10	25°48'24	26°47	10°21	26°42	10° 7	1°43	23°48	24° 6	2°26	21° 5	9°45	8°53	10°21	4°42	S 18
M19	21 52 6	26°46'03	9♒20	10°31	27°54	9°55	1°38	23°50	24° 3	2°25	21° 6	9°R46	8°49	10°28	4°42	M19
T 20	21 56 3	27°43'43	22° 8	10°49	29° 6	9°43	1°33	23°51	24° 1	2°23	21° 7	9°45	8°46	10°34	4°41	T 20
W21	21 59 59	28°41'25	5♓13	11°14	0♎19	9°31	1°27	23°53	23°59	2°21	21° 9	9°44	8°43	10°41	4°40	W21
T 22	22 3 56	29°39'08	18°35	11°46	1°31	9°20	1°22	23°55	23°57	2°20	21°10	9°42	8°40	10°48	4°40	T 22
F 23	22 7 53	0♍36'52	2♈10	12°26	2°43	9°10	1°16	23°56	23°55	2°18	21°11	9°39	8°37	10°54	4°39	F 23
S 24	22 11 49	1°34'38	15°59	13°13	3°55	9° 1	1°10	23°57	23°53	2°16	21°12	9°36	8°33	11° 1	4°38	S 24
S 25	22 15 46	2°32'25	29°57	14° 7	5° 7	8°52	1° 4	23°59	23°51	2°15	21°14	9°33	8°30	11° 8	4°37	S 25
M26	22 19 42	3°30'14	14♉ 3	15° 7	6°19	8°44	0°58	24° 0	23°49	2°13	21°15	9°31	8°27	11°14	4°36	M26
T 27	22 23 39	4°28'05	28°13	16°15	7°31	8°36	0°52	24° 1	23°46	2°11	21°16	9°D30	8°24	11°21	4°35	T 27
W28	22 27 35	5°25'58	12♊25	17°28	8°43	8°29	0°45	24° 2	23°44	2°10	21°17	9°30	8°21	11°28	4°34	W28
T 29	22 31 32	6°23'53	26°38	18°48	9°55	8°24	0°39	24° 2	23°42	2° 8	21°18	9°31	8°18	11°35	4°33	T 29
F 30	22 35 28	7°21'49	10♋48	20°13	11° 7	8°18	0°32	24° 3	23°40	2° 7	21°19	9°32	8°14	11°41	4°31	F 30
S 31	22 39 25	8♍19'47	24♋54	21♌43	12♎19	8♒14	0♈25	24♉ 4	23♓37	2♓ 5	21♋21	9♒34	8♒11	11♐48	4♉30	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	17n51	26n55	4n16	10n28	4s46	10n38	1n29	22s49	6s39	0s13	1s25	16n19	2s16	2s53	0s48	10s58	0s34	21n 6	0s44	17s48	17s47	26s 9	13n 3	0s 2
F 2	17 36	26 45	3 20	10 34	4 51	10 10	1 28	22 56	6 40	0 14	1 25	16 20	2 16	2 53	0 48	10 59	0 34	21 6	0 44	17 48	17 48	26 10	13 3	0 3
S 3	17 20	24 45	2 12	10 43	4 55	9 42	1 27	23 2	6 41	0 15	1 25	16 21	2 16	2 54	0 48	10 59	0 34	21 5	0 44	17 48	17 49	26 11	13 3	0 3
S 4	17 4	21 8	0 56	10 54	4 57	9 13	1 26	23 8	6 43	0 17	1 26	16 21	2 16	2 55	0 48	11 0	0 34	21 5	0 44	17 48	17 50	26 11	13 3	0 3
M 5	16 48	16 18	0s23	11 7	4 57	8 45	1 25	23 13	6 44	0 18	1 26	16 22	2 16	2 55	0 48	11 0	0 34	21 5	0 44	17 48	17 51	26 12	13 3	0 3
T 6	16 32	10 41	1 38	11 22	4 56	8 16	1 24	23 19	6 44	0 19	1 26	16 23	2 17	2 56	0 48	11 1	0 34	21 5	0 44	17 48	17 51	26 12	13 3	0 3
W 7	16 15	4 41	2 47	11 38	4 53	7 47	1 22	23 24	6 45	0 21	1 27	16 23	2 17	2 57	0 48	11 2	0 34	21 5	0 44	17 48	17 52	26 13	13 3	0 3
T 8	15 58	1s21	3 44	11 56	4 48	7 17	1 21	23 29	6 45	0 22	1 27	16 24	2 17	2 57	0 48	11 2	0 34	21 5	0 44	17 48	17 53	26 14	13 3	0 3
F 9	15 40	7 10	4 29	12 15	4 41	6 48	1 19	23 34	6 46	0 24	1 27	16 24	2 17	2 58	0 48	11 3	0 34	21 4	0 44	17 48	17 54	26 14	13 3	0 3
S 10	15 23	12 32	4 59	12 34	4 32	6 18	1 18	23 39	6 46	0 25	1 27	16 25	2 17	2 59	0 48	11 3	0 34	21 4	0 44	17 48	17 55	26 15	13 3	0 3
S 11	15 5	17 17	5 14	12 54	4 22	5 49	1 16	23 43	6 45	0 27	1 28	16 25	2 18	2 59	0 48	11 4	0 34	21 4	0 44	17 49	17 56	26 15	13 3	0 3
M12	14 47	21 15	5 15	13 15	4 10	5 19	1 14	23 47	6 45	0 29	1 28	16 25	2 18	3 0	0 48	11 5	0 34	21 4	0 44	17 49	17 56	26 16	13 2	0 3
T 13	14 29	24 18	5 3	13 35	3 57	4 48	1 13	23 51	6 45	0 31	1 28	16 26	2 18	3 1	0 48	11 5	0 34	21 4	0 44	17 49	17 57	26 17	13 2	0 3
W14	14 10	26 16	4 37	13 55	3 43	4 18	1 11	23 54	6 44	0 33	1 28	16 26	2 18	3 2	0 48	11 6	0 34	21 4	0 44	17 49	17 58	26 17	13 2	0 3
T 15	13 52	27 4	4 0	14 14	3 28	3 48	1 9	23 58	6 43	0 35	1 29	16 27	2 18	3 3	0 48	11 6	0 34	21 4	0 44	17 48	17 59	26 18	13 2	0 4
F 16	13 33	26 36	3 12	14 32	3 12	3 17	1 7	24 0	6 42	0 37	1 29	16 27	2 19	3 3	0 48	11 7	0 34	21 3	0 44	17 48	18 0	26 18	13 2	0 4
S 17	13 14	24 52	2 15	14 49	2 56	2 47	1 5	24 3	6 40	0 39	1 29	16 27	2 19	3 4	0 48	11 7	0 34	21 3	0 44	17 48	18 1	26 19	13 1	0 4
S 18	12 54	21 57	1 11	15 5	2 38	2 16	1 3	24 5	6 39	0 41	1 29	16 28	2 19	3 5	0 48	11 8	0 35	21 3	0 44	17 47	18 1	26 19	13 1	0 4
M19	12 35	17 57	0 2	15 19	2 21	1 45	1 0	24 7	6 37	0 43	1 30	16 28	2 19	3 6	0 48	11 9	0 35	21 3	0 43	17 47	18 2	26 20	13 1	0 4
T 20	12 15	13 3	1n 8	15 31	2 4	1 15	0 58	24 9	6 35	0 46	1 30	16 28	2 20	3 7	0 48	11 9	0 35	21 3	0 43	17 47	18 3	26 21	13 1	0 4
W21	11 55	7 29	2 16	15 42	1 46	0 44	0 56	24 10	6 33	0 48	1 30	16 28	2 20	3 7	0 48	11 10	0 35	21 3	0 43	17 48	18 4	26 21	13 0	0 4
T 22	11 35	1 29	3 18	15 50	1 29	0 13	0 53	24 11	6 31	0 50	1 30	16 28	2 20	3 8	0 48	11 10	0 35	21 2	0 43	17 48	18 5	26 22	13 0	0 4
F 23	11 15	4n41	4 10	15 55	1 11	0s18	0 51	24 11	6 29	0 53	1 31	16 28	2 20	3 9	0 48	11 11	0 35	21 2	0 43	17 49	18 6	26 22	12 59	0 4
S 24	10 54	10 42	4 48	15 58	0 55	0 49	0 48	24 12	6 27	0 55	1 31	16 29	2 20	3 10	0 48	11 12	0 35	21 2	0 43	17 50	18 6	26 23	12 59	0 4
S 25	10 34	16 16	5 10	15 58	0 38	1 20	0 46	24 12	6 24	0 58	1 31	16 29	2 21	3 11	0 48	11 12	0 35	21 2	0 43	17 51	18 7	26 23	12 59	0 4
M26	10 13	21 1	5 13	15 55	0 23	1 51	0 43	24 11	6 21	1 1	1 31	16 29	2 21	3 12	0 48	11 13	0 35	21 2	0 43	17 51	18 8	26 24	12 58	0 4
T 27	9 52	24 34	4 58	15 50	0 8	2 22	0 41	24 11	6 19	1 3	1 31	16 29	2 21	3 13	0 48	11 13	0 35	21 2	0 43	17 52	18 9	26 24	12 58	0 5
W28	9 31	26 37	4 24	15 41	0n 7	2 52	0 38	24 10	6 16	1 6	1 32	16 29	2 21	3 14	0 48	11 14	0 35	21 2	0 43	17 52	18 10	26 24	12 57	0 5
T 29	9 9	26 56	3 34	15 30	0 20	3 23	0 35	24 8	6 13	1 9	1 32	16 29	2 21	3 14	0 48	11 15	0 35	21 1	0 43	17 51	18 11	26 25	12 57	0 5
F 30	8 48	25 29	2 31	15 15	0 33	3 54	0 32	24 7	6 10	1 12	1 32	16 29	2 22	3 15	0 48	11 15	0 35	21 1	0 43	17 51	18 11	26 25	12 57	0 5
S 31	8n26	22n26	1n20	14n57	0n44	4s25	0n29	24s 5	6s 6	1s14	1s32	16n29	2s22	3s16	0s48	11s16	0s35	21n 1	0s43	17s51	18s12	26s26	12n56	0s 5

Julian Day Number = 2516040.5, Delta T = 141.82 sec
Ecliptic obliquity = 23°25'04, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°12'28, Lahiri = 26°19'29

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2176
geocentric

SEPTEMBER 2176 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 43 22	9♍17'47	8♌53	23♌17	13♎30	8°R10	0°R19	24♉ 4	23°R35	2°R 3	21♋22	9°R34	8♒ 8	11♐55	4°R29	S 1
M 2	22 47 18	10°15'49	22°43	24°56	14°42	8♒ 8	0♈12	24° 5	23♓33	2♓ 2	21°23	9♒34	8° 5	12° 1	4♉28	M 2
T 3	22 51 15	11°13'52	6♍21	26°38	15°54	8° 6	0° 4	24° 5	23°31	2° 0	21°24	9°31	8° 2	12° 8	4°26	T 3
W 4	22 55 11	12°11'57	19°45	28°23	17° 6	8° 4	29♓57	24° 5	23°28	1°58	21°25	9°28	7°58	12°15	4°25	W 4
T 5	22 59 8	13°10'04	2♎52	0♍11	18°17	8°D 4	29°50	24°R 5	23°26	1°57	21°26	9°23	7°55	12°21	4°23	T 5
F 6	23 3 4	14° 8'12	15°42	2° 2	19°29	8° 5	29°43	24° 5	23°23	1°55	21°27	9°17	7°52	12°28	4°22	F 6
S 7	23 7 1	15° 6'21	28°15	3°53	20°41	8° 6	29°35	24° 5	23°21	1°54	21°28	9°11	7°49	12°35	4°20	S 7
S 8	23 10 57	16° 4'32	10♏33	5°47	21°52	8° 8	29°28	24° 5	23°19	1°52	21°29	9° 5	7°46	12°42	4°19	S 8
M 9	23 14 54	17° 2'45	22°39	7°41	23° 4	8°11	29°20	24° 4	23°16	1°50	21°30	9° 1	7°43	12°48	4°17	M 9
T 10	23 18 51	18° 0'59	4♐35	9°36	24°15	8°15	29°12	24° 4	23°14	1°49	21°31	8°58	7°39	12°55	4°15	T 10
W11	23 22 47	18°59'15	16°27	11°31	25°27	8°19	29° 5	24° 3	23°12	1°47	21°32	8°D57	7°36	13° 2	4°13	W11
T 12	23 26 44	19°57'32	28°19	13°27	26°38	8°25	28°57	24° 2	23° 9	1°46	21°33	8°58	7°33	13° 8	4°12	T 12
F 13	23 30 40	20°55'51	10♑16	15°22	27°49	8°31	28°49	24° 2	23° 7	1°44	21°34	8°59	7°30	13°15	4°10	F 13
S 14	23 34 37	21°54'12	22°23	17°17	29° 0	8°38	28°41	24° 1	23° 4	1°43	21°35	9° 1	7°27	13°22	4° 8	S 14
S 15	23 38 33	22°52'34	4♒46	19°11	0♏12	8°46	28°33	24° 0	23° 2	1°41	21°36	9°R 2	7°24	13°28	4° 6	S 15
M16	23 42 30	23°50'57	17°26	21° 5	1°23	8°54	28°25	23°59	23° 0	1°40	21°36	9° 1	7°20	13°35	4° 4	M16
T 17	23 46 26	24°49'22	0♓28	22°58	2°34	9° 4	28°17	23°57	22°57	1°38	21°37	8°59	7°17	13°42	4° 2	T 17
W18	23 50 23	25°47'49	13°52	24°51	3°45	9°14	28° 9	23°56	22°55	1°37	21°38	8°55	7°14	13°49	4° 0	W18
T 19	23 54 20	26°46'18	27°37	26°42	4°56	9°24	28° 1	23°55	22°52	1°35	21°39	8°49	7°11	13°55	3°58	T 19
F 20	23 58 16	27°44'48	11♈40	28°33	6° 7	9°36	27°53	23°53	22°50	1°34	21°40	8°41	7° 8	14° 2	3°56	F 20
S 21	0 2 13	28°43'21	25°56	0♎22	7°18	9°48	27°45	23°51	22°48	1°33	21°40	8°33	7° 4	14° 9	3°53	S 21
S 22	0 6 9	29°41'55	10♉21	2°11	8°29	10° 1	27°37	23°50	22°45	1°31	21°41	8°26	7° 1	14°15	3°51	S 22
M23	0 10 6	0♎40'32	24°47	3°59	9°39	10°15	27°29	23°48	22°43	1°30	21°42	8°20	6°58	14°22	3°49	M23
T 24	0 14 2	1°39'11	9♊11	5°45	10°50	10°29	27°21	23°46	22°41	1°28	21°42	8°15	6°55	14°29	3°47	T 24
W25	0 17 59	2°37'53	23°27	7°31	12° 1	10°44	27°13	23°44	22°38	1°27	21°43	8°13	6°52	14°35	3°44	W25
T 26	0 21 55	3°36'36	7♋34	9°16	13°11	10°59	27° 6	23°42	22°36	1°26	21°44	8°D13	6°49	14°42	3°42	T 26
F 27	0 25 52	4°35'22	21°31	11° 0	14°22	11°16	26°58	23°40	22°34	1°24	21°44	8°14	6°45	14°49	3°40	F 27
S 28	0 29 49	5°34'10	5♌17	12°42	15°33	11°32	26°50	23°37	22°31	1°23	21°45	8°R14	6°42	14°55	3°37	S 28
S 29	0 33 45	6°33'00	18°52	14°24	16°43	11°50	26°42	23°35	22°29	1°22	21°45	8°14	6°39	15° 2	3°35	S 29
M30	0 37 42	7♎31'53	2♍17	16♎ 5	17♏53	12♒ 8	26♓34	23♉32	22♓27	1♓21	21♋46	8♒11	6♒36	15♐ 9	3♉32	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n 5	18n 5	0n 4	14n37	0n55	4s55	0n26	24s 3	6s 3	1s17	1s32	16n29	2s22	3s17	0s48	11s16	0s35	21n 1	0s43	17s50	18s13	26s26	12n56	0s 5
M 2	7 43	12 48	1s11	14 13	1 5	5 26	0 23	24 0	6 0	1 20	1 32	16 28	2 22	3 18	0 48	11 17	0 35	21 1	0 43	17 51	18 14	26 27	12 55	0 5
T 3	7 21	6 59	2 21	13 46	1 13	5 56	0 20	23 57	5 56	1 23	1 33	16 28	2 23	3 19	0 48	11 18	0 35	21 1	0 43	17 51	18 15	26 27	12 54	0 5
W 4	6 59	0 58	3 22	13 17	1 21	6 27	0 17	23 54	5 53	1 26	1 33	16 28	2 23	3 20	0 48	11 18	0 35	21 1	0 43	17 52	18 15	26 28	12 54	0 5
T 5	6 37	4s58	4 10	12 46	1 27	6 57	0 14	23 51	5 49	1 29	1 33	16 28	2 23	3 21	0 48	11 19	0 35	21 1	0 43	17 53	18 16	26 28	12 53	0 5
F 6	6 14	10 33	4 45	12 12	1 33	7 27	0 11	23 47	5 45	1 32	1 33	16 28	2 23	3 22	0 48	11 19	0 35	21 0	0 43	17 55	18 17	26 28	12 53	0 5
S 7	5 52	15 35	5 5	11 35	1 38	7 57	0 8	23 43	5 42	1 35	1 33	16 27	2 23	3 23	0 48	11 20	0 35	21 0	0 43	17 57	18 18	26 29	12 52	0 5
S 8	5 29	19 53	5 10	10 57	1 41	8 27	0 4	23 39	5 38	1 39	1 33	16 27	2 24	3 24	0 48	11 20	0 35	21 0	0 43	17 58	18 19	26 29	12 51	0 6
M 9	5 7	23 17	5 2	10 18	1 44	8 56	0 1	23 35	5 34	1 42	1 33	16 27	2 24	3 25	0 48	11 21	0 35	21 0	0 42	17 59	18 20	26 30	12 51	0 6
T 10	4 44	25 38	4 40	9 36	1 46	9 26	0s 2	23 30	5 30	1 45	1 34	16 27	2 24	3 26	0 48	11 22	0 35	21 0	0 42	18 0	18 20	26 30	12 50	0 6
W11	4 21	26 49	4 7	8 54	1 47	9 55	0 6	23 25	5 26	1 48	1 34	16 26	2 24	3 26	0 48	11 22	0 35	21 0	0 42	18 0	18 21	26 30	12 49	0 6
T 12	3 58	26 47	3 23	8 10	1 48	10 24	0 9	23 20	5 22	1 51	1 34	16 26	2 24	3 27	0 48	11 23	0 35	21 0	0 42	18 0	18 22	26 31	12 49	0 6
F 13	3 36	25 30	2 30	7 25	1 48	10 53	0 12	23 14	5 18	1 54	1 34	16 26	2 25	3 28	0 48	11 23	0 35	21 0	0 42	18 0	18 23	26 31	12 48	0 6
S 14	3 13	23 1	1 29	6 39	1 47	11 22	0 16	23 8	5 14	1 58	1 34	16 25	2 25	3 29	0 48	11 24	0 35	21 0	0 42	17 59	18 24	26 31	12 47	0 6
S 15	2 50	19 26	0 23	5 53	1 45	11 50	0 19	23 2	5 10	2 1	1 34	16 25	2 25	3 30	0 48	11 24	0 35	21 0	0 42	17 59	18 24	26 32	12 47	0 6
M16	2 26	14 52	0n45	5 6	1 43	12 18	0 23	22 56	5 6	2 4	1 34	16 24	2 25	3 31	0 48	11 25	0 35	20 59	0 42	17 59	18 25	26 32	12 46	0 6
T 17	2 3	9 32	1 53	4 19	1 40	12 46	0 26	22 50	5 2	2 7	1 34	16 24	2 25	3 32	0 48	11 25	0 35	20 59	0 42	18 0	18 26	26 32	12 45	0 6
W18	1 40	3 37	2 57	3 32	1 37	13 14	0 30	22 43	4 58	2 10	1 34	16 23	2 26	3 33	0 48	11 26	0 35	20 59	0 42	18 1	18 27	26 33	12 44	0 6
T 19	1 17	2n35	3 51	2 44	1 33	13 41	0 34	22 37	4 54	2 14	1 34	16 23	2 26	3 34	0 48	11 26	0 35	20 59	0 42	18 2	18 28	26 33	12 44	0 6
F 20	0 54	8 48	4 33	1 56	1 29	14 8	0 37	22 30	4 50	2 17	1 34	16 22	2 26	3 35	0 48	11 27	0 35	20 59	0 42	18 4	18 28	26 33	12 43	0 7
S 21	0 30	14 39	4 59	1 9	1 25	14 35	0 41	22 22	4 46	2 20	1 34	16 21	2 26	3 36	0 48	11 27	0 35	20 59	0 42	18 6	18 29	26 33	12 42	0 7
S 22	0 7	19 45	5 6	0 21	1 20	15 1	0 44	22 15	4 42	2 23	1 34	16 21	2 26	3 37	0 48	11 28	0 35	20 59	0 42	18 8	18 30	26 34	12 41	0 7
M23	0s16	23 42	4 54	0s26	1 15	15 27	0 48	22 7	4 38	2 26	1 34	16 20	2 27	3 38	0 48	11 28	0 35	20 59	0 42	18 10	18 31	26 34	12 40	0 7
T 24	0 39	26 8	4 23	1 13	1 9	15 53	0 52	22 0	4 34	2 30	1 34	16 20	2 27	3 39	0 48	11 29	0 35	20 59	0 42	18 11	18 32	26 34	12 39	0 7
W25	1 3	26 51	3 36	2 0	1 4	16 18	0 55	21 52	4 30	2 33	1 34	16 19	2 27	3 40	0 48	11 29	0 35	20 59	0 42	18 12	18 32	26 34	12 39	0 7
T 26	1 26	25 49	2 37	2 47	0 58	16 43	0 59	21 43	4 26	2 36	1 34	16 18	2 27	3 41	0 48	11 30	0 35	20 59	0 42	18 12	18 33	26 35	12 38	0 7
F 27	1 49	23 9	1 28	3 33	0 52	17 8	1 3	21 35	4 22	2 39	1 34	16 18	2 27	3 41	0 48	11 30	0 35	20 59	0 42	18 12	18 34	26 35	12 37	0 7
S 28	2 13	19 11	0 16	4 19	0 45	17 32	1 6	21 27	4 19	2 42	1 34	16 17	2 27	3 42	0 48	11 31	0 35	20 59	0 42	18 11	18 35	26 35	12 36	0 7
S 29	2 36	14 15	0s57	5 5	0 39	17 56	1 10	21 18	4 15	2 45	1 34	16 16	2 28	3 43	0 48	11 31	0 35	20 59	0 42	18 11	18 36	26 35	12 35	0 7
M30	2s59	8n43	2s 5	5s49	0n32	18s19	1s14	21s 9	4s11	2s48	1s34	16n15	2s28	3s44	0s48	11s32	0s35	20n59	0s42	18s12	18s36	26s36	12n34	0s 7

Julian Day Number = 2516071.5, Delta T = 141.89 sec
Ecliptic obliquity = 23°25'05, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°12'33, Lahiri = 26°19'33

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2176
geocentric

OCTOBER 2176 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 41 38	8♎30'47	15♍31	17♎45	19♏ 4	12♒26	26°R27	23°R30	22°R24	1°R19	21♋47	8°R 6	6♒33	15♐16	3°R30	T 1
W 2	0 45 35	9°29'44	28°34	19°24	20°14	12°46	26♓19	23♉27	22♓22	1♓18	21°47	7♒58	6°30	15°22	3♉27	W 2
T 3	0 49 31	10°28'43	11♎24	21° 3	21°24	13° 5	26°11	23°24	22°20	1°17	21°48	7°48	6°26	15°29	3°25	T 3
F 4	0 53 28	11°27'44	24° 2	22°40	22°34	13°26	26° 4	23°21	22°18	1°16	21°48	7°37	6°23	15°36	3°22	F 4
S 5	0 57 24	12°26'46	6♏26	24°17	23°44	13°47	25°57	23°18	22°15	1°15	21°48	7°25	6°20	15°42	3°19	S 5
S 6	1 1 21	13°25'51	18°39	25°52	24°54	14° 8	25°49	23°15	22°13	1°13	21°49	7°14	6°17	15°49	3°17	S 6
M 7	1 5 17	14°24'58	0♐41	27°27	26° 4	14°30	25°42	23°12	22°11	1°12	21°49	7° 4	6°14	15°56	3°14	M 7
T 8	1 9 14	15°24'06	12°35	29° 1	27°14	14°53	25°35	23° 9	22° 9	1°11	21°50	6°57	6°10	16° 2	3°11	T 8
W 9	1 13 11	16°23'16	24°24	0♏35	28°24	15°16	25°28	23° 5	22° 7	1°10	21°50	6°52	6° 7	16° 9	3° 9	W 9
T 10	1 17 7	17°22'29	6♑14	2° 7	29°33	15°39	25°21	23° 2	22° 5	1° 9	21°50	6°50	6° 4	16°16	3° 6	T 10
F 11	1 21 4	18°21'42	18° 9	3°39	0♐43	16° 3	25°14	22°59	22° 3	1° 8	21°50	6°D49	6° 1	16°22	3° 3	F 11
S 12	1 25 0	19°20'58	0♒14	5°10	1°53	16°28	25° 8	22°55	22° 0	1° 7	21°51	6°R49	5°58	16°29	3° 1	S 12
S 13	1 28 57	20°20'15	12°34	6°40	3° 2	16°52	25° 1	22°51	21°58	1° 6	21°51	6°49	5°55	16°36	2°58	S 13
M14	1 32 53	21°19'34	25°16	8° 9	4°11	17°18	24°55	22°48	21°56	1° 5	21°51	6°48	5°51	16°43	2°55	M14
T 15	1 36 50	22°18'55	8♓22	9°38	5°20	17°43	24°49	22°44	21°54	1° 5	21°51	6°44	5°48	16°49	2°52	T 15
W16	1 40 46	23°18'18	21°56	11° 6	6°30	18°10	24°43	22°40	21°53	1° 4	21°51	6°38	5°45	16°56	2°49	W16
T 17	1 44 43	24°17'42	5♈56	12°33	7°39	18°36	24°37	22°36	21°51	1° 3	21°52	6°29	5°42	17° 3	2°47	T 17
F 18	1 48 40	25°17'09	20°20	13°59	8°48	19° 3	24°31	22°32	21°49	1° 2	21°52	6°19	5°39	17° 9	2°44	F 18
S 19	1 52 36	26°16'37	5♉ 2	15°25	9°56	19°31	24°25	22°28	21°47	1° 1	21°52	6° 7	5°35	17°16	2°41	S 19
S 20	1 56 33	27°16'08	19°53	16°50	11° 5	19°58	24°20	22°24	21°45	1° 1	21°52	5°56	5°32	17°23	2°38	S 20
M21	2 0 29	28°15'40	4♊46	18°14	12°14	20°26	24°14	22°20	21°43	1° 0	21°52	5°47	5°29	17°29	2°35	M21
T 22	2 4 26	29°15'15	19°31	19°36	13°22	20°55	24° 9	22°16	21°41	0°59	21°R52	5°40	5°26	17°36	2°32	T 22
W23	2 8 22	0♏14'53	4♋ 2	20°59	14°30	21°24	24° 4	22°11	21°40	0°59	21°52	5°36	5°23	17°43	2°30	W23
T 24	2 12 19	1°14'32	18°17	22°20	15°39	21°53	23°59	22° 7	21°38	0°58	21°52	5°34	5°20	17°49	2°27	T 24
F 25	2 16 15	2°14'14	2♌12	23°40	16°47	22°22	23°54	22° 3	21°36	0°57	21°52	5°33	5°16	17°56	2°24	F 25
S 26	2 20 12	3°13'58	15°50	24°58	17°55	22°52	23°50	21°58	21°35	0°57	21°52	5°33	5°13	18° 3	2°21	S 26
S 27	2 24 9	4°13'44	29°11	26°16	19° 3	23°22	23°45	21°54	21°33	0°56	21°52	5°32	5°10	18° 9	2°18	S 27
M28	2 28 5	5°13'33	12♍18	27°32	20°10	23°52	23°41	21°49	21°32	0°56	21°52	5°28	5° 7	18°16	2°15	M28
T 29	2 32 2	6°13'23	25°12	28°47	21°18	24°23	23°37	21°44	21°30	0°55	21°51	5°22	5° 4	18°23	2°12	T 29
W30	2 35 58	7°13'16	7♎54	0♐ 1	22°26	24°54	23°33	21°40	21°29	0°55	21°51	5°12	5° 1	18°30	2° 9	W30
T 31	2 39 55	8♏13'11	20♎26	1♐13	23♐33	25♒25	23♓30	21♉35	21♓27	0♓54	21♋51	5♒ 0	4♒57	18♐36	2♉ 7	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3s22	2n51	3s 5	6s34	0n26	18s42	1s17	21s 0	4s 7	2s51	1s34	16n14	2s28	3s45	0s48	11s32	0s35	20n59	0s41	18s13	18s37	26s36	12n33	0s 8
W 2	3 46	3s 1	3 55	7 18	0 19	19 5	1 21	20 51	4 3	2 54	1 34	16 14	2 28	3 46	0 48	11 33	0 35	20 59	0 41	18 15	18 38	26 36	12 32	0 8
T 3	4 9	8 40	4 31	8 1	0 12	19 27	1 24	20 41	3 59	2 57	1 34	16 13	2 28	3 47	0 48	11 33	0 35	20 58	0 41	18 18	18 39	26 36	12 31	0 8
F 4	4 32	13 52	4 54	8 44	0 5	19 49	1 28	20 32	3 55	3 0	1 34	16 12	2 28	3 48	0 48	11 33	0 35	20 58	0 41	18 21	18 40	26 36	12 30	0 8
S 5	4 55	18 24	5 2	9 26	0s 2	20 10	1 31	20 22	3 52	3 3	1 34	16 11	2 29	3 49	0 48	11 34	0 35	20 58	0 41	18 24	18 40	26 37	12 29	0 8
S 6	5 18	22 6	4 57	10 8	0 9	20 31	1 35	20 12	3 48	3 6	1 34	16 10	2 29	3 49	0 48	11 34	0 35	20 58	0 41	18 27	18 41	26 37	12 28	0 8
M 7	5 41	24 48	4 38	10 49	0 16	20 51	1 39	20 2	3 44	3 8	1 34	16 9	2 29	3 50	0 48	11 35	0 35	20 58	0 41	18 29	18 42	26 37	12 27	0 8
T 8	6 4	26 22	4 7	11 29	0 23	21 11	1 42	19 52	3 40	3 11	1 34	16 8	2 29	3 51	0 48	11 35	0 35	20 58	0 41	18 31	18 43	26 37	12 26	0 8
W 9	6 26	26 43	3 25	12 8	0 30	21 30	1 46	19 42	3 37	3 14	1 34	16 7	2 29	3 52	0 48	11 35	0 35	20 58	0 41	18 32	18 44	26 37	12 25	0 8
T 10	6 49	25 51	2 35	12 47	0 38	21 49	1 49	19 31	3 33	3 17	1 33	16 6	2 29	3 53	0 48	11 36	0 35	20 58	0 41	18 33	18 44	26 37	12 24	0 8
F 11	7 12	23 48	1 38	13 25	0 45	22 7	1 52	19 20	3 29	3 19	1 33	16 5	2 29	3 54	0 48	11 36	0 35	20 58	0 41	18 33	18 45	26 38	12 23	0 8
S 12	7 34	20 39	0 35	14 3	0 52	22 24	1 56	19 10	3 26	3 22	1 33	16 4	2 30	3 54	0 48	11 36	0 35	20 58	0 41	18 33	18 46	26 38	12 22	0 8
S 13	7 56	16 32	0n31	14 39	0 59	22 41	1 59	18 59	3 22	3 24	1 33	16 3	2 30	3 55	0 48	11 37	0 35	20 58	0 41	18 33	18 47	26 38	12 21	0 9
M14	8 19	11 35	1 36	15 15	1 6	22 58	2 2	18 47	3 19	3 26	1 33	16 2	2 30	3 56	0 48	11 37	0 35	20 58	0 41	18 33	18 47	26 38	12 20	0 9
T 15	8 41	5 58	2 39	15 50	1 12	23 14	2 6	18 36	3 15	3 29	1 33	16 1	2 30	3 57	0 48	11 37	0 35	20 58	0 41	18 34	18 48	26 38	12 19	0 9
W16	9 3	0n 5	3 35	16 24	1 19	23 29	2 9	18 25	3 12	3 31	1 33	16 0	2 30	3 57	0 48	11 38	0 35	20 58	0 41	18 36	18 49	26 38	12 18	0 9
T 17	9 25	6 19	4 19	16 57	1 26	23 44	2 12	18 13	3 8	3 33	1 33	15 59	2 30	3 58	0 48	11 38	0 35	20 58	0 41	18 38	18 50	26 38	12 17	0 9
F 18	9 46	12 24	4 49	17 30	1 32	23 58	2 15	18 2	3 5	3 36	1 32	15 58	2 30	3 59	0 48	11 38	0 35	20 58	0 41	18 41	18 51	26 38	12 16	0 9
S 19	10 8	17 54	5 0	18 1	1 39	24 12	2 18	17 50	3 2	3 38	1 32	15 57	2 30	4 0	0 48	11 39	0 35	20 58	0 41	18 44	18 51	26 38	12 15	0 9
S 20	10 29	22 22	4 52	18 32	1 45	24 25	2 21	17 38	2 58	3 40	1 32	15 56	2 30	4 0	0 48	11 39	0 35	20 59	0 41	18 46	18 52	26 38	12 14	0 9
M21	10 51	25 23	4 23	19 1	1 51	24 37	2 24	17 26	2 55	3 42	1 32	15 55	2 30	4 1	0 48	11 39	0 35	20 59	0 41	18 49	18 53	26 38	12 13	0 9
T 22	11 12	26 37	3 38	19 30	1 57	24 49	2 27	17 13	2 52	3 44	1 32	15 54	2 30	4 2	0 48	11 39	0 35	20 59	0 41	18 50	18 54	26 38	12 12	0 9
W23	11 33	25 59	2 38	19 58	2 3	25 0	2 29	17 1	2 48	3 45	1 32	15 52	2 31	4 2	0 48	11 39	0 35	20 59	0 41	18 51	18 54	26 39	12 11	0 9
T 24	11 54	23 39	1 30	20 24	2 8	25 10	2 32	16 49	2 45	3 47	1 31	15 51	2 31	4 3	0 48	11 40	0 35	20 59	0 40	18 52	18 55	26 39	12 10	0 9
F 25	12 14	19 56	0 18	20 50	2 14	25 20	2 35	16 36	2 42	3 49	1 31	15 50	2 31	4 3	0 48	11 40	0 35	20 59	0 40	18 52	18 56	26 39	12 9	0 10
S 26	12 35	15 13	0s54	21 14	2 19	25 29	2 37	16 23	2 39	3 50	1 31	15 49	2 31	4 4	0 48	11 40	0 35	20 59	0 40	18 52	18 57	26 39	12 8	0 10
S 27	12 55	9 51	2 1	21 38	2 24	25 37	2 40	16 10	2 36	3 52	1 31	15 48	2 31	4 5	0 48	11 40	0 35	20 59	0 40	18 52	18 58	26 39	12 7	0 10
M28	13 15	4 9	3 1	22 0	2 28	25 45	2 42	15 57	2 33	3 53	1 31	15 47	2 31	4 5	0 48	11 40	0 35	20 59	0 40	18 53	18 58	26 39	12 6	0 10
T 29	13 35	1s37	3 50	22 21	2 32	25 52	2 45	15 44	2 30	3 55	1 30	15 45	2 31	4 6	0 48	11 41	0 35	20 59	0 40	18 55	18 59	26 39	12 4	0 10
W30	13 55	7 13	4 27	22 41	2 36	25 59	2 47	15 31	2 27	3 56	1 30	15 44	2 31	4 6	0 48	11 41	0 35	20 59	0 40	18 57	19 0	26 39	12 3	0 10
T 31	14s14	12s27	4s50	22s59	2s40	26s 4	2s49	15s18	2s24	3s57	1s30	15n43	2s31	4s 7	0s48	11s41	0s35	20n59	0s40	19s 0	19s 1	26s39	12n 2	0s10

Julian Day Number = 2516101.5, Delta T = 141.96 sec
Ecliptic obliquity = 23°25'05, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°12'37, Lahiri = 26°19'37

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2176
geocentric

NOVEMBER 2176 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 43 51	9♏13'08	2♏49	2♐22	24♐40	25♒57	23°R26	21°R31	21°R26	0°R54	21°R51	4°R46	4♒54	18♐43	2°R 4	F 1
S 2	2 47 48	10°13'06	15° 2	3°30	25°47	26°29	23♓23	21♉26	21♓25	0♓54	21♋50	4♒32	4°51	18°50	2♉ 1	S 2
S 3	2 51 44	11°13'07	27° 6	4°36	26°54	27° 1	23°20	21°21	21°23	0°53	21°50	4°18	4°48	18°56	1°58	S 3
M 4	2 55 41	12°13'10	9♐ 3	5°39	28° 1	27°33	23°17	21°16	21°22	0°53	21°50	4° 6	4°45	19° 3	1°55	M 4
T 5	2 59 38	13°13'14	20°54	6°39	29° 7	28° 6	23°15	21°12	21°21	0°53	21°50	3°56	4°41	19°10	1°52	T 5
W 6	3 3 34	14°13'20	2♑41	7°36	0♑14	28°39	23°12	21° 7	21°20	0°53	21°49	3°50	4°38	19°16	1°50	W 6
T 7	3 7 31	15°13'27	14°29	8°30	1°20	29°12	23°10	21° 2	21°18	0°53	21°49	3°46	4°35	19°23	1°47	T 7
F 8	3 11 27	16°13'37	26°21	9°20	2°26	29°45	23° 8	20°57	21°17	0°52	21°48	3°44	4°32	19°30	1°44	F 8
S 9	3 15 24	17°13'47	8♒23	10° 5	3°32	0♓19	23° 6	20°52	21°16	0°52	21°48	3°D44	4°29	19°36	1°41	S 9
S 10	3 19 20	18°14'00	20°40	10°46	4°37	0°52	23° 4	20°47	21°15	0°52	21°48	3°R44	4°26	19°43	1°39	S 10
M11	3 23 17	19°14'13	3♓17	11°21	5°43	1°26	23° 3	20°43	21°14	0°52	21°47	3°43	4°22	19°50	1°36	M11
T 12	3 27 13	20°14'28	16°20	11°50	6°48	2° 1	23° 2	20°38	21°14	0°D52	21°47	3°41	4°19	19°56	1°33	T 12
W13	3 31 10	21°14'45	29°51	12°12	7°53	2°35	23° 1	20°33	21°13	0°52	21°46	3°36	4°16	20° 3	1°31	W13
T 14	3 35 7	22°15'03	13♈52	12°27	8°57	3°10	23° 0	20°28	21°12	0°52	21°46	3°28	4°13	20°10	1°28	T 14
F 15	3 39 3	23°15'22	28°22	12°R33	10° 2	3°44	22°59	20°23	21°11	0°52	21°45	3°18	4°10	20°16	1°25	F 15
S 16	3 43 0	24°15'43	13♉16	12°31	11° 6	4°19	22°59	20°18	21°10	0°53	21°44	3° 8	4° 7	20°23	1°23	S 16
S 17	3 46 56	25°16'06	28°24	12°20	12°10	4°55	22°D59	20°13	21°10	0°53	21°44	2°57	4° 3	20°30	1°20	S 17
M18	3 50 53	26°16'30	13♊38	11°58	13°13	5°30	22°59	20° 9	21° 9	0°53	21°43	2°48	4° 0	20°37	1°18	M18
T 19	3 54 49	27°16'56	28°45	11°26	14°17	6° 5	22°59	20° 4	21° 9	0°53	21°43	2°42	3°57	20°43	1°15	T 19
W20	3 58 46	28°17'24	13♋37	10°44	15°20	6°41	22°59	19°59	21° 8	0°53	21°42	2°38	3°54	20°50	1°13	W20
T 21	4 2 42	29°17'54	28° 8	9°51	16°23	7°17	23° 0	19°54	21° 8	0°54	21°41	2°D36	3°51	20°57	1°10	T 21
F 22	4 6 39	0♐18'25	12♌14	8°50	17°25	7°53	23° 1	19°49	21° 7	0°54	21°41	2°37	3°47	21° 3	1° 8	F 22
S 23	4 10 36	1°18'58	25°57	7°40	18°27	8°29	23° 2	19°45	21° 7	0°54	21°40	2°R37	3°44	21°10	1° 5	S 23
S 24	4 14 32	2°19'33	9♍16	6°24	19°29	9° 5	23° 3	19°40	21° 6	0°55	21°39	2°37	3°41	21°17	1° 3	S 24
M25	4 18 29	3°20'10	22°16	5° 3	20°31	9°41	23° 5	19°35	21° 6	0°55	21°38	2°35	3°38	21°23	1° 1	M25
T 26	4 22 25	4°20'48	4♎59	3°41	21°32	10°18	23° 6	19°31	21° 6	0°56	21°38	2°31	3°35	21°30	0°58	T 26
W27	4 26 22	5°21'28	17°28	2°21	22°32	10°55	23° 8	19°26	21° 6	0°56	21°37	2°24	3°32	21°37	0°56	W27
T 28	4 30 18	6°22'09	29°46	1° 4	23°33	11°31	23°10	19°22	21° 6	0°57	21°36	2°15	3°28	21°43	0°54	T 28
F 29	4 34 15	7°22'52	11♏55	29♏53	24°33	12° 8	23°12	19°17	21° 6	0°57	21°35	2° 5	3°25	21°50	0°52	F 29
S 30	4 38 11	8♐23'37	23♏57	28♏51	25♑32	12♓45	23♓15	19♉13	21°D 6	0♓58	21♋34	1♒54	3♒22	21♐57	0♉50	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14s33	17s 7	4s59	23s17	2s43	26s10	2s51	15s 4	2s21	3s59	1s30	15n42	2s31	4s 7	0s48	11s41	0s35	20n59	0s40	19s 3	19s 1	26s39	12n 1	0s10
S 2	14 52	21 1	4 55	23 32	2 45	26 14	2 53	14 50	2 18	4 0	1 30	15 40	2 31	4 8	0 48	11 41	0 35	20 59	0 40	19 7	19 2	26 39	12 0	0 10
S 3	15 11	23 59	4 37	23 47	2 47	26 18	2 55	14 37	2 15	4 1	1 29	15 39	2 31	4 8	0 48	11 41	0 35	20 59	0 40	19 10	19 3	26 39	11 59	0 10
M 4	15 29	25 51	4 7	24 0	2 49	26 21	2 57	14 23	2 12	4 2	1 29	15 38	2 31	4 9	0 47	11 41	0 35	21 0	0 40	19 13	19 4	26 38	11 58	0 10
T 5	15 48	26 32	3 26	24 12	2 50	26 23	2 58	14 9	2 9	4 2	1 29	15 37	2 31	4 9	0 47	11 41	0 35	21 0	0 40	19 15	19 4	26 38	11 57	0 10
W 6	16 6	26 0	2 36	24 22	2 51	26 25	3 0	13 55	2 7	4 3	1 29	15 36	2 31	4 10	0 47	11 41	0 35	21 0	0 40	19 17	19 5	26 38	11 56	0 10
T 7	16 23	24 17	1 40	24 30	2 50	26 26	3 1	13 41	2 4	4 4	1 28	15 34	2 31	4 10	0 47	11 41	0 35	21 0	0 40	19 18	19 6	26 38	11 55	0 11
F 8	16 41	21 30	0 39	24 37	2 49	26 26	3 3	13 26	2 1	4 4	1 28	15 33	2 31	4 11	0 47	11 42	0 35	21 0	0 40	19 18	19 7	26 38	11 54	0 11
S 9	16 58	17 45	0n25	24 42	2 47	26 26	3 4	13 12	1 58	4 5	1 28	15 32	2 31	4 11	0 47	11 42	0 35	21 0	0 40	19 18	19 7	26 38	11 53	0 11
S 10	17 15	13 11	1 29	24 45	2 44	26 25	3 5	12 57	1 56	4 5	1 28	15 31	2 31	4 11	0 47	11 42	0 34	21 0	0 40	19 18	19 8	26 38	11 52	0 11
M11	17 31	7 57	2 30	24 46	2 41	26 23	3 6	12 43	1 53	4 6	1 27	15 29	2 31	4 12	0 47	11 42	0 34	21 0	0 40	19 18	19 9	26 38	11 51	0 11
T 12	17 47	2 14	3 26	24 45	2 36	26 21	3 7	12 28	1 50	4 6	1 27	15 28	2 31	4 12	0 47	11 42	0 34	21 0	0 40	19 19	19 10	26 38	11 50	0 11
W13	18 3	3n48	4 12	24 42	2 30	26 18	3 7	12 13	1 48	4 6	1 27	15 27	2 31	4 12	0 47	11 42	0 34	21 1	0 40	19 20	19 10	26 38	11 49	0 11
T 14	18 19	9 51	4 45	24 37	2 22	26 15	3 8	11 58	1 45	4 6	1 27	15 26	2 31	4 13	0 47	11 42	0 34	21 1	0 40	19 22	19 11	26 38	11 48	0 11
F 15	18 34	15 34	5 1	24 29	2 13	26 10	3 9	11 43	1 43	4 6	1 26	15 24	2 31	4 13	0 47	11 41	0 34	21 1	0 39	19 24	19 12	26 37	11 47	0 11
S 16	18 49	20 32	4 58	24 19	2 3	26 5	3 9	11 28	1 40	4 6	1 26	15 23	2 31	4 13	0 47	11 41	0 34	21 1	0 39	19 26	19 13	26 37	11 46	0 11
S 17	19 4	24 14	4 33	24 6	1 52	26 0	3 9	11 13	1 38	4 6	1 26	15 22	2 30	4 13	0 47	11 41	0 34	21 1	0 39	19 29	19 13	26 37	11 45	0 11
M18	19 18	26 13	3 50	23 50	1 38	25 54	3 9	10 58	1 35	4 6	1 26	15 21	2 30	4 13	0 47	11 41	0 34	21 1	0 39	19 31	19 14	26 37	11 44	0 11
T 19	19 32	26 15	2 50	23 30	1 23	25 47	3 9	10 43	1 33	4 6	1 25	15 20	2 30	4 14	0 47	11 41	0 34	21 1	0 39	19 32	19 15	26 37	11 43	0 11
W20	19 46	24 22	1 39	23 8	1 7	25 40	3 9	10 27	1 31	4 5	1 25	15 18	2 30	4 14	0 47	11 41	0 34	21 2	0 39	19 33	19 16	26 37	11 42	0 12
T 21	19 59	20 54	0 24	22 43	0 49	25 32	3 8	10 12	1 28	4 5	1 25	15 17	2 30	4 14	0 47	11 41	0 34	21 2	0 39	19 34	19 16	26 36	11 41	0 12
F 22	20 12	16 17	0s51	22 15	0 30	25 23	3 8	9 56	1 26	4 4	1 25	15 16	2 30	4 14	0 47	11 41	0 34	21 2	0 39	19 34	19 17	26 36	11 40	0 12
S 23	20 24	10 57	2 1	21 44	0 10	25 14	3 7	9 41	1 24	4 3	1 24	15 15	2 30	4 14	0 47	11 41	0 34	21 2	0 39	19 33	19 18	26 36	11 40	0 12
S 24	20 36	5 16	3 3	21 11	0n10	25 4	3 6	9 25	1 21	4 3	1 24	15 14	2 30	4 14	0 47	11 40	0 34	21 2	0 39	19 33	19 19	26 36	11 39	0 12
M25	20 48	0s30	3 53	20 37	0 31	24 54	3 5	9 9	1 19	4 2	1 24	15 13	2 30	4 14	0 47	11 40	0 34	21 2	0 39	19 34	19 19	26 36	11 38	0 12
T 26	21 0	6 7	4 31	20 2	0 51	24 43	3 4	8 53	1 17	4 1	1 24	15 12	2 30	4 14	0 47	11 40	0 34	21 2	0 39	19 35	19 20	26 35	11 37	0 12
W27	21 11	11 23	4 55	19 28	1 10	24 32	3 2	8 37	1 15	4 0	1 23	15 10	2 29	4 14	0 47	11 40	0 34	21 3	0 39	19 36	19 21	26 35	11 36	0 12
T 28	21 21	16 7	5 5	18 55	1 28	24 20	3 1	8 21	1 13	3 59	1 23	15 9	2 29	4 14	0 47	11 40	0 34	21 3	0 39	19 38	19 22	26 35	11 35	0 12
F 29	21 31	20 9	5 0	18 25	1 44	24 8	2 59	8 5	1 10	3 58	1 23	15 8	2 29	4 14	0 47	11 40	0 34	21 3	0 39	19 41	19 22	26 35	11 34	0 12
S 30	21s41	23s18	4s43	17s57	1n59	23s55	2s57	7s49	1s 8	3s57	1s23	15n 7	2s29	4s14	0s46	11s39	0s34	21n 3	0s39	19s43	19s23	26s35	11n34	0s12

Julian Day Number = 2516132.5, Delta T = 142.03 sec
Ecliptic obliquity = 23°25'04, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°12'41, Lahiri = 26°19'41

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2176
geocentric

DECEMBER 2176 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 42 8	9♐24'23	5♐53	27°R59	26♑31	13♓23	23♓17	19°R 8	21♓ 6	0♓59	21°R33	1°R43	3♒19	22♐ 3	0°R48	S 1
M 2	4 46 5	10°25'10	17°45	27♏17	27°30	14° 0	23°20	19♉ 4	21° 6	0°59	21♋32	1♒34	3°16	22°10	0♉45	M 2
T 3	4 50 1	11°25'58	29°33	26°48	28°28	14°37	23°23	18°59	21° 6	1° 0	21°32	1°27	3°13	22°17	0°43	T 3
W 4	4 53 58	12°26'48	11♑21	26°29	29°26	15°15	23°27	18°55	21° 6	1° 1	21°31	1°22	3° 9	22°23	0°41	W 4
T 5	4 57 54	13°27'38	23°11	26°D22	0♒23	15°53	23°30	18°51	21° 6	1° 2	21°30	1°20	3° 6	22°30	0°40	T 5
F 6	5 1 51	14°28'30	5♒ 5	26°26	1°20	16°30	23°34	18°47	21° 7	1° 2	21°29	1°D19	3° 3	22°37	0°38	F 6
S 7	5 5 47	15°29'22	17° 8	26°40	2°16	17° 8	23°38	18°43	21° 7	1° 3	21°28	1°20	3° 0	22°43	0°36	S 7
S 8	5 9 44	16°30'15	29°24	27° 2	3°12	17°46	23°42	18°39	21° 7	1° 4	21°27	1°22	2°57	22°50	0°34	S 8
M 9	5 13 40	17°31'09	11♓58	27°33	4° 7	18°24	23°46	18°35	21° 8	1° 5	21°26	1°R23	2°53	22°57	0°32	M 9
T 10	5 17 37	18°32'04	24°54	28°12	5° 1	19° 2	23°50	18°31	21° 8	1° 6	21°25	1°23	2°50	23° 3	0°31	T 10
W11	5 21 34	19°32'59	8♈16	28°57	5°55	19°41	23°55	18°27	21° 9	1° 7	21°24	1°21	2°47	23°10	0°29	W11
T 12	5 25 30	20°33'55	22° 8	29°48	6°48	20°19	24° 0	18°23	21° 9	1° 8	21°23	1°17	2°44	23°17	0°27	T 12
F 13	5 29 27	21°34'52	6♉28	0♐43	7°40	20°57	24° 5	18°20	21°10	1° 9	21°21	1°12	2°41	23°24	0°26	F 13
S 14	5 33 23	22°35'49	21°15	1°44	8°32	21°36	24°10	18°16	21°11	1°10	21°20	1° 6	2°38	23°30	0°24	S 14
S 15	5 37 20	23°36'47	6♊21	2°48	9°23	22°14	24°15	18°13	21°12	1°11	21°19	1° 1	2°34	23°37	0°23	S 15
M16	5 41 16	24°37'46	21°38	3°56	10°13	22°53	24°21	18° 9	21°12	1°12	21°18	0°55	2°31	23°44	0°21	M16
T 17	5 45 13	25°38'46	6♋55	5° 6	11° 2	23°32	24°26	18° 6	21°13	1°14	21°17	0°52	2°28	23°50	0°20	T 17
W18	5 49 10	26°39'46	22° 2	6°19	11°51	24°10	24°32	18° 3	21°14	1°15	21°16	0°50	2°25	23°57	0°19	W18
T 19	5 53 6	27°40'47	6♌49	7°35	12°38	24°49	24°38	17°59	21°15	1°16	21°15	0°D50	2°22	24° 4	0°18	T 19
F 20	5 57 3	28°41'49	21°12	8°52	13°25	25°28	24°44	17°56	21°16	1°17	21°14	0°51	2°19	24°10	0°16	F 20
S 21	6 0 59	29°42'52	5♍ 8	10°11	14°10	26° 7	24°51	17°53	21°17	1°19	21°13	0°52	2°15	24°17	0°15	S 21
S 22	6 4 56	0♑43'56	18°36	11°32	14°55	26°46	24°57	17°50	21°18	1°20	21°11	0°54	2°12	24°24	0°14	S 22
M23	6 8 52	1°45'00	1♎40	12°54	15°39	27°25	25° 4	17°48	21°19	1°21	21°10	0°R54	2° 9	24°30	0°13	M23
T 24	6 12 49	2°46'06	14°22	14°17	16°21	28° 4	25°11	17°45	21°21	1°23	21° 9	0°54	2° 6	24°37	0°12	T 24
W25	6 16 45	3°47'12	26°47	15°41	17° 3	28°43	25°18	17°42	21°22	1°24	21° 8	0°52	2° 3	24°44	0°11	W25
T 26	6 20 42	4°48'18	8♏58	17° 6	17°43	29°23	25°25	17°40	21°23	1°25	21° 7	0°49	1°59	24°50	0°10	T 26
F 27	6 24 39	5°49'26	20°59	18°31	18°22	0♈ 2	25°33	17°37	21°25	1°27	21° 5	0°45	1°56	24°57	0° 9	F 27
S 28	6 28 35	6°50'34	2♐53	19°58	19° 0	0°41	25°40	17°35	21°26	1°28	21° 4	0°40	1°53	25° 4	0° 9	S 28
S 29	6 32 32	7°51'43	14°44	21°25	19°36	1°21	25°48	17°33	21°27	1°30	21° 3	0°36	1°50	25°10	0° 8	S 29
M30	6 36 28	8°52'52	26°32	22°53	20°11	2° 0	25°56	17°31	21°29	1°31	21° 2	0°32	1°47	25°17	0° 7	M30
T 31	6 40 25	9♑54'01	8♑22	24♐21	20♒45	2♈40	26♓ 4	17♉29	21♓30	1♓33	21♋ 0	0♒30	1♒44	25♐24	0♉ 7	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	21s50	25s25	4s13	17s34	2n11	23s42	2s55	7s33	1s 6	3s55	1s22	15n 6	2s29	4s14	0s46	11s39	0s34	21n 3	0s39	19s46	19s24	26s34	11n33	0s12	S 1
M 2	21 59	26 23	3 32	17 15	2 21	23 28	2 53	7 17	1 4	3 54	1 22	15 5	2 29	4 14	0 46	11 39	0 34	21 4	0 39	19 48	19 25	26 34	11 32	0 12	M 2
T 3	22 8	26 8	2 43	17 1	2 28	23 14	2 50	7 0	1 2	3 53	1 22	15 4	2 28	4 14	0 46	11 39	0 34	21 4	0 39	19 49	19 25	26 34	11 31	0 13	T 3
W 4	22 16	24 41	1 46	16 51	2 34	22 59	2 48	6 44	1 0	3 51	1 22	15 3	2 28	4 14	0 46	11 38	0 34	21 4	0 39	19 50	19 26	26 34	11 30	0 13	W 4
T 5	22 24	22 9	0 44	16 46	2 38	22 44	2 45	6 28	0 58	3 49	1 21	15 2	2 28	4 14	0 46	11 38	0 34	21 4	0 38	19 51	19 27	26 33	11 30	0 13	T 5
F 6	22 31	18 39	0n20	16 45	2 40	22 28	2 42	6 11	0 56	3 48	1 21	15 1	2 28	4 14	0 46	11 38	0 34	21 4	0 38	19 51	19 28	26 33	11 29	0 13	F 6
S 7	22 38	14 20	1 25	16 48	2 40	22 12	2 38	5 55	0 54	3 46	1 21	15 0	2 28	4 14	0 46	11 37	0 34	21 5	0 38	19 51	19 28	26 33	11 28	0 13	S 7
S 8	22 44	9 23	2 26	16 54	2 39	21 56	2 35	5 38	0 52	3 44	1 21	14 59	2 28	4 13	0 46	11 37	0 34	21 5	0 38	19 50	19 29	26 32	11 28	0 13	S 8
M 9	22 50	3 57	3 22	17 3	2 37	21 39	2 31	5 21	0 50	3 42	1 20	14 59	2 27	4 13	0 46	11 37	0 34	21 5	0 38	19 50	19 30	26 32	11 27	0 13	M 9
T 10	22 55	1n48	4 10	17 14	2 34	21 22	2 27	5 5	0 49	3 40	1 20	14 58	2 27	4 13	0 46	11 36	0 34	21 5	0 38	19 50	19 30	26 32	11 26	0 13	T 10
W11	23 0	7 39	4 46	17 28	2 30	21 5	2 23	4 48	0 47	3 38	1 20	14 57	2 27	4 13	0 46	11 36	0 34	21 5	0 38	19 50	19 31	26 31	11 26	0 13	W11
T 12	23 5	13 21	5 7	17 43	2 25	20 47	2 18	4 31	0 45	3 36	1 20	14 56	2 27	4 12	0 46	11 36	0 34	21 6	0 38	19 51	19 32	26 31	11 25	0 13	T 12
F 13	23 9	18 31	5 9	18 0	2 20	20 29	2 14	4 15	0 43	3 34	1 19	14 55	2 27	4 12	0 46	11 35	0 34	21 6	0 38	19 52	19 33	26 31	11 24	0 13	F 13
S 14	23 13	22 44	4 52	18 18	2 14	20 11	2 9	3 58	0 41	3 32	1 19	14 54	2 26	4 12	0 46	11 35	0 34	21 6	0 38	19 54	19 33	26 30	11 24	0 13	S 14
S 15	23 16	25 31	4 14	18 37	2 7	19 53	2 4	3 41	0 40	3 29	1 19	14 54	2 26	4 11	0 46	11 34	0 34	21 6	0 38	19 55	19 34	26 30	11 23	0 13	S 15
M16	23 19	26 26	3 17	18 56	2 1	19 34	1 58	3 24	0 38	3 27	1 19	14 53	2 26	4 11	0 46	11 34	0 34	21 7	0 38	19 56	19 35	26 30	11 23	0 13	M16
T 17	23 21	25 21	2 7	19 16	1 53	19 15	1 53	3 7	0 36	3 24	1 18	14 52	2 26	4 11	0 46	11 34	0 34	21 7	0 38	19 57	19 35	26 29	11 22	0 14	T 17
W18	23 23	22 24	0 48	19 36	1 46	18 56	1 47	2 50	0 34	3 22	1 18	14 52	2 26	4 10	0 46	11 33	0 34	21 7	0 38	19 57	19 36	26 29	11 22	0 14	W18
T 19	23 24	18 1	0s33	19 56	1 39	18 36	1 40	2 33	0 33	3 19	1 18	14 51	2 25	4 10	0 46	11 33	0 34	21 7	0 38	19 57	19 37	26 29	11 21	0 14	T 19
F 20	23 25	12 42	1 49	20 16	1 31	18 17	1 34	2 17	0 31	3 17	1 18	14 50	2 25	4 9	0 46	11 32	0 34	21 7	0 38	19 57	19 38	26 28	11 21	0 14	F 20
S 21	23 25	6 53	2 57	20 35	1 23	17 57	1 27	2 0	0 30	3 14	1 17	14 50	2 25	4 9	0 46	11 32	0 34	21 8	0 38	19 57	19 38	26 28	11 20	0 14	S 21
S 22	23 25	0 56	3 52	20 54	1 15	17 38	1 20	1 43	0 28	3 11	1 17	14 49	2 25	4 9	0 46	11 31	0 34	21 8	0 38	19 56	19 39	26 27	11 20	0 14	S 22
M23	23 24	4s51	4 34	21 13	1 7	17 18	1 13	1 26	0 26	3 8	1 17	14 49	2 24	4 8	0 46	11 31	0 34	21 8	0 37	19 56	19 40	26 27	11 19	0 14	M23
T 24	23 23	10 17	5 1	21 31	0 59	16 58	1 6	1 9	0 25	3 5	1 17	14 48	2 24	4 8	0 46	11 30	0 34	21 8	0 37	19 56	19 40	26 27	11 19	0 14	T 24
W25	23 22	15 10	5 13	21 48	0 51	16 38	0 58	0 52	0 23	3 2	1 17	14 48	2 24	4 7	0 45	11 30	0 34	21 9	0 37	19 57	19 41	26 26	11 18	0 14	W25
T 26	23 20	19 22	5 11	22 4	0 44	16 18	0 50	0 35	0 22	2 59	1 16	14 47	2 24	4 6	0 45	11 29	0 34	21 9	0 37	19 57	19 42	26 26	11 18	0 14	T 26
F 27	23 17	22 43	4 55	22 20	0 36	15 58	0 41	0 18	0 20	2 56	1 16	14 47	2 23	4 6	0 45	11 29	0 34	21 9	0 37	19 58	19 43	26 25	11 18	0 14	F 27
S 28	23 14	25 4	4 26	22 34	0 28	15 38	0 32	0 1	0 19	2 53	1 16	14 46	2 23	4 5	0 45	11 28	0 34	21 9	0 37	19 59	19 43	26 25	11 17	0 14	S 28
S 29	23 11	26 17	3 46	22 48	0 20	15 18	0 23	0n16	0 17	2 50	1 16	14 46	2 23	4 5	0 45	11 28	0 34	21 10	0 37	20 0	19 44	26 24	11 17	0 14	S 29
M30	23 7	26 19	2 56	23 1	0 13	14 58	0 14	0 33	0 16	2 46	1 15	14 46	2 23	4 4	0 45	11 27	0 34	21 10	0 37	20 1	19 45	26 24	11 17	0 14	M30
T 31	23s 3	25s 8	1s59	23s13	0n 5	14s38	0s 4	0n50	0s14	2s43	1s15	14n45	2s22	4s 3	0s45	11s27	0s34	21n10	0s37	20s 2	19s45	26s23	11n17	0s14	T 31

Julian Day Number = 2516162.5, Delta T = 142.10 sec
Ecliptic obliquity = 23°25'03, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°12'45, Lahiri = 26°19'46

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2177
geocentric

JANUARY 2177 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 44 21	10♑55'11	20♑14	25♐50	21♒17	3♈19	26♓12	17°R27	21♓32	1♓35	20°R59	0°R28	1♒40	25♐30	0°R 6	W 1
T 2	6 48 18	11°56'20	2♒10	27°19	21°48	3°59	26°20	17♉25	21°34	1°36	20♋58	0°D28	1°37	25°37	0♉ 6	T 2
F 3	6 52 14	12°57'30	14°13	28°49	22°17	4°38	26°29	17°23	21°35	1°38	20°57	0♒28	1°34	25°44	0° 5	F 3
S 4	6 56 11	13°58'40	26°24	0♑19	22°44	5°18	26°37	17°22	21°37	1°39	20°55	0°30	1°31	25°50	0° 5	S 4
S 5	7 0 8	14°59'49	8♓48	1°50	23°10	5°58	26°46	17°20	21°39	1°41	20°54	0°31	1°28	25°57	0° 5	S 5
M 6	7 4 4	16° 0'59	21°26	3°21	23°34	6°37	26°55	17°19	21°41	1°43	20°53	0°32	1°25	26° 4	0° 5	M 6
T 7	7 8 1	17° 2'08	4♈22	4°52	23°56	7°17	27° 4	17°17	21°43	1°45	20°52	0°33	1°21	26°10	0° 4	T 7
W 8	7 11 57	18° 3'16	17°39	6°24	24°16	7°57	27°13	17°16	21°44	1°46	20°50	0°R34	1°18	26°17	0° 4	W 8
T 9	7 15 54	19° 4'25	1♉19	7°56	24°34	8°37	27°22	17°15	21°46	1°48	20°49	0°33	1°15	26°24	0°D 4	T 9
F 10	7 19 50	20° 5'33	15°23	9°29	24°50	9°17	27°31	17°14	21°48	1°50	20°48	0°33	1°12	26°30	0° 4	F 10
S 11	7 23 47	21° 6'41	29°51	11° 2	25° 4	9°56	27°41	17°13	21°50	1°52	20°46	0°32	1° 9	26°37	0° 4	S 11
S 12	7 27 43	22° 7'48	14♊38	12°35	25°15	10°36	27°51	17°13	21°52	1°54	20°45	0°30	1° 5	26°44	0° 4	S 12
M13	7 31 40	23° 8'55	29°40	14° 9	25°24	11°16	28° 0	17°12	21°55	1°55	20°44	0°30	1° 2	26°50	0° 5	M13
T 14	7 35 37	24°10'01	14♋47	15°43	25°31	11°56	28°10	17°12	21°57	1°57	20°43	0°29	0°59	26°57	0° 5	T 14
W15	7 39 33	25°11'07	29°50	17°18	25°36	12°36	28°20	17°11	21°59	1°59	20°41	0°D29	0°56	27° 4	0° 5	W15
T 16	7 43 30	26°12'13	14♌41	18°53	25°R38	13°16	28°31	17°11	22° 1	2° 1	20°40	0°29	0°53	27°10	0° 6	T 16
F 17	7 47 26	27°13'18	29°13	20°29	25°38	13°56	28°41	17°11	22° 3	2° 3	20°39	0°29	0°50	27°17	0° 6	F 17
S 18	7 51 23	28°14'23	13♍20	22° 5	25°35	14°36	28°51	17°D11	22° 6	2° 5	20°38	0°30	0°46	27°24	0° 6	S 18
S 19	7 55 19	29°15'28	27° 0	23°41	25°30	15°16	29° 2	17°11	22° 8	2° 7	20°36	0°30	0°43	27°30	0° 7	S 19
M20	7 59 16	0♒16'32	10♎13	25°18	25°22	15°56	29°12	17°11	22°10	2° 9	20°35	0°R30	0°40	27°37	0° 8	M20
T 21	8 3 13	1°17'37	23° 2	26°56	25°12	16°36	29°23	17°11	22°13	2°11	20°34	0°30	0°37	27°44	0° 8	T 21
W22	8 7 9	2°18'41	5♏29	28°34	24°59	17°16	29°34	17°12	22°15	2°13	20°33	0°D30	0°34	27°50	0° 9	W22
T 23	8 11 6	3°19'45	17°40	0♒13	24°44	17°56	29°45	17°12	22°18	2°15	20°31	0°30	0°31	27°57	0°10	T 23
F 24	8 15 2	4°20'48	29°39	1°52	24°27	18°36	29°56	17°13	22°20	2°17	20°30	0°30	0°27	28° 4	0°11	F 24
S 25	8 18 59	5°21'51	11♐31	3°32	24° 7	19°16	0♈ 7	17°14	22°23	2°19	20°29	0°31	0°24	28°10	0°11	S 25
S 26	8 22 55	6°22'54	23°19	5°13	23°44	19°57	0°18	17°15	22°26	2°21	20°28	0°31	0°21	28°17	0°12	S 26
M27	8 26 52	7°23'56	5♑ 7	6°54	23°20	20°37	0°30	17°15	22°28	2°23	20°26	0°32	0°18	28°24	0°13	M27
T 28	8 30 48	8°24'57	16°59	8°36	22°53	21°17	0°41	17°17	22°31	2°26	20°25	0°33	0°15	28°30	0°14	T 28
W29	8 34 45	9°25'58	28°58	10°18	22°25	21°57	0°53	17°18	22°34	2°28	20°24	0°R33	0°11	28°37	0°16	W29
T 30	8 38 42	10°26'58	11♒ 4	12° 1	21°54	22°37	1° 4	17°19	22°36	2°30	20°23	0°33	0° 8	28°44	0°17	T 30
F 31	8 42 38	11♒27'57	23♒21	13♒45	21♒22	23♈17	1♈16	17♉20	22♓39	2♓32	20♋22	0♒32	0♒ 5	28♐50	0♉18	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22s58	22s49	0s56	23s23	0s 2	14s18	0n 5	1n 7	0s13	2s39	1s15	14n45	2s22	4s 3	0s45	11s26	0s34	21n10	0s37	20s 2	19s46	26s23	11n16	0s15
T 2	22 53	19 30	0n 9	23 33	0 10	13 59	0 16	1 24	0 11	2 36	1 15	14 45	2 22	4 2	0 45	11 26	0 34	21 11	0 37	20 2	19 47	26 22	11 16	0 15
F 3	22 47	15 21	1 15	23 41	0 17	13 39	0 26	1 41	0 10	2 32	1 15	14 45	2 21	4 1	0 45	11 25	0 34	21 11	0 37	20 2	19 48	26 22	11 16	0 15
S 4	22 41	10 32	2 19	23 49	0 24	13 20	0 37	1 58	0 9	2 29	1 14	14 44	2 21	4 1	0 45	11 24	0 34	21 11	0 37	20 2	19 48	26 21	11 16	0 15
S 5	22 34	5 13	3 17	23 55	0 31	13 1	0 48	2 15	0 7	2 25	1 14	14 44	2 21	4 0	0 45	11 24	0 34	21 11	0 37	20 1	19 49	26 21	11 16	0 15
M 6	22 27	0n23	4 6	24 0	0 37	12 43	1 0	2 32	0 6	2 21	1 14	14 44	2 21	3 59	0 45	11 23	0 34	21 12	0 37	20 1	19 50	26 20	11 15	0 15
T 7	22 20	6 5	4 45	24 3	0 44	12 24	1 12	2 49	0 5	2 18	1 14	14 44	2 20	3 58	0 45	11 23	0 34	21 12	0 37	20 1	19 50	26 20	11 15	0 15
W 8	22 12	11 41	5 9	24 6	0 50	12 6	1 24	3 6	0 3	2 14	1 13	14 44	2 20	3 58	0 45	11 22	0 34	21 12	0 37	20 1	19 51	26 19	11 15	0 15
T 9	22 4	16 52	5 17	24 7	0 56	11 48	1 37	3 23	0 2	2 10	1 13	14 44	2 20	3 57	0 45	11 21	0 34	21 12	0 36	20 1	19 52	26 19	11 15	0 15
F 10	21 55	21 19	5 7	24 7	1 2	11 31	1 49	3 39	0 1	2 6	1 13	14 44	2 19	3 56	0 45	11 21	0 34	21 13	0 36	20 1	19 52	26 18	11 15	0 15
S 11	21 46	24 36	4 37	24 5	1 8	11 14	2 2	3 56	0n 0	2 2	1 13	14 44	2 19	3 55	0 45	11 20	0 34	21 13	0 36	20 1	19 53	26 18	11 15	0 15
S 12	21 36	26 19	3 48	24 2	1 13	10 58	2 16	4 13	0 1	1 58	1 13	14 44	2 19	3 54	0 45	11 19	0 34	21 13	0 36	20 1	19 54	26 17	11 15	0 15
M13	21 26	26 8	2 43	23 58	1 19	10 42	2 29	4 30	0 3	1 54	1 13	14 44	2 19	3 54	0 45	11 19	0 34	21 13	0 36	20 2	19 55	26 17	11 15	0 15
T 14	21 16	24 2	1 26	23 53	1 24	10 26	2 43	4 46	0 4	1 50	1 12	14 44	2 18	3 53	0 45	11 18	0 34	21 14	0 36	20 2	19 55	26 16	11 15	0 15
W15	21 5	20 13	0 4	23 46	1 29	10 11	2 57	5 3	0 5	1 46	1 12	14 45	2 18	3 52	0 45	11 17	0 34	21 14	0 36	20 2	19 56	26 15	11 15	0 15
T 16	20 53	15 10	1s18	23 38	1 33	9 57	3 12	5 20	0 6	1 42	1 12	14 45	2 18	3 51	0 45	11 17	0 34	21 14	0 36	20 2	19 57	26 15	11 15	0 15
F 17	20 42	9 21	2 33	23 28	1 38	9 44	3 26	5 36	0 7	1 37	1 12	14 45	2 17	3 50	0 45	11 16	0 34	21 14	0 36	20 2	19 57	26 14	11 15	0 16
S 18	20 30	3 13	3 36	23 17	1 42	9 31	3 41	5 53	0 8	1 33	1 12	14 45	2 17	3 49	0 45	11 15	0 34	21 15	0 36	20 2	19 58	26 14	11 15	0 16
S 19	20 17	2s52	4 25	23 4	1 45	9 18	3 56	6 9	0 10	1 29	1 11	14 46	2 17	3 48	0 45	11 14	0 34	21 15	0 36	20 2	19 59	26 13	11 15	0 16
M20	20 4	8 37	4 58	22 50	1 49	9 7	4 11	6 26	0 11	1 24	1 11	14 46	2 17	3 47	0 45	11 14	0 34	21 15	0 36	20 2	19 59	26 12	11 16	0 16
T 21	19 51	13 49	5 15	22 35	1 52	8 56	4 25	6 42	0 12	1 20	1 11	14 46	2 16	3 46	0 45	11 13	0 34	21 15	0 36	20 2	20 0	26 12	11 16	0 16
W22	19 38	18 19	5 17	22 18	1 55	8 46	4 40	6 58	0 13	1 15	1 11	14 47	2 16	3 45	0 44	11 12	0 34	21 16	0 36	20 2	20 1	26 11	11 16	0 16
T 23	19 24	21 56	5 4	22 0	1 57	8 37	4 55	7 15	0 14	1 11	1 11	14 47	2 16	3 44	0 44	11 12	0 34	21 16	0 36	20 2	20 1	26 11	11 16	0 16
F 24	19 9	24 35	4 38	21 40	2 0	8 29	5 10	7 31	0 15	1 6	1 11	14 48	2 15	3 43	0 44	11 11	0 34	21 16	0 35	20 1	20 2	26 10	11 16	0 16
S 25	18 55	26 6	4 0	21 19	2 2	8 22	5 25	7 47	0 16	1 2	1 10	14 48	2 15	3 42	0 44	11 10	0 34	21 16	0 35	20 1	20 3	26 9	11 17	0 16
S 26	18 40	26 27	3 12	20 56	2 3	8 15	5 39	8 3	0 17	0 57	1 10	14 49	2 15	3 41	0 44	11 9	0 34	21 17	0 35	20 1	20 3	26 9	11 17	0 16
M27	18 24	25 36	2 17	20 32	2 4	8 10	5 53	8 19	0 18	0 52	1 10	14 49	2 14	3 40	0 44	11 9	0 34	21 17	0 35	20 1	20 4	26 8	11 17	0 16
T 28	18 9	23 34	1 15	20 6	2 5	8 5	6 7	8 35	0 19	0 48	1 10	14 50	2 14	3 39	0 44	11 8	0 34	21 17	0 35	20 1	20 5	26 7	11 18	0 16
W29	17 53	20 30	0 9	19 39	2 5	8 1	6 21	8 51	0 20	0 43	1 10	14 50	2 14	3 38	0 44	11 7	0 34	21 17	0 35	20 1	20 5	26 7	11 18	0 16
T 30	17 36	16 30	0n58	19 11	2 5	7 59	6 34	9 7	0 21	0 38	1 10	14 51	2 14	3 37	0 44	11 6	0 34	21 18	0 35	20 1	20 6	26 6	11 18	0 16
F 31	17s20	11s47	2n 3	18s40	2s 5	7s57	6n46	9n23	0n22	0s33	1s 9	14n52	2s13	3s35	0s44	11s 6	0s34	21n18	0s35	20s 1	20s 7	26s 5	11n19	0s16

Julian Day Number = 2516193.5, Delta T = 142.17 sec
Ecliptic obliquity = 23°25'03, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°12'49, Lahiri = 26°19'50

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2177
geocentric

FEBRUARY 2177 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 46 35	12♒28'54	5♓49	15♒29	20°R49	23♈57	1♈28	17♉22	22♓42	2♓34	20°R20	0°R31	0♒ 2	28♐57	0♉19	S 1
S 2	8 50 31	13°29'51	18°29	17°14	20♒14	24°38	1°40	17°24	22°45	2°36	20♋19	0♒29	29♑59	29° 4	0°21	S 2
M 3	8 54 28	14°30'47	1♈23	18°59	19°39	25°18	1°52	17°25	22°47	2°38	20°18	0°27	29°56	29°10	0°22	M 3
T 4	8 58 24	15°31'41	14°30	20°45	19° 2	25°58	2° 4	17°27	22°50	2°41	20°17	0°25	29°52	29°17	0°23	T 4
W 5	9 2 21	16°32'35	27°53	22°31	18°25	26°38	2°16	17°29	22°53	2°43	20°16	0°23	29°49	29°24	0°25	W 5
T 6	9 6 17	17°33'26	11♉31	24°18	17°48	27°18	2°29	17°31	22°56	2°45	20°15	0°D22	29°46	29°30	0°26	T 6
F 7	9 10 14	18°34'17	25°26	26° 5	17°11	27°58	2°41	17°33	22°59	2°47	20°14	0°22	29°43	29°37	0°28	F 7
S 8	9 14 11	19°35'06	9♊36	27°52	16°34	28°39	2°53	17°36	23° 2	2°50	20°13	0°23	29°40	29°44	0°30	S 8
S 9	9 18 7	20°35'54	24° 0	29°40	15°58	29°19	3° 6	17°38	23° 5	2°52	20°11	0°25	29°37	29°50	0°31	S 9
M10	9 22 4	21°36'40	8♋35	1♓27	15°22	29°59	3°19	17°41	23° 8	2°54	20°10	0°26	29°33	29°57	0°33	M10
T 11	9 26 0	22°37'25	23°17	3°15	14°47	0♉39	3°31	17°43	23°11	2°56	20° 9	0°R27	29°30	0♑ 4	0°35	T 11
W12	9 29 57	23°38'08	8♌ 0	5° 2	14°14	1°19	3°44	17°46	23°14	2°59	20° 8	0°27	29°27	0°10	0°37	W12
T 13	9 33 53	24°38'50	22°36	6°48	13°42	1°59	3°57	17°49	23°17	3° 1	20° 7	0°26	29°24	0°17	0°39	T 13
F 14	9 37 50	25°39'30	7♍ 0	8°33	13°11	2°40	4°10	17°52	23°21	3° 3	20° 6	0°23	29°21	0°24	0°41	F 14
S 15	9 41 46	26°40'09	21° 5	10°18	12°43	3°20	4°23	17°55	23°24	3° 5	20° 5	0°19	29°17	0°30	0°43	S 15
S 16	9 45 43	27°40'47	4♎48	12° 0	12°16	4° 0	4°36	17°58	23°27	3° 8	20° 4	0°15	29°14	0°37	0°45	S 16
M17	9 49 40	28°41'24	18° 7	13°41	11°52	4°40	4°49	18° 1	23°30	3°10	20° 3	0°11	29°11	0°44	0°47	M17
T 18	9 53 36	29°42'00	1♏ 1	15°19	11°29	5°20	5° 2	18° 4	23°33	3°12	20° 2	0° 7	29° 8	0°50	0°49	T 18
W19	9 57 33	0♓42'34	13°34	16°54	11° 9	6° 0	5°15	18° 8	23°36	3°14	20° 1	0° 4	29° 5	0°57	0°51	W19
T 20	10 1 29	1°43'07	25°49	18°26	10°52	6°40	5°28	18°11	23°40	3°17	20° 1	0° 3	29° 2	1° 4	0°53	T 20
F 21	10 5 26	2°43'39	7♐49	19°54	10°37	7°20	5°42	18°15	23°43	3°19	20° 0	0°D 3	28°58	1°10	0°56	F 21
S 22	10 9 22	3°44'10	19°41	21°17	10°24	8° 0	5°55	18°19	23°46	3°21	19°59	0° 4	28°55	1°17	0°58	S 22
S 23	10 13 19	4°44'39	1♑29	22°34	10°14	8°40	6° 8	18°22	23°49	3°24	19°58	0° 5	28°52	1°24	1° 0	S 23
M24	10 17 15	5°45'07	13°19	23°45	10° 6	9°20	6°22	18°26	23°53	3°26	19°57	0° 7	28°49	1°30	1° 3	M24
T 25	10 21 12	6°45'34	25°14	24°50	10° 1	10° 0	6°36	18°30	23°56	3°28	19°56	0°R 8	28°46	1°37	1° 5	T 25
W26	10 25 9	7°45'59	7♒18	25°47	9°58	10°41	6°49	18°34	23°59	3°30	19°55	0° 8	28°43	1°44	1° 8	W26
T 27	10 29 5	8°46'23	19°36	26°37	9°D58	11°21	7° 3	18°38	24° 3	3°33	19°55	0° 6	28°39	1°50	1°10	T 27
F 28	10 33 2	9♓46'45	2♓ 7	27♓17	10♒ 0	12♉ 1	7♈16	18♉43	24♓ 6	3♓35	19♋54	0♒ 2	28♑36	1♑57	1♉13	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s 3	6s32	3n 3	18s 9	2s 4	7s56	6n58	9n38	0n23	0s29	1s 9	14n52	2s13	3s34	0s44	11s 5	0s34	21n18	0s35	20s 1	20s 8	26s 4	11n19	0s16
S 2	16 45	0 56	3 55	17 36	2 2	7 56	7 9	9 54	0 24	0 24	1 9	14 53	2 13	3 33	0 44	11 4	0 34	21 18	0 35	20 2	20 8	26 4	11 19	0 17
M 3	16 28	4n47	4 37	17 1	2 0	7 57	7 19	10 10	0 25	0 19	1 9	14 54	2 12	3 32	0 44	11 3	0 34	21 19	0 35	20 2	20 9	26 3	11 20	0 17
T 4	16 10	10 23	5 4	16 25	1 58	7 59	7 29	10 25	0 25	0 14	1 9	14 55	2 12	3 31	0 44	11 2	0 34	21 19	0 35	20 3	20 10	26 2	11 20	0 17
W 5	15 52	15 37	5 16	15 48	1 55	8 1	7 38	10 40	0 26	0 9	1 9	14 56	2 12	3 30	0 44	11 2	0 34	21 19	0 35	20 3	20 10	26 2	11 21	0 17
T 6	15 33	20 11	5 10	15 9	1 51	8 5	7 46	10 56	0 27	0 4	1 9	14 56	2 12	3 29	0 44	11 1	0 34	21 19	0 35	20 3	20 11	26 1	11 21	0 17
F 7	15 15	23 44	4 47	14 29	1 47	8 9	7 53	11 11	0 28	0n 1	1 8	14 57	2 11	3 27	0 44	11 0	0 34	21 20	0 35	20 3	20 12	26 0	11 22	0 17
S 8	14 56	25 55	4 5	13 48	1 42	8 13	7 59	11 26	0 29	0 6	1 8	14 58	2 11	3 26	0 44	10 59	0 34	21 20	0 34	20 3	20 12	25 59	11 22	0 17
S 9	14 37	26 25	3 8	13 6	1 37	8 19	8 5	11 41	0 30	0 11	1 8	14 59	2 11	3 25	0 44	10 58	0 34	21 20	0 34	20 3	20 13	25 59	11 23	0 17
M10	14 17	25 6	1 58	12 22	1 31	8 25	8 9	11 56	0 31	0 16	1 8	15 0	2 10	3 24	0 44	10 58	0 34	21 20	0 34	20 2	20 14	25 58	11 23	0 17
T 11	13 58	22 4	0 39	11 37	1 24	8 31	8 12	12 11	0 31	0 22	1 8	15 1	2 10	3 23	0 44	10 57	0 34	21 21	0 34	20 2	20 14	25 57	11 24	0 17
W12	13 38	17 35	0s41	10 51	1 17	8 39	8 15	12 26	0 32	0 27	1 8	15 2	2 10	3 21	0 44	10 56	0 34	21 21	0 34	20 2	20 15	25 56	11 25	0 17
T 13	13 18	12 5	1 59	10 4	1 9	8 46	8 16	12 40	0 33	0 32	1 8	15 3	2 10	3 20	0 44	10 55	0 34	21 21	0 34	20 2	20 16	25 56	11 25	0 17
F 14	12 57	6 2	3 8	9 17	1 0	8 54	8 17	12 55	0 34	0 37	1 8	15 4	2 9	3 19	0 44	10 54	0 34	21 21	0 34	20 3	20 16	25 55	11 26	0 17
S 15	12 37	0s12	4 3	8 29	0 51	9 2	8 16	13 9	0 34	0 42	1 7	15 5	2 9	3 18	0 44	10 54	0 34	21 21	0 34	20 4	20 17	25 54	11 26	0 17
S 16	12 16	6 14	4 43	7 41	0 41	9 10	8 15	13 24	0 35	0 48	1 7	15 6	2 9	3 16	0 44	10 53	0 34	21 22	0 34	20 5	20 17	25 53	11 27	0 17
M17	11 55	11 49	5 7	6 52	0 30	9 18	8 13	13 38	0 36	0 53	1 7	15 8	2 8	3 15	0 44	10 52	0 34	21 22	0 34	20 6	20 18	25 52	11 28	0 17
T 18	11 34	16 43	5 13	6 4	0 18	9 27	8 11	13 52	0 37	0 58	1 7	15 9	2 8	3 14	0 44	10 51	0 34	21 22	0 34	20 6	20 19	25 52	11 28	0 18
W19	11 13	20 44	5 5	5 15	0 6	9 35	8 7	14 6	0 37	1 3	1 7	15 10	2 8	3 12	0 44	10 50	0 34	21 22	0 34	20 7	20 19	25 51	11 29	0 18
T 20	10 51	23 46	4 43	4 28	0n 7	9 44	8 3	14 20	0 38	1 9	1 7	15 11	2 8	3 11	0 44	10 50	0 34	21 22	0 34	20 7	20 20	25 50	11 30	0 18
F 21	10 30	25 40	4 8	3 41	0 20	9 52	7 59	14 34	0 39	1 14	1 7	15 12	2 7	3 10	0 44	10 49	0 34	21 23	0 34	20 7	20 21	25 49	11 31	0 18
S 22	10 8	26 24	3 23	2 56	0 34	10 0	7 54	14 47	0 40	1 20	1 7	15 14	2 7	3 9	0 44	10 48	0 34	21 23	0 33	20 7	20 21	25 48	11 31	0 18
S 23	9 46	25 55	2 30	2 12	0 48	10 9	7 48	15 1	0 40	1 25	1 7	15 15	2 7	3 7	0 44	10 47	0 34	21 23	0 33	20 7	20 22	25 47	11 32	0 18
M24	9 24	24 15	1 31	1 31	1 3	10 17	7 42	15 14	0 41	1 30	1 7	15 16	2 7	3 6	0 44	10 46	0 34	21 23	0 33	20 6	20 23	25 46	11 33	0 18
T 25	9 1	21 31	0 27	0 51	1 18	10 24	7 35	15 28	0 42	1 36	1 6	15 18	2 6	3 5	0 44	10 45	0 34	21 23	0 33	20 6	20 23	25 46	11 34	0 18
W26	8 39	17 48	0n39	0 15	1 33	10 32	7 28	15 41	0 42	1 41	1 6	15 19	2 6	3 3	0 44	10 45	0 34	21 24	0 33	20 6	20 24	25 45	11 35	0 18
T 27	8 16	13 17	1 44	0n18	1 48	10 39	7 20	15 54	0 43	1 47	1 6	15 20	2 6	3 2	0 44	10 44	0 34	21 24	0 33	20 7	20 25	25 44	11 35	0 18
F 28	7s54	8s 8	2n45	0n48	2n 3	10s46	7n13	16n 7	0n43	1n52	1s 6	15n22	2s 6	3s 1	0s44	10s43	0s34	21n24	0s33	20s 7	20s25	25s43	11n36	0s18

Julian Day Number = 2516224.5, Delta T = 142.24 sec
Ecliptic obliquity = 23°25'03, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°12'54, Lahiri = 26°19'54

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2177
geocentric

MARCH 2177 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 36 58	10♓47'06	14♓55	27♓49	10♒ 4	12♉41	7♈30	18♉47	24♓ 9	3♓37	19°R53	29°R57	28♑33	2♑ 4	1♉16	S 1
S 2	10 40 55	11°47'24	27°58	28°11	10°11	13°21	7°44	18°51	24°13	3°39	19♋52	29♑50	28°30	2°10	1°18	S 2
M 3	10 44 51	12°47'41	11♈15	28°24	10°20	14° 1	7°58	18°56	24°16	3°42	19°52	29°42	28°27	2°17	1°21	M 3
T 4	10 48 48	13°47'56	24°45	28°R28	10°31	14°41	8°12	19° 1	24°20	3°44	19°51	29°35	28°23	2°24	1°24	T 4
W 5	10 52 44	14°48'09	8♉26	28°21	10°44	15°20	8°26	19° 5	24°23	3°46	19°50	29°28	28°20	2°30	1°27	W 5
T 6	10 56 41	15°48'20	22°16	28° 6	11° 0	16° 0	8°40	19°10	24°26	3°48	19°50	29°24	28°17	2°37	1°29	T 6
F 7	11 0 37	16°48'30	6♊14	27°42	11°17	16°40	8°54	19°15	24°30	3°51	19°49	29°21	28°14	2°44	1°32	F 7
S 8	11 4 34	17°48'37	20°18	27° 9	11°36	17°20	9° 8	19°20	24°33	3°53	19°48	29°D21	28°11	2°50	1°35	S 8
S 9	11 8 31	18°48'42	4♋27	26°29	11°57	18° 0	9°22	19°25	24°37	3°55	19°48	29°22	28° 8	2°57	1°38	S 9
M10	11 12 27	19°48'44	18°40	25°43	12°20	18°40	9°36	19°30	24°40	3°57	19°47	29°23	28° 4	3° 4	1°41	M10
T 11	11 16 24	20°48'45	2♌55	24°51	12°45	19°20	9°50	19°35	24°43	4° 0	19°47	29°R23	28° 1	3°10	1°44	T 11
W12	11 20 20	21°48'43	17°10	23°56	13°12	20° 0	10° 4	19°40	24°47	4° 2	19°46	29°22	27°58	3°17	1°47	W12
T 13	11 24 17	22°48'40	1♍20	22°58	13°40	20°40	10°18	19°46	24°50	4° 4	19°46	29°18	27°55	3°24	1°50	T 13
F 14	11 28 13	23°48'34	15°21	21°59	14° 9	21°19	10°32	19°51	24°54	4° 6	19°45	29°12	27°52	3°30	1°53	F 14
S 15	11 32 10	24°48'26	29°10	21° 0	14°40	21°59	10°47	19°56	24°57	4° 8	19°45	29° 3	27°48	3°37	1°56	S 15
S 16	11 36 6	25°48'16	12♎43	20° 2	15°13	22°39	11° 1	20° 2	25° 1	4°10	19°44	28°54	27°45	3°44	2° 0	S 16
M17	11 40 3	26°48'05	25°56	19° 7	15°47	23°19	11°15	20° 8	25° 4	4°13	19°44	28°43	27°42	3°50	2° 3	M17
T 18	11 44 0	27°47'52	8♏49	18°16	16°23	23°58	11°30	20°13	25° 7	4°15	19°44	28°34	27°39	3°57	2° 6	T 18
W19	11 47 56	28°47'37	21°22	17°29	16°59	24°38	11°44	20°19	25°11	4°17	19°43	28°26	27°36	4° 4	2° 9	W19
T 20	11 51 53	29°47'20	3♐38	16°47	17°37	25°18	11°58	20°25	25°14	4°19	19°43	28°20	27°33	4°10	2°12	T 20
F 21	11 55 49	0♈47'01	15°40	16°11	18°16	25°58	12°13	20°31	25°18	4°21	19°43	28°17	27°29	4°17	2°16	F 21
S 22	11 59 46	1°46'41	27°32	15°40	18°57	26°37	12°27	20°37	25°21	4°23	19°42	28°D15	27°26	4°23	2°19	S 22
S 23	12 3 42	2°46'20	9♑21	15°16	19°38	27°17	12°41	20°43	25°25	4°25	19°42	28°15	27°23	4°30	2°22	S 23
M24	12 7 39	3°45'56	21°11	14°57	20°20	27°57	12°56	20°49	25°28	4°27	19°42	28°16	27°20	4°37	2°26	M24
T 25	12 11 35	4°45'31	3♒ 8	14°45	21° 4	28°36	13°10	20°55	25°31	4°29	19°42	28°R16	27°17	4°43	2°29	T 25
W26	12 15 32	5°45'03	15°16	14°39	21°48	29°16	13°25	21° 1	25°35	4°31	19°41	28°14	27°14	4°50	2°33	W26
T 27	12 19 29	6°44'34	27°41	14°D39	22°34	29°55	13°39	21° 7	25°38	4°33	19°41	28°11	27°10	4°57	2°36	T 27
F 28	12 23 25	7°44'04	10♓24	14°45	23°20	0♊35	13°54	21°14	25°42	4°35	19°41	28° 4	27° 7	5° 3	2°40	F 28
S 29	12 27 22	8°43'31	23°28	14°56	24° 7	1°14	14° 8	21°20	25°45	4°37	19°41	27°55	27° 4	5°10	2°43	S 29
S 30	12 31 18	9°42'56	6♈52	15°12	24°55	1°54	14°23	21°26	25°48	4°39	19°41	27°45	27° 1	5°17	2°47	S 30
M31	12 35 15	10♈42'19	20♈35	15♓34	25♒44	2♊34	14♈37	21♉33	25♓52	4♓41	19♋41	27♑33	26♑58	5♑23	2♉50	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s31	2s34	3n39	1n14	2n17	10s53	7n 5	16n20	0n44	1n58	1s 6	15n23	2s 5	2s59	0s44	10s42	0s34	21n24	0s33	20s 9	20s26	25s42	11n37	0s18
S 2	7 8	3n12	4 23	1 35	2 31	10 59	6 56	16 32	0 45	2 3	1 6	15 25	2 5	2 58	0 44	10 41	0 34	21 24	0 33	20 10	20 27	25 41	11 38	0 18
M 3	6 45	8 56	4 53	1 53	2 44	11 5	6 48	16 45	0 45	2 9	1 6	15 26	2 5	2 57	0 44	10 41	0 34	21 25	0 33	20 12	20 27	25 40	11 39	0 18
T 4	6 22	14 21	5 7	2 5	2 56	11 10	6 39	16 57	0 46	2 14	1 6	15 28	2 5	2 55	0 44	10 40	0 34	21 25	0 33	20 13	20 28	25 39	11 40	0 18
W 5	5 59	19 7	5 5	2 13	3 7	11 16	6 30	17 10	0 46	2 20	1 6	15 29	2 4	2 54	0 44	10 39	0 34	21 25	0 33	20 15	20 29	25 38	11 41	0 18
T 6	5 36	22 54	4 45	2 15	3 17	11 20	6 21	17 22	0 47	2 25	1 6	15 31	2 4	2 53	0 44	10 38	0 34	21 25	0 33	20 15	20 29	25 37	11 42	0 19
F 7	5 12	25 23	4 7	2 13	3 25	11 24	6 12	17 34	0 48	2 31	1 6	15 32	2 4	2 51	0 44	10 37	0 34	21 25	0 33	20 16	20 30	25 37	11 42	0 19
S 8	4 49	26 18	3 15	2 6	3 31	11 28	6 3	17 46	0 48	2 37	1 6	15 34	2 4	2 50	0 44	10 37	0 34	21 25	0 32	20 16	20 30	25 36	11 43	0 19
S 9	4 25	25 31	2 10	1 54	3 36	11 31	5 54	17 57	0 49	2 42	1 6	15 35	2 3	2 48	0 44	10 36	0 34	21 26	0 32	20 16	20 31	25 35	11 44	0 19
M10	4 2	23 4	0 57	1 38	3 38	11 34	5 44	18 9	0 49	2 48	1 5	15 37	2 3	2 47	0 44	10 35	0 34	21 26	0 32	20 16	20 32	25 34	11 45	0 19
T 11	3 38	19 11	0s19	1 18	3 39	11 36	5 35	18 21	0 50	2 53	1 5	15 38	2 3	2 46	0 44	10 34	0 34	21 26	0 32	20 16	20 32	25 33	11 46	0 19
W12	3 15	14 11	1 34	0 55	3 37	11 38	5 25	18 32	0 50	2 59	1 5	15 40	2 3	2 44	0 44	10 33	0 34	21 26	0 32	20 16	20 33	25 32	11 47	0 19
T 13	2 51	8 27	2 43	0 29	3 34	11 39	5 16	18 43	0 51	3 5	1 5	15 42	2 2	2 43	0 44	10 33	0 34	21 26	0 32	20 17	20 34	25 31	11 48	0 19
F 14	2 27	2 22	3 41	0 1	3 28	11 40	5 7	18 54	0 51	3 10	1 5	15 43	2 2	2 42	0 44	10 32	0 34	21 26	0 32	20 18	20 34	25 30	11 49	0 19
S 15	2 4	3s43	4 25	0s29	3 21	11 40	4 57	19 5	0 52	3 16	1 5	15 45	2 2	2 40	0 44	10 31	0 34	21 26	0 32	20 20	20 35	25 29	11 50	0 19
S 16	1 40	9 31	4 53	1 0	3 11	11 40	4 48	19 16	0 52	3 21	1 5	15 47	2 2	2 39	0 44	10 30	0 34	21 27	0 32	20 22	20 35	25 28	11 51	0 19
M17	1 16	14 44	5 4	1 32	3 1	11 39	4 38	19 26	0 53	3 27	1 5	15 48	2 2	2 38	0 44	10 30	0 34	21 27	0 32	20 24	20 36	25 27	11 52	0 19
T 18	0 53	19 9	5 0	2 3	2 49	11 38	4 29	19 36	0 53	3 33	1 5	15 50	2 1	2 36	0 44	10 29	0 35	21 27	0 32	20 26	20 37	25 26	11 53	0 19
W19	0 29	22 36	4 41	2 33	2 36	11 36	4 20	19 47	0 54	3 38	1 5	15 52	2 1	2 35	0 44	10 28	0 35	21 27	0 32	20 27	20 37	25 25	11 54	0 19
T 20	0 5	24 56	4 9	3 2	2 22	11 33	4 11	19 57	0 54	3 44	1 5	15 54	2 1	2 33	0 44	10 27	0 35	21 27	0 32	20 29	20 38	25 24	11 56	0 19
F 21	0n19	26 5	3 27	3 29	2 8	11 30	4 1	20 7	0 55	3 50	1 5	15 55	2 1	2 32	0 44	10 27	0 35	21 27	0 31	20 29	20 39	25 23	11 57	0 19
S 22	0 42	26 0	2 36	3 55	1 53	11 27	3 52	20 16	0 55	3 55	1 5	15 57	2 0	2 31	0 44	10 26	0 35	21 27	0 31	20 30	20 39	25 22	11 58	0 20
S 23	1 6	24 44	1 39	4 18	1 37	11 23	3 43	20 26	0 55	4 1	1 5	15 59	2 0	2 29	0 44	10 25	0 35	21 27	0 31	20 30	20 40	25 21	11 59	0 20
M24	1 30	22 22	0 38	4 39	1 22	11 18	3 34	20 35	0 56	4 7	1 5	16 1	2 0	2 28	0 44	10 24	0 35	21 27	0 31	20 29	20 40	25 20	12 0	0 20
T 25	1 53	19 1	0n26	4 58	1 7	11 13	3 26	20 45	0 56	4 12	1 5	16 2	2 0	2 27	0 44	10 24	0 35	21 28	0 31	20 29	20 41	25 19	12 1	0 20
W26	2 17	14 49	1 29	5 14	0 52	11 7	3 17	20 54	0 57	4 18	1 5	16 4	2 0	2 25	0 44	10 23	0 35	21 28	0 31	20 30	20 42	25 18	12 2	0 20
T 27	2 40	9 55	2 30	5 28	0 37	11 1	3 8	21 3	0 57	4 23	1 5	16 6	1 59	2 24	0 44	10 22	0 35	21 28	0 31	20 30	20 42	25 16	12 3	0 20
F 28	3 4	4 30	3 24	5 39	0 23	10 54	2 59	21 11	0 57	4 29	1 5	16 8	1 59	2 23	0 44	10 21	0 35	21 28	0 31	20 32	20 43	25 15	12 4	0 20
S 29	3 27	1n14	4 9	5 48	0 9	10 47	2 51	21 20	0 58	4 35	1 5	16 10	1 59	2 21	0 44	10 21	0 35	21 28	0 31	20 33	20 44	25 14	12 5	0 20
S 30	3 51	7 3	4 42	5 54	0s 5	10 39	2 43	21 28	0 58	4 40	1 5	16 11	1 59	2 20	0 44	10 20	0 35	21 28	0 31	20 36	20 44	25 13	12 7	0 20
M31	4n14	12n39	4n59	5s58	0s18	10s31	2n34	21n37	0n59	4n46	1s 5	16n13	1s59	2s19	0s44	10s19	0s35	21n28	0s31	20s38	20s45	25s12	12n 8	0s20

Julian Day Number = 2516252.5, Delta T = 142.30 sec
Ecliptic obliquity = 23°25'03, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°12'58, Lahiri = 26°19'58

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2177
geocentric

APRIL 2177 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 39 11	11♈41'41	4♉32	16♓ 0	26♒33	3♊13	14♈52	21♉39	25♓55	4♓43	19°R41	27°R21	26♑54	5♑30	2♉54	T 1
W 2	12 43 8	12°41'00	18°39	16°31	27°23	3°53	15° 6	21°46	25°58	4°45	19°D41	27♑11	26°51	5°37	2°57	W 2
T 3	12 47 4	13°40'17	2♊52	17° 5	28°14	4°32	15°21	21°53	26° 2	4°47	19♋41	27° 3	26°48	5°43	3° 1	T 3
F 4	12 51 1	14°39'31	17° 6	17°44	29° 6	5°11	15°35	21°59	26° 5	4°49	19°41	26°58	26°45	5°50	3° 4	F 4
S 5	12 54 58	15°38'44	1♋18	18°27	29°58	5°51	15°50	22° 6	26° 8	4°51	19°41	26°56	26°42	5°57	3° 8	S 5
S 6	12 58 54	16°37'54	15°26	19°13	0♓51	6°30	16° 4	22°13	26°11	4°52	19°41	26°D55	26°39	6° 3	3°12	S 6
M 7	13 2 51	17°37'02	29°29	20° 3	1°44	7°10	16°19	22°20	26°15	4°54	19°41	26°R55	26°35	6°10	3°15	M 7
T 8	13 6 47	18°36'07	13♌26	20°56	2°38	7°49	16°33	22°27	26°18	4°56	19°41	26°55	26°32	6°17	3°19	T 8
W 9	13 10 44	19°35'10	27°17	21°52	3°33	8°28	16°48	22°33	26°21	4°58	19°41	26°52	26°29	6°23	3°23	W 9
T 10	13 14 40	20°34'11	11♍ 2	22°51	4°28	9° 8	17° 2	22°40	26°24	5° 0	19°42	26°47	26°26	6°30	3°26	T 10
F 11	13 18 37	21°33'09	24°37	23°53	5°23	9°47	17°17	22°47	26°28	5° 1	19°42	26°38	26°23	6°37	3°30	F 11
S 12	13 22 33	22°32'05	8♎ 2	24°57	6°20	10°26	17°31	22°54	26°31	5° 3	19°42	26°28	26°20	6°43	3°34	S 12
S 13	13 26 30	23°31'00	21°14	26° 4	7°16	11° 6	17°46	23° 1	26°34	5° 5	19°42	26°15	26°16	6°50	3°37	S 13
M14	13 30 27	24°29'52	4♏12	27°13	8°13	11°45	18° 0	23° 9	26°37	5° 6	19°43	26° 2	26°13	6°57	3°41	M14
T 15	13 34 23	25°28'42	16°54	28°24	9°11	12°24	18°15	23°16	26°40	5° 8	19°43	25°49	26°10	7° 3	3°45	T 15
W16	13 38 20	26°27'31	29°20	29°38	10° 9	13° 3	18°29	23°23	26°43	5°10	19°43	25°38	26° 7	7°10	3°49	W16
T 17	13 42 16	27°26'18	11♐32	0♈54	11° 7	13°42	18°44	23°30	26°46	5°11	19°44	25°30	26° 4	7°16	3°52	T 17
F 18	13 46 13	28°25'03	23°32	2°12	12° 6	14°22	18°58	23°37	26°49	5°13	19°44	25°24	26° 0	7°23	3°56	F 18
S 19	13 50 9	29°23'46	5♑24	3°32	13° 5	15° 1	19°12	23°45	26°52	5°14	19°44	25°21	25°57	7°30	4° 0	S 19
S 20	13 54 6	0♉22'27	17°12	4°54	14° 5	15°40	19°27	23°52	26°55	5°16	19°45	25°20	25°54	7°36	4° 4	S 20
M21	13 58 2	1°21'07	29° 2	6°18	15° 5	16°19	19°41	23°59	26°58	5°17	19°45	25°20	25°51	7°43	4° 7	M21
T 22	14 1 59	2°19'45	10♒59	7°44	16° 5	16°58	19°55	24° 7	27° 1	5°19	19°46	25°19	25°48	7°50	4°11	T 22
W23	14 5 56	3°18'21	23° 8	9°11	17° 6	17°37	20°10	24°14	27° 4	5°20	19°46	25°18	25°45	7°56	4°15	W23
T 24	14 9 52	4°16'56	5♓34	10°41	18° 6	18°16	20°24	24°22	27° 7	5°21	19°47	25°15	25°41	8° 3	4°19	T 24
F 25	14 13 49	5°15'29	18°23	12°12	19° 8	18°55	20°38	24°29	27°10	5°23	19°47	25° 9	25°38	8°10	4°22	F 25
S 26	14 17 45	6°14'00	1♈35	13°45	20° 9	19°34	20°53	24°37	27°13	5°24	19°48	25° 0	25°35	8°16	4°26	S 26
S 27	14 21 42	7°12'30	15°13	15°20	21°11	20°13	21° 7	24°44	27°16	5°25	19°48	24°50	25°32	8°23	4°30	S 27
M28	14 25 38	8°10'58	29°14	16°57	22°13	20°52	21°21	24°52	27°19	5°27	19°49	24°39	25°29	8°30	4°34	M28
T 29	14 29 35	9° 9'24	13♉34	18°35	23°16	21°31	21°35	24°59	27°21	5°28	19°50	24°27	25°25	8°36	4°37	T 29
W30	14 33 31	10♉ 7'49	28♉ 7	20♈15	24♓18	22♊10	21♈49	25♉ 7	27♓24	5♓29	19♋50	24♑17	25♑22	8♑43	4♉41	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n37	17n43	4n59	5s59	0s30	10s22	2n26	21n45	0n59	4n52	1s 5	16n15	1s59	2s17	0s44	10s19	0s35	21n28	0s31	20s40	20s45	25s11	12n 9	0s20
W 2	5 0	21 51	4 41	5 58	0 42	10 12	2 18	21 53	0 59	4 57	1 5	16 17	1 58	2 16	0 44	10 18	0 35	21 28	0 31	20 42	20 46	25 10	12 10	0 20
T 3	5 23	24 43	4 5	5 55	0 54	10 3	2 10	22 0	1 0	5 3	1 4	16 19	1 58	2 15	0 44	10 17	0 35	21 28	0 31	20 44	20 47	25 9	12 11	0 20
F 4	5 46	26 1	3 14	5 50	1 5	9 52	2 2	22 8	1 0	5 8	1 4	16 21	1 58	2 13	0 44	10 17	0 35	21 28	0 30	20 45	20 47	25 8	12 12	0 20
S 5	6 9	25 36	2 11	5 43	1 15	9 41	1 54	22 15	1 0	5 14	1 4	16 23	1 58	2 12	0 44	10 16	0 35	21 28	0 30	20 45	20 48	25 7	12 14	0 20
S 6	6 32	23 32	1 1	5 34	1 25	9 30	1 47	22 22	1 1	5 19	1 4	16 24	1 58	2 11	0 44	10 15	0 35	21 29	0 30	20 45	20 48	25 5	12 15	0 21
M 7	6 55	20 1	0s14	5 22	1 34	9 18	1 39	22 29	1 1	5 25	1 4	16 26	1 58	2 10	0 44	10 15	0 35	21 29	0 30	20 45	20 49	25 4	12 16	0 21
T 8	7 17	15 24	1 26	5 9	1 42	9 6	1 32	22 36	1 1	5 31	1 4	16 28	1 57	2 8	0 44	10 14	0 35	21 29	0 30	20 45	20 50	25 3	12 17	0 21
W 9	7 39	10 0	2 33	4 55	1 50	8 53	1 24	22 43	1 2	5 36	1 4	16 30	1 57	2 7	0 44	10 13	0 35	21 29	0 30	20 46	20 50	25 2	12 18	0 21
T 10	8 2	4 11	3 31	4 38	1 58	8 40	1 17	22 49	1 2	5 42	1 4	16 32	1 57	2 6	0 44	10 13	0 35	21 29	0 30	20 47	20 51	25 1	12 19	0 21
F 11	8 24	1s46	4 15	4 20	2 4	8 26	1 10	22 55	1 2	5 47	1 4	16 34	1 57	2 5	0 44	10 12	0 35	21 29	0 30	20 48	20 51	25 0	12 21	0 21
S 12	8 46	7 33	4 45	4 0	2 11	8 12	1 3	23 2	1 3	5 53	1 4	16 36	1 57	2 3	0 44	10 12	0 35	21 29	0 30	20 51	20 52	24 59	12 22	0 21
S 13	9 7	12 54	4 59	3 39	2 16	7 58	0 56	23 7	1 3	5 58	1 4	16 38	1 57	2 2	0 44	10 11	0 35	21 29	0 30	20 53	20 53	24 57	12 23	0 21
M14	9 29	17 34	4 57	3 16	2 21	7 43	0 49	23 13	1 3	6 4	1 4	16 40	1 57	2 1	0 44	10 11	0 35	21 29	0 30	20 55	20 53	24 56	12 24	0 21
T 15	9 51	21 21	4 40	2 52	2 26	7 28	0 43	23 19	1 3	6 9	1 4	16 42	1 56	2 0	0 44	10 10	0 35	21 29	0 30	20 58	20 54	24 55	12 25	0 21
W16	10 12	24 4	4 11	2 26	2 30	7 12	0 36	23 24	1 4	6 15	1 4	16 43	1 56	1 58	0 44	10 9	0 35	21 29	0 30	21 0	20 54	24 54	12 27	0 21
T 17	10 33	25 36	3 30	1 59	2 33	6 56	0 30	23 29	1 4	6 20	1 4	16 45	1 56	1 57	0 44	10 9	0 35	21 29	0 29	21 1	20 55	24 53	12 28	0 21
F 18	10 54	25 55	2 40	1 30	2 36	6 39	0 24	23 34	1 4	6 26	1 5	16 47	1 56	1 56	0 44	10 8	0 35	21 29	0 29	21 2	20 56	24 51	12 29	0 21
S 19	11 15	25 2	1 44	1 1	2 38	6 22	0 18	23 39	1 5	6 31	1 5	16 49	1 56	1 55	0 44	10 8	0 35	21 29	0 29	21 3	20 56	24 50	12 30	0 21
S 20	11 36	23 1	0 43	0 30	2 40	6 5	0 12	23 43	1 5	6 36	1 5	16 51	1 56	1 54	0 44	10 7	0 35	21 29	0 29	21 3	20 57	24 49	12 31	0 22
M21	11 56	20 1	0n20	0n 2	2 41	5 47	0 6	23 48	1 5	6 42	1 5	16 53	1 56	1 52	0 44	10 7	0 35	21 29	0 29	21 3	20 57	24 48	12 33	0 22
T 22	12 16	16 9	1 22	0 35	2 41	5 29	0 0	23 52	1 5	6 47	1 5	16 55	1 56	1 51	0 44	10 6	0 35	21 29	0 29	21 3	20 58	24 46	12 34	0 22
W23	12 36	11 34	2 22	1 10	2 42	5 11	0s 6	23 56	1 6	6 53	1 5	16 57	1 55	1 50	0 44	10 6	0 35	21 29	0 29	21 3	20 59	24 45	12 35	0 22
T 24	12 56	6 25	3 16	1 45	2 41	4 52	0 11	24 0	1 6	6 58	1 5	16 59	1 55	1 49	0 44	10 5	0 35	21 29	0 29	21 4	20 59	24 44	12 36	0 22
F 25	13 16	0 53	4 2	2 22	2 40	4 33	0 16	24 3	1 6	7 3	1 5	17 1	1 55	1 48	0 44	10 5	0 35	21 29	0 29	21 5	21 0	24 43	12 37	0 22
S 26	13 35	4n52	4 37	2 59	2 39	4 14	0 22	24 6	1 6	7 9	1 5	17 3	1 55	1 47	0 44	10 4	0 35	21 29	0 29	21 7	21 0	24 41	12 39	0 22
S 27	13 54	10 33	4 57	3 38	2 36	3 54	0 27	24 10	1 6	7 14	1 5	17 5	1 55	1 46	0 44	10 4	0 35	21 29	0 29	21 8	21 1	24 40	12 40	0 22
M28	14 13	15 52	5 0	4 17	2 34	3 34	0 32	24 13	1 7	7 19	1 5	17 6	1 55	1 45	0 44	10 3	0 35	21 29	0 29	21 11	21 2	24 39	12 41	0 22
T 29	14 32	20 25	4 45	4 57	2 31	3 14	0 37	24 15	1 7	7 24	1 5	17 8	1 55	1 43	0 44	10 3	0 35	21 29	0 29	21 13	21 2	24 38	12 42	0 22
W30	14n51	23n48	4n11	5n38	2s27	2s54	0s41	24n18	1n 7	7n30	1s 5	17n10	1s55	1s42	0s44	10s 2	0s36	21n29	0s29	21s14	21s 3	24s36	12n43	0s22

Julian Day Number = 2516283.5, Delta T = 142.37 sec
Ecliptic obliquity = 23°25'03, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°13'02, Lahiri = 26°20'02

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2177
geocentric

MAY 2177 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 37 28	11♉ 6'11	12♊46	21♈57	25♓21	22♊49	22♈ 3	25♉14	27♓27	5♓30	19♋51	24°R10	25♑19	8♑50	4♉45	T 1
F 2	14 41 25	12° 4'32	27°23	23°41	26°24	23°28	22°17	25°22	27°29	5°32	19°52	24♑ 5	25°16	8°56	4°49	F 2
S 3	14 45 21	13° 2'50	11♋53	25°26	27°28	24° 7	22°31	25°30	27°32	5°33	19°52	24° 2	25°13	9° 3	4°53	S 3
S 4	14 49 18	14° 1'07	26°12	27°14	28°31	24°46	22°45	25°37	27°35	5°34	19°53	24°D 2	25°10	9°10	4°56	S 4
M 5	14 53 14	14°59'21	10♌19	29° 3	29°35	25°24	22°59	25°45	27°37	5°35	19°54	24°R 2	25° 6	9°16	5° 0	M 5
T 6	14 57 11	15°57'33	24°12	0♉53	0♈39	26° 3	23°13	25°53	27°40	5°36	19°55	24° 2	25° 3	9°23	5° 4	T 6
W 7	15 1 7	16°55'44	7♍51	2°46	1°44	26°42	23°27	26° 0	27°42	5°37	19°55	24° 0	25° 0	9°30	5° 7	W 7
T 8	15 5 4	17°53'52	21°18	4°40	2°48	27°21	23°41	26° 8	27°45	5°38	19°56	23°56	24°57	9°36	5°11	T 8
F 9	15 9 0	18°51'58	4♎32	6°37	3°53	28° 0	23°55	26°16	27°47	5°39	19°57	23°49	24°54	9°43	5°15	F 9
S 10	15 12 57	19°50'02	17°35	8°35	4°57	28°38	24° 9	26°23	27°50	5°40	19°58	23°40	24°51	9°49	5°18	S 10
S 11	15 16 54	20°48'05	0♏25	10°34	6° 2	29°17	24°22	26°31	27°52	5°41	19°59	23°30	24°47	9°56	5°22	S 11
M12	15 20 50	21°46'06	13° 3	12°36	7° 8	29°56	24°36	26°39	27°54	5°42	20° 0	23°19	24°44	10° 3	5°26	M12
T 13	15 24 47	22°44'05	25°30	14°38	8°13	0♋35	24°50	26°47	27°57	5°43	20° 1	23° 8	24°41	10° 9	5°29	T 13
W14	15 28 43	23°42'03	7♐44	16°43	9°19	1°13	25° 3	26°54	27°59	5°43	20° 2	22°59	24°38	10°16	5°33	W14
T 15	15 32 40	24°39'59	19°48	18°49	10°24	1°52	25°17	27° 2	28° 1	5°44	20° 3	22°52	24°35	10°23	5°37	T 15
F 16	15 36 36	25°37'54	1♑43	20°56	11°30	2°31	25°30	27°10	28° 4	5°45	20° 4	22°47	24°31	10°29	5°40	F 16
S 17	15 40 33	26°35'48	13°33	23° 5	12°36	3° 9	25°44	27°18	28° 6	5°46	20° 5	22°45	24°28	10°36	5°44	S 17
S 18	15 44 29	27°33'40	25°20	25°14	13°43	3°48	25°57	27°25	28° 8	5°46	20° 6	22°D44	24°25	10°43	5°47	S 18
M19	15 48 26	28°31'31	7♒10	27°25	14°49	4°26	26°10	27°33	28°10	5°47	20° 7	22°45	24°22	10°49	5°51	M19
T 20	15 52 23	29°29'21	19° 6	29°36	15°56	5° 5	26°24	27°41	28°12	5°48	20° 8	22°46	24°19	10°56	5°55	T 20
W21	15 56 19	0♊27'09	1♓14	1♊47	17° 2	5°44	26°37	27°49	28°14	5°48	20° 9	22°R47	24°16	11° 3	5°58	W21
T 22	16 0 16	1°24'57	13°40	3°59	18° 9	6°22	26°50	27°56	28°16	5°49	20°10	22°46	24°12	11° 9	6° 2	T 22
F 23	16 4 12	2°22'43	26°27	6°10	19°16	7° 1	27° 3	28° 4	28°18	5°49	20°11	22°43	24° 9	11°16	6° 5	F 23
S 24	16 8 9	3°20'28	9♈40	8°21	20°23	7°39	27°16	28°12	28°20	5°50	20°12	22°39	24° 6	11°23	6° 8	S 24
S 25	16 12 5	4°18'12	23°21	10°31	21°30	8°18	27°29	28°20	28°22	5°50	20°13	22°32	24° 3	11°29	6°12	S 25
M26	16 16 2	5°15'55	7♉29	12°40	22°38	8°56	27°42	28°27	28°23	5°51	20°14	22°25	24° 0	11°36	6°15	M26
T 27	16 19 58	6°13'37	22° 0	14°48	23°45	9°35	27°55	28°35	28°25	5°51	20°15	22°18	23°57	11°42	6°19	T 27
W28	16 23 55	7°11'18	6♊49	16°54	24°52	10°13	28° 8	28°43	28°27	5°51	20°17	22°12	23°53	11°49	6°22	W28
T 29	16 27 52	8° 8'57	21°47	18°59	26° 0	10°52	28°21	28°50	28°29	5°52	20°18	22° 7	23°50	11°56	6°25	T 29
F 30	16 31 48	9° 6'36	6♋47	21° 1	27° 8	11°30	28°33	28°58	28°30	5°52	20°19	22° 4	23°47	12° 2	6°29	F 30
S 31	16 35 45	10♊ 4'13	21♋38	23♊ 2	28♈16	12♋ 9	28♈46	29♉ 6	28♓32	5♓52	20♋20	22°D 3	23♑44	12♑ 9	6♉32	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15n 9	25n37	3n20	6n20	2s23	2s33	0s46	24n21	1n 7	7n35	1s 5	17n12	1s55	1s41	0s44	10s 2	0s36	21n29	0s28	21s16	21s 3	24s35	12n45	0s22
F 2	15 27	25 40	2 16	7 3	2 18	2 12	0 50	24 23	1 7	7 40	1 5	17 14	1 54	1 40	0 44	10 2	0 36	21 29	0 28	21 17	21 4	24 34	12 46	0 22
S 3	15 44	23 57	1 4	7 46	2 13	1 51	0 55	24 25	1 8	7 45	1 5	17 16	1 54	1 39	0 44	10 1	0 36	21 29	0 28	21 17	21 4	24 32	12 47	0 22
S 4	16 2	20 42	0s12	8 30	2 7	1 29	0 59	24 27	1 8	7 50	1 5	17 18	1 54	1 38	0 44	10 1	0 36	21 29	0 28	21 17	21 5	24 31	12 48	0 23
M 5	16 19	16 16	1 26	9 14	2 1	1 8	1 3	24 28	1 8	7 55	1 5	17 20	1 54	1 37	0 44	10 1	0 36	21 29	0 28	21 17	21 6	24 30	12 49	0 23
T 6	16 36	11 2	2 33	9 59	1 55	0 46	1 7	24 30	1 8	8 0	1 5	17 22	1 54	1 36	0 44	10 0	0 36	21 29	0 28	21 17	21 6	24 29	12 50	0 23
W 7	16 53	5 21	3 31	10 44	1 47	0 24	1 11	24 31	1 8	8 5	1 5	17 23	1 54	1 35	0 44	10 0	0 36	21 29	0 28	21 17	21 7	24 27	12 52	0 23
T 8	17 9	0s29	4 16	11 30	1 40	0 2	1 15	24 32	1 8	8 11	1 5	17 25	1 54	1 34	0 44	9 59	0 36	21 29	0 28	21 18	21 7	24 26	12 53	0 23
F 9	17 25	6 11	4 47	12 16	1 32	0n20	1 18	24 33	1 9	8 16	1 5	17 27	1 54	1 33	0 44	9 59	0 36	21 29	0 28	21 19	21 8	24 25	12 54	0 23
S 10	17 41	11 32	5 2	13 2	1 23	0 43	1 22	24 33	1 9	8 21	1 5	17 29	1 54	1 32	0 44	9 59	0 36	21 29	0 28	21 21	21 8	24 23	12 55	0 23
S 11	17 56	16 18	5 1	13 48	1 15	1 5	1 25	24 34	1 9	8 26	1 5	17 31	1 54	1 32	0 44	9 59	0 36	21 28	0 28	21 22	21 9	24 22	12 56	0 23
M12	18 11	20 17	4 46	14 34	1 5	1 28	1 29	24 34	1 9	8 30	1 5	17 33	1 54	1 31	0 44	9 58	0 36	21 28	0 28	21 24	21 10	24 21	12 57	0 23
T 13	18 26	23 16	4 17	15 20	0 56	1 51	1 32	24 34	1 9	8 35	1 6	17 35	1 54	1 30	0 44	9 58	0 36	21 28	0 28	21 26	21 10	24 19	12 58	0 23
W14	18 41	25 9	3 37	16 5	0 46	2 14	1 35	24 34	1 9	8 40	1 6	17 36	1 54	1 29	0 44	9 58	0 36	21 28	0 28	21 28	21 11	24 18	13 0	0 23
T 15	18 55	25 48	2 47	16 50	0 36	2 37	1 38	24 34	1 10	8 45	1 6	17 38	1 53	1 28	0 44	9 57	0 36	21 28	0 27	21 29	21 11	24 16	13 1	0 23
F 16	19 9	25 15	1 50	17 34	0 26	3 0	1 40	24 33	1 10	8 50	1 6	17 40	1 53	1 27	0 45	9 57	0 36	21 28	0 27	21 30	21 12	24 15	13 2	0 23
S 17	19 23	23 33	0 49	18 17	0 15	3 24	1 43	24 33	1 10	8 55	1 6	17 42	1 53	1 26	0 45	9 57	0 36	21 28	0 27	21 30	21 12	24 14	13 3	0 24
S 18	19 36	20 49	0n14	18 59	0 5	3 47	1 45	24 32	1 10	9 0	1 6	17 44	1 53	1 25	0 45	9 57	0 36	21 28	0 27	21 30	21 13	24 12	13 4	0 24
M19	19 49	17 14	1 17	19 40	0n 6	4 11	1 48	24 31	1 10	9 4	1 6	17 45	1 53	1 25	0 45	9 56	0 36	21 28	0 27	21 30	21 13	24 11	13 5	0 24
T 20	20 1	12 55	2 17	20 19	0 16	4 34	1 50	24 29	1 10	9 9	1 6	17 47	1 53	1 24	0 45	9 56	0 36	21 28	0 27	21 30	21 14	24 9	13 6	0 24
W21	20 14	8 2	3 12	20 56	0 27	4 57	1 52	24 28	1 10	9 14	1 6	17 49	1 53	1 23	0 45	9 56	0 36	21 28	0 27	21 30	21 15	24 8	13 7	0 24
T 22	20 26	2 44	4 0	21 32	0 37	5 21	1 54	24 26	1 10	9 18	1 6	17 51	1 53	1 22	0 45	9 56	0 36	21 28	0 27	21 30	21 15	24 7	13 8	0 24
F 23	20 37	2n49	4 37	22 5	0 47	5 44	1 56	24 24	1 10	9 23	1 6	17 52	1 53	1 22	0 45	9 56	0 36	21 28	0 27	21 30	21 16	24 5	13 9	0 24
S 24	20 48	8 26	5 0	22 37	0 57	6 8	1 58	24 22	1 11	9 28	1 6	17 54	1 53	1 21	0 45	9 56	0 36	21 27	0 27	21 31	21 16	24 4	13 11	0 24
S 25	20 59	13 50	5 8	23 5	1 6	6 32	2 0	24 20	1 11	9 32	1 6	17 56	1 53	1 20	0 45	9 55	0 36	21 27	0 27	21 32	21 17	24 2	13 12	0 24
M26	21 10	18 41	4 58	23 32	1 15	6 55	2 1	24 18	1 11	9 37	1 7	17 58	1 53	1 20	0 45	9 55	0 36	21 27	0 27	21 33	21 17	24 1	13 13	0 24
T 27	21 20	22 34	4 28	23 55	1 23	7 18	2 3	24 15	1 11	9 41	1 7	17 59	1 53	1 19	0 45	9 55	0 36	21 27	0 27	21 34	21 18	23 59	13 14	0 24
W28	21 29	25 3	3 40	24 16	1 30	7 42	2 4	24 12	1 11	9 46	1 7	18 1	1 53	1 18	0 45	9 55	0 36	21 27	0 27	21 35	21 18	23 58	13 15	0 24
T 29	21 39	25 46	2 37	24 35	1 37	8 5	2 5	24 9	1 11	9 50	1 7	18 3	1 53	1 18	0 45	9 55	0 36	21 27	0 26	21 36	21 19	23 57	13 16	0 25
F 30	21 48	24 36	1 22	24 50	1 44	8 28	2 6	24 6	1 11	9 54	1 7	18 4	1 53	1 17	0 45	9 55	0 36	21 27	0 26	21 37	21 20	23 55	13 17	0 25
S 31	21n56	21n43	0n 2	25n 3	1n49	8n52	2s 7	24n 3	1n11	9n59	1s 7	18n 6	1s53	1s16	0s45	9s55	0s36	21n27	0s26	21s37	21s20	23s54	13n18	0s25

Julian Day Number = 2516313.5, Delta T = 142.44 sec
Ecliptic obliquity = 23°25'02, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°13'06, Lahiri = 26°20'06

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2177
geocentric

JUNE 2177 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 39 41	11♊ 1'48	6♌16	25♊ 0	29♈24	12♋47	28♈58	29♉14	28♓33	5♓53	20♋22	22♑ 4	23♑41	12♑16	6♉35	S 1
M 2	16 43 38	11°59'23	20°35	26°56	0♉32	13°25	29°11	29°21	28°35	5°53	20°23	22° 5	23°37	12°22	6°39	M 2
T 3	16 47 34	12°56'55	4♍34	28°50	1°40	14° 4	29°23	29°29	28°36	5°53	20°24	22° 6	23°34	12°29	6°42	T 3
W 4	16 51 31	13°54'27	18°13	0♋41	2°48	14°42	29°36	29°36	28°38	5°53	20°25	22°R 6	23°31	12°36	6°45	W 4
T 5	16 55 27	14°51'56	1♎33	2°29	3°57	15°21	29°48	29°44	28°39	5°53	20°27	22° 5	23°28	12°42	6°48	T 5
F 6	16 59 24	15°49'25	14°36	4°15	5° 5	15°59	0♉ 0	29°52	28°40	5°53	20°28	22° 2	23°25	12°49	6°51	F 6
S 7	17 3 21	16°46'53	27°23	5°58	6°14	16°37	0°12	29°59	28°42	5°53	20°29	21°58	23°22	12°56	6°54	S 7
S 8	17 7 17	17°44'19	9♏56	7°38	7°22	17°16	0°24	0♊ 7	28°43	5°R53	20°31	21°52	23°18	13° 2	6°57	S 8
M 9	17 11 14	18°41'44	22°18	9°15	8°31	17°54	0°36	0°14	28°44	5°53	20°32	21°47	23°15	13° 9	7° 0	M 9
T 10	17 15 10	19°39'09	4♐29	10°50	9°40	18°32	0°48	0°22	28°45	5°53	20°33	21°41	23°12	13°16	7° 3	T 10
W11	17 19 7	20°36'32	16°32	12°22	10°49	19°10	1° 0	0°29	28°46	5°53	20°35	21°36	23° 9	13°22	7° 6	W11
T 12	17 23 3	21°33'54	28°27	13°51	11°57	19°49	1°11	0°37	28°47	5°53	20°36	21°33	23° 6	13°29	7° 9	T 12
F 13	17 27 0	22°31'16	10♑18	15°17	13° 7	20°27	1°23	0°44	28°48	5°53	20°38	21°31	23° 3	13°36	7°12	F 13
S 14	17 30 56	23°28'37	22° 5	16°40	14°16	21° 5	1°34	0°51	28°49	5°53	20°39	21°D30	22°59	13°42	7°15	S 14
S 15	17 34 53	24°25'58	3♒53	18° 1	15°25	21°43	1°46	0°59	28°50	5°52	20°40	21°31	22°56	13°49	7°18	S 15
M16	17 38 50	25°23'18	15°44	19°18	16°34	22°22	1°57	1° 6	28°51	5°52	20°42	21°32	22°53	13°55	7°21	M16
T 17	17 42 46	26°20'37	27°42	20°32	17°43	23° 0	2° 8	1°13	28°52	5°52	20°43	21°34	22°50	14° 2	7°24	T 17
W18	17 46 43	27°17'56	9♓51	21°44	18°53	23°38	2°19	1°21	28°53	5°51	20°45	21°36	22°47	14° 9	7°26	W18
T 19	17 50 39	28°15'14	22°16	22°52	20° 2	24°16	2°30	1°28	28°54	5°51	20°46	21°37	22°43	14°15	7°29	T 19
F 20	17 54 36	29°12'32	5♈ 1	23°57	21°12	24°54	2°41	1°35	28°54	5°51	20°48	21°R37	22°40	14°22	7°32	F 20
S 21	17 58 32	0♋ 9'50	18°10	24°59	22°22	25°33	2°52	1°42	28°55	5°50	20°49	21°36	22°37	14°29	7°34	S 21
S 22	18 2 29	1° 7'08	1♉46	25°57	23°31	26°11	3° 3	1°49	28°55	5°50	20°51	21°34	22°34	14°35	7°37	S 22
M23	18 6 25	2° 4'25	15°49	26°52	24°41	26°49	3°14	1°56	28°56	5°49	20°52	21°31	22°31	14°42	7°39	M23
T 24	18 10 22	3° 1'42	0♊18	27°44	25°51	27°27	3°24	2° 3	28°56	5°49	20°54	21°29	22°28	14°49	7°42	T 24
W25	18 14 19	3°58'59	15° 9	28°31	27° 1	28° 5	3°34	2°11	28°57	5°48	20°55	21°27	22°24	14°55	7°44	W25
T 26	18 18 15	4°56'16	0♋14	29°15	28°11	28°43	3°45	2°17	28°57	5°48	20°57	21°25	22°21	15° 2	7°47	T 26
F 27	18 22 12	5°53'33	15°24	29°56	29°21	29°22	3°55	2°24	28°58	5°47	20°58	21°D25	22°18	15° 9	7°49	F 27
S 28	18 26 8	6°50'49	0♌31	0♌32	0♊31	29°59	4° 5	2°31	28°58	5°47	21° 0	21°25	22°15	15°15	7°51	S 28
S 29	18 30 5	7°48'04	15°25	1° 4	1°41	0♌38	4°15	2°38	28°58	5°46	21° 1	21°25	22°12	15°22	7°54	S 29
M30	18 34 1	8♋45'19	29♌59	1♌32	2♊52	1♌16	4♉25	2♊45	28♓58	5♓45	21♋ 3	21♑26	22♑ 9	15♑29	7♉56	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n 5	17n27	1s16	25n14	1n54	9n15	2s 8	23n59	1n11	10n 3	1s 7	18n 8	1s53	1s16	0s45	9s55	0s36	21n27	0s26	21s37	21s21	23s52	13n19	0s25
M 2	22 12	12 16	2 29	25 21	1 58	9 38	2 9	23 55	1 11	10 7	1 7	18 9	1 53	1 15	0 45	9 55	0 37	21 26	0 26	21 37	21 21	23 51	13 20	0 25
T 3	22 20	6 33	3 31	25 27	2 2	10 1	2 10	23 51	1 11	10 12	1 7	18 11	1 53	1 15	0 45	9 55	0 37	21 26	0 26	21 36	21 22	23 49	13 21	0 25
W 4	22 27	0 41	4 19	25 29	2 4	10 23	2 10	23 47	1 11	10 16	1 7	18 13	1 53	1 14	0 45	9 55	0 37	21 26	0 26	21 36	21 22	23 48	13 22	0 25
T 5	22 34	5s 5	4 52	25 30	2 6	10 46	2 11	23 43	1 11	10 20	1 8	18 14	1 53	1 14	0 45	9 55	0 37	21 26	0 26	21 37	21 23	23 46	13 23	0 25
F 6	22 40	10 29	5 9	25 28	2 7	11 8	2 11	23 39	1 11	10 24	1 8	18 16	1 53	1 13	0 45	9 55	0 37	21 26	0 26	21 37	21 23	23 45	13 24	0 25
S 7	22 46	15 21	5 10	25 24	2 8	11 31	2 12	23 34	1 11	10 28	1 8	18 17	1 53	1 13	0 45	9 55	0 37	21 26	0 26	21 38	21 24	23 43	13 24	0 25
S 8	22 51	19 28	4 56	25 19	2 7	11 53	2 12	23 29	1 12	10 32	1 8	18 19	1 53	1 12	0 45	9 55	0 37	21 26	0 26	21 39	21 24	23 42	13 25	0 25
M 9	22 56	22 39	4 29	25 11	2 6	12 15	2 12	23 24	1 12	10 37	1 8	18 20	1 53	1 12	0 45	9 55	0 37	21 26	0 26	21 39	21 25	23 40	13 26	0 26
T 10	23 1	24 46	3 49	25 2	2 4	12 37	2 12	23 19	1 12	10 41	1 8	18 22	1 53	1 11	0 45	9 55	0 37	21 25	0 26	21 40	21 25	23 39	13 27	0 26
W11	23 5	25 43	3 0	24 51	2 1	12 58	2 12	23 14	1 12	10 44	1 8	18 24	1 53	1 11	0 45	9 55	0 37	21 25	0 26	21 41	21 26	23 37	13 28	0 26
T 12	23 9	25 28	2 3	24 39	1 57	13 19	2 11	23 8	1 12	10 48	1 8	18 25	1 53	1 10	0 45	9 55	0 37	21 25	0 26	21 42	21 27	23 36	13 29	0 26
F 13	23 12	24 2	1 1	24 25	1 53	13 40	2 11	23 3	1 12	10 52	1 9	18 27	1 53	1 10	0 45	9 55	0 37	21 25	0 25	21 42	21 27	23 34	13 30	0 26
S 14	23 15	21 33	0n 3	24 10	1 48	14 1	2 11	22 57	1 12	10 56	1 9	18 28	1 53	1 10	0 45	9 55	0 37	21 25	0 25	21 42	21 28	23 32	13 31	0 26
S 15	23 18	18 10	1 8	23 54	1 42	14 22	2 10	22 51	1 12	11 0	1 9	18 30	1 53	1 9	0 45	9 55	0 37	21 25	0 25	21 42	21 28	23 31	13 31	0 26
M16	23 20	14 3	2 9	23 37	1 36	14 42	2 10	22 45	1 12	11 4	1 9	18 31	1 53	1 9	0 46	9 55	0 37	21 24	0 25	21 42	21 29	23 29	13 32	0 26
T 17	23 22	9 21	3 6	23 18	1 29	15 2	2 9	22 38	1 12	11 7	1 9	18 32	1 53	1 9	0 46	9 56	0 37	21 24	0 25	21 41	21 29	23 28	13 33	0 26
W18	23 23	4 14	3 56	23 0	1 21	15 22	2 8	22 32	1 12	11 11	1 9	18 34	1 53	1 9	0 46	9 56	0 37	21 24	0 25	21 41	21 30	23 26	13 34	0 26
T 19	23 24	1n 9	4 35	22 40	1 12	15 41	2 7	22 25	1 12	11 15	1 9	18 35	1 53	1 8	0 46	9 56	0 37	21 24	0 25	21 41	21 30	23 25	13 35	0 26
F 20	23 25	6 37	5 3	22 20	1 3	16 1	2 6	22 18	1 12	11 18	1 9	18 37	1 53	1 8	0 46	9 56	0 37	21 24	0 25	21 41	21 31	23 23	13 35	0 27
S 21	23 25	11 58	5 15	21 59	0 53	16 19	2 5	22 11	1 12	11 22	1 10	18 38	1 53	1 8	0 46	9 56	0 37	21 24	0 25	21 41	21 31	23 21	13 36	0 27
S 22	23 25	16 56	5 11	21 38	0 43	16 38	2 4	22 4	1 12	11 25	1 10	18 39	1 53	1 8	0 46	9 56	0 37	21 24	0 25	21 41	21 32	23 20	13 37	0 27
M23	23 24	21 9	4 48	21 17	0 32	16 56	2 3	21 57	1 12	11 29	1 10	18 41	1 53	1 7	0 46	9 57	0 37	21 23	0 25	21 42	21 32	23 18	13 38	0 27
T 24	23 23	24 12	4 6	20 55	0 20	17 14	2 2	21 49	1 12	11 32	1 10	18 42	1 53	1 7	0 46	9 57	0 37	21 23	0 25	21 42	21 33	23 17	13 38	0 27
W25	23 21	25 42	3 7	20 34	0 8	17 31	2 1	21 42	1 12	11 36	1 10	18 43	1 53	1 7	0 46	9 57	0 37	21 23	0 25	21 43	21 33	23 15	13 39	0 27
T 26	23 19	25 20	1 55	20 12	0s 5	17 48	1 59	21 34	1 12	11 39	1 10	18 45	1 53	1 7	0 46	9 57	0 37	21 23	0 25	21 43	21 34	23 13	13 40	0 27
F 27	23 17	23 5	0 33	19 51	0 18	18 5	1 58	21 26	1 12	11 42	1 11	18 46	1 53	1 7	0 46	9 57	0 37	21 23	0 25	21 43	21 34	23 12	13 40	0 27
S 28	23 14	19 12	0s50	19 30	0 32	18 21	1 56	21 18	1 12	11 46	1 11	18 47	1 54	1 7	0 46	9 58	0 37	21 23	0 25	21 43	21 35	23 10	13 41	0 27
S 29	23 11	14 9	2 9	19 9	0 46	18 37	1 55	21 10	1 12	11 49	1 11	18 49	1 54	1 7	0 46	9 58	0 37	21 22	0 24	21 43	21 35	23 9	13 42	0 27
M30	23n 8	8n22	3s18	18n49	1s 1	18n52	1s53	21n 1	1n12	11n52	1s11	18n50	1s54	1s 7	0s46	9s58	0s37	21n22	0s24	21s43	21s36	23s 7	13n42	0s28

Julian Day Number = 2516344.5, Delta T = 142.51 sec
Ecliptic obliquity = 23°25'02, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°13'10, Lahiri = 26°20'11

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2177
geocentric

JULY 2177 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 37 58	9♋42'33	14♍11	1♌56	4♊ 2	1♌54	4♉35	2♊52	28♓58	5°R45	21♋ 4	21♏27	22♏ 5	15♏35	7♉58	T 1
W 2	18 41 55	10°39'47	27°58	2°15	5°12	2°32	4°44	2°58	28°58	5♓44	21° 6	21°28	22° 2	15°42	8° 0	W 2
T 3	18 45 51	11°37'01	11♎20	2°30	6°23	3°10	4°54	3° 5	28°R59	5°43	21° 7	21°R28	21°59	15°48	8° 2	T 3
F 4	18 49 48	12°34'14	24°19	2°40	7°33	3°48	5° 3	3°12	28°59	5°42	21° 9	21°28	21°56	15°55	8° 4	F 4
S 5	18 53 44	13°31'26	6♏59	2°46	8°44	4°27	5°12	3°18	28°58	5°41	21°10	21°27	21°53	16° 2	8° 6	S 5
S 6	18 57 41	14°28'39	19°23	2°R47	9°54	5° 5	5°22	3°25	28°58	5°41	21°12	21°27	21°49	16° 8	8° 8	S 6
M 7	19 1 37	15°25'51	1♐33	2°43	11° 5	5°43	5°31	3°31	28°58	5°40	21°14	21°26	21°46	16°15	8°10	M 7
T 8	19 5 34	16°23'02	13°34	2°35	12°16	6°21	5°40	3°38	28°58	5°39	21°15	21°25	21°43	16°22	8°12	T 8
W 9	19 9 30	17°20'14	25°28	2°22	13°26	6°59	5°48	3°44	28°58	5°38	21°17	21°25	21°40	16°28	8°14	W 9
T 10	19 13 27	18°17'26	7♑18	2° 5	14°37	7°37	5°57	3°50	28°57	5°37	21°18	21°24	21°37	16°35	8°16	T 10
F 11	19 17 24	19°14'38	19° 5	1°43	15°48	8°15	6° 5	3°57	28°57	5°36	21°20	21°D24	21°34	16°42	8°18	F 11
S 12	19 21 20	20°11'49	0♒54	1°18	16°59	8°53	6°14	4° 3	28°57	5°35	21°21	21°24	21°30	16°48	8°19	S 12
S 13	19 25 17	21° 9'01	12°45	0°49	18°10	9°31	6°22	4° 9	28°56	5°34	21°23	21°R24	21°27	16°55	8°21	S 13
M14	19 29 13	22° 6'14	24°41	0°17	19°21	10° 9	6°30	4°15	28°56	5°33	21°25	21°24	21°24	17° 2	8°22	M14
T 15	19 33 10	23° 3'26	6♓46	29♋42	20°32	10°47	6°38	4°21	28°55	5°32	21°26	21°24	21°21	17° 8	8°24	T 15
W16	19 37 6	24° 0'39	19° 1	29° 5	21°43	11°25	6°46	4°27	28°55	5°31	21°28	21°24	21°18	17°15	8°25	W16
T 17	19 41 3	24°57'52	1♈30	28°26	22°55	12° 3	6°54	4°33	28°54	5°29	21°29	21°24	21°15	17°21	8°27	T 17
F 18	19 44 59	25°55'06	14°16	27°46	24° 6	12°41	7° 1	4°39	28°53	5°28	21°31	21°23	21°11	17°28	8°28	F 18
S 19	19 48 56	26°52'21	27°22	27° 6	25°17	13°19	7° 9	4°45	28°53	5°27	21°32	21°D23	21° 8	17°35	8°30	S 19
S 20	19 52 53	27°49'36	10♉51	26°27	26°29	13°57	7°16	4°50	28°52	5°26	21°34	21°23	21° 5	17°41	8°31	S 20
M21	19 56 49	28°46'52	24°44	25°49	27°40	14°35	7°23	4°56	28°51	5°25	21°35	21°24	21° 2	17°48	8°32	M21
T 22	20 0 46	29°44'08	9♊ 2	25°12	28°52	15°13	7°30	5° 1	28°50	5°24	21°37	21°24	20°59	17°55	8°33	T 22
W23	20 4 42	0♌41'26	23°41	24°38	0♋ 3	15°51	7°37	5° 7	28°49	5°22	21°39	21°25	20°55	18° 1	8°34	W23
T 24	20 8 39	1°38'44	8♋38	24° 7	1°15	16°29	7°43	5°12	28°49	5°21	21°40	21°26	20°52	18° 8	8°36	T 24
F 25	20 12 35	2°36'03	23°45	23°39	2°26	17° 7	7°50	5°18	28°48	5°20	21°42	21°R26	20°49	18°15	8°37	F 25
S 26	20 16 32	3°33'22	8♌53	23°16	3°38	17°45	7°56	5°23	28°47	5°18	21°43	21°25	20°46	18°21	8°38	S 26
S 27	20 20 28	4°30'42	23°53	22°58	4°50	18°23	8° 2	5°28	28°45	5°17	21°45	21°24	20°43	18°28	8°38	S 27
M28	20 24 25	5°28'02	8♍37	22°44	6° 2	19° 1	8° 8	5°34	28°44	5°16	21°46	21°23	20°40	18°35	8°39	M28
T 29	20 28 22	6°25'23	22°59	22°36	7°13	19°39	8°14	5°39	28°43	5°14	21°48	21°21	20°36	18°41	8°40	T 29
W30	20 32 18	7°22'44	6♎55	22°D34	8°25	20°18	8°20	5°44	28°42	5°13	21°49	21°19	20°33	18°48	8°41	W30
T 31	20 36 15	8♌20'06	20♎23	22♋37	9♋37	20♌56	8♉25	5♊49	28♓41	5♓11	21♋51	21♏18	20♏30	18♏55	8♉42	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n 4	2n20	4s13	18n29	1s16	19n 7	1s51	20n53	1n12	11n55	1s11	18n51	1s54	1s 7	0s46	9s59	0s37	21n22	0s24	21s42	21s36	23s 5	13n43	0s28
W 2	22 59	3s38	4 51	18 10	1 31	19 21	1 49	20 44	1 12	11 58	1 11	18 52	1 54	1 7	0 46	9 59	0 37	21 22	0 24	21 42	21 37	23 4	13 44	0 28
T 3	22 55	9 16	5 12	17 52	1 46	19 35	1 47	20 35	1 12	12 1	1 11	18 54	1 54	1 7	0 46	9 59	0 37	21 22	0 24	21 42	21 37	23 2	13 44	0 28
F 4	22 49	14 20	5 17	17 34	2 2	19 49	1 46	20 26	1 11	12 4	1 12	18 55	1 54	1 7	0 46	10 0	0 37	21 21	0 24	21 42	21 38	23 0	13 45	0 28
S 5	22 44	18 39	5 6	17 18	2 17	20 2	1 44	20 17	1 11	12 7	1 12	18 56	1 54	1 7	0 46	10 0	0 37	21 21	0 24	21 42	21 38	22 59	13 45	0 28
S 6	22 38	22 3	4 41	17 2	2 33	20 15	1 41	20 8	1 11	12 10	1 12	18 57	1 54	1 7	0 46	10 0	0 38	21 21	0 24	21 43	21 39	22 57	13 46	0 28
M 7	22 32	24 25	4 3	16 48	2 48	20 27	1 39	19 59	1 11	12 13	1 12	18 58	1 54	1 7	0 46	10 1	0 38	21 21	0 24	21 43	21 40	22 55	13 46	0 28
T 8	22 25	25 38	3 15	16 35	3 3	20 38	1 37	19 49	1 11	12 15	1 12	18 59	1 54	1 7	0 46	10 1	0 38	21 21	0 24	21 43	21 40	22 54	13 47	0 28
W 9	22 18	25 39	2 19	16 24	3 18	20 49	1 35	19 40	1 11	12 18	1 13	19 0	1 54	1 7	0 46	10 1	0 38	21 21	0 24	21 43	21 41	22 52	13 47	0 28
T 10	22 10	24 30	1 18	16 13	3 33	21 0	1 33	19 30	1 11	12 21	1 13	19 2	1 54	1 7	0 46	10 2	0 38	21 20	0 24	21 43	21 41	22 50	13 48	0 29
F 11	22 2	22 16	0 13	16 5	3 46	21 10	1 30	19 20	1 11	12 24	1 13	19 3	1 54	1 8	0 46	10 2	0 38	21 20	0 24	21 43	21 42	22 49	13 48	0 29
S 12	21 54	19 5	0n53	15 58	3 59	21 19	1 28	19 10	1 11	12 26	1 13	19 4	1 55	1 8	0 46	10 2	0 38	21 20	0 24	21 43	21 42	22 47	13 49	0 29
S 13	21 45	15 7	1 56	15 52	4 11	21 28	1 26	19 0	1 11	12 29	1 13	19 5	1 55	1 8	0 47	10 3	0 38	21 20	0 24	21 43	21 43	22 45	13 49	0 29
M14	21 36	10 32	2 55	15 48	4 22	21 36	1 23	18 49	1 11	12 31	1 13	19 6	1 55	1 8	0 47	10 3	0 38	21 20	0 24	21 43	21 43	22 43	13 50	0 29
T 15	21 27	5 31	3 46	15 46	4 32	21 44	1 21	18 39	1 11	12 34	1 14	19 7	1 55	1 8	0 47	10 4	0 38	21 19	0 23	21 43	21 44	22 42	13 50	0 29
W16	21 17	0 14	4 28	15 45	4 40	21 51	1 18	18 28	1 11	12 36	1 14	19 8	1 55	1 9	0 47	10 4	0 38	21 19	0 23	21 43	21 44	22 40	13 50	0 29
T 17	21 7	5n10	4 59	15 46	4 47	21 58	1 16	18 18	1 11	12 38	1 14	19 9	1 55	1 9	0 47	10 5	0 38	21 19	0 23	21 43	21 44	22 38	13 51	0 29
F 18	20 57	10 27	5 15	15 49	4 52	22 4	1 13	18 7	1 11	12 41	1 14	19 10	1 55	1 9	0 47	10 5	0 38	21 19	0 23	21 43	21 45	22 37	13 51	0 29
S 19	20 46	15 26	5 16	15 53	4 56	22 10	1 11	17 56	1 11	12 43	1 14	19 11	1 55	1 10	0 47	10 5	0 38	21 19	0 23	21 43	21 45	22 35	13 51	0 29
S 20	20 35	19 48	5 0	15 58	4 58	22 14	1 8	17 45	1 10	12 45	1 15	19 12	1 55	1 10	0 47	10 6	0 38	21 19	0 23	21 43	21 46	22 33	13 52	0 30
M21	20 23	23 14	4 26	16 5	4 58	22 19	1 5	17 34	1 10	12 47	1 15	19 12	1 55	1 10	0 47	10 6	0 38	21 18	0 23	21 43	21 46	22 31	13 52	0 30
T 22	20 11	25 19	3 34	16 13	4 57	22 22	1 3	17 22	1 10	12 49	1 15	19 13	1 56	1 11	0 47	10 7	0 38	21 18	0 23	21 43	21 47	22 30	13 52	0 30
W23	19 59	25 44	2 28	16 21	4 54	22 25	1 0	17 11	1 10	12 51	1 15	19 14	1 56	1 11	0 47	10 7	0 38	21 18	0 23	21 43	21 47	22 28	13 53	0 30
T 24	19 47	24 19	1 10	16 31	4 49	22 28	0 57	17 0	1 10	12 53	1 15	19 15	1 56	1 11	0 47	10 8	0 38	21 18	0 23	21 43	21 48	22 26	13 53	0 30
F 25	19 34	21 7	0s13	16 42	4 43	22 29	0 54	16 48	1 10	12 55	1 16	19 16	1 56	1 12	0 47	10 8	0 38	21 18	0 23	21 43	21 48	22 24	13 53	0 30
S 26	19 20	16 29	1 35	16 54	4 35	22 31	0 51	16 36	1 10	12 57	1 16	19 17	1 56	1 12	0 47	10 9	0 38	21 17	0 23	21 43	21 49	22 23	13 53	0 30
S 27	19 7	10 52	2 50	17 6	4 26	22 31	0 49	16 24	1 10	12 59	1 16	19 17	1 56	1 13	0 47	10 9	0 38	21 17	0 23	21 43	21 49	22 21	13 53	0 30
M28	18 53	4 44	3 53	17 18	4 16	22 31	0 46	16 13	1 10	13 0	1 16	19 18	1 56	1 13	0 47	10 10	0 38	21 17	0 23	21 43	21 50	22 19	13 54	0 30
T 29	18 39	1s29	4 39	17 31	4 4	22 30	0 43	16 0	1 10	13 2	1 16	19 19	1 56	1 14	0 47	10 10	0 38	21 17	0 23	21 43	21 50	22 17	13 54	0 31
W30	18 25	7 26	5 6	17 43	3 52	22 29	0 40	15 48	1 9	13 4	1 17	19 20	1 56	1 14	0 47	10 11	0 38	21 17	0 23	21 44	21 51	22 15	13 54	0 31
T 31	18n10	12s50	5s16	17n56	3s38	22n27	0s37	15n36	1n 9	13n 5	1s17	19n21	1s57	1s15	0s47	10s11	0s38	21n17	0s23	21s44	21s51	22s14	13n54	0s31

Julian Day Number = 2516374.5, Delta T = 142.58 sec
Ecliptic obliquity = 23°25'01, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°13'14, Lahiri = 26°20'15

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2177
geocentric

AUGUST 2177 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 40 11	9♌17'28	3♏26	22♋47	10♋49	21♌34	8♉31	5♊53	28°R39	5°R10	21♋52	21°D17	20♂27	19♂ 1	8♉42	F 1
S 2	20 44 8	10°14'50	16° 5	23° 2	12° 1	22°12	8°36	5°58	28♓38	5♓ 9	21°54	21♂17	20°24	19° 8	8°43	S 2
S 3	20 48 4	11°12'13	28°25	23°24	13°13	22°50	8°41	6° 3	28°37	5° 7	21°55	21°18	20°21	19°14	8°43	S 3
M 4	20 52 1	12° 9'37	10♐31	23°53	14°26	23°28	8°46	6° 7	28°35	5° 6	21°57	21°19	20°17	19°21	8°44	M 4
T 5	20 55 57	13° 7'02	22°27	24°27	15°38	24° 6	8°50	6°12	28°34	5° 4	21°58	21°21	20°14	19°28	8°44	T 5
W 6	20 59 54	14° 4'27	4♑16	25° 8	16°50	24°44	8°55	6°16	28°32	5° 3	22° 0	21°22	20°11	19°34	8°45	W 6
T 7	21 3 51	15° 1'52	16° 3	25°55	18° 2	25°22	8°59	6°21	28°31	5° 1	22° 1	21°R23	20° 8	19°41	8°45	T 7
F 8	21 7 47	15°59'19	27°52	26°48	19°15	26° 0	9° 3	6°25	28°29	5° 0	22° 3	21°23	20° 5	19°48	8°45	F 8
S 9	21 11 44	16°56'46	9♒44	27°47	20°27	26°38	9° 7	6°29	28°28	4°58	22° 4	21°22	20° 1	19°54	8°45	S 9
S 10	21 15 40	17°54'15	21°43	28°52	21°40	27°16	9°11	6°33	28°26	4°57	22° 6	21°19	19°58	20° 1	8°45	S 10
M11	21 19 37	18°51'44	3♓49	0♌ 3	22°52	27°54	9°15	6°38	28°25	4°55	22° 7	21°16	19°55	20° 8	8°45	M11
T 12	21 23 33	19°49'15	16° 6	1°19	24° 5	28°32	9°18	6°41	28°23	4°54	22° 9	21°11	19°52	20°14	8°R45	T 12
W13	21 27 30	20°46'46	28°33	2°41	25°17	29°10	9°21	6°45	28°21	4°52	22°10	21° 6	19°49	20°21	8°45	W13
T 14	21 31 26	21°44'19	11♈13	4° 8	26°30	29°48	9°24	6°49	28°19	4°50	22°11	21° 2	19°46	20°28	8°45	T 14
F 15	21 35 23	22°41'53	24° 7	5°39	27°43	0♏26	9°27	6°53	28°18	4°49	22°13	20°58	19°42	20°34	8°45	F 15
S 16	21 39 20	23°39'29	7♉17	7°15	28°55	1° 4	9°30	6°56	28°16	4°47	22°14	20°55	19°39	20°41	8°45	S 16
S 17	21 43 16	24°37'06	20°44	8°55	0♌ 8	1°42	9°32	7° 0	28°14	4°46	22°15	20°D54	19°36	20°47	8°45	S 17
M18	21 47 13	25°34'45	4♊29	10°39	1°21	2°20	9°35	7° 3	28°12	4°44	22°17	20°55	19°33	20°54	8°44	M18
T 19	21 51 9	26°32'26	18°34	12°26	2°34	2°59	9°37	7° 7	28°10	4°42	22°18	20°56	19°30	21° 1	8°44	T 19
W20	21 55 6	27°30'08	2♋56	14°16	3°47	3°37	9°38	7°10	28° 8	4°41	22°20	20°57	19°27	21° 7	8°44	W20
T 21	21 59 2	28°27'51	17°35	16° 9	5° 0	4°15	9°40	7°13	28° 6	4°39	22°21	20°R58	19°23	21°14	8°43	T 21
F 22	22 2 59	29°25'36	2♌24	18° 4	6°13	4°53	9°42	7°16	28° 4	4°37	22°22	20°57	19°20	21°21	8°43	F 22
S 23	22 6 55	0♏23'23	17°19	20° 1	7°26	5°31	9°43	7°19	28° 2	4°36	22°23	20°55	19°17	21°27	8°42	S 23
S 24	22 10 52	1°21'11	2♏11	21°58	8°39	6° 9	9°44	7°22	28° 0	4°34	22°25	20°51	19°14	21°34	8°41	S 24
M25	22 14 49	2°19'00	16°52	23°57	9°52	6°47	9°45	7°24	27°58	4°33	22°26	20°46	19°11	21°41	8°41	M25
T 26	22 18 45	3°16'50	1♎15	25°57	11° 6	7°25	9°46	7°27	27°56	4°31	22°27	20°39	19° 7	21°47	8°40	T 26
W27	22 22 42	4°14'42	15°14	27°57	12°19	8° 4	9°46	7°30	27°54	4°29	22°28	20°32	19° 4	21°54	8°39	W27
T 28	22 26 38	5°12'35	28°47	29°57	13°32	8°42	9°46	7°32	27°52	4°28	22°30	20°27	19° 1	22° 1	8°38	T 28
F 29	22 30 35	6°10'30	11♏53	1♏56	14°45	9°20	9°R47	7°34	27°50	4°26	22°31	20°22	18°58	22° 7	8°37	F 29
S 30	22 34 31	7° 8'25	24°35	3°56	15°59	9°58	9°46	7°37	27°47	4°24	22°32	20°19	18°55	22°14	8°36	S 30
S 31	22 38 28	8♏ 6'22	6♐56	5♏55	17♌12	10♏36	9♉46	7♊39	27♓45	4♓23	22♋33	20°D18	18♂52	22♂20	8♉35	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17n55	17s29	5s 9	18n 8	3s24	22n24	0s35	15n24	1n 9	13n 7	1s17	19n21	1s57	1s15	0s47	10s12	0s38	21n16	0s22	21s44	21s52	22s12	13n54	0s31
S 2	17 39	21 13	4 47	18 20	3 10	22 21	0 32	15 11	1 9	13 8	1 17	19 22	1 57	1 16	0 47	10 12	0 38	21 16	0 22	21 44	21 52	22 10	13 54	0 31
S 3	17 24	23 53	4 12	18 32	2 54	22 17	0 29	14 59	1 9	13 10	1 17	19 23	1 57	1 16	0 47	10 13	0 38	21 16	0 22	21 44	21 53	22 8	13 54	0 31
M 4	17 8	25 25	3 27	18 42	2 39	22 12	0 26	14 46	1 9	13 11	1 18	19 23	1 57	1 17	0 47	10 14	0 38	21 16	0 22	21 44	21 53	22 6	13 54	0 31
T 5	16 52	25 45	2 33	18 52	2 23	22 7	0 23	14 33	1 9	13 12	1 18	19 24	1 57	1 18	0 47	10 14	0 38	21 16	0 22	21 43	21 54	22 5	13 54	0 31
W 6	16 35	24 54	1 33	19 0	2 7	22 1	0 20	14 21	1 9	13 13	1 18	19 25	1 57	1 18	0 47	10 15	0 38	21 15	0 22	21 43	21 54	22 3	13 54	0 31
T 7	16 19	22 56	0 29	19 7	1 51	21 55	0 17	14 8	1 8	13 14	1 18	19 25	1 57	1 19	0 47	10 15	0 38	21 15	0 22	21 43	21 55	22 1	13 54	0 32
F 8	16 2	19 59	0n36	19 13	1 35	21 48	0 15	13 55	1 8	13 16	1 19	19 26	1 58	1 19	0 47	10 16	0 38	21 15	0 22	21 43	21 55	21 59	13 54	0 32
S 9	15 45	16 12	1 39	19 17	1 19	21 40	0 12	13 42	1 8	13 17	1 19	19 26	1 58	1 20	0 47	10 16	0 38	21 15	0 22	21 43	21 56	21 57	13 54	0 32
S 10	15 27	11 45	2 39	19 20	1 4	21 32	0 9	13 28	1 8	13 18	1 19	19 27	1 58	1 21	0 47	10 17	0 38	21 15	0 22	21 44	21 56	21 55	13 54	0 32
M11	15 9	6 48	3 32	19 20	0 49	21 23	0 6	13 15	1 8	13 19	1 19	19 27	1 58	1 21	0 47	10 18	0 38	21 15	0 22	21 44	21 56	21 53	13 54	0 32
T 12	14 51	1 33	4 16	19 18	0 34	21 13	0 3	13 2	1 8	13 19	1 19	19 28	1 58	1 22	0 47	10 18	0 38	21 14	0 22	21 45	21 57	21 52	13 54	0 32
W13	14 33	3n51	4 49	19 14	0 19	21 3	0 0	12 48	1 8	13 20	1 20	19 28	1 58	1 23	0 47	10 19	0 38	21 14	0 22	21 46	21 57	21 50	13 54	0 32
T 14	14 15	9 9	5 8	19 7	0 5	20 52	0n 2	12 35	1 7	13 21	1 20	19 29	1 58	1 24	0 47	10 19	0 38	21 14	0 22	21 46	21 58	21 48	13 54	0 32
F 15	13 56	14 11	5 12	18 58	0n 8	20 41	0 5	12 21	1 7	13 22	1 20	19 29	1 59	1 24	0 47	10 20	0 38	21 14	0 22	21 47	21 58	21 46	13 54	0 32
S 16	13 37	18 39	5 0	18 46	0 20	20 29	0 8	12 8	1 7	13 22	1 20	19 30	1 59	1 25	0 48	10 21	0 38	21 14	0 22	21 47	21 59	21 44	13 53	0 33
S 17	13 18	22 17	4 31	18 32	0 32	20 16	0 11	11 54	1 7	13 23	1 21	19 30	1 59	1 26	0 48	10 21	0 38	21 14	0 22	21 48	21 59	21 42	13 53	0 33
M18	12 59	24 44	3 47	18 14	0 43	20 3	0 13	11 40	1 7	13 23	1 21	19 31	1 59	1 27	0 48	10 22	0 38	21 13	0 22	21 48	22 0	21 40	13 53	0 33
T 19	12 39	25 42	2 48	17 54	0 53	19 50	0 16	11 26	1 7	13 24	1 21	19 31	1 59	1 27	0 48	10 22	0 38	21 13	0 21	21 47	22 0	21 39	13 53	0 33
W20	12 20	25 0	1 37	17 32	1 2	19 35	0 19	11 12	1 6	13 24	1 21	19 31	1 59	1 28	0 48	10 23	0 38	21 13	0 21	21 47	22 1	21 37	13 53	0 33
T 21	12 0	22 34	0 18	17 6	1 11	19 20	0 21	10 58	1 6	13 25	1 21	19 32	2 0	1 29	0 48	10 24	0 38	21 13	0 21	21 47	22 1	21 35	13 52	0 33
F 22	11 40	18 36	1s 2	16 39	1 18	19 5	0 24	10 44	1 6	13 25	1 22	19 32	2 0	1 30	0 48	10 24	0 38	21 13	0 21	21 47	22 1	21 33	13 52	0 33
S 23	11 19	13 26	2 18	16 8	1 25	18 49	0 26	10 30	1 6	13 25	1 22	19 32	2 0	1 31	0 48	10 25	0 38	21 13	0 21	21 47	22 2	21 31	13 52	0 33
S 24	10 59	7 29	3 25	15 36	1 30	18 33	0 29	10 16	1 6	13 25	1 22	19 33	2 0	1 31	0 48	10 25	0 39	21 12	0 21	21 48	22 2	21 29	13 51	0 33
M25	10 38	1 13	4 17	15 1	1 35	18 16	0 31	10 2	1 6	13 25	1 22	19 33	2 0	1 32	0 48	10 26	0 39	21 12	0 21	21 49	22 3	21 27	13 51	0 34
T 26	10 18	4s58	4 52	14 25	1 39	17 58	0 34	9 47	1 5	13 25	1 23	19 33	2 0	1 33	0 48	10 27	0 39	21 12	0 21	21 50	22 3	21 25	13 51	0 34
W27	9 57	10 44	5 8	13 46	1 42	17 40	0 36	9 33	1 5	13 25	1 23	19 34	2 0	1 34	0 48	10 27	0 39	21 12	0 21	21 51	22 4	21 23	13 50	0 34
T 28	9 36	15 48	5 6	13 6	1 44	17 21	0 38	9 18	1 5	13 25	1 23	19 34	2 1	1 35	0 48	10 28	0 39	21 12	0 21	21 52	22 4	21 21	13 50	0 34
F 29	9 14	19 57	4 48	12 25	1 45	17 2	0 41	9 4	1 5	13 25	1 23	19 34	2 1	1 36	0 48	10 28	0 39	21 12	0 21	21 52	22 5	21 19	13 50	0 34
S 30	8 53	23 2	4 16	11 42	1 46	16 43	0 43	8 49	1 5	13 25	1 23	19 34	2 1	1 37	0 48	10 29	0 39	21 12	0 21	21 53	22 5	21 17	13 49	0 34
S 31	8n31	24s57	3s33	10n59	1n46	16n23	0n45	8n35	1n 4	13n24	1s24	19n34	2s 1	1s37	0s48	10s30	0s39	21n11	0s21	21s53	22s 5	21s15	13n49	0s34

Julian Day Number = 2516405.5, Delta T = 142.65 sec
Ecliptic obliquity = 23°25'01, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°13'19, Lahiri = 26°20'19

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2177
geocentric

SEPTEMBER 2177 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 42 24	9♍ 4'21	19♐ 1	7♍53	18♌26	11♍15	9°R46	7♊41	27°R43	4°R21	22♋34	20♑19	18♑48	22♑27	8°R34	M 1
T 2	22 46 21	10° 2'20	0♑55	9°50	19°39	11°53	9♉45	7°43	27♓41	4♓19	22°36	20°20	18°45	22°34	8♉33	T 2
W 3	22 50 18	11° 0'21	12°43	11°46	20°53	12°31	9°44	7°45	27°38	4°18	22°37	20°21	18°42	22°40	8°32	W 3
T 4	22 54 14	11°58'24	24°31	13°41	22° 6	13° 9	9°43	7°46	27°36	4°16	22°38	20°R21	18°39	22°47	8°31	T 4
F 5	22 58 11	12°56'27	6♒22	15°36	23°20	13°47	9°42	7°48	27°34	4°15	22°39	20°20	18°36	22°54	8°30	F 5
S 6	23 2 7	13°54'32	18°20	17°29	24°34	14°26	9°40	7°49	27°32	4°13	22°40	20°16	18°32	23° 0	8°28	S 6
S 7	23 6 4	14°52'39	0♓28	19°21	25°48	15° 4	9°39	7°51	27°29	4°11	22°41	20°10	18°29	23° 7	8°27	S 7
M 8	23 10 0	15°50'47	12°48	21°11	27° 1	15°42	9°37	7°52	27°27	4°10	22°42	20° 2	18°26	23°14	8°25	M 8
T 9	23 13 57	16°48'57	25°21	23° 1	28°15	16°20	9°35	7°53	27°25	4° 8	22°43	19°53	18°23	23°20	8°24	T 9
W10	23 17 53	17°47'09	8♈ 7	24°49	29°29	16°59	9°32	7°54	27°22	4° 7	22°44	19°42	18°20	23°27	8°22	W10
T 11	23 21 50	18°45'23	21° 6	26°37	0♍43	17°37	9°30	7°55	27°20	4° 5	22°45	19°32	18°17	23°34	8°21	T 11
F 12	23 25 46	19°43'38	4♉16	28°23	1°57	18°15	9°27	7°56	27°18	4° 3	22°46	19°24	18°13	23°40	8°19	F 12
S 13	23 29 43	20°41'56	17°39	0♎ 8	3°11	18°54	9°24	7°57	27°15	4° 2	22°47	19°17	18°10	23°47	8°17	S 13
S 14	23 33 40	21°40'16	1♊13	1°51	4°25	19°32	9°21	7°58	27°13	4° 0	22°48	19°13	18° 7	23°54	8°16	S 14
M15	23 37 36	22°38'38	14°59	3°34	5°39	20°10	9°18	7°58	27°10	3°59	22°49	19°11	18° 4	24° 0	8°14	M15
T 16	23 41 33	23°37'02	28°56	5°16	6°53	20°49	9°14	7°59	27° 8	3°57	22°50	19°D11	18° 1	24° 7	8°12	T 16
W17	23 45 29	24°35'28	13♋ 5	6°56	8° 7	21°27	9°11	7°59	27° 6	3°56	22°50	19°R12	17°58	24°13	8°10	W17
T 18	23 49 26	25°33'56	27°24	8°36	9°21	22° 5	9° 7	7°59	27° 3	3°54	22°51	19°11	17°54	24°20	8° 8	T 18
F 19	23 53 22	26°32'26	11♌51	10°14	10°36	22°44	9° 3	7°59	27° 1	3°53	22°52	19°10	17°51	24°27	8° 6	F 19
S 20	23 57 19	27°30'59	26°23	11°51	11°50	23°22	8°59	7°R59	26°58	3°51	22°53	19° 5	17°48	24°33	8° 4	S 20
S 21	0 1 16	28°29'33	10♍54	13°27	13° 4	24° 1	8°54	7°59	26°56	3°50	22°54	18°58	17°45	24°40	8° 2	S 21
M22	0 5 12	29°28'10	25°18	15° 3	14°18	24°39	8°50	7°59	26°54	3°48	22°54	18°49	17°42	24°47	8° 0	M22
T 23	0 9 9	0♎26'48	9♎29	16°37	15°33	25°18	8°45	7°59	26°51	3°47	22°55	18°38	17°38	24°53	7°58	T 23
W24	0 13 5	1°25'28	23°20	18°10	16°47	25°56	8°40	7°58	26°49	3°45	22°56	18°26	17°35	25° 0	7°56	W24
T 25	0 17 2	2°24'10	6♏49	19°42	18° 2	26°35	8°35	7°58	26°46	3°44	22°57	18°15	17°32	25° 7	7°54	T 25
F 26	0 20 58	3°22'54	19°54	21°14	19°16	27°13	8°30	7°57	26°44	3°43	22°57	18° 7	17°29	25°13	7°52	F 26
S 27	0 24 55	4°21'40	2♐36	22°44	20°30	27°52	8°25	7°56	26°42	3°41	22°58	18° 0	17°26	25°20	7°49	S 27
S 28	0 28 51	5°20'28	14°58	24°13	21°45	28°30	8°19	7°55	26°39	3°40	22°59	17°57	17°23	25°27	7°47	S 28
M29	0 32 48	6°19'17	27° 4	25°42	23° 0	29° 9	8°13	7°54	26°37	3°39	22°59	17°55	17°19	25°33	7°45	M29
T 30	0 36 44	7♎18'08	8♑58	27♎ 9	24♍14	29♍47	8♉ 8	7♊53	26♓35	3♓37	23♋ 0	17°D55	17♑16	25♑40	7♉42	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	8n10	25s38	2s41	10n14	1n45	16n 2	0n47	8n20	1n 4	13n24	1s24	19n35	2s 1	1s38	0s48	10s30	0s39	21n11	0s21	21s53	22s 6	21s14	13n48	0s34
T 2	7 48	25 8	1 43	9 29	1 44	15 42	0 49	8 5	1 4	13 24	1 24	19 35	2 1	1 39	0 48	10 31	0 39	21 11	0 21	21 53	22 6	21 12	13 48	0 34
W 3	7 26	23 30	0 41	8 43	1 42	15 20	0 52	7 50	1 4	13 23	1 24	19 35	2 2	1 40	0 48	10 31	0 39	21 11	0 21	21 53	22 7	21 10	13 47	0 35
T 4	7 4	20 50	0n22	7 56	1 39	14 58	0 54	7 36	1 4	13 22	1 24	19 35	2 2	1 41	0 48	10 32	0 39	21 11	0 21	21 53	22 7	21 8	13 47	0 35
F 5	6 42	17 17	1 25	7 9	1 36	14 36	0 56	7 21	1 3	13 22	1 25	19 35	2 2	1 42	0 48	10 33	0 39	21 11	0 21	21 53	22 8	21 6	13 46	0 35
S 6	6 19	13 1	2 25	6 22	1 33	14 14	0 58	7 6	1 3	13 21	1 25	19 35	2 2	1 43	0 48	10 33	0 39	21 11	0 20	21 53	22 8	21 4	13 46	0 35
S 7	5 57	8 12	3 18	5 35	1 29	13 51	0 59	6 51	1 3	13 21	1 25	19 35	2 2	1 44	0 48	10 34	0 39	21 11	0 20	21 54	22 9	21 2	13 45	0 35
M 8	5 35	3 0	4 3	4 47	1 25	13 27	1 1	6 36	1 3	13 20	1 25	19 35	2 2	1 45	0 48	10 34	0 39	21 10	0 20	21 55	22 9	21 0	13 45	0 35
T 9	5 12	2n24	4 37	4 0	1 20	13 3	1 3	6 21	1 3	13 19	1 26	19 35	2 3	1 46	0 48	10 35	0 39	21 10	0 20	21 57	22 9	20 58	13 44	0 35
W10	4 49	7 47	4 58	3 12	1 15	12 39	1 5	6 6	1 2	13 18	1 26	19 35	2 3	1 47	0 48	10 36	0 39	21 10	0 20	21 58	22 10	20 56	13 44	0 35
T 11	4 27	12 55	5 4	2 25	1 10	12 15	1 6	5 51	1 2	13 17	1 26	19 35	2 3	1 48	0 48	10 36	0 39	21 10	0 20	22 0	22 10	20 54	13 43	0 35
F 12	4 4	17 33	4 54	1 37	1 4	11 50	1 8	5 35	1 2	13 16	1 26	19 35	2 3	1 48	0 48	10 37	0 39	21 10	0 20	22 1	22 11	20 52	13 42	0 35
S 13	3 41	21 22	4 28	0 50	0 58	11 25	1 10	5 20	1 2	13 15	1 26	19 35	2 3	1 49	0 48	10 37	0 39	21 10	0 20	22 2	22 11	20 50	13 42	0 36
S 14	3 18	24 5	3 47	0 3	0 52	10 59	1 11	5 5	1 1	13 14	1 26	19 35	2 3	1 50	0 48	10 38	0 39	21 10	0 20	22 2	22 12	20 48	13 41	0 36
M15	2 55	25 25	2 52	0s43	0 46	10 33	1 12	4 50	1 1	13 13	1 27	19 35	2 4	1 51	0 48	10 38	0 39	21 10	0 20	22 3	22 12	20 46	13 40	0 36
T 16	2 32	25 11	1 46	1 29	0 39	10 7	1 14	4 34	1 1	13 11	1 27	19 35	2 4	1 52	0 48	10 39	0 39	21 10	0 20	22 3	22 12	20 44	13 40	0 36
W17	2 9	23 19	0 33	2 15	0 32	9 41	1 15	4 19	1 1	13 10	1 27	19 35	2 4	1 53	0 48	10 40	0 39	21 10	0 20	22 3	22 13	20 42	13 39	0 36
T 18	1 46	19 57	0s44	3 1	0 26	9 14	1 16	4 4	1 1	13 9	1 27	19 35	2 4	1 54	0 48	10 40	0 39	21 9	0 20	22 3	22 13	20 40	13 38	0 36
F 19	1 22	15 20	1 58	3 46	0 19	8 47	1 18	3 48	1 0	13 7	1 27	19 35	2 4	1 55	0 48	10 41	0 39	21 9	0 20	22 3	22 14	20 38	13 38	0 36
S 20	0 59	9 49	3 4	4 30	0 11	8 20	1 19	3 33	1 0	13 6	1 28	19 34	2 4	1 56	0 48	10 41	0 39	21 9	0 20	22 4	22 14	20 36	13 37	0 36
S 21	0 36	3 47	3 59	5 14	0 4	7 52	1 20	3 17	1 0	13 4	1 28	19 34	2 5	1 57	0 48	10 42	0 39	21 9	0 20	22 5	22 14	20 34	13 36	0 36
M22	0 13	2s23	4 37	5 58	0s 3	7 25	1 21	3 2	1 0	13 3	1 28	19 34	2 5	1 58	0 48	10 42	0 39	21 9	0 20	22 6	22 15	20 32	13 35	0 37
T 23	0s11	8 19	4 58	6 41	0 10	6 57	1 22	2 47	0 59	13 1	1 28	19 34	2 5	1 59	0 48	10 43	0 39	21 9	0 20	22 7	22 15	20 29	13 34	0 37
W24	0 34	13 43	5 1	7 24	0 18	6 29	1 22	2 31	0 59	12 59	1 28	19 34	2 5	2 0	0 48	10 43	0 39	21 9	0 19	22 9	22 16	20 27	13 34	0 37
T 25	0 57	18 17	4 46	8 5	0 25	6 0	1 23	2 16	0 59	12 57	1 28	19 33	2 5	2 1	0 48	10 44	0 39	21 9	0 19	22 10	22 16	20 25	13 33	0 37
F 26	1 21	21 50	4 17	8 47	0 33	5 32	1 24	2 0	0 58	12 56	1 28	19 33	2 5	2 2	0 48	10 44	0 39	21 9	0 19	22 12	22 17	20 23	13 32	0 37
S 27	1 44	24 11	3 36	9 27	0 40	5 3	1 25	1 44	0 58	12 54	1 29	19 33	2 5	2 3	0 48	10 45	0 39	21 9	0 19	22 12	22 17	20 21	13 31	0 37
S 28	2 7	25 19	2 45	10 7	0 48	4 35	1 25	1 29	0 58	12 52	1 29	19 33	2 6	2 4	0 48	10 45	0 39	21 9	0 19	22 13	22 17	20 19	13 30	0 37
M29	2 30	25 11	1 48	10 47	0 55	4 6	1 26	1 13	0 58	12 50	1 29	19 32	2 6	2 5	0 48	10 46	0 39	21 9	0 19	22 13	22 18	20 17	13 30	0 37
T 30	2s54	23s54	0s47	11s25	1s 3	3n36	1n26	0n58	0n57	12n48	1s29	19n32	2s 6	2s 5	0s48	10s46	0s39	21n 9	0s19	22s13	22s18	20s15	13n29	0s37

Julian Day Number = 2516436.5, Delta T = 142.72 sec
Ecliptic obliquity = 23°25'02, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°13'23, Lahiri = 26°20'23

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

OCTOBER 2177 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 40 41	8♎17'01	20♑47	28♎35	25♍29	0♎26	8°R 1	7°R52	26°R32	3°R36	23♋ 0	17°R55	17♑13	25♑46	7°R40	W 1
T 2	0 44 38	9°15'55	2♒35	0♏ 0	26°43	1° 4	7♉55	7♊51	26♓30	3♓35	23° 1	17♑54	17°10	25°53	7♉38	T 2
F 3	0 48 34	10°14'51	14°29	1°25	27°58	1°43	7°49	7°49	26°28	3°34	23° 1	17°52	17° 7	26° 0	7°35	F 3
S 4	0 52 31	11°13'49	26°32	2°48	29°13	2°22	7°43	7°48	26°25	3°32	23° 2	17°47	17° 4	26° 6	7°33	S 4
S 5	0 56 27	12°12'49	8♓49	4°10	0♎27	3° 0	7°36	7°46	26°23	3°31	23° 2	17°39	17° 0	26°13	7°30	S 5
M 6	1 0 24	13°11'50	21°21	5°31	1°42	3°39	7°29	7°45	26°21	3°30	23° 3	17°29	16°57	26°20	7°27	M 6
T 7	1 4 20	14°10'54	4♈11	6°51	2°57	4°18	7°23	7°43	26°18	3°29	23° 3	17°16	16°54	26°26	7°25	T 7
W 8	1 8 17	15° 9'59	17°17	8° 9	4°11	4°56	7°16	7°41	26°16	3°28	23° 4	17° 3	16°51	26°33	7°22	W 8
T 9	1 12 13	16° 9'07	0♉39	9°26	5°26	5°35	7° 9	7°39	26°14	3°27	23° 4	16°51	16°48	26°40	7°20	T 9
F 10	1 16 10	17° 8'16	14°13	10°42	6°41	6°14	7° 1	7°37	26°12	3°25	23° 4	16°39	16°44	26°46	7°17	F 10
S 11	1 20 7	18° 7'28	27°58	11°57	7°56	6°52	6°54	7°35	26°10	3°24	23° 5	16°31	16°41	26°53	7°14	S 11
S 12	1 24 3	19° 6'42	11♊51	13°10	9°11	7°31	6°47	7°32	26° 7	3°23	23° 5	16°25	16°38	27° 0	7°12	S 12
M13	1 28 0	20° 5'59	25°49	14°21	10°26	8°10	6°39	7°30	26° 5	3°22	23° 5	16°22	16°35	27° 6	7° 9	M13
T 14	1 31 56	21° 5'17	9♋50	15°30	11°41	8°49	6°32	7°27	26° 3	3°21	23° 5	16°21	16°32	27°13	7° 6	T 14
W15	1 35 53	22° 4'39	23°55	16°38	12°56	9°28	6°24	7°25	26° 1	3°20	23° 6	16°21	16°29	27°20	7° 3	W15
T 16	1 39 49	23° 4'02	8♌ 2	17°43	14°10	10° 6	6°17	7°22	25°59	3°20	23° 6	16°20	16°25	27°26	7° 1	T 16
F 17	1 43 46	24° 3'28	22°10	18°47	15°25	10°45	6° 9	7°19	25°57	3°19	23° 6	16°18	16°22	27°33	6°58	F 17
S 18	1 47 42	25° 2'56	6♍18	19°47	16°40	11°24	6° 1	7°16	25°55	3°18	23° 6	16°13	16°19	27°39	6°55	S 18
S 19	1 51 39	26° 2'26	20°23	20°45	17°56	12° 3	5°53	7°13	25°53	3°17	23° 6	16° 6	16°16	27°46	6°52	S 19
M20	1 55 36	27° 1'58	4♎21	21°40	19°11	12°42	5°45	7°10	25°51	3°16	23° 6	15°55	16°13	27°53	6°49	M20
T 21	1 59 32	28° 1'33	18° 9	22°32	20°26	13°21	5°37	7° 7	25°49	3°15	23° 6	15°43	16° 9	27°59	6°46	T 21
W22	2 3 29	29° 1'09	1♏42	23°20	21°41	14° 0	5°29	7° 4	25°47	3°15	23° 7	15°31	16° 6	28° 6	6°44	W22
T 23	2 7 25	0♏ 0'48	14°57	24° 4	22°56	14°39	5°21	7° 0	25°45	3°14	23° 7	15°19	16° 3	28°13	6°41	T 23
F 24	2 11 22	1° 0'28	27°53	24°44	24°11	15°18	5°13	6°57	25°43	3°13	23°R 7	15° 9	16° 0	28°19	6°38	F 24
S 25	2 15 18	2° 0'11	10♐30	25°19	25°26	15°57	5° 5	6°54	25°42	3°12	23° 7	15° 2	15°57	28°26	6°35	S 25
S 26	2 19 15	2°59'55	22°49	25°49	26°41	16°36	4°57	6°50	25°40	3°12	23° 6	14°57	15°54	28°33	6°32	S 26
M27	2 23 11	3°59'41	4♑54	26°12	27°56	17°15	4°49	6°46	25°38	3°11	23° 6	14°55	15°50	28°39	6°29	M27
T 28	2 27 8	4°59'29	16°48	26°30	29°11	17°54	4°40	6°43	25°36	3°11	23° 6	14°D54	15°47	28°46	6°26	T 28
W29	2 31 5	5°59'18	28°36	26°40	0♏27	18°33	4°32	6°39	25°35	3°10	23° 6	14°55	15°44	28°53	6°23	W29
T 30	2 35 1	6°59'10	10♒25	26°R42	1°42	19°12	4°24	6°35	25°33	3°10	23° 6	14°R55	15°41	28°59	6°20	T 30
F 31	2 38 58	7♏59'02	22♒19	26♏37	2♏57	19♎51	4♉16	6♊31	25♓32	3♓ 9	23♋ 6	14♑54	15♑38	29♑ 6	6♉17	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	3s17	21s34	0n15	12s 3	1s10	3n 7	1n27	0n42	0n57	12n46	1s29	19n32	2s 6	2s 6	0s48	10s47	0s39	21n 9	0s19	22s13	22s19	20s13	13n28	0s37	W 1
T 2	3 40	18 19	1 17	12 40	1 17	2 38	1 27	0 27	0 57	12 44	1 29	19 31	2 6	2 7	0 48	10 47	0 39	21 9	0 19	22 13	22 19	20 11	13 27	0 38	T 2
F 3	4 3	14 18	2 16	13 17	1 25	2 9	1 27	0 11	0 57	12 42	1 29	19 31	2 6	2 8	0 48	10 48	0 39	21 9	0 19	22 14	22 19	20 9	13 26	0 38	F 3
S 4	4 26	9 41	3 9	13 52	1 32	1 39	1 27	0s 5	0 56	12 40	1 29	19 30	2 7	2 9	0 48	10 48	0 39	21 9	0 19	22 14	22 20	20 7	13 25	0 38	S 4
S 5	4 49	4 38	3 55	14 27	1 39	1 9	1 28	0 20	0 56	12 37	1 29	19 30	2 7	2 10	0 48	10 48	0 39	21 8	0 19	22 15	22 20	20 5	13 24	0 38	S 5
M 6	5 12	0n43	4 30	15 1	1 46	0 40	1 28	0 36	0 56	12 35	1 30	19 30	2 7	2 11	0 48	10 49	0 39	21 8	0 19	22 17	22 21	20 2	13 23	0 38	M 6
T 7	5 35	6 8	4 53	15 34	1 53	0 10	1 28	0 51	0 55	12 33	1 30	19 29	2 7	2 12	0 48	10 49	0 39	21 8	0 19	22 18	22 21	20 0	13 22	0 38	T 7
W 8	5 58	11 24	5 0	16 6	2 0	0s20	1 27	1 7	0 55	12 31	1 30	19 29	2 7	2 13	0 48	10 50	0 39	21 8	0 19	22 20	22 21	19 58	13 21	0 38	W 8
T 9	6 21	16 14	4 52	16 37	2 6	0 49	1 27	1 23	0 55	12 28	1 30	19 28	2 7	2 14	0 48	10 50	0 39	21 8	0 19	22 21	22 22	19 56	13 20	0 38	T 9
F 10	6 44	20 20	4 27	17 7	2 13	1 19	1 27	1 38	0 55	12 26	1 30	19 28	2 7	2 14	0 48	10 51	0 39	21 8	0 19	22 23	22 22	19 54	13 20	0 38	F 10
S 11	7 6	23 21	3 46	17 36	2 19	1 49	1 27	1 54	0 54	12 23	1 30	19 27	2 7	2 15	0 48	10 51	0 39	21 8	0 19	22 24	22 23	19 52	13 19	0 38	S 11
S 12	7 29	25 1	2 51	18 4	2 25	2 19	1 27	2 9	0 54	12 21	1 30	19 27	2 8	2 16	0 48	10 51	0 39	21 8	0 19	22 25	22 23	19 50	13 18	0 39	S 12
M13	7 51	25 7	1 46	18 31	2 31	2 48	1 26	2 25	0 54	12 19	1 30	19 26	2 8	2 17	0 48	10 52	0 39	21 8	0 18	22 25	22 23	19 48	13 17	0 39	M13
T 14	8 13	23 37	0 34	18 57	2 36	3 18	1 26	2 40	0 53	12 16	1 30	19 26	2 8	2 18	0 48	10 52	0 39	21 8	0 18	22 25	22 24	19 46	13 16	0 39	T 14
W15	8 35	20 39	0s40	19 22	2 41	3 48	1 25	2 56	0 53	12 14	1 30	19 25	2 8	2 19	0 48	10 52	0 39	21 8	0 18	22 25	22 24	19 43	13 15	0 39	W15
T 16	8 57	16 26	1 52	19 45	2 46	4 17	1 24	3 11	0 53	12 11	1 30	19 25	2 8	2 19	0 48	10 53	0 39	21 8	0 18	22 25	22 25	19 41	13 14	0 39	T 16
F 17	9 19	11 19	2 57	20 7	2 50	4 47	1 24	3 27	0 52	12 8	1 30	19 24	2 8	2 20	0 47	10 53	0 39	21 9	0 18	22 25	22 25	19 39	13 13	0 39	F 17
S 18	9 41	5 36	3 52	20 28	2 54	5 16	1 23	3 42	0 52	12 6	1 30	19 24	2 8	2 21	0 47	10 53	0 39	21 9	0 18	22 26	22 25	19 37	13 12	0 39	S 18
S 19	10 3	0s21	4 32	20 47	2 58	5 45	1 22	3 58	0 52	12 3	1 30	19 23	2 8	2 22	0 47	10 54	0 39	21 9	0 18	22 27	22 26	19 35	13 11	0 39	S 19
M20	10 24	6 14	4 55	21 5	3 1	6 15	1 21	4 13	0 51	12 1	1 30	19 22	2 8	2 22	0 47	10 54	0 39	21 9	0 18	22 28	22 26	19 33	13 10	0 39	M20
T 21	10 46	11 44	5 1	21 21	3 4	6 44	1 21	4 29	0 51	11 58	1 30	19 22	2 9	2 23	0 47	10 54	0 39	21 9	0 18	22 30	22 26	19 30	13 9	0 39	T 21
W22	11 7	16 34	4 49	21 35	3 6	7 13	1 20	4 44	0 51	11 55	1 30	19 21	2 9	2 24	0 47	10 54	0 39	21 9	0 18	22 31	22 27	19 28	13 8	0 40	W22
T 23	11 28	20 29	4 22	21 47	3 7	7 41	1 19	5 0	0 50	11 53	1 30	19 21	2 9	2 25	0 47	10 55	0 39	21 9	0 18	22 32	22 27	19 26	13 7	0 40	T 23
F 24	11 49	23 17	3 42	21 58	3 8	8 10	1 17	5 15	0 50	11 50	1 30	19 20	2 9	2 25	0 47	10 55	0 39	21 9	0 18	22 33	22 28	19 24	13 6	0 40	F 24
S 25	12 10	24 50	2 52	22 6	3 7	8 39	1 16	5 30	0 50	11 47	1 30	19 19	2 9	2 26	0 47	10 55	0 39	21 9	0 18	22 34	22 28	19 22	13 4	0 40	S 25
S 26	12 30	25 8	1 55	22 12	3 6	9 7	1 15	5 45	0 49	11 45	1 30	19 19	2 9	2 27	0 47	10 55	0 39	21 9	0 18	22 35	22 28	19 20	13 3	0 40	S 26
M27	12 50	24 13	0 53	22 16	3 4	9 35	1 14	6 1	0 49	11 42	1 30	19 18	2 9	2 27	0 47	10 56	0 39	21 9	0 18	22 35	22 29	19 17	13 2	0 40	M27
T 28	13 10	22 12	0n10	22 17	3 1	10 3	1 12	6 16	0 49	11 39	1 30	19 17	2 9	2 28	0 47	10 56	0 39	21 9	0 18	22 35	22 29	19 15	13 1	0 40	T 28
W29	13 30	19 14	1 12	22 15	2 56	10 30	1 11	6 31	0 48	11 37	1 30	19 17	2 9	2 29	0 47	10 56	0 38	21 9	0 18	22 35	22 29	19 13	13 0	0 40	W29
T 30	13 50	15 30	2 12	22 10	2 51	10 58	1 10	6 46	0 48	11 34	1 30	19 16	2 9	2 29	0 47	10 56	0 38	21 9	0 18	22 35	22 30	19 11	12 59	0 40	T 30
F 31	14s 9	11s 8	3n 6	22s 2	2s43	11s25	1n 8	7s 1	0n48	11n32	1s30	19n15	2s 9	2s30	0s47	10s56	0s38	21n 9	0s17	22s35	22s30	19s 9	12n58	0s40	F 31

Julian Day Number = 2516466.5, Delta T = 142.79 sec
Ecliptic obliquity = 23°25'01, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°13'27, Lahiri = 26°20'27

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2177
geocentric

NOVEMBER 2177 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 42 54	8♏58'57	4♓23	26°R22	4♏12	20♎30	4°R 8	6°R27	25°R30	3°R 9	23°R 6	14°R50	15♑35	29♑13	6°R15	S 1
S 2	2 46 51	9°58'53	16°43	25♏58	5°27	21° 9	4♉ 0	6♊23	25♓29	3♓ 8	23♋ 5	14♑45	15°31	29°19	6♉12	S 2
M 3	2 50 47	10°58'50	29°23	25°25	6°43	21°49	3°52	6°19	25°27	3° 8	23° 5	14°37	15°28	29°26	6° 9	M 3
T 4	2 54 44	11°58'50	12♈23	24°43	7°58	22°28	3°44	6°15	25°26	3° 7	23° 5	14°27	15°25	29°32	6° 6	T 4
W 5	2 58 40	12°58'51	25°45	23°51	9°13	23° 7	3°36	6°10	25°24	3° 7	23° 5	14°16	15°22	29°39	6° 3	W 5
T 6	3 2 37	13°58'54	9♉28	22°51	10°28	23°46	3°28	6° 6	25°23	3° 7	23° 4	14° 6	15°19	29°46	6° 0	T 6
F 7	3 6 34	14°58'58	23°27	21°44	11°44	24°25	3°20	6° 2	25°22	3° 7	23° 4	13°57	15°15	29°52	5°57	F 7
S 8	3 10 30	15°59'05	7♊39	20°30	12°59	25° 5	3°13	5°57	25°20	3° 6	23° 4	13°50	15°12	29°59	5°54	S 8
S 9	3 14 27	16°59'14	21°58	19°13	14°14	25°44	3° 5	5°53	25°19	3° 6	23° 3	13°45	15° 9	0♒ 6	5°52	S 9
M10	3 18 23	17°59'24	6♋19	17°54	15°29	26°23	2°57	5°48	25°18	3° 6	23° 3	13°43	15° 6	0°12	5°49	M10
T 11	3 22 20	18°59'37	20°38	16°35	16°45	27° 3	2°50	5°44	25°17	3° 6	23° 2	13°D43	15° 3	0°19	5°46	T 11
W12	3 26 16	19°59'52	4♌52	15°20	18° 0	27°42	2°42	5°39	25°16	3° 6	23° 2	13°44	15° 0	0°26	5°43	W12
T 13	3 30 13	21° 0'08	19° 0	14°11	19°15	28°21	2°35	5°35	25°15	3° 6	23° 2	13°R45	14°56	0°32	5°40	T 13
F 14	3 34 9	22° 0'27	3♍ 1	13° 9	20°31	29° 1	2°28	5°30	25°14	3°D 6	23° 1	13°44	14°53	0°39	5°38	F 14
S 15	3 38 6	23° 0'47	16°52	12°17	21°46	29°40	2°21	5°25	25°13	3° 6	23° 0	13°42	14°50	0°46	5°35	S 15
S 16	3 42 3	24° 1'10	0♎35	11°36	23° 1	0♏20	2°14	5°20	25°12	3° 6	23° 0	13°37	14°47	0°52	5°32	S 16
M17	3 45 59	25° 1'34	14° 8	11° 7	24°17	0°59	2° 7	5°16	25°11	3° 6	22°59	13°30	14°44	0°59	5°29	M17
T 18	3 49 56	26° 2'00	27°29	10°49	25°32	1°39	2° 0	5°11	25°10	3° 6	22°59	13°22	14°41	1° 6	5°27	T 18
W19	3 53 52	27° 2'28	10♏38	10°D42	26°48	2°18	1°53	5° 6	25° 9	3° 6	22°58	13°13	14°37	1°12	5°24	W19
T 20	3 57 49	28° 2'58	23°33	10°47	28° 3	2°58	1°47	5° 1	25° 9	3° 6	22°58	13° 5	14°34	1°19	5°21	T 20
F 21	4 1 45	29° 3'29	6♐13	11° 2	29°18	3°37	1°40	4°56	25° 8	3° 7	22°57	12°58	14°31	1°26	5°19	F 21
S 22	4 5 42	0♐ 4'02	18°38	11°27	0♐34	4°17	1°34	4°51	25° 7	3° 7	22°56	12°53	14°28	1°32	5°16	S 22
S 23	4 9 38	1° 4'36	0♑50	12° 1	1°49	4°57	1°28	4°46	25° 7	3° 7	22°55	12°50	14°25	1°39	5°14	S 23
M24	4 13 35	2° 5'12	12°50	12°42	3° 5	5°36	1°22	4°42	25° 6	3° 8	22°55	12°D49	14°21	1°46	5°11	M24
T 25	4 17 32	3° 5'49	24°42	13°31	4°20	6°16	1°16	4°37	25° 6	3° 8	22°54	12°50	14°18	1°52	5° 9	T 25
W26	4 21 28	4° 6'27	6♒30	14°26	5°35	6°56	1°11	4°32	25° 5	3° 8	22°53	12°52	14°15	1°59	5° 6	W26
T 27	4 25 25	5° 7'06	18°18	15°26	6°51	7°35	1° 5	4°27	25° 5	3° 9	22°52	12°54	14°12	2° 5	5° 4	T 27
F 28	4 29 21	6° 7'46	0♓11	16°31	8° 6	8°15	1° 0	4°22	25° 5	3° 9	22°52	12°55	14° 9	2°12	5° 1	F 28
S 29	4 33 18	7° 8'28	12°14	17°39	9°22	8°55	0°55	4°17	25° 4	3°10	22°51	12°R55	14° 6	2°19	4°59	S 29
S 30	4 37 14	8♐ 9'10	24♓32	18♏52	10♐37	9♏34	0♉50	4♊12	25♓ 4	3♓10	22♋50	12♑53	14♑ 2	2♒25	4♉57	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s29	6s17	3n52	21s50	2s35	11s52	1n 7	7s16	0n47	11n29	1s29	19n14	2s 9	2s30	0s47	10s56	0s38	21n 9	0s17	22s36	22s31	19s 6	12n57	0s40
S 2	14 48	1 6	4 29	21 34	2 24	12 18	1 5	7 31	0 47	11 26	1 29	19 14	2 9	2 31	0 47	10 57	0 38	21 9	0 17	22 36	22 31	19 4	12 56	0 40
M 3	15 6	4n14	4 53	21 15	2 12	12 45	1 4	7 46	0 47	11 24	1 29	19 13	2 9	2 32	0 47	10 57	0 38	21 10	0 17	22 37	22 31	19 2	12 55	0 41
T 4	15 25	9 33	5 4	20 51	1 59	13 11	1 2	8 1	0 46	11 21	1 29	19 12	2 10	2 32	0 47	10 57	0 38	21 10	0 17	22 38	22 32	19 0	12 54	0 41
W 5	15 43	14 34	4 58	20 23	1 43	13 36	1 0	8 16	0 46	11 19	1 29	19 11	2 10	2 33	0 47	10 57	0 38	21 10	0 17	22 39	22 32	18 58	12 53	0 41
T 6	16 1	18 58	4 35	19 52	1 26	14 1	0 58	8 31	0 45	11 16	1 29	19 11	2 10	2 33	0 47	10 57	0 38	21 10	0 17	22 40	22 32	18 55	12 52	0 41
F 7	16 19	22 25	3 55	19 17	1 8	14 26	0 57	8 46	0 45	11 14	1 29	19 10	2 10	2 34	0 47	10 57	0 38	21 10	0 17	22 41	22 33	18 53	12 51	0 41
S 8	16 36	24 32	3 1	18 38	0 49	14 51	0 55	9 0	0 45	11 11	1 29	19 9	2 10	2 34	0 47	10 57	0 38	21 10	0 17	22 42	22 33	18 51	12 50	0 41
S 9	16 54	25 4	1 54	17 58	0 28	15 15	0 53	9 15	0 44	11 9	1 28	19 8	2 10	2 35	0 47	10 57	0 38	21 10	0 17	22 42	22 33	18 49	12 49	0 41
M10	17 10	23 56	0 40	17 16	0 8	15 39	0 51	9 30	0 44	11 6	1 28	19 8	2 10	2 35	0 47	10 57	0 38	21 10	0 17	22 43	22 34	18 46	12 48	0 41
T 11	17 27	21 13	0s37	16 34	0n13	16 3	0 49	9 44	0 43	11 4	1 28	19 7	2 10	2 35	0 47	10 57	0 38	21 10	0 17	22 43	22 34	18 44	12 47	0 41
W12	17 43	17 14	1 51	15 54	0 33	16 26	0 47	9 59	0 43	11 1	1 28	19 6	2 10	2 36	0 47	10 57	0 38	21 11	0 17	22 43	22 34	18 42	12 46	0 41
T 13	17 59	12 17	2 58	15 15	0 52	16 48	0 45	10 13	0 43	10 59	1 28	19 5	2 10	2 36	0 47	10 57	0 38	21 11	0 17	22 42	22 35	18 40	12 45	0 41
F 14	18 15	6 45	3 54	14 40	1 10	17 10	0 43	10 27	0 42	10 57	1 28	19 4	2 10	2 37	0 47	10 57	0 38	21 11	0 17	22 43	22 35	18 37	12 44	0 41
S 15	18 31	0 57	4 35	14 9	1 26	17 32	0 41	10 42	0 42	10 54	1 27	19 4	2 10	2 37	0 47	10 57	0 38	21 11	0 17	22 43	22 36	18 35	12 43	0 41
S 16	18 46	4s49	5 0	13 43	1 40	17 53	0 39	10 56	0 41	10 52	1 27	19 3	2 10	2 37	0 47	10 57	0 38	21 11	0 17	22 43	22 36	18 33	12 42	0 41
M17	19 0	10 17	5 7	13 22	1 52	18 14	0 36	11 10	0 41	10 50	1 27	19 2	2 10	2 38	0 47	10 57	0 38	21 11	0 17	22 44	22 36	18 31	12 41	0 42
T 18	19 15	15 12	4 58	13 7	2 2	18 34	0 34	11 24	0 41	10 48	1 27	19 1	2 10	2 38	0 47	10 57	0 38	21 11	0 16	22 45	22 37	18 28	12 40	0 42
W19	19 29	19 19	4 33	12 57	2 11	18 54	0 32	11 38	0 40	10 46	1 27	19 0	2 10	2 38	0 46	10 57	0 38	21 12	0 16	22 46	22 37	18 26	12 39	0 42
T 20	19 42	22 26	3 55	12 52	2 17	19 13	0 30	11 52	0 40	10 44	1 26	18 59	2 10	2 38	0 46	10 57	0 38	21 12	0 16	22 46	22 37	18 24	12 38	0 42
F 21	19 56	24 22	3 5	12 53	2 22	19 32	0 28	12 6	0 39	10 42	1 26	18 59	2 10	2 39	0 46	10 57	0 38	21 12	0 16	22 47	22 38	18 22	12 37	0 42
S 22	20 9	25 3	2 8	12 57	2 25	19 50	0 25	12 20	0 39	10 40	1 26	18 58	2 9	2 39	0 46	10 57	0 38	21 12	0 16	22 48	22 38	18 19	12 36	0 42
S 23	20 21	24 30	1 5	13 6	2 26	20 8	0 23	12 33	0 38	10 38	1 26	18 57	2 9	2 39	0 46	10 57	0 38	21 12	0 16	22 48	22 38	18 17	12 36	0 42
M24	20 34	22 48	0n 0	13 18	2 27	20 25	0 21	12 47	0 38	10 36	1 26	18 56	2 9	2 39	0 46	10 57	0 38	21 12	0 16	22 48	22 39	18 15	12 35	0 42
T 25	20 45	20 7	1 4	13 34	2 26	20 41	0 18	13 0	0 38	10 34	1 25	18 55	2 9	2 39	0 46	10 56	0 38	21 13	0 16	22 48	22 39	18 12	12 34	0 42
W26	20 57	16 36	2 6	13 52	2 24	20 57	0 16	13 14	0 37	10 33	1 25	18 54	2 9	2 39	0 46	10 56	0 38	21 13	0 16	22 48	22 39	18 10	12 33	0 42
T 27	21 8	12 27	3 1	14 12	2 21	21 12	0 14	13 27	0 37	10 31	1 25	18 54	2 9	2 40	0 46	10 56	0 38	21 13	0 16	22 48	22 40	18 8	12 32	0 42
F 28	21 19	7 49	3 50	14 34	2 18	21 27	0 11	13 40	0 36	10 29	1 25	18 53	2 9	2 40	0 46	10 56	0 38	21 13	0 16	22 47	22 40	18 6	12 31	0 42
S 29	21 29	2 49	4 29	14 57	2 13	21 41	0 9	13 53	0 36	10 28	1 24	18 52	2 9	2 40	0 46	10 56	0 38	21 13	0 16	22 47	22 40	18 3	12 30	0 42
S 30	21s39	2n22	4n57	15s21	2n 9	21s55	0n 7	14s 6	0n35	10n26	1s24	18n51	2s 9	2s40	0s46	10s56	0s38	21n14	0s16	22s48	22s41	18s 1	12n29	0s42

Julian Day Number = 2516497.5, Delta T = 142.87 sec
Ecliptic obliquity = 23°25'01, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°13'31, Lahiri = 26°20'32

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2177
geocentric

DECEMBER 2177 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 41 11	9♐ 9'54	7♈10	20♏ 7	11♐52	10♏14	0°R45	4°R 7	25°R 4	3♓11	22°R49	12°R50	13♑59	2♒32	4°R54	M 1
T 2	4 45 7	10°10'38	20°12	21°25	13° 8	10°54	0♉40	4♊ 2	25♓ 4	3°11	22♋48	12♑46	13°56	2°39	4♉52	T 2
W 3	4 49 4	11°11'23	3♉39	22°45	14°23	11°34	0°36	3°58	25° 4	3°12	22°47	12°41	13°53	2°45	4°50	W 3
T 4	4 53 1	12°12'10	17°31	24° 7	15°39	12°14	0°31	3°53	25°D 4	3°13	22°47	12°36	13°50	2°52	4°48	T 4
F 5	4 56 57	13°12'58	1♊46	25°31	16°54	12°54	0°27	3°48	25° 4	3°13	22°46	12°32	13°47	2°59	4°46	F 5
S 6	5 0 54	14°13'47	16°19	26°56	18° 9	13°33	0°24	3°43	25° 4	3°14	22°45	12°28	13°43	3° 5	4°43	S 6
S 7	5 4 50	15°14'36	1♋ 3	28°22	19°25	14°13	0°20	3°38	25° 4	3°15	22°44	12°26	13°40	3°12	4°41	S 7
M 8	5 8 47	16°15'28	15°52	29°49	20°40	14°53	0°16	3°34	25° 4	3°16	22°43	12°D26	13°37	3°19	4°39	M 8
T 9	5 12 43	17°16'20	0♌37	1♐17	21°56	15°33	0°13	3°29	25° 4	3°17	22°42	12°27	13°34	3°25	4°37	T 9
W10	5 16 40	18°17'13	15°13	2°46	23°11	16°13	0°10	3°24	25° 5	3°17	22°41	12°28	13°31	3°32	4°36	W10
T 11	5 20 36	19°18'08	29°36	4°15	24°26	16°53	0° 7	3°20	25° 5	3°18	22°40	12°30	13°27	3°39	4°34	T 11
F 12	5 24 33	20°19'04	13♍43	5°45	25°42	17°33	0° 4	3°15	25° 5	3°19	22°39	12°31	13°24	3°45	4°32	F 12
S 13	5 28 30	21°20'01	27°32	7°15	26°57	18°13	0° 2	3°10	25° 6	3°20	22°38	12°R31	13°21	3°52	4°30	S 13
S 14	5 32 26	22°20'59	11♎ 4	8°46	28°13	18°53	29♈59	3° 6	25° 6	3°21	22°37	12°30	13°18	3°59	4°28	S 14
M15	5 36 23	23°21'59	24°19	10°17	29°28	19°34	29°57	3° 2	25° 7	3°22	22°35	12°28	13°15	4° 5	4°27	M15
T 16	5 40 19	24°22'59	7♏20	11°48	0♑44	20°14	29°55	2°57	25° 7	3°23	22°34	12°25	13°12	4°12	4°25	T 16
W17	5 44 16	25°24'01	20° 6	13°19	1°59	20°54	29°54	2°53	25° 8	3°24	22°33	12°22	13° 8	4°19	4°23	W17
T 18	5 48 12	26°25'03	2♐39	14°51	3°14	21°34	29°52	2°48	25° 9	3°25	22°32	12°20	13° 5	4°25	4°22	T 18
F 19	5 52 9	27°26'07	15° 1	16°23	4°30	22°14	29°51	2°44	25° 9	3°27	22°31	12°18	13° 2	4°32	4°20	F 19
S 20	5 56 6	28°27'11	27°12	17°55	5°45	22°54	29°50	2°40	25°10	3°28	22°30	12°16	12°59	4°39	4°19	S 20
S 21	6 0 2	29°28'16	9♑14	19°27	7° 1	23°35	29°49	2°36	25°11	3°29	22°29	12°D16	12°56	4°45	4°18	S 21
M22	6 3 59	0♑29'21	21° 8	21° 0	8°16	24°15	29°48	2°32	25°12	3°30	22°28	12°16	12°53	4°52	4°16	M22
T 23	6 7 55	1°30'27	2♒58	22°32	9°32	24°55	29°48	2°28	25°13	3°32	22°26	12°17	12°49	4°58	4°15	T 23
W24	6 11 52	2°31'33	14°45	24° 5	10°47	25°36	29°48	2°24	25°14	3°33	22°25	12°18	12°46	5° 5	4°14	W24
T 25	6 15 48	3°32'39	26°33	25°38	12° 2	26°16	29°D48	2°20	25°15	3°34	22°24	12°19	12°43	5°12	4°13	T 25
F 26	6 19 45	4°33'46	8♓26	27°12	13°18	26°56	29°48	2°16	25°16	3°36	22°23	12°20	12°40	5°18	4°12	F 26
S 27	6 23 41	5°34'53	20°27	28°45	14°33	27°37	29°48	2°13	25°17	3°37	22°22	12°20	12°37	5°25	4°10	S 27
S 28	6 27 38	6°36'00	2♈42	0♑19	15°49	28°17	29°49	2° 9	25°18	3°38	22°20	12°R21	12°33	5°32	4°10	S 28
M29	6 31 35	7°37'07	15°15	1°53	17° 4	28°57	29°50	2° 6	25°20	3°40	22°19	12°21	12°30	5°38	4° 9	M29
T 30	6 35 31	8°38'14	28°10	3°27	18°19	29°38	29°51	2° 2	25°21	3°41	22°18	12°20	12°27	5°45	4° 8	T 30
W31	6 39 28	9♑39'21	11♉30	5♑ 1	19♑35	0♐18	29♈52	1♊59	25♓22	3♓43	22♋17	12♑20	12♑24	5♒52	4♉ 7	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21s48	7n36	5n11	15s47	2n 3	22s 7	0n 4	14s19	0n35	10n25	1s24	18n50	2s 9	2s40	0s46	10s55	0s38	21n14	0s16	22s48	22s41	17s59	12n29	0s42
T 2	21 57	12 40	5 10	16 13	1 57	22 19	0 2	14 32	0 34	10 23	1 23	18 50	2 9	2 40	0 46	10 55	0 38	21 14	0 16	22 48	22 41	17 56	12 28	0 43
W 3	22 6	17 18	4 52	16 39	1 51	22 31	0s 1	14 45	0 34	10 22	1 23	18 49	2 9	2 40	0 46	10 55	0 38	21 14	0 16	22 49	22 42	17 54	12 27	0 43
T 4	22 14	21 9	4 17	17 5	1 45	22 42	0 3	14 58	0 33	10 21	1 23	18 48	2 9	2 40	0 46	10 55	0 38	21 14	0 16	22 49	22 42	17 52	12 26	0 43
F 5	22 22	23 50	3 25	17 32	1 38	22 52	0 5	15 10	0 33	10 20	1 23	18 47	2 8	2 40	0 46	10 54	0 38	21 15	0 15	22 50	22 42	17 49	12 26	0 43
S 6	22 29	25 1	2 19	17 58	1 31	23 1	0 8	15 23	0 32	10 19	1 22	18 46	2 8	2 40	0 46	10 54	0 38	21 15	0 15	22 50	22 43	17 47	12 25	0 43
S 7	22 36	24 27	1 2	18 24	1 24	23 10	0 10	15 35	0 32	10 18	1 22	18 46	2 8	2 40	0 46	10 54	0 38	21 15	0 15	22 50	22 43	17 45	12 24	0 43
M 8	22 42	22 10	0s19	18 50	1 17	23 18	0 13	15 47	0 31	10 17	1 22	18 45	2 8	2 39	0 46	10 53	0 38	21 15	0 15	22 50	22 43	17 42	12 23	0 43
T 9	22 48	18 24	1 39	19 15	1 10	23 25	0 15	15 59	0 31	10 16	1 22	18 44	2 8	2 39	0 46	10 53	0 38	21 15	0 15	22 50	22 44	17 40	12 23	0 43
W10	22 54	13 32	2 51	19 40	1 3	23 32	0 17	16 11	0 30	10 15	1 21	18 43	2 8	2 39	0 46	10 53	0 38	21 16	0 15	22 50	22 44	17 38	12 22	0 43
T 11	22 59	7 59	3 51	20 4	0 55	23 38	0 20	16 23	0 30	10 14	1 21	18 43	2 8	2 39	0 46	10 53	0 38	21 16	0 15	22 50	22 44	17 35	12 21	0 43
F 12	23 4	2 8	4 37	20 28	0 48	23 43	0 22	16 35	0 29	10 14	1 21	18 42	2 7	2 39	0 46	10 52	0 38	21 16	0 15	22 50	22 45	17 33	12 21	0 43
S 13	23 8	3s41	5 5	20 50	0 40	23 47	0 24	16 47	0 29	10 13	1 20	18 41	2 7	2 39	0 45	10 52	0 38	21 16	0 15	22 50	22 45	17 31	12 20	0 43
S 14	23 12	9 13	5 16	21 12	0 33	23 51	0 27	16 58	0 28	10 13	1 20	18 41	2 7	2 38	0 45	10 51	0 38	21 17	0 15	22 50	22 45	17 28	12 19	0 43
M15	23 15	14 12	5 9	21 33	0 26	23 54	0 29	17 10	0 28	10 12	1 20	18 40	2 7	2 38	0 45	10 51	0 38	21 17	0 15	22 50	22 45	17 26	12 19	0 43
T 16	23 18	18 27	4 46	21 53	0 18	23 56	0 31	17 21	0 27	10 12	1 19	18 39	2 7	2 38	0 45	10 51	0 38	21 17	0 15	22 50	22 46	17 24	12 18	0 43
W17	23 20	21 46	4 10	22 12	0 11	23 58	0 34	17 32	0 27	10 11	1 19	18 39	2 7	2 38	0 45	10 50	0 38	21 17	0 15	22 50	22 46	17 21	12 18	0 43
T 18	23 22	23 58	3 22	22 29	0 4	23 58	0 36	17 43	0 26	10 11	1 19	18 38	2 7	2 37	0 45	10 50	0 38	21 18	0 15	22 51	22 46	17 19	12 17	0 43
F 19	23 24	24 59	2 25	22 46	0s 3	23 59	0 38	17 54	0 26	10 11	1 19	18 37	2 6	2 37	0 45	10 49	0 38	21 18	0 15	22 51	22 47	17 16	12 16	0 43
S 20	23 24	24 46	1 23	23 2	0 10	23 58	0 40	18 5	0 25	10 11	1 18	18 37	2 6	2 37	0 45	10 49	0 38	21 18	0 15	22 51	22 47	17 14	12 16	0 43
S 21	23 25	23 23	0 17	23 17	0 17	23 56	0 42	18 15	0 25	10 11	1 18	18 36	2 6	2 36	0 45	10 49	0 38	21 18	0 15	22 51	22 47	17 12	12 15	0 43
M22	23 25	20 57	0n49	23 30	0 24	23 54	0 45	18 26	0 24	10 11	1 18	18 35	2 6	2 36	0 45	10 48	0 38	21 19	0 14	22 51	22 48	17 9	12 15	0 44
T 23	23 24	17 39	1 52	23 43	0 30	23 51	0 47	18 36	0 23	10 11	1 17	18 35	2 6	2 35	0 45	10 48	0 38	21 19	0 14	22 51	22 48	17 7	12 14	0 44
W24	23 24	13 40	2 51	23 54	0 37	23 47	0 49	18 46	0 23	10 11	1 17	18 34	2 5	2 35	0 45	10 47	0 38	21 19	0 14	22 51	22 48	17 5	12 14	0 44
T 25	23 22	9 10	3 42	24 4	0 43	23 43	0 51	18 56	0 22	10 12	1 17	18 34	2 5	2 34	0 45	10 47	0 38	21 19	0 14	22 51	22 49	17 2	12 14	0 44
F 26	23 20	4 19	4 24	24 13	0 49	23 38	0 53	19 6	0 22	10 12	1 16	18 33	2 5	2 34	0 45	10 46	0 38	21 20	0 14	22 51	22 49	17 0	12 13	0 44
S 27	23 18	0n45	4 55	24 20	0 56	23 32	0 55	19 16	0 21	10 12	1 16	18 33	2 5	2 34	0 45	10 46	0 38	21 20	0 14	22 51	22 49	16 57	12 13	0 44
S 28	23 15	5 52	5 13	24 26	1 1	23 25	0 57	19 25	0 21	10 13	1 16	18 32	2 5	2 33	0 45	10 45	0 38	21 20	0 14	22 51	22 49	16 55	12 12	0 44
M29	23 12	10 53	5 18	24 31	1 7	23 18	0 59	19 35	0 20	10 13	1 15	18 32	2 4	2 32	0 45	10 45	0 38	21 20	0 14	22 51	22 50	16 53	12 12	0 44
T 30	23 8	15 34	5 6	24 35	1 13	23 10	1 1	19 44	0 19	10 14	1 15	18 31	2 4	2 32	0 45	10 44	0 38	21 21	0 14	22 51	22 50	16 50	12 12	0 44
W31	23s 4	19n40	4n38	24s37	1s18	23s 1	1s 2	19s53	0n19	10n15	1s15	18n31	2s 4	2s31	0s45	10s43	0s38	21n21	0s14	22s51	22s50	16s48	12n11	0s44

Julian Day Number = 2516527.5, Delta T = 142.93 sec
Ecliptic obliquity = 23°25'00, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°13'35, Lahiri = 26°20'36

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2178
geocentric

JANUARY 2178 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 43 24	10♑40'28	25♉18	6♑36	20♑50	0♐59	29♈53	1°R56	25♓24	3♓44	22°R15	12°R20	12♑21	5♒58	4°R 6	T 1
F 2	6 47 21	11°41'35	9♊33	8°11	22° 6	1°39	29°55	1♊52	25°25	3°46	22♋14	12♑20	12°18	6° 5	4♉ 5	F 2
S 3	6 51 17	12°42'42	24°11	9°46	23°21	2°20	29°57	1°49	25°27	3°47	22°13	12°D20	12°14	6°12	4° 5	S 3
S 4	6 55 14	13°43'50	9♋ 9	11°22	24°36	3° 0	29°59	1°46	25°28	3°49	22°12	12°R20	12°11	6°18	4° 4	S 4
M 5	6 59 10	14°44'57	24°16	12°58	25°52	3°41	0♉ 1	1°43	25°30	3°51	22°10	12°20	12° 8	6°25	4° 4	M 5
T 6	7 3 7	15°46'04	9♌25	14°34	27° 7	4°22	0° 4	1°41	25°31	3°52	22° 9	12°19	12° 5	6°32	4° 3	T 6
W 7	7 7 4	16°47'12	24°26	16°11	28°22	5° 2	0° 6	1°38	25°33	3°54	22° 8	12°19	12° 2	6°38	4° 3	W 7
T 8	7 11 0	17°48'19	9♍12	17°48	29°38	5°43	0° 9	1°35	25°35	3°56	22° 7	12°18	11°59	6°45	4° 2	T 8
F 9	7 14 57	18°49'27	23°35	19°25	0♒53	6°23	0°12	1°33	25°36	3°57	22° 5	12°18	11°55	6°52	4° 2	F 9
S 10	7 18 53	19°50'35	7♎35	21° 3	2° 8	7° 4	0°16	1°30	25°38	3°59	22° 4	12°17	11°52	6°58	4° 2	S 10
S 11	7 22 50	20°51'43	21° 9	22°41	3°23	7°45	0°19	1°28	25°40	4° 1	22° 3	12°D17	11°49	7° 5	4° 2	S 11
M12	7 26 46	21°52'51	4♏20	24°20	4°39	8°26	0°23	1°26	25°42	4° 3	22° 1	12°17	11°46	7°12	4° 2	M12
T 13	7 30 43	22°53'59	17°10	25°59	5°54	9° 6	0°26	1°24	25°44	4° 4	22° 0	12°18	11°43	7°18	4°D 2	T 13
W14	7 34 39	23°55'07	29°42	27°38	7° 9	9°47	0°30	1°21	25°46	4° 6	21°59	12°19	11°39	7°25	4° 2	W14
T 15	7 38 36	24°56'16	12♐ 0	29°18	8°25	10°28	0°35	1°20	25°48	4° 8	21°58	12°20	11°36	7°32	4° 2	T 15
F 16	7 42 33	25°57'24	24° 7	0♒58	9°40	11° 9	0°39	1°18	25°50	4°10	21°56	12°21	11°33	7°38	4° 2	F 16
S 17	7 46 29	26°58'32	6♑ 6	2°39	10°55	11°50	0°44	1°16	25°52	4°12	21°55	12°22	11°30	7°45	4° 2	S 17
S 18	7 50 26	27°59'39	17°59	4°20	12°10	12°31	0°48	1°14	25°54	4°14	21°54	12°R22	11°27	7°52	4° 2	S 18
M19	7 54 22	29° 0'46	29°48	6° 1	13°26	13°12	0°53	1°13	25°56	4°16	21°53	12°21	11°24	7°58	4° 2	M19
T 20	7 58 19	0♒ 1'53	11♒36	7°43	14°41	13°52	0°59	1°12	25°59	4°18	21°51	12°19	11°20	8° 5	4° 3	T 20
W21	8 2 15	1° 2'59	23°25	9°25	15°56	14°33	1° 4	1°10	26° 1	4°20	21°50	12°17	11°17	8°12	4° 3	W21
T 22	8 6 12	2° 4'05	5♓17	11° 7	17°11	15°14	1° 9	1° 9	26° 3	4°22	21°49	12°13	11°14	8°18	4° 4	T 22
F 23	8 10 8	3° 5'09	17°13	12°50	18°26	15°55	1°15	1° 8	26° 6	4°24	21°47	12°10	11°11	8°25	4° 4	F 23
S 24	8 14 5	4° 6'13	29°18	14°32	19°42	16°36	1°21	1° 7	26° 8	4°26	21°46	12° 7	11° 8	8°32	4° 5	S 24
S 25	8 18 2	5° 7'16	11♈33	16°14	20°57	17°17	1°27	1° 6	26°10	4°28	21°45	12° 4	11° 5	8°38	4° 6	S 25
M26	8 21 58	6° 8'18	24° 3	17°56	22°12	17°58	1°33	1° 6	26°13	4°30	21°44	12° 2	11° 1	8°45	4° 6	M26
T 27	8 25 55	7° 9'19	6♉52	19°38	23°27	18°39	1°40	1° 5	26°15	4°32	21°42	12°D 1	10°58	8°52	4° 7	T 27
W28	8 29 51	8°10'19	20° 2	21°19	24°42	19°21	1°46	1° 4	26°18	4°34	21°41	12° 2	10°55	8°58	4° 8	W28
T 29	8 33 48	9°11'18	3♊37	22°59	25°57	20° 2	1°53	1° 4	26°20	4°36	21°40	12° 3	10°52	9° 5	4° 9	T 29
F 30	8 37 44	10°12'16	17°39	24°39	27°12	20°43	2° 0	1° 4	26°23	4°38	21°39	12° 5	10°49	9°12	4°10	F 30
S 31	8 41 41	11♒13'13	2♋ 7	26♒16	28♒27	21♐24	2♉ 7	1♊ 4	26♓26	4♓40	21♋38	12♑ 6	10♑45	9♒18	4♉11	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s59	22n50	3n53	24s38	1s23	22s52	1s 4	20s 2	0n18	10n16	1s15	18n30	2s 4	2s31	0s45	10s43	0s38	21n21	0s14	22s51	22s51	16s45	12n11	0s44
F 2	22 54	24 42	2 53	24 37	1 28	22 41	1 6	20 11	0 18	10 16	1 14	18 30	2 3	2 30	0 45	10 42	0 38	21 21	0 14	22 51	22 51	16 43	12 11	0 44
S 3	22 49	24 57	1 39	24 36	1 32	22 31	1 8	20 20	0 17	10 17	1 14	18 30	2 3	2 30	0 45	10 42	0 38	21 22	0 14	22 51	22 51	16 41	12 11	0 44
S 4	22 43	23 24	0 18	24 32	1 37	22 19	1 9	20 28	0 16	10 18	1 14	18 29	2 3	2 29	0 45	10 41	0 38	21 22	0 14	22 51	22 52	16 38	12 10	0 44
M 5	22 36	20 9	1s 6	24 28	1 41	22 7	1 11	20 37	0 16	10 19	1 13	18 29	2 3	2 28	0 45	10 41	0 38	21 22	0 14	22 51	22 52	16 36	12 10	0 44
T 6	22 29	15 33	2 25	24 21	1 45	21 54	1 12	20 45	0 15	10 21	1 13	18 29	2 3	2 28	0 45	10 40	0 38	21 22	0 14	22 51	22 52	16 33	12 10	0 44
W 7	22 22	10 0	3 34	24 14	1 48	21 40	1 14	20 53	0 15	10 22	1 13	18 28	2 2	2 27	0 45	10 39	0 38	21 23	0 13	22 51	22 52	16 31	12 10	0 44
T 8	22 14	4 0	4 26	24 5	1 52	21 26	1 15	21 1	0 14	10 23	1 12	18 28	2 2	2 26	0 44	10 39	0 38	21 23	0 13	22 51	22 53	16 29	12 10	0 44
F 9	22 6	2s 4	5 1	23 54	1 55	21 11	1 17	21 8	0 13	10 24	1 12	18 28	2 2	2 25	0 44	10 38	0 38	21 23	0 13	22 51	22 53	16 26	12 9	0 44
S 10	21 57	7 51	5 17	23 42	1 58	20 56	1 18	21 16	0 13	10 26	1 12	18 27	2 2	2 25	0 44	10 37	0 38	21 24	0 13	22 51	22 53	16 24	12 9	0 44
S 11	21 48	13 6	5 14	23 29	2 0	20 40	1 19	21 23	0 12	10 27	1 11	18 27	2 1	2 24	0 44	10 37	0 38	21 24	0 13	22 51	22 54	16 21	12 9	0 44
M12	21 38	17 34	4 55	23 14	2 2	20 23	1 20	21 30	0 11	10 29	1 11	18 27	2 1	2 23	0 44	10 36	0 38	21 24	0 13	22 51	22 54	16 19	12 9	0 44
T 13	21 28	21 7	4 21	22 57	2 4	20 6	1 22	21 37	0 11	10 31	1 11	18 27	2 1	2 22	0 44	10 36	0 38	21 24	0 13	22 51	22 54	16 16	12 9	0 44
W14	21 18	23 34	3 35	22 39	2 5	19 48	1 23	21 44	0 10	10 32	1 11	18 27	2 1	2 22	0 44	10 35	0 38	21 25	0 13	22 51	22 54	16 14	12 9	0 44
T 15	21 7	24 52	2 41	22 20	2 6	19 30	1 24	21 51	0 9	10 34	1 10	18 27	2 0	2 21	0 44	10 34	0 38	21 25	0 13	22 51	22 55	16 11	12 9	0 45
F 16	20 56	24 57	1 40	21 59	2 7	19 11	1 25	21 57	0 9	10 36	1 10	18 26	2 0	2 20	0 44	10 33	0 38	21 25	0 13	22 51	22 55	16 9	12 9	0 45
S 17	20 45	23 51	0 35	21 36	2 7	18 51	1 26	22 3	0 8	10 38	1 10	18 26	2 0	2 19	0 44	10 33	0 38	21 25	0 13	22 51	22 55	16 7	12 9	0 45
S 18	20 33	21 42	0n31	21 12	2 6	18 31	1 27	22 9	0 7	10 40	1 9	18 26	1 59	2 18	0 44	10 32	0 38	21 26	0 13	22 51	22 55	16 4	12 9	0 45
M19	20 20	18 37	1 35	20 47	2 6	18 10	1 27	22 15	0 7	10 42	1 9	18 26	1 59	2 17	0 44	10 31	0 38	21 26	0 13	22 51	22 56	16 2	12 9	0 45
T 20	20 7	14 48	2 35	20 19	2 4	17 49	1 28	22 21	0 6	10 44	1 9	18 26	1 59	2 16	0 44	10 31	0 38	21 26	0 13	22 51	22 56	15 59	12 9	0 45
W21	19 54	10 26	3 28	19 51	2 2	17 27	1 29	22 26	0 5	10 46	1 8	18 26	1 59	2 15	0 44	10 30	0 38	21 26	0 13	22 51	22 56	15 57	12 9	0 45
T 22	19 41	5 39	4 12	19 21	2 0	17 5	1 29	22 32	0 4	10 48	1 8	18 26	1 58	2 14	0 44	10 29	0 38	21 27	0 13	22 51	22 57	15 54	12 10	0 45
F 23	19 27	0 39	4 46	18 49	1 57	16 43	1 30	22 37	0 4	10 50	1 8	18 26	1 58	2 13	0 44	10 29	0 38	21 27	0 12	22 52	22 57	15 52	12 10	0 45
S 24	19 13	4n25	5 7	18 16	1 54	16 20	1 30	22 42	0 3	10 52	1 8	18 26	1 58	2 12	0 44	10 28	0 38	21 27	0 12	22 52	22 57	15 49	12 10	0 45
S 25	18 58	9 24	5 15	17 42	1 50	15 56	1 31	22 46	0 2	10 55	1 7	18 27	1 58	2 11	0 44	10 27	0 38	21 28	0 12	22 52	22 57	15 47	12 10	0 45
M26	18 43	14 5	5 8	17 6	1 45	15 32	1 31	22 51	0 2	10 57	1 7	18 27	1 57	2 10	0 44	10 26	0 38	21 28	0 12	22 52	22 58	15 44	12 10	0 45
T 27	18 28	18 17	4 46	16 30	1 40	15 8	1 32	22 55	0 1	11 0	1 7	18 27	1 57	2 9	0 44	10 26	0 38	21 28	0 12	22 52	22 58	15 42	12 10	0 45
W28	18 12	21 43	4 8	15 52	1 34	14 43	1 32	22 59	0 0	11 2	1 7	18 27	1 57	2 8	0 44	10 25	0 38	21 28	0 12	22 52	22 58	15 39	12 11	0 45
T 29	17 56	24 4	3 16	15 13	1 27	14 18	1 32	23 3	0s 1	11 5	1 6	18 27	1 57	2 7	0 44	10 24	0 38	21 29	0 12	22 52	22 58	15 37	12 11	0 45
F 30	17 40	25 0	2 10	14 33	1 19	13 52	1 32	23 7	0 1	11 7	1 6	18 27	1 56	2 6	0 44	10 23	0 38	21 29	0 12	22 52	22 59	15 34	12 11	0 45
S 31	17s24	24n19	0n55	13s52	1s11	13s26	1s32	23s10	0s 2	11n10	1s 6	18n28	1s56	2s 5	0s44	10s22	0s38	21n29	0s12	22s52	22s59	15s32	12n12	0s45

Julian Day Number = 2516558.5, Delta T = 143.01 sec
Ecliptic obliquity = 23°25'00, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°13'40, Lahiri = 26°20'40

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2178
geocentric

FEBRUARY 2178 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 45 37	12♒14'08	16♋58	27♒53	29♒42	22♐ 5	2♉14	1°D 4	26♓28	4♓42	21°R36	12°R 6	10♑42	9♒25	4♉12	S 1
M 2	8 49 34	13°15'03	2♌ 7	29°26	0♓57	22°46	2°21	1♊ 4	26°31	4°45	21♋35	12♑ 5	10°39	9°32	4°13	M 2
T 3	8 53 31	14°15'56	17°24	0♓58	2°12	23°28	2°29	1° 4	26°34	4°47	21°34	12° 2	10°36	9°38	4°14	T 3
W 4	8 57 27	15°16'49	2♍38	2°26	3°27	24° 9	2°36	1° 4	26°36	4°49	21°33	11°58	10°33	9°45	4°15	W 4
T 5	9 1 24	16°17'40	17°41	3°50	4°42	24°50	2°44	1° 5	26°39	4°51	21°32	11°53	10°30	9°52	4°17	T 5
F 6	9 5 20	17°18'31	2♎22	5°10	5°57	25°31	2°52	1° 5	26°42	4°53	21°31	11°47	10°26	9°58	4°18	F 6
S 7	9 9 17	18°19'21	16°37	6°24	7°12	26°13	3° 0	1° 6	26°45	4°55	21°29	11°43	10°23	10° 5	4°19	S 7
S 8	9 13 13	19°20'09	0♏22	7°33	8°27	26°54	3° 8	1° 7	26°48	4°58	21°28	11°39	10°20	10°12	4°21	S 8
M 9	9 17 10	20°20'57	13°38	8°35	9°42	27°35	3°17	1° 7	26°51	5° 0	21°27	11°38	10°17	10°18	4°22	M 9
T 10	9 21 6	21°21'45	26°29	9°30	10°56	28°17	3°25	1° 8	26°54	5° 2	21°26	11°D37	10°14	10°25	4°24	T 10
W11	9 25 3	22°22'31	8♐58	10°16	12°11	28°58	3°34	1°10	26°56	5° 4	21°25	11°39	10°11	10°32	4°26	W11
T 12	9 29 0	23°23'16	21° 9	10°54	13°26	29°39	3°43	1°11	26°59	5° 7	21°24	11°40	10° 7	10°38	4°27	T 12
F 13	9 32 56	24°24'00	3♑ 9	11°22	14°41	0♑21	3°52	1°12	27° 2	5° 9	21°23	11°42	10° 4	10°45	4°29	F 13
S 14	9 36 53	25°24'44	15° 0	11°40	15°55	1° 2	4° 1	1°13	27° 5	5°11	21°22	11°R42	10° 1	10°52	4°31	S 14
S 15	9 40 49	26°25'26	26°48	11°R47	17°10	1°44	4°10	1°15	27° 9	5°13	21°21	11°40	9°58	10°58	4°33	S 15
M16	9 44 46	27°26'06	8♒35	11°44	18°25	2°25	4°19	1°17	27°12	5°16	21°20	11°37	9°55	11° 5	4°34	M16
T 17	9 48 42	28°26'46	20°24	11°30	19°39	3° 7	4°29	1°18	27°15	5°18	21°19	11°31	9°51	11°11	4°36	T 17
W18	9 52 39	29°27'24	2♓17	11° 6	20°54	3°48	4°38	1°20	27°18	5°20	21°18	11°23	9°48	11°18	4°38	W18
T 19	9 56 35	0♓28'00	14°16	10°32	22° 9	4°30	4°48	1°22	27°21	5°22	21°17	11°14	9°45	11°25	4°40	T 19
F 20	10 0 32	1°28'35	26°22	9°50	23°23	5°12	4°58	1°24	27°24	5°25	21°16	11° 3	9°42	11°31	4°43	F 20
S 21	10 4 29	2°29'08	8♈36	8°59	24°38	5°53	5° 8	1°27	27°27	5°27	21°15	10°54	9°39	11°38	4°45	S 21
S 22	10 8 25	3°29'40	21° 0	8° 2	25°52	6°35	5°18	1°29	27°30	5°29	21°14	10°45	9°36	11°45	4°47	S 22
M23	10 12 22	4°30'10	3♉36	7° 1	27° 7	7°16	5°28	1°31	27°34	5°32	21°13	10°38	9°32	11°51	4°49	M23
T 24	10 16 18	5°30'38	16°26	5°56	28°21	7°58	5°39	1°34	27°37	5°34	21°12	10°34	9°29	11°58	4°51	T 24
W25	10 20 15	6°31'04	29°32	4°49	29°35	8°40	5°49	1°36	27°40	5°36	21°12	10°32	9°26	12° 5	4°54	W25
T 26	10 24 11	7°31'29	12♊58	3°43	0♈50	9°21	5°59	1°39	27°43	5°38	21°11	10°D32	9°23	12°11	4°56	T 26
F 27	10 28 8	8°31'52	26°46	2°39	2° 4	10° 3	6°10	1°42	27°47	5°41	21°10	10°33	9°20	12°18	4°58	F 27
S 28	10 32 4	9♓32'12	10♋57	1♓37	3♈18	10♑45	6♉21	1♊45	27♓50	5♓43	21♋ 9	10°R33	9♑17	12♒25	5♉ 1	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s 7	21n54	0s27	13s10	1s 2	13s 0	1s32	23s14	0s 3	11n13	1s 5	18n28	1s56	2s 4	0s44	10s22	0s38	21n29	0s12	22s52	22s59	15s29	12n12	0s45
M 2	16 50	17 55	1 48	12 28	0 52	12 33	1 32	23 17	0 4	11 16	1 5	18 28	1 55	2 3	0 44	10 21	0 38	21 30	0 12	22 52	22 59	15 27	12 12	0 45
T 3	16 32	12 44	3 1	11 46	0 42	12 6	1 32	23 20	0 5	11 18	1 5	18 28	1 55	2 2	0 44	10 20	0 38	21 30	0 12	22 52	23 0	15 24	12 13	0 45
W 4	16 14	6 46	4 2	11 4	0 30	11 39	1 31	23 23	0 5	11 21	1 5	18 29	1 55	2 1	0 44	10 19	0 38	21 30	0 12	22 53	23 0	15 22	12 13	0 45
T 5	15 56	0 30	4 45	10 22	0 18	11 11	1 31	23 25	0 6	11 24	1 4	18 29	1 55	2 0	0 44	10 19	0 38	21 30	0 12	22 53	23 0	15 19	12 13	0 45
F 6	15 38	5s39	5 8	9 41	0 5	10 44	1 31	23 27	0 7	11 27	1 4	18 30	1 54	1 59	0 44	10 18	0 38	21 31	0 12	22 54	23 0	15 17	12 14	0 45
S 7	15 19	11 18	5 11	9 1	0n 9	10 15	1 30	23 29	0 8	11 30	1 4	18 30	1 54	1 57	0 44	10 17	0 38	21 31	0 11	22 54	23 1	15 14	12 14	0 45
S 8	15 1	16 12	4 55	8 22	0 24	9 47	1 30	23 31	0 9	11 33	1 4	18 30	1 54	1 56	0 44	10 16	0 38	21 31	0 11	22 54	23 1	15 12	12 15	0 45
M 9	14 41	20 7	4 25	7 45	0 39	9 18	1 29	23 33	0 9	11 36	1 3	18 31	1 53	1 55	0 43	10 15	0 38	21 31	0 11	22 55	23 1	15 9	12 15	0 45
T 10	14 22	22 56	3 41	7 10	0 54	8 49	1 28	23 34	0 10	11 39	1 3	18 31	1 53	1 54	0 43	10 15	0 38	21 32	0 11	22 55	23 1	15 7	12 16	0 45
W11	14 2	24 33	2 49	6 37	1 10	8 20	1 28	23 36	0 11	11 42	1 3	18 32	1 53	1 53	0 43	10 14	0 38	21 32	0 11	22 54	23 2	15 4	12 16	0 45
T 12	13 43	24 56	1 49	6 8	1 27	7 51	1 27	23 37	0 12	11 46	1 3	18 32	1 53	1 52	0 43	10 13	0 38	21 32	0 11	22 54	23 2	15 2	12 17	0 45
F 13	13 23	24 9	0 46	5 42	1 43	7 21	1 26	23 38	0 13	11 49	1 2	18 33	1 52	1 50	0 43	10 12	0 38	21 32	0 11	22 54	23 2	14 59	12 17	0 46
S 14	13 2	22 17	0n18	5 20	1 59	6 51	1 25	23 38	0 13	11 52	1 2	18 33	1 52	1 49	0 43	10 11	0 38	21 32	0 11	22 54	23 2	14 57	12 18	0 46
S 15	12 42	19 27	1 21	5 3	2 15	6 21	1 24	23 39	0 14	11 55	1 2	18 34	1 52	1 48	0 43	10 10	0 38	21 33	0 11	22 54	23 3	14 54	12 18	0 46
M16	12 21	15 50	2 20	4 50	2 31	5 51	1 23	23 39	0 15	11 59	1 2	18 35	1 52	1 47	0 43	10 10	0 38	21 33	0 11	22 55	23 3	14 52	12 19	0 46
T 17	12 0	11 37	3 14	4 41	2 45	5 21	1 22	23 39	0 16	12 2	1 1	18 35	1 51	1 45	0 43	10 9	0 38	21 33	0 11	22 55	23 3	14 49	12 20	0 46
W18	11 39	6 56	3 59	4 38	2 59	4 50	1 21	23 39	0 17	12 6	1 1	18 36	1 51	1 44	0 43	10 8	0 38	21 33	0 11	22 56	23 3	14 47	12 20	0 46
T 19	11 18	1 59	4 33	4 40	3 11	4 20	1 19	23 38	0 18	12 9	1 1	18 37	1 51	1 43	0 43	10 7	0 38	21 34	0 11	22 57	23 4	14 44	12 21	0 46
F 20	10 56	3n 5	4 56	4 46	3 21	3 49	1 18	23 38	0 19	12 13	1 1	18 37	1 50	1 42	0 43	10 6	0 38	21 34	0 11	22 57	23 4	14 42	12 22	0 46
S 21	10 35	8 5	5 6	4 57	3 30	3 18	1 16	23 37	0 20	12 16	1 1	18 38	1 50	1 40	0 43	10 5	0 38	21 34	0 11	22 58	23 4	14 39	12 22	0 46
S 22	10 13	12 50	5 1	5 12	3 37	2 47	1 15	23 36	0 20	12 20	1 0	18 39	1 50	1 39	0 43	10 5	0 38	21 34	0 10	22 59	23 4	14 37	12 23	0 46
M23	9 51	17 7	4 42	5 30	3 41	2 16	1 13	23 34	0 21	12 23	1 0	18 39	1 50	1 38	0 43	10 4	0 38	21 34	0 10	22 59	23 4	14 34	12 24	0 46
T 24	9 29	20 42	4 9	5 52	3 43	1 45	1 12	23 33	0 22	12 27	1 0	18 40	1 49	1 36	0 43	10 3	0 38	21 35	0 10	23 0	23 5	14 32	12 24	0 46
W25	9 7	23 19	3 22	6 17	3 43	1 14	1 10	23 31	0 23	12 31	1 0	18 41	1 49	1 35	0 43	10 2	0 38	21 35	0 10	23 0	23 5	14 29	12 25	0 46
T 26	8 44	24 41	2 22	6 43	3 40	0 43	1 8	23 29	0 24	12 34	0 59	18 42	1 49	1 34	0 43	10 1	0 38	21 35	0 10	23 0	23 5	14 26	12 26	0 46
F 27	8 22	24 36	1 13	7 10	3 35	0 12	1 7	23 27	0 25	12 38	0 59	18 43	1 49	1 33	0 43	10 0	0 38	21 35	0 10	23 0	23 5	14 24	12 27	0 46
S 28	7s59	22n56	0s 2	7s38	3n29	0n19	1s 5	23s25	0s26	12n42	0s59	18n43	1s48	1s31	0s43	10s 0	0s38	21n35	0s10	23s 0	23s 6	14s21	12n27	0s46

Julian Day Number = 2516589.5, Delta T = 143.08 sec
Ecliptic obliquity = 23°25'00, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°13'44, Lahiri = 26°20'44

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2178
geocentric

MARCH 2178 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 36 1	10♓32'31	25♋30	0°R40	4♈33	11♑26	6♉32	1♊48	27♓53	5♓45	21°R 8	10°R33	9♑13	12♒31	5♉ 3	S 1
M 2	10 39 58	11°32'47	10♌22	29♒49	5°47	12° 8	6°43	1°51	27°57	5°47	21♋ 8	10♑29	9°10	12°38	5° 6	M 2
T 3	10 43 54	12°33'02	25°27	29° 4	7° 1	12°50	6°54	1°54	28° 0	5°50	21° 7	10°24	9° 7	12°45	5° 9	T 3
W 4	10 47 51	13°33'15	10♍36	28°25	8°15	13°32	7° 5	1°58	28° 3	5°52	21° 6	10°15	9° 4	12°52	5°11	W 4
T 5	10 51 47	14°33'26	25°38	27°53	9°29	14°13	7°16	2° 1	28° 7	5°54	21° 5	10° 6	9° 1	12°58	5°14	T 5
F 6	10 55 44	15°33'35	10♎24	27°28	10°43	14°55	7°27	2° 5	28°10	5°57	21° 5	9°55	8°57	13° 5	5°17	F 6
S 7	10 59 40	16°33'43	24°47	27°10	11°57	15°37	7°39	2° 8	28°13	5°59	21° 4	9°46	8°54	13°12	5°19	S 7
S 8	11 3 37	17°33'49	8♏41	26°59	13°11	16°19	7°50	2°12	28°17	6° 1	21° 3	9°38	8°51	13°18	5°22	S 8
M 9	11 7 33	18°33'54	22° 5	26°D55	14°25	17° 1	8° 2	2°16	28°20	6° 3	21° 3	9°33	8°48	13°25	5°25	M 9
T 10	11 11 30	19°33'57	5♐ 2	26°57	15°39	17°43	8°14	2°20	28°23	6° 5	21° 2	9°30	8°45	13°32	5°28	T 10
W11	11 15 27	20°33'58	17°34	27° 5	16°52	18°24	8°25	2°24	28°27	6° 8	21° 2	9°D29	8°42	13°38	5°31	W11
T 12	11 19 23	21°33'58	29°47	27°19	18° 6	19° 6	8°37	2°28	28°30	6°10	21° 1	9°29	8°38	13°45	5°34	T 12
F 13	11 23 20	22°33'56	11♑46	27°39	19°20	19°48	8°49	2°32	28°34	6°12	21° 1	9°R29	8°35	13°52	5°37	F 13
S 14	11 27 16	23°33'53	23°36	28° 4	20°34	20°30	9° 1	2°36	28°37	6°14	21° 0	9°28	8°32	13°58	5°40	S 14
S 15	11 31 13	24°33'48	5♒23	28°33	21°47	21°12	9°13	2°40	28°41	6°17	21° 0	9°25	8°29	14° 5	5°43	S 15
M16	11 35 9	25°33'41	17°11	29° 7	23° 1	21°54	9°26	2°45	28°44	6°19	20°59	9°19	8°26	14°12	5°46	M16
T 17	11 39 6	26°33'32	29° 3	29°45	24°14	22°36	9°38	2°49	28°47	6°21	20°59	9°11	8°22	14°18	5°49	T 17
W18	11 43 2	27°33'22	11♓ 2	0♓28	25°28	23°18	9°50	2°54	28°51	6°23	20°58	9° 0	8°19	14°25	5°52	W18
T 19	11 46 59	28°33'10	23°11	1°14	26°41	24° 0	10° 3	2°59	28°54	6°25	20°58	8°47	8°16	14°32	5°55	T 19
F 20	11 50 56	29°32'55	5♈29	2° 3	27°55	24°42	10°15	3° 3	28°58	6°27	20°58	8°33	8°13	14°38	5°58	F 20
S 21	11 54 52	0♈32'39	17°58	2°56	29° 8	25°24	10°28	3° 8	29° 1	6°29	20°57	8°19	8°10	14°45	6° 2	S 21
S 22	11 58 49	1°32'21	0♉38	3°51	0♉21	26° 6	10°40	3°13	29° 5	6°32	20°57	8° 6	8° 7	14°52	6° 5	S 22
M23	12 2 45	2°32'00	13°29	4°50	1°34	26°48	10°53	3°18	29° 8	6°34	20°57	7°57	8° 3	14°58	6° 8	M23
T 24	12 6 42	3°31'38	26°31	5°51	2°48	27°30	11° 6	3°23	29°11	6°36	20°56	7°50	8° 0	15° 5	6°12	T 24
W25	12 10 38	4°31'13	9♊46	6°55	4° 1	28°12	11°19	3°29	29°15	6°38	20°56	7°46	7°57	15°12	6°15	W25
T 26	12 14 35	5°30'46	23°14	8° 1	5°14	28°54	11°32	3°34	29°18	6°40	20°56	7°44	7°54	15°18	6°18	T 26
F 27	12 18 31	6°30'17	6♋57	9°10	6°27	29°36	11°45	3°39	29°22	6°42	20°56	7°44	7°51	15°25	6°22	F 27
S 28	12 22 28	7°29'45	20°57	10°21	7°40	0♒19	11°58	3°45	29°25	6°44	20°56	7°44	7°48	15°32	6°25	S 28
S 29	12 26 25	8°29'11	5♌12	11°33	8°53	1° 1	12°11	3°50	29°28	6°46	20°55	7°42	7°44	15°38	6°29	S 29
M30	12 30 21	9°28'35	19°43	12°48	10° 5	1°43	12°24	3°56	29°32	6°48	20°55	7°39	7°41	15°45	6°32	M30
T 31	12 34 18	10♈27'56	4♍25	14♓ 5	11♉18	2♒25	12♉37	4♊ 1	29♓35	6♓50	20♋55	7♑32	7♑38	15♒52	6♉36	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s36	19n43	1s19	8s 6	3n20	0n50	1s 3	23s22	0s27	12n45	0s59	18n44	1s48	1s30	0s43	9s59	0s38	21n36	0s10	23s 0	23s 6	14s19	12n28	0s46
M 2	7 14	15 11	2 32	8 33	3 11	1 22	1 1	23 20	0 28	12 49	0 59	18 45	1 48	1 29	0 43	9 58	0 38	21 36	0 10	23 0	23 6	14 16	12 29	0 46
T 3	6 51	9 38	3 36	8 59	3 0	1 53	0 59	23 17	0 29	12 53	0 58	18 46	1 48	1 27	0 43	9 57	0 38	21 36	0 10	23 1	23 6	14 14	12 30	0 46
W 4	6 28	3 31	4 24	9 24	2 47	2 24	0 57	23 13	0 30	12 57	0 58	18 47	1 47	1 26	0 43	9 56	0 38	21 36	0 10	23 1	23 6	14 11	12 31	0 46
T 5	6 4	2s46	4 54	9 47	2 35	2 55	0 55	23 10	0 31	13 1	0 58	18 48	1 47	1 25	0 43	9 56	0 38	21 36	0 10	23 2	23 7	14 9	12 32	0 46
F 6	5 41	8 46	5 3	10 8	2 21	3 26	0 53	23 6	0 32	13 4	0 58	18 49	1 47	1 23	0 43	9 55	0 38	21 36	0 10	23 3	23 7	14 6	12 32	0 46
S 7	5 18	14 8	4 53	10 27	2 8	3 57	0 50	23 3	0 33	13 8	0 58	18 50	1 47	1 22	0 43	9 54	0 38	21 37	0 10	23 3	23 7	14 3	12 33	0 46
S 8	4 55	18 34	4 26	10 44	1 54	4 28	0 48	22 59	0 34	13 12	0 57	18 51	1 46	1 21	0 43	9 53	0 38	21 37	0 10	23 4	23 7	14 1	12 34	0 46
M 9	4 31	21 53	3 44	10 58	1 39	4 59	0 46	22 54	0 35	13 16	0 57	18 52	1 46	1 19	0 43	9 52	0 38	21 37	0 9	23 4	23 7	13 58	12 35	0 46
T 10	4 8	23 57	2 52	11 11	1 25	5 29	0 43	22 50	0 36	13 20	0 57	18 53	1 46	1 18	0 43	9 51	0 38	21 37	0 9	23 5	23 8	13 56	12 36	0 47
W11	3 44	24 44	1 54	11 21	1 12	6 0	0 41	22 45	0 37	13 24	0 57	18 54	1 46	1 16	0 43	9 51	0 38	21 37	0 9	23 5	23 8	13 53	12 37	0 47
T 12	3 20	24 16	0 51	11 29	0 58	6 30	0 38	22 41	0 38	13 28	0 57	18 55	1 45	1 15	0 43	9 50	0 38	21 37	0 9	23 5	23 8	13 51	12 38	0 47
F 13	2 57	22 42	0n12	11 35	0 44	7 0	0 36	22 36	0 39	13 32	0 57	18 56	1 45	1 14	0 43	9 49	0 38	21 38	0 9	23 5	23 8	13 48	12 39	0 47
S 14	2 33	20 8	1 14	11 39	0 31	7 31	0 33	22 30	0 40	13 36	0 56	18 57	1 45	1 12	0 43	9 48	0 38	21 38	0 9	23 5	23 9	13 45	12 40	0 47
S 15	2 9	16 45	2 13	11 41	0 19	8 1	0 31	22 25	0 41	13 40	0 56	18 58	1 45	1 11	0 43	9 47	0 38	21 38	0 9	23 5	23 9	13 43	12 41	0 47
M16	1 46	12 43	3 6	11 40	0 6	8 30	0 28	22 19	0 42	13 44	0 56	18 59	1 44	1 10	0 43	9 47	0 38	21 38	0 9	23 5	23 9	13 40	12 42	0 47
T 17	1 22	8 11	3 51	11 38	0s 6	9 0	0 25	22 14	0 43	13 48	0 56	19 0	1 44	1 8	0 43	9 46	0 38	21 38	0 9	23 6	23 9	13 38	12 43	0 47
W18	0 58	3 19	4 26	11 34	0 17	9 29	0 23	22 8	0 44	13 52	0 56	19 1	1 44	1 7	0 43	9 45	0 38	21 38	0 9	23 7	23 9	13 35	12 44	0 47
T 19	0 35	1n43	4 49	11 28	0 28	9 58	0 20	22 1	0 45	13 56	0 56	19 2	1 44	1 6	0 43	9 44	0 38	21 38	0 9	23 8	23 10	13 32	12 45	0 47
F 20	0 11	6 46	5 0	11 20	0 39	10 27	0 17	21 55	0 46	14 0	0 55	19 3	1 43	1 4	0 43	9 44	0 38	21 38	0 9	23 9	23 10	13 30	12 46	0 47
S 21	0n13	11 36	4 56	11 11	0 49	10 56	0 14	21 49	0 47	14 4	0 55	19 5	1 43	1 3	0 43	9 43	0 38	21 39	0 9	23 9	23 10	13 27	12 47	0 47
S 22	0 37	16 1	4 38	10 59	0 58	11 25	0 11	21 42	0 48	14 8	0 55	19 6	1 43	1 1	0 43	9 42	0 38	21 39	0 9	23 10	23 10	13 25	12 48	0 47
M23	1 0	19 46	4 5	10 47	1 8	11 53	0 8	21 35	0 49	14 12	0 55	19 7	1 43	1 0	0 43	9 41	0 38	21 39	0 9	23 11	23 10	13 22	12 49	0 47
T 24	1 24	22 35	3 19	10 32	1 16	12 21	0 5	21 28	0 50	14 17	0 55	19 8	1 43	0 59	0 43	9 40	0 38	21 39	0 8	23 11	23 11	13 19	12 50	0 47
W25	1 48	24 14	2 22	10 16	1 24	12 48	0 3	21 20	0 51	14 21	0 55	19 9	1 42	0 57	0 43	9 40	0 38	21 39	0 8	23 11	23 11	13 17	12 51	0 47
T 26	2 11	24 30	1 16	9 59	1 32	13 16	0n 0	21 13	0 52	14 25	0 54	19 11	1 42	0 56	0 43	9 39	0 38	21 39	0 8	23 11	23 11	13 14	12 52	0 47
F 27	2 35	23 18	0 4	9 40	1 39	13 43	0 3	21 5	0 54	14 29	0 54	19 12	1 42	0 55	0 43	9 38	0 38	21 39	0 8	23 11	23 11	13 12	12 53	0 47
S 28	2 58	20 39	1s 9	9 19	1 46	14 9	0 6	20 57	0 55	14 33	0 54	19 13	1 42	0 53	0 43	9 38	0 38	21 39	0 8	23 11	23 11	13 9	12 54	0 47
S 29	3 22	16 41	2 20	8 57	1 52	14 36	0 9	20 49	0 56	14 37	0 54	19 14	1 41	0 52	0 43	9 37	0 38	21 39	0 8	23 12	23 11	13 6	12 55	0 47
M30	3 45	11 41	3 22	8 34	1 58	15 2	0 12	20 41	0 57	14 41	0 54	19 15	1 41	0 51	0 43	9 36	0 38	21 39	0 8	23 12	23 12	13 4	12 56	0 48
T 31	4n 8	5n58	4s12	8s 9	2s 3	15n27	0n16	20s33	0s58	14n45	0s54	19n17	1s41	0s49	0s43	9s35	0s38	21n40	0s 8	23s12	23s12	13s 1	12n57	0s48

Julian Day Number = 2516617.5, Delta T = 143.14 sec
Ecliptic obliquity = 23°25'00, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°13'48, Lahiri = 26°20'48

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2178
geocentric

APRIL 2178 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 38 14	11♈27'15	19♍11	15♓24	12♉31	3♒ 7	12♉50	4♊ 7	29♓39	6♓52	20°R55	7°R23	7♑35	15♒58	6♉39	W 1
T 2	12 42 11	12°26'32	3♎56	16°44	13°44	3°49	13° 3	4°13	29°42	6°54	20♋55	7♑11	7°32	16° 5	6°43	T 2
F 3	12 46 7	13°25'47	18°29	18° 6	14°56	4°31	13°17	4°18	29°45	6°56	20°55	7° 0	7°28	16°12	6°46	F 3
S 4	12 50 4	14°25'00	2♏44	19°30	16° 9	5°13	13°30	4°24	29°49	6°58	20°D55	6°48	7°25	16°18	6°50	S 4
S 5	12 54 0	15°24'11	16°35	20°55	17°21	5°55	13°44	4°30	29°52	7° 0	20°55	6°39	7°22	16°25	6°53	S 5
M 6	12 57 57	16°23'20	0♐ 1	22°23	18°33	6°38	13°57	4°36	29°55	7° 2	20°55	6°32	7°19	16°32	6°57	M 6
T 7	13 1 53	17°22'27	13° 0	23°51	19°46	7°20	14°11	4°42	29°59	7° 3	20°55	6°28	7°16	16°38	7° 1	T 7
W 8	13 5 50	18°21'33	25°36	25°22	20°58	8° 2	14°24	4°49	0♈ 2	7° 5	20°55	6°26	7°13	16°45	7° 4	W 8
T 9	13 9 47	19°20'36	7♑52	26°54	22°10	8°44	14°38	4°55	0° 5	7° 7	20°55	6°D25	7° 9	16°52	7° 8	T 9
F 10	13 13 43	20°19'39	19°54	28°27	23°22	9°26	14°51	5° 1	0° 9	7° 9	20°56	6°R26	7° 6	16°58	7°12	F 10
S 11	13 17 40	21°18'39	1♒46	0♈ 2	24°34	10° 8	15° 5	5° 7	0°12	7°11	20°56	6°25	7° 3	17° 5	7°15	S 11
S 12	13 21 36	22°17'37	13°35	1°39	25°46	10°51	15°19	5°14	0°15	7°12	20°56	6°23	7° 0	17°12	7°19	S 12
M13	13 25 33	23°16'34	25°25	3°17	26°58	11°33	15°32	5°20	0°18	7°14	20°56	6°19	6°57	17°18	7°23	M13
T 14	13 29 29	24°15'29	7♓21	4°56	28°10	12°15	15°46	5°27	0°22	7°16	20°56	6°12	6°54	17°25	7°27	T 14
W15	13 33 26	25°14'22	19°26	6°37	29°22	12°57	16° 0	5°33	0°25	7°17	20°57	6° 2	6°50	17°32	7°30	W15
T 16	13 37 22	26°13'13	1♈44	8°20	0♊33	13°39	16°14	5°40	0°28	7°19	20°57	5°51	6°47	17°38	7°34	T 16
F 17	13 41 19	27°12'03	14°15	10° 4	1°45	14°21	16°28	5°46	0°31	7°21	20°57	5°39	6°44	17°45	7°38	F 17
S 18	13 45 16	28°10'50	27° 1	11°50	2°56	15° 3	16°42	5°53	0°34	7°22	20°58	5°27	6°41	17°52	7°42	S 18
S 19	13 49 12	29° 9'36	10♉ 0	13°37	4° 8	15°46	16°56	6° 0	0°37	7°24	20°58	5°16	6°38	17°58	7°45	S 19
M20	13 53 9	0♉ 8'19	23°12	15°26	5°19	16°28	17°10	6° 7	0°40	7°26	20°58	5° 7	6°34	18° 5	7°49	M20
T 21	13 57 5	1° 7'01	6♊36	17°17	6°30	17°10	17°24	6°13	0°44	7°27	20°59	5° 1	6°31	18°12	7°53	T 21
W22	14 1 2	2° 5'40	20° 9	19° 9	7°42	17°52	17°38	6°20	0°47	7°29	20°59	4°58	6°28	18°19	7°57	W22
T 23	14 4 58	3° 4'18	3♋52	21° 3	8°53	18°34	17°52	6°27	0°50	7°30	21° 0	4°D57	6°25	18°25	8° 1	T 23
F 24	14 8 55	4° 2'53	17°44	22°58	10° 4	19°16	18° 6	6°34	0°53	7°32	21° 0	4°58	6°22	18°32	8° 5	F 24
S 25	14 12 51	5° 1'26	1♌44	24°55	11°15	19°58	18°20	6°41	0°56	7°33	21° 1	4°R58	6°19	18°39	8° 8	S 25
S 26	14 16 48	5°59'57	15°52	26°53	12°26	20°40	18°34	6°48	0°59	7°34	21° 1	4°58	6°15	18°45	8°12	S 26
M27	14 20 45	6°58'25	0♍ 7	28°53	13°36	21°22	18°48	6°55	1° 1	7°36	21° 2	4°56	6°12	18°52	8°16	M27
T 28	14 24 41	7°56'52	14°27	0♉55	14°47	22° 4	19° 2	7° 3	1° 4	7°37	21° 2	4°51	6° 9	18°59	8°20	T 28
W29	14 28 38	8°55'16	28°48	2°57	15°57	22°46	19°16	7°10	1° 7	7°38	21° 3	4°45	6° 6	19° 5	8°24	W29
T 30	14 32 34	9♉53'38	13♎ 5	5♉ 2	17♊ 8	23♒28	19♉31	7♊17	1♈10	7♓40	21♋ 3	4♑37	6♑ 3	19♒12	8♉28	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	4n32	0s 6	4s46	7s43	2s 8	15n52	0n19	20s24	0s59	14n50	0s54	19n18	1s41	0s48	0s43	9s35	0s38	21n40	0s 8	23s13	23s12	12s59	12n58	0s48
T 2	4 55	6 9	5 0	7 16	2 12	16 17	0 22	20 15	1 0	14 54	0 53	19 19	1 41	0 47	0 43	9 34	0 38	21 40	0 8	23 13	23 12	12 56	13 0	0 48
F 3	5 18	11 46	4 54	6 47	2 16	16 42	0 25	20 6	1 1	14 58	0 53	19 20	1 40	0 45	0 43	9 33	0 38	21 40	0 8	23 14	23 12	12 53	13 1	0 48
S 4	5 41	16 38	4 31	6 18	2 20	17 6	0 28	19 57	1 3	15 2	0 53	19 22	1 40	0 44	0 43	9 33	0 38	21 40	0 8	23 15	23 13	12 51	13 2	0 48
S 5	6 4	20 28	3 51	5 47	2 23	17 29	0 31	19 48	1 4	15 6	0 53	19 23	1 40	0 43	0 43	9 32	0 39	21 40	0 8	23 15	23 13	12 48	13 3	0 48
M 6	6 26	23 4	3 0	5 14	2 25	17 53	0 34	19 39	1 5	15 10	0 53	19 24	1 40	0 41	0 43	9 31	0 39	21 40	0 8	23 15	23 13	12 45	13 4	0 48
T 7	6 49	24 20	2 1	4 41	2 27	18 15	0 37	19 29	1 6	15 14	0 53	19 25	1 40	0 40	0 43	9 31	0 39	21 40	0 8	23 16	23 13	12 43	13 5	0 48
W 8	7 11	24 18	0 57	4 7	2 28	18 38	0 40	19 19	1 7	15 18	0 53	19 27	1 39	0 39	0 43	9 30	0 39	21 40	0 7	23 16	23 13	12 40	13 6	0 48
T 9	7 34	23 3	0n 8	3 31	2 29	18 59	0 43	19 10	1 8	15 23	0 52	19 28	1 39	0 37	0 43	9 29	0 39	21 40	0 7	23 16	23 13	12 38	13 7	0 48
F 10	7 56	20 46	1 11	2 54	2 29	19 21	0 46	19 0	1 10	15 27	0 52	19 29	1 39	0 36	0 43	9 29	0 39	21 40	0 7	23 16	23 14	12 35	13 9	0 48
S 11	8 18	17 38	2 10	2 16	2 29	19 42	0 50	18 49	1 11	15 31	0 52	19 31	1 39	0 35	0 43	9 28	0 39	21 40	0 7	23 16	23 14	12 32	13 10	0 48
S 12	8 40	13 48	3 4	1 37	2 29	20 2	0 53	18 39	1 12	15 35	0 52	19 32	1 39	0 34	0 43	9 27	0 39	21 40	0 7	23 16	23 14	12 30	13 11	0 48
M13	9 2	9 26	3 49	0 57	2 28	20 22	0 56	18 29	1 13	15 39	0 52	19 33	1 39	0 32	0 43	9 27	0 39	21 40	0 7	23 16	23 14	12 27	13 12	0 48
T 14	9 24	4 42	4 25	0 17	2 26	20 41	0 59	18 18	1 14	15 43	0 52	19 35	1 38	0 31	0 43	9 26	0 39	21 40	0 7	23 16	23 14	12 24	13 13	0 48
W15	9 45	0n16	4 50	0n25	2 24	21 0	1 2	18 7	1 16	15 47	0 52	19 36	1 38	0 30	0 43	9 25	0 39	21 40	0 7	23 17	23 14	12 22	13 14	0 48
T 16	10 7	5 18	5 1	1 8	2 21	21 18	1 5	17 56	1 17	15 51	0 52	19 37	1 38	0 28	0 43	9 25	0 39	21 40	0 7	23 17	23 15	12 19	13 15	0 49
F 17	10 28	10 12	4 59	1 52	2 18	21 36	1 8	17 45	1 18	15 55	0 52	19 39	1 38	0 27	0 43	9 24	0 39	21 40	0 7	23 18	23 15	12 16	13 17	0 49
S 18	10 49	14 46	4 41	2 36	2 15	21 53	1 11	17 34	1 19	15 59	0 51	19 40	1 38	0 26	0 43	9 24	0 39	21 40	0 7	23 18	23 15	12 14	13 18	0 49
S 19	11 10	18 44	4 9	3 22	2 11	22 10	1 14	17 23	1 20	16 3	0 51	19 41	1 38	0 25	0 43	9 23	0 39	21 40	0 7	23 19	23 15	12 11	13 19	0 49
M20	11 31	21 50	3 23	4 8	2 6	22 25	1 17	17 11	1 22	16 7	0 51	19 42	1 37	0 24	0 43	9 23	0 39	21 40	0 7	23 19	23 15	12 9	13 20	0 49
T 21	11 51	23 46	2 25	4 55	2 1	22 41	1 20	17 0	1 23	16 11	0 51	19 44	1 37	0 22	0 43	9 22	0 39	21 40	0 7	23 19	23 15	12 6	13 21	0 49
W22	12 11	24 21	1 18	5 43	1 55	22 56	1 22	16 48	1 24	16 15	0 51	19 45	1 37	0 21	0 43	9 22	0 39	21 40	0 7	23 19	23 16	12 3	13 22	0 49
T 23	12 31	23 27	0 6	6 31	1 49	23 10	1 25	16 36	1 25	16 19	0 51	19 46	1 37	0 20	0 43	9 21	0 39	21 40	0 7	23 19	23 16	12 1	13 24	0 49
F 24	12 51	21 7	1s 8	7 20	1 43	23 23	1 28	16 24	1 27	16 23	0 51	19 48	1 37	0 19	0 43	9 20	0 39	21 40	0 6	23 19	23 16	11 58	13 25	0 49
S 25	13 11	17 31	2 18	8 9	1 36	23 36	1 31	16 12	1 28	16 27	0 51	19 49	1 37	0 18	0 43	9 20	0 39	21 40	0 6	23 19	23 16	11 55	13 26	0 49
S 26	13 30	12 52	3 21	8 59	1 28	23 48	1 33	16 0	1 29	16 31	0 51	19 50	1 36	0 16	0 43	9 19	0 39	21 40	0 6	23 19	23 16	11 53	13 27	0 49
M27	13 50	7 30	4 11	9 49	1 20	24 0	1 36	15 48	1 30	16 35	0 51	19 52	1 36	0 15	0 43	9 19	0 39	21 40	0 6	23 19	23 16	11 50	13 28	0 49
T 28	14 9	1 42	4 46	10 40	1 12	24 11	1 39	15 35	1 32	16 39	0 50	19 53	1 36	0 14	0 43	9 19	0 39	21 40	0 6	23 20	23 16	11 47	13 29	0 49
W29	14 27	4s10	5 4	11 30	1 3	24 21	1 41	15 23	1 33	16 43	0 50	19 54	1 36	0 13	0 43	9 18	0 39	21 40	0 6	23 20	23 17	11 45	13 31	0 49
T 30	14n46	9s48	5s 2	12n21	0s54	24n31	1n44	15s10	1s34	16n47	0s50	19n56	1s36	0s12	0s43	9s18	0s39	21n40	0s 6	23s20	23s17	11s42	13n32	0s50

Julian Day Number = 2516648.5, Delta T = 143.21 sec
Ecliptic obliquity = 23°25'00, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°13'52, Lahiri = 26°20'53

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2178
geocentric

MAY 2178 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 36 31	10♉51'58	27♎13	7♉ 7	18♊18	24♒10	19♉45	7♊24	1♈13	7♓41	21♋ 4	4°R28	5♑59	19♒19	8♉31	F 1
S 2	14 40 27	11°50'17	11♏ 7	9°14	19°29	24°52	19°59	7°31	1°16	7°42	21° 5	4♑19	5°56	19°25	8°35	S 2
S 3	14 44 24	12°48'33	24°42	11°22	20°39	25°34	20°13	7°39	1°19	7°44	21° 5	4°12	5°53	19°32	8°39	S 3
M 4	14 48 20	13°46'48	7♐57	13°30	21°49	26°16	20°27	7°46	1°21	7°45	21° 6	4° 7	5°50	19°39	8°43	M 4
T 5	14 52 17	14°45'02	20°51	15°39	22°59	26°58	20°42	7°53	1°24	7°46	21° 7	4° 4	5°47	19°45	8°47	T 5
W 6	14 56 14	15°43'13	3♑25	17°49	24° 9	27°40	20°56	8° 1	1°27	7°47	21° 8	4°D 3	5°44	19°52	8°50	W 6
T 7	15 0 10	16°41'24	15°42	19°59	25°18	28°22	21°10	8° 8	1°29	7°48	21° 8	4° 4	5°40	19°59	8°54	T 7
F 8	15 4 7	17°39'33	27°45	22° 9	26°28	29° 4	21°24	8°16	1°32	7°49	21° 9	4° 5	5°37	20° 5	8°58	F 8
S 9	15 8 3	18°37'40	9♒40	24°18	27°37	29°46	21°39	8°23	1°35	7°50	21°10	4° 6	5°34	20°12	9° 2	S 9
S 10	15 12 0	19°35'46	21°30	26°27	28°47	0♓28	21°53	8°31	1°37	7°51	21°11	4°R 7	5°31	20°19	9° 6	S 10
M11	15 15 56	20°33'50	3♓22	28°35	29°56	1° 9	22° 7	8°38	1°40	7°52	21°12	4° 6	5°28	20°25	9° 9	M11
T 12	15 19 53	21°31'53	15°21	0♊41	1♋ 5	1°51	22°21	8°46	1°42	7°53	21°13	4° 3	5°25	20°32	9°13	T 12
W13	15 23 49	22°29'55	27°30	2°46	2°14	2°33	22°36	8°53	1°45	7°54	21°14	3°59	5°21	20°39	9°17	W13
T 14	15 27 46	23°27'55	9♈54	4°50	3°23	3°15	22°50	9° 1	1°47	7°55	21°14	3°53	5°18	20°46	9°21	T 14
F 15	15 31 43	24°25'54	22°34	6°51	4°32	3°56	23° 4	9° 9	1°49	7°56	21°15	3°46	5°15	20°52	9°24	F 15
S 16	15 35 39	25°23'52	5♉33	8°50	5°41	4°38	23°18	9°16	1°52	7°57	21°16	3°39	5°12	20°59	9°28	S 16
S 17	15 39 36	26°21'48	18°49	10°47	6°49	5°19	23°33	9°24	1°54	7°57	21°17	3°34	5° 9	21° 6	9°32	S 17
M18	15 43 32	27°19'43	2♊23	12°41	7°58	6° 1	23°47	9°32	1°56	7°58	21°18	3°29	5° 5	21°12	9°36	M18
T 19	15 47 29	28°17'36	16°11	14°32	9° 6	6°42	24° 1	9°39	1°59	7°59	21°19	3°26	5° 2	21°19	9°39	T 19
W20	15 51 25	29°15'28	0♋ 9	16°20	10°14	7°24	24°15	9°47	2° 1	8° 0	21°20	3°D25	4°59	21°26	9°43	W20
T 21	15 55 22	0♊13'18	14°16	18° 6	11°22	8° 5	24°30	9°55	2° 3	8° 0	21°21	3°25	4°56	21°32	9°47	T 21
F 22	15 59 18	1°11'07	28°28	19°48	12°30	8°47	24°44	10° 2	2° 5	8° 1	21°22	3°27	4°53	21°39	9°50	F 22
S 23	16 3 15	2° 8'54	12♌41	21°27	13°38	9°28	24°58	10°10	2° 7	8° 2	21°24	3°28	4°50	21°46	9°54	S 23
S 24	16 7 12	3° 6'39	26°55	23° 3	14°46	10° 9	25°12	10°18	2° 9	8° 2	21°25	3°R29	4°46	21°52	9°58	S 24
M25	16 11 8	4° 4'22	11♍ 6	24°36	15°53	10°50	25°26	10°26	2°11	8° 3	21°26	3°29	4°43	21°59	10° 1	M25
T 26	16 15 5	5° 2'04	25°12	26° 5	17° 0	11°32	25°41	10°33	2°13	8° 3	21°27	3°28	4°40	22° 6	10° 5	T 26
W27	16 19 1	5°59'44	9♎12	27°31	18° 7	12°13	25°55	10°41	2°15	8° 4	21°28	3°25	4°37	22°12	10° 8	W27
T 28	16 22 58	6°57'23	23° 3	28°54	19°14	12°54	26° 9	10°49	2°17	8° 4	21°29	3°22	4°34	22°19	10°12	T 28
F 29	16 26 54	7°55'01	6♏44	0♋13	20°21	13°35	26°23	10°57	2°19	8° 5	21°30	3°18	4°31	22°26	10°15	F 29
S 30	16 30 51	8°52'37	20°11	1°28	21°28	14°16	26°37	11° 5	2°21	8° 5	21°32	3°14	4°27	22°33	10°19	S 30
S 31	16 34 47	9♊50'11	3♐23	2♋40	22♋34	14♓56	26♉51	11♊12	2♈23	8♓ 5	21♋33	3♑11	4♑24	22♒39	10♉22	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	15n 4	14s51	4s42	13n11	0s44	24n40	1n46	14s57	1s36	16n51	0s50	19n57	1s36	0s11	0s43	9s17	0s39	21n40	0s 6	23s20	23s17	11s39	13n33	0s50
S 2	15 22	19 2	4 5	14 1	0 34	24 48	1 49	14 44	1 37	16 55	0 50	19 58	1 36	0 10	0 43	9 17	0 39	21 40	0 6	23 21	23 17	11 37	13 34	0 50
S 3	15 40	22 5	3 15	14 51	0 24	24 56	1 51	14 31	1 38	16 59	0 50	20 0	1 35	0 9	0 43	9 16	0 39	21 40	0 6	23 21	23 17	11 34	13 35	0 50
M 4	15 58	23 51	2 16	15 39	0 14	25 3	1 53	14 18	1 39	17 3	0 50	20 1	1 35	0 8	0 43	9 16	0 39	21 40	0 6	23 21	23 17	11 31	13 36	0 50
T 5	16 15	24 17	1 11	16 28	0 3	25 9	1 56	14 5	1 41	17 6	0 50	20 2	1 35	0 6	0 43	9 15	0 39	21 40	0 6	23 21	23 17	11 29	13 37	0 50
W 6	16 32	23 26	0 3	17 15	0n 7	25 15	1 58	13 52	1 42	17 10	0 50	20 4	1 35	0 5	0 43	9 15	0 39	21 40	0 6	23 21	23 18	11 26	13 39	0 50
T 7	16 49	21 28	1n 3	18 0	0 18	25 20	2 0	13 39	1 43	17 14	0 50	20 5	1 35	0 4	0 43	9 15	0 39	21 40	0 6	23 21	23 18	11 23	13 40	0 50
F 8	17 5	18 33	2 5	18 45	0 28	25 24	2 2	13 25	1 45	17 18	0 50	20 6	1 35	0 3	0 44	9 14	0 39	21 40	0 6	23 21	23 18	11 21	13 41	0 50
S 9	17 21	14 55	3 0	19 27	0 39	25 28	2 4	13 12	1 46	17 22	0 50	20 7	1 35	0 2	0 44	9 14	0 39	21 40	0 5	23 21	23 18	11 18	13 42	0 50
S 10	17 37	10 43	3 48	20 8	0 49	25 31	2 6	12 58	1 47	17 25	0 49	20 9	1 35	0 1	0 44	9 14	0 39	21 40	0 5	23 21	23 18	11 15	13 43	0 50
M11	17 52	6 7	4 27	20 47	0 59	25 33	2 8	12 45	1 49	17 29	0 49	20 10	1 35	0 0	0 44	9 13	0 40	21 40	0 5	23 21	23 18	11 13	13 44	0 50
T 12	18 8	1 15	4 53	21 24	1 9	25 34	2 10	12 31	1 50	17 33	0 49	20 11	1 34	0n 1	0 44	9 13	0 40	21 40	0 5	23 21	23 18	11 10	13 45	0 51
W13	18 23	3n43	5 8	21 58	1 18	25 35	2 11	12 17	1 51	17 36	0 49	20 12	1 34	0 2	0 44	9 13	0 40	21 39	0 5	23 21	23 18	11 7	13 46	0 51
T 14	18 37	8 38	5 8	22 30	1 27	25 35	2 13	12 3	1 53	17 40	0 49	20 14	1 34	0 2	0 44	9 12	0 40	21 39	0 5	23 22	23 19	11 5	13 48	0 51
F 15	18 52	13 18	4 53	22 59	1 35	25 35	2 15	11 49	1 54	17 44	0 49	20 15	1 34	0 3	0 44	9 12	0 40	21 39	0 5	23 22	23 19	11 2	13 49	0 51
S 16	19 6	17 30	4 23	23 26	1 42	25 34	2 16	11 35	1 55	17 47	0 49	20 16	1 34	0 4	0 44	9 12	0 40	21 39	0 5	23 22	23 19	10 59	13 50	0 51
S 17	19 19	20 55	3 39	23 51	1 49	25 32	2 17	11 21	1 56	17 51	0 49	20 17	1 34	0 5	0 44	9 11	0 40	21 39	0 5	23 22	23 19	10 57	13 51	0 51
M18	19 33	23 15	2 41	24 12	1 56	25 29	2 19	11 7	1 58	17 55	0 49	20 19	1 34	0 6	0 44	9 11	0 40	21 39	0 5	23 22	23 19	10 54	13 52	0 51
T 19	19 46	24 14	1 33	24 32	2 1	25 26	2 20	10 53	1 59	17 58	0 49	20 20	1 34	0 7	0 44	9 11	0 40	21 39	0 5	23 22	23 19	10 51	13 53	0 51
W20	19 58	23 43	0 18	24 48	2 6	25 22	2 21	10 39	2 0	18 2	0 49	20 21	1 34	0 8	0 44	9 11	0 40	21 39	0 5	23 22	23 19	10 48	13 54	0 51
T 21	20 11	21 41	0s59	25 2	2 10	25 17	2 22	10 25	2 2	18 5	0 49	20 22	1 33	0 9	0 44	9 11	0 40	21 39	0 5	23 22	23 19	10 46	13 55	0 51
F 22	20 23	18 17	2 13	25 14	2 13	25 12	2 23	10 10	2 3	18 9	0 49	20 24	1 33	0 10	0 44	9 10	0 40	21 39	0 5	23 22	23 20	10 43	13 56	0 51
S 23	20 34	13 49	3 18	25 24	2 15	25 6	2 24	9 56	2 5	18 12	0 49	20 25	1 33	0 10	0 44	9 10	0 40	21 38	0 5	23 22	23 20	10 40	13 57	0 52
S 24	20 46	8 35	4 12	25 31	2 17	25 0	2 24	9 42	2 6	18 16	0 49	20 26	1 33	0 11	0 44	9 10	0 40	21 38	0 5	23 22	23 20	10 38	13 58	0 52
M25	20 56	2 56	4 50	25 36	2 18	24 52	2 25	9 27	2 7	18 19	0 49	20 27	1 33	0 12	0 44	9 10	0 40	21 38	0 4	23 22	23 20	10 35	13 59	0 52
T 26	21 7	2s50	5 10	25 39	2 17	24 45	2 26	9 13	2 9	18 22	0 49	20 28	1 33	0 13	0 44	9 10	0 40	21 38	0 4	23 22	23 20	10 32	14 0	0 52
W27	21 17	8 25	5 12	25 40	2 16	24 36	2 26	8 58	2 10	18 26	0 48	20 30	1 33	0 13	0 44	9 9	0 40	21 38	0 4	23 22	23 20	10 30	14 1	0 52
T 28	21 27	13 31	4 55	25 39	2 15	24 27	2 26	8 44	2 11	18 29	0 48	20 31	1 33	0 14	0 44	9 9	0 40	21 38	0 4	23 22	23 20	10 27	14 2	0 52
F 29	21 36	17 52	4 22	25 37	2 12	24 17	2 27	8 29	2 13	18 32	0 48	20 32	1 33	0 15	0 44	9 9	0 40	21 38	0 4	23 23	23 20	10 24	14 3	0 52
S 30	21 46	21 13	3 34	25 33	2 8	24 7	2 27	8 15	2 14	18 36	0 48	20 33	1 33	0 16	0 44	9 9	0 40	21 38	0 4	23 23	23 20	10 21	14 4	0 52
S 31	21n54	23s22	2s36	25n27	2n 4	23n56	2n27	8s 0	2s15	18n39	0s48	20n34	1s33	0n16	0s44	9s 9	0s40	21n38	0s 4	23s23	23s21	10s19	14n 5	0s52

Julian Day Number = 2516678.5, Delta T = 143.28 sec
Ecliptic obliquity = 23°24'59, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°13'56, Lahiri = 26°20'57

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2178
geocentric

JUNE 2178 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 38 44	10♊47'45	16♐20	3♋49	23♋40	15♓37	27♉ 5	11♊20	2♈24	8♓ 6	21♋34	3°R 9	4♑21	22♒46	10♉26	M 1
T 2	16 42 41	11°45'18	29° 1	4°54	24°46	16°18	27°19	11°28	2°26	8° 6	21°35	3°D 8	4°18	22°53	10°29	T 2
W 3	16 46 37	12°42'49	11♑26	5°55	25°52	16°59	27°33	11°36	2°28	8° 6	21°37	3♑ 9	4°15	22°59	10°33	W 3
T 4	16 50 34	13°40'20	23°38	6°52	26°58	17°39	27°47	11°43	2°29	8° 6	21°38	3°10	4°11	23° 6	10°36	T 4
F 5	16 54 30	14°37'50	5♒40	7°46	28° 3	18°20	28° 1	11°51	2°31	8° 6	21°39	3°11	4° 8	23°13	10°39	F 5
S 6	16 58 27	15°35'18	17°34	8°35	29° 9	19° 0	28°15	11°59	2°32	8° 7	21°40	3°12	4° 5	23°19	10°43	S 6
S 7	17 2 23	16°32'46	29°26	9°21	0♌14	19°41	28°29	12° 7	2°34	8° 7	21°42	3°14	4° 2	23°26	10°46	S 7
M 8	17 6 20	17°30'14	11♓19	10° 2	1°18	20°21	28°42	12°15	2°35	8° 7	21°43	3°14	3°59	23°33	10°49	M 8
T 9	17 10 16	18°27'40	23°18	10°39	2°23	21° 1	28°56	12°22	2°37	8° 7	21°44	3°R14	3°56	23°39	10°52	T 9
W10	17 14 13	19°25'06	5♈27	11°12	3°27	21°41	29°10	12°30	2°38	8°R 7	21°46	3°14	3°52	23°46	10°55	W10
T 11	17 18 10	20°22'32	17°52	11°41	4°32	22°21	29°24	12°38	2°39	8° 7	21°47	3°13	3°49	23°53	10°59	T 11
F 12	17 22 6	21°19'56	0♉35	12° 5	5°35	23° 1	29°37	12°46	2°41	8° 7	21°49	3°11	3°46	23°59	11° 2	F 12
S 13	17 26 3	22°17'21	13°40	12°25	6°39	23°41	29°51	12°53	2°42	8° 7	21°50	3°10	3°43	24° 6	11° 5	S 13
S 14	17 29 59	23°14'44	27° 7	12°40	7°43	24°21	0♊ 5	13° 1	2°43	8° 7	21°51	3° 9	3°40	24°13	11° 8	S 14
M15	17 33 56	24°12'07	10♊55	12°51	8°46	25° 1	0°18	13° 9	2°44	8° 7	21°53	3° 8	3°37	24°20	11°11	M15
T 16	17 37 52	25° 9'30	25° 4	12°57	9°49	25°40	0°32	13°16	2°45	8° 6	21°54	3° 7	3°33	24°26	11°14	T 16
W17	17 41 49	26° 6'52	9♋27	12°R58	10°51	26°20	0°45	13°24	2°46	8° 6	21°56	3°D 7	3°30	24°33	11°17	W17
T 18	17 45 46	27° 4'13	24° 1	12°55	11°54	26°59	0°59	13°32	2°47	8° 6	21°57	3° 7	3°27	24°40	11°20	T 18
F 19	17 49 42	28° 1'33	8♌38	12°48	12°56	27°38	1°12	13°39	2°48	8° 6	21°59	3° 8	3°24	24°46	11°23	F 19
S 20	17 53 39	28°58'52	23°14	12°36	13°57	28°17	1°26	13°47	2°49	8° 5	22° 0	3° 8	3°21	24°53	11°26	S 20
S 21	17 57 35	29°56'11	7♍42	12°20	14°59	28°56	1°39	13°55	2°50	8° 5	22° 1	3° 9	3°17	25° 0	11°29	S 21
M22	18 1 32	0♋53'28	22° 0	12° 1	16° 0	29°35	1°52	14° 2	2°51	8° 5	22° 3	3° 9	3°14	25° 6	11°31	M22
T 23	18 5 28	1°50'45	6♎ 4	11°38	17° 1	0♈14	2° 6	14°10	2°51	8° 4	22° 4	3°R 9	3°11	25°13	11°34	T 23
W24	18 9 25	2°48'01	19°53	11°11	18° 1	0°52	2°19	14°17	2°52	8° 4	22° 6	3°D 9	3° 8	25°20	11°37	W24
T 25	18 13 21	3°45'16	3♏27	10°42	19° 1	1°31	2°32	14°25	2°53	8° 3	22° 7	3° 9	3° 5	25°27	11°40	T 25
F 26	18 17 18	4°42'31	16°45	10°11	20° 1	2° 9	2°45	14°32	2°53	8° 3	22° 9	3° 9	3° 2	25°33	11°42	F 26
S 27	18 21 15	5°39'45	29°48	9°37	21° 1	2°47	2°58	14°40	2°54	8° 2	22°10	3° 9	2°58	25°40	11°45	S 27
S 28	18 25 11	6°36'59	12♐37	9° 3	22° 0	3°25	3°11	14°47	2°54	8° 2	22°12	3° 9	2°55	25°47	11°47	S 28
M29	18 29 8	7°34'12	25°14	8°28	22°58	4° 3	3°24	14°55	2°55	8° 1	22°14	3°10	2°52	25°53	11°50	M29
T 30	18 33 4	8♋31'25	7♑38	7♋52	23♌56	4♈41	3♊37	15♊ 2	2♈55	8♓ 1	22♋15	3°R10	2♑49	26♒ 0	11♉52	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n 3	24s14	1s31	25n20	1n59	23n45	2n27	7s46	2s17	18n42	0s48	20n35	1s33	0n17	0s44	9s 9	0s40	21n37	0s 4	23s23	23s21	10s16	14n 6	0s52
T 2	22 10	23 48	0 23	25 12	1 52	23 33	2 26	7 31	2 18	18 46	0 48	20 36	1 33	0 17	0 44	9 9	0 40	21 37	0 4	23 23	23 21	10 13	14 7	0 52
W 3	22 18	22 10	0n46	25 2	1 45	23 20	2 26	7 16	2 19	18 49	0 48	20 37	1 33	0 18	0 44	9 9	0 40	21 37	0 4	23 23	23 21	10 11	14 8	0 53
T 4	22 25	19 32	1 51	24 52	1 38	23 7	2 25	7 2	2 21	18 52	0 48	20 39	1 32	0 19	0 44	9 9	0 40	21 37	0 4	23 23	23 21	10 8	14 9	0 53
F 5	22 32	16 5	2 50	24 40	1 29	22 54	2 25	6 47	2 22	18 55	0 48	20 40	1 32	0 19	0 44	9 9	0 40	21 37	0 4	23 23	23 21	10 5	14 10	0 53
S 6	22 38	12 2	3 41	24 28	1 20	22 40	2 24	6 33	2 23	18 58	0 48	20 41	1 32	0 20	0 44	9 9	0 40	21 37	0 4	23 23	23 21	10 3	14 11	0 53
S 7	22 44	7 33	4 23	24 14	1 9	22 25	2 23	6 18	2 25	19 1	0 48	20 42	1 32	0 20	0 44	9 9	0 40	21 37	0 4	23 23	23 21	10 0	14 12	0 53
M 8	22 50	2 47	4 53	24 0	0 58	22 10	2 22	6 3	2 26	19 4	0 48	20 43	1 32	0 21	0 44	9 9	0 40	21 36	0 4	23 23	23 21	9 57	14 13	0 53
T 9	22 55	2n 7	5 11	23 46	0 47	21 54	2 21	5 49	2 27	19 7	0 48	20 44	1 32	0 22	0 44	9 9	0 40	21 36	0 4	23 23	23 21	9 54	14 14	0 53
W10	23 0	7 0	5 16	23 31	0 34	21 38	2 20	5 34	2 29	19 10	0 48	20 45	1 32	0 22	0 44	9 9	0 40	21 36	0 3	23 23	23 22	9 52	14 15	0 53
T 11	23 4	11 43	5 6	23 15	0 21	21 21	2 19	5 19	2 30	19 13	0 48	20 46	1 32	0 23	0 44	9 9	0 41	21 36	0 3	23 23	23 22	9 49	14 16	0 53
F 12	23 8	16 3	4 41	22 59	0 7	21 4	2 17	5 5	2 31	19 16	0 48	20 47	1 32	0 23	0 45	9 9	0 41	21 36	0 3	23 23	23 22	9 46	14 16	0 54
S 13	23 12	19 45	4 1	22 43	0s 7	20 47	2 15	4 50	2 33	19 19	0 48	20 48	1 32	0 23	0 45	9 9	0 41	21 36	0 3	23 23	23 22	9 44	14 17	0 54
S 14	23 15	22 31	3 7	22 26	0 22	20 29	2 14	4 36	2 34	19 22	0 48	20 49	1 32	0 24	0 45	9 9	0 41	21 35	0 3	23 23	23 22	9 41	14 18	0 54
M15	23 17	24 2	2 0	22 10	0 38	20 10	2 12	4 21	2 35	19 25	0 48	20 50	1 32	0 24	0 45	9 9	0 41	21 35	0 3	23 23	23 22	9 38	14 19	0 54
T 16	23 20	24 4	0 45	21 53	0 54	19 51	2 10	4 7	2 37	19 28	0 48	20 51	1 32	0 25	0 45	9 9	0 41	21 35	0 3	23 23	23 22	9 35	14 20	0 54
W17	23 22	22 30	0s35	21 37	1 10	19 32	2 8	3 52	2 38	19 31	0 48	20 52	1 32	0 25	0 45	9 9	0 41	21 35	0 3	23 23	23 22	9 33	14 21	0 54
T 18	23 23	19 26	1 53	21 21	1 27	19 13	2 5	3 38	2 39	19 33	0 48	20 53	1 32	0 25	0 45	9 9	0 41	21 35	0 3	23 23	23 22	9 30	14 21	0 54
F 19	23 24	15 7	3 5	21 5	1 44	18 53	2 3	3 24	2 40	19 36	0 48	20 54	1 32	0 26	0 45	9 9	0 41	21 35	0 3	23 23	23 22	9 27	14 22	0 54
S 20	23 25	9 55	4 4	20 49	2 1	18 32	2 0	3 9	2 42	19 39	0 48	20 55	1 32	0 26	0 45	9 10	0 41	21 34	0 3	23 23	23 22	9 25	14 23	0 54
S 21	23 25	4 14	4 47	20 34	2 17	18 12	1 57	2 55	2 43	19 42	0 48	20 56	1 32	0 26	0 45	9 10	0 41	21 34	0 3	23 23	23 23	9 22	14 24	0 55
M22	23 25	1s36	5 11	20 19	2 34	17 51	1 54	2 41	2 44	19 44	0 48	20 57	1 32	0 27	0 45	9 10	0 41	21 34	0 3	23 23	23 23	9 19	14 24	0 55
T 23	23 24	7 15	5 17	20 5	2 50	17 29	1 51	2 27	2 46	19 47	0 48	20 58	1 32	0 27	0 45	9 10	0 41	21 34	0 3	23 23	23 23	9 16	14 25	0 55
W24	23 23	12 27	5 4	19 52	3 6	17 8	1 48	2 12	2 47	19 49	0 48	20 58	1 32	0 27	0 45	9 10	0 41	21 34	0 3	23 23	23 23	9 14	14 26	0 55
T 25	23 22	16 56	4 34	19 39	3 21	16 46	1 45	1 58	2 48	19 52	0 48	20 59	1 32	0 27	0 45	9 10	0 41	21 34	0 3	23 23	23 23	9 11	14 27	0 55
F 26	23 20	20 30	3 50	19 27	3 35	16 24	1 41	1 44	2 50	19 55	0 48	21 0	1 32	0 28	0 45	9 11	0 41	21 33	0 2	23 23	23 23	9 8	14 27	0 55
S 27	23 18	22 56	2 55	19 17	3 48	16 1	1 38	1 30	2 51	19 57	0 48	21 1	1 32	0 28	0 45	9 11	0 41	21 33	0 2	23 23	23 23	9 6	14 28	0 55
S 28	23 15	24 8	1 51	19 7	4 0	15 39	1 34	1 16	2 52	20 0	0 48	21 2	1 32	0 28	0 45	9 11	0 41	21 33	0 2	23 23	23 23	9 3	14 29	0 55
M29	23 12	24 4	0 44	18 58	4 11	15 16	1 30	1 3	2 53	20 2	0 48	21 3	1 32	0 28	0 45	9 11	0 41	21 33	0 2	23 23	23 23	9 0	14 29	0 55
T 30	23n 9	22s47	0n25	18n51	4s21	14n53	1n26	0s49	2s55	20n 4	0s48	21n 4	1s32	0n28	0s45	9s12	0s41	21n33	0s 2	23s23	23s23	8s57	14n30	0s56

Julian Day Number = 2516709.5, Delta T = 143.35 sec
Ecliptic obliquity = 23°24'58, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°14'01, Lahiri = 26°21'01

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2178
geocentric

JULY 2178 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 37 1	9♋28'37	19♑52	7°R17	24♌54	5♈19	3♊50	15♊ 9	2♈56	8°R 0	22♋17	3°R 9	2♑46	26♒ 7	11♉55	W 1
T 2	18 40 57	10°25'50	1♒56	6♋44	25°51	5°56	4° 2	15°17	2°56	7♓59	22°18	3♑ 9	2°43	26°13	11°57	T 2
F 3	18 44 54	11°23'02	13°54	6°12	26°48	6°33	4°15	15°24	2°56	7°59	22°20	3° 8	2°39	26°20	12° 0	F 3
S 4	18 48 50	12°20'14	25°47	5°42	27°45	7°10	4°28	15°31	2°56	7°58	22°21	3° 7	2°36	26°27	12° 2	S 4
S 5	18 52 47	13°17'26	7♓38	5°15	28°41	7°47	4°40	15°39	2°56	7°57	22°23	3° 5	2°33	26°33	12° 4	S 5
M 6	18 56 44	14°14'38	19°31	4°51	29°36	8°24	4°53	15°46	2°57	7°56	22°24	3° 4	2°30	26°40	12° 6	M 6
T 7	19 0 40	15°11'51	1♈29	4°31	0♍31	9° 1	5° 5	15°53	2°57	7°56	22°26	3° 3	2°27	26°47	12° 9	T 7
W 8	19 4 37	16° 9'04	13°37	4°15	1°25	9°37	5°17	16° 0	2°R57	7°55	22°28	3°D 3	2°23	26°54	12°11	W 8
T 9	19 8 33	17° 6'16	26° 0	4° 3	2°19	10°13	5°30	16° 7	2°57	7°54	22°29	3° 3	2°20	27° 0	12°13	T 9
F 10	19 12 30	18° 3'30	8♉41	3°56	3°13	10°49	5°42	16°14	2°57	7°53	22°31	3° 4	2°17	27° 7	12°15	F 10
S 11	19 16 26	19° 0'43	21°44	3°D54	4° 5	11°25	5°54	16°21	2°56	7°52	22°32	3° 5	2°14	27°14	12°17	S 11
S 12	19 20 23	19°57'57	5♊12	3°57	4°57	12° 1	6° 6	16°28	2°56	7°51	22°34	3° 6	2°11	27°20	12°19	S 12
M13	19 24 19	20°55'12	19° 6	4° 5	5°49	12°36	6°18	16°35	2°56	7°50	22°35	3° 7	2° 8	27°27	12°21	M13
T 14	19 28 16	21°52'27	3♋24	4°18	6°40	13°11	6°30	16°42	2°56	7°49	22°37	3°R 7	2° 4	27°34	12°23	T 14
W15	19 32 13	22°49'42	18° 3	4°37	7°30	13°46	6°42	16°49	2°55	7°48	22°39	3° 7	2° 1	27°40	12°24	W15
T 16	19 36 9	23°46'57	2♌58	5° 1	8°20	14°21	6°54	16°56	2°55	7°47	22°40	3° 5	1°58	27°47	12°26	T 16
F 17	19 40 6	24°44'12	17°59	5°30	9° 8	14°55	7° 5	17° 2	2°55	7°46	22°42	3° 3	1°55	27°54	12°28	F 17
S 18	19 44 2	25°41'28	2♍58	6° 4	9°56	15°29	7°17	17° 9	2°54	7°45	22°43	3° 0	1°52	28° 1	12°29	S 18
S 19	19 47 59	26°38'43	17°47	6°44	10°44	16° 3	7°29	17°16	2°54	7°44	22°45	2°57	1°49	28° 7	12°31	S 19
M20	19 51 55	27°35'59	2♎19	7°29	11°30	16°37	7°40	17°22	2°53	7°43	22°46	2°55	1°45	28°14	12°33	M20
T 21	19 55 52	28°33'15	16°30	8°19	12°16	17°10	7°51	17°29	2°52	7°41	22°48	2°53	1°42	28°21	12°34	T 21
W22	19 59 48	29°30'31	0♏18	9°14	13° 1	17°43	8° 3	17°35	2°52	7°40	22°50	2°D53	1°39	28°27	12°36	W22
T 23	20 3 45	0♌27'47	13°44	10°15	13°44	18°16	8°14	17°42	2°51	7°39	22°51	2°53	1°36	28°34	12°37	T 23
F 24	20 7 42	1°25'03	26°49	11°20	14°27	18°49	8°25	17°48	2°50	7°38	22°53	2°55	1°33	28°41	12°38	F 24
S 25	20 11 38	2°22'20	9♐36	12°30	15° 9	19°21	8°36	17°55	2°50	7°37	22°54	2°56	1°29	28°47	12°40	S 25
S 26	20 15 35	3°19'37	22° 8	13°45	15°50	19°53	8°47	18° 1	2°49	7°35	22°56	2°58	1°26	28°54	12°41	S 26
M27	20 19 31	4°16'54	4♑28	15° 5	16°30	20°25	8°58	18° 7	2°48	7°34	22°57	2°R58	1°23	29° 1	12°42	M27
T 28	20 23 28	5°14'12	16°38	16°29	17° 9	20°56	9° 8	18°13	2°47	7°33	22°59	2°57	1°20	29° 8	12°43	T 28
W29	20 27 24	6°11'30	28°41	17°58	17°46	21°27	9°19	18°19	2°46	7°31	23° 0	2°55	1°17	29°14	12°44	W29
T 30	20 31 21	7° 8'49	10♒38	19°31	18°23	21°58	9°29	18°25	2°45	7°30	23° 2	2°51	1°14	29°21	12°45	T 30
F 31	20 35 17	8♌ 6'08	22♒31	21♋ 9	18♍58	22♈28	9♊40	18♊31	2♈44	7♓29	23♋ 4	2♑45	1♑10	29♒28	12♉46	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23n 5	20s27	1n31	18n45	4s29	14n29	1n21	0s35	2s56	20n 7	0s48	21n 4	1s32	0n28	0s45	9s12	0s41	21n32	0s 2	23s23	23s23	8s55	14n31	0s56
T 2	23 0	17 13	2 33	18 40	4 35	14 6	1 17	0 21	2 57	20 9	0 48	21 5	1 32	0 28	0 45	9 12	0 41	21 32	0 2	23 23	23 23	8 52	14 31	0 56
F 3	22 56	13 20	3 27	18 36	4 41	13 42	1 12	0 8	2 58	20 12	0 48	21 6	1 32	0 28	0 45	9 12	0 41	21 32	0 2	23 23	23 23	8 49	14 32	0 56
S 4	22 51	8 58	4 12	18 34	4 44	13 18	1 7	0n 6	2 59	20 14	0 48	21 7	1 32	0 28	0 45	9 13	0 41	21 32	0 2	23 23	23 23	8 46	14 32	0 56
S 5	22 45	4 16	4 46	18 33	4 46	12 54	1 2	0 19	3 1	20 16	0 48	21 8	1 32	0 29	0 45	9 13	0 41	21 32	0 2	23 23	23 23	8 44	14 33	0 56
M 6	22 39	0n34	5 8	18 33	4 47	12 30	0 57	0 32	3 2	20 18	0 48	21 8	1 32	0 29	0 45	9 13	0 41	21 31	0 2	23 23	23 24	8 41	14 34	0 56
T 7	22 33	5 25	5 16	18 35	4 46	12 5	0 52	0 46	3 3	20 21	0 48	21 9	1 32	0 29	0 45	9 14	0 41	21 31	0 2	23 23	23 24	8 38	14 34	0 56
W 8	22 26	10 9	5 11	18 38	4 43	11 41	0 46	0 59	3 4	20 23	0 48	21 10	1 32	0 28	0 45	9 14	0 41	21 31	0 2	23 23	23 24	8 36	14 35	0 57
T 9	22 19	14 33	4 51	18 42	4 40	11 16	0 41	1 12	3 6	20 25	0 48	21 10	1 32	0 28	0 45	9 14	0 41	21 31	0 2	23 23	23 24	8 33	14 35	0 57
F 10	22 12	18 26	4 17	18 47	4 34	10 52	0 35	1 25	3 7	20 27	0 48	21 11	1 32	0 28	0 45	9 15	0 41	21 31	0 2	23 23	23 24	8 30	14 36	0 57
S 11	22 4	21 33	3 29	18 53	4 28	10 27	0 29	1 38	3 8	20 29	0 48	21 12	1 32	0 28	0 46	9 15	0 41	21 30	0 2	23 23	23 24	8 27	14 36	0 57
S 12	21 56	23 35	2 28	19 1	4 21	10 2	0 23	1 50	3 9	20 31	0 48	21 13	1 32	0 28	0 46	9 16	0 41	21 30	0 2	23 23	23 24	8 25	14 37	0 57
M13	21 47	24 15	1 17	19 9	4 12	9 37	0 16	2 3	3 10	20 33	0 48	21 13	1 32	0 28	0 46	9 16	0 41	21 30	0 1	23 23	23 24	8 22	14 37	0 57
T 14	21 38	23 21	0s 2	19 18	4 3	9 12	0 10	2 16	3 11	20 35	0 48	21 14	1 32	0 28	0 46	9 16	0 42	21 30	0 1	23 23	23 24	8 19	14 38	0 57
W15	21 29	20 51	1 21	19 28	3 52	8 47	0 3	2 28	3 13	20 37	0 48	21 14	1 32	0 28	0 46	9 17	0 42	21 30	0 1	23 23	23 24	8 16	14 38	0 58
T 16	21 19	16 56	2 37	19 38	3 41	8 23	0s 4	2 40	3 14	20 39	0 48	21 15	1 32	0 28	0 46	9 17	0 42	21 29	0 1	23 23	23 24	8 14	14 38	0 58
F 17	21 9	11 54	3 42	19 49	3 29	7 58	0 11	2 53	3 15	20 41	0 48	21 16	1 32	0 27	0 46	9 18	0 42	21 29	0 1	23 23	23 24	8 11	14 39	0 58
S 18	20 59	6 10	4 32	20 0	3 17	7 33	0 19	3 5	3 16	20 43	0 48	21 16	1 32	0 27	0 46	9 18	0 42	21 29	0 1	23 23	23 24	8 8	14 39	0 58
S 19	20 48	0 10	5 3	20 11	3 4	7 8	0 26	3 17	3 17	20 45	0 48	21 17	1 32	0 27	0 46	9 18	0 42	21 29	0 1	23 23	23 24	8 5	14 39	0 58
M20	20 37	5s43	5 14	20 22	2 51	6 43	0 34	3 28	3 18	20 47	0 48	21 18	1 32	0 27	0 46	9 19	0 42	21 29	0 1	23 23	23 24	8 3	14 40	0 58
T 21	20 26	11 11	5 5	20 32	2 37	6 19	0 42	3 40	3 19	20 49	0 48	21 18	1 32	0 26	0 46	9 19	0 42	21 29	0 1	23 23	23 24	8 0	14 40	0 58
W22	20 14	15 55	4 39	20 43	2 23	5 54	0 50	3 52	3 20	20 50	0 48	21 19	1 32	0 26	0 46	9 20	0 42	21 28	0 1	23 23	23 24	7 57	14 40	0 58
T 23	20 2	19 44	3 58	20 53	2 9	5 30	0 58	4 3	3 21	20 52	0 48	21 19	1 32	0 26	0 46	9 20	0 42	21 28	0 1	23 23	23 24	7 54	14 41	0 59
F 24	19 49	22 26	3 5	21 2	1 55	5 5	1 7	4 14	3 22	20 54	0 48	21 20	1 32	0 25	0 46	9 21	0 42	21 28	0 1	23 23	23 24	7 52	14 41	0 59
S 25	19 37	23 55	2 5	21 10	1 40	4 41	1 15	4 26	3 23	20 56	0 48	21 20	1 32	0 25	0 46	9 21	0 42	21 28	0 1	23 23	23 24	7 49	14 41	0 59
S 26	19 24	24 10	0 59	21 17	1 26	4 17	1 24	4 37	3 24	20 57	0 48	21 21	1 32	0 25	0 46	9 22	0 42	21 28	0 1	23 23	23 24	7 46	14 42	0 59
M27	19 10	23 12	0n 8	21 23	1 11	3 54	1 33	4 48	3 25	20 59	0 48	21 21	1 32	0 24	0 46	9 22	0 42	21 27	0 1	23 23	23 25	7 43	14 42	0 59
T 28	18 56	21 9	1 14	21 27	0 57	3 30	1 42	4 58	3 26	21 0	0 48	21 22	1 32	0 24	0 46	9 23	0 42	21 27	0 1	23 23	23 25	7 41	14 42	0 59
W29	18 42	18 11	2 16	21 30	0 43	3 7	1 52	5 9	3 27	21 2	0 48	21 22	1 32	0 24	0 46	9 23	0 42	21 27	0 0	23 23	23 25	7 38	14 42	0 59
T 30	18 28	14 29	3 11	21 30	0 30	2 44	2 2	5 20	3 28	21 4	0 48	21 23	1 32	0 23	0 46	9 24	0 42	21 27	0 0	23 23	23 25	7 35	14 42	1 0
F 31	18n13	10s15	3n57	21n29	0s16	2n21	2s11	5n30	3s29	21n 5	0s48	21n23	1s32	0n23	0s46	9s24	0s42	21n27	0s 0	23s23	23s25	7s33	14n42	1s 0

Julian Day Number = 2516739.5, Delta T = 143.42 sec
Ecliptic obliquity = 23°24'58, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°14'05, Lahiri = 26°21'05

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2178
geocentric

AUGUST 2178 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 39 14	9♌ 3'29	4♓22	22♋50	19♍32	22♈59	9♊50	18♊37	2°R43	7°R27	23♋ 5	2°R39	1♉ 7	29♒34	12♉47	S 1
S 2	20 43 11	10° 0'50	16°14	24°35	20° 4	23°28	10° 0	18°43	2♈42	7♓26	23° 7	2♉32	1° 4	29°41	12°48	S 2
M 3	20 47 7	10°58'12	28° 8	26°23	20°35	23°58	10°10	18°49	2°40	7°24	23° 8	2°26	1° 1	29°48	12°49	M 3
T 4	20 51 4	11°55'35	10♈ 7	28°14	21° 5	24°27	10°20	18°55	2°39	7°23	23°10	2°21	0°58	29°54	12°50	T 4
W 5	20 55 0	12°52'59	22°15	0♌ 8	21°33	24°55	10°30	19° 0	2°38	7°22	23°11	2°17	0°55	0♓ 1	12°50	W 5
T 6	20 58 57	13°50'24	4♉36	2° 5	22° 0	25°24	10°40	19° 6	2°37	7°20	23°13	2°15	0°51	0° 8	12°51	T 6
F 7	21 2 53	14°47'51	17°13	4° 4	22°25	25°51	10°49	19°11	2°35	7°19	23°14	2°D14	0°48	0°15	12°51	F 7
S 8	21 6 50	15°45'19	0♊11	6° 4	22°49	26°19	10°59	19°17	2°34	7°17	23°16	2°15	0°45	0°21	12°52	S 8
S 9	21 10 46	16°42'48	13°33	8° 6	23°10	26°46	11° 8	19°22	2°33	7°16	23°17	2°16	0°42	0°28	12°52	S 9
M10	21 14 43	17°40'18	27°22	10° 9	23°30	27°12	11°18	19°28	2°31	7°14	23°19	2°R17	0°39	0°35	12°53	M10
T 11	21 18 40	18°37'50	11♋38	12°12	23°49	27°39	11°27	19°33	2°30	7°13	23°20	2°17	0°35	0°41	12°53	T 11
W12	21 22 36	19°35'23	26°20	14°16	24° 5	28° 4	11°36	19°38	2°28	7°11	23°21	2°15	0°32	0°48	12°53	W12
T 13	21 26 33	20°32'57	11♌23	16°20	24°19	28°29	11°45	19°43	2°26	7°10	23°23	2°11	0°29	0°55	12°54	T 13
F 14	21 30 29	21°30'32	26°37	18°24	24°32	28°54	11°54	19°48	2°25	7° 8	23°24	2° 5	0°26	1° 2	12°54	F 14
S 15	21 34 26	22°28'08	11♍52	20°27	24°42	29°18	12° 2	19°53	2°23	7° 6	23°26	1°57	0°23	1° 8	12°54	S 15
S 16	21 38 22	23°25'45	26°58	22°30	24°50	29°42	12°11	19°58	2°22	7° 5	23°27	1°50	0°20	1°15	12°54	S 16
M17	21 42 19	24°23'23	11♎46	24°32	24°57	0♉ 5	12°19	20° 3	2°20	7° 3	23°29	1°43	0°16	1°22	12°R54	M17
T 18	21 46 15	25°21'02	26° 8	26°33	25° 0	0°28	12°28	20° 8	2°18	7° 2	23°30	1°38	0°13	1°28	12°54	T 18
W19	21 50 12	26°18'42	10♏ 3	28°33	25°R 2	0°50	12°36	20°12	2°16	7° 0	23°31	1°35	0°10	1°35	12°54	W19
T 20	21 54 9	27°16'23	23°30	0♍31	25° 1	1°12	12°44	20°17	2°14	6°58	23°33	1°D33	0° 7	1°42	12°54	T 20
F 21	21 58 5	28°14'05	6♐32	2°29	24°58	1°33	12°52	20°21	2°13	6°57	23°34	1°33	0° 4	1°48	12°54	F 21
S 22	22 2 2	29°11'49	19°12	4°26	24°53	1°53	12°59	20°26	2°11	6°55	23°35	1°34	0° 0	1°55	12°53	S 22
S 23	22 5 58	0♍ 9'33	1♑34	6°21	24°45	2°13	13° 7	20°30	2° 9	6°54	23°37	1°R35	29♐57	2° 2	12°53	S 23
M24	22 9 55	1° 7'18	13°44	8°14	24°35	2°33	13°14	20°34	2° 7	6°52	23°38	1°34	29°54	2° 9	12°53	M24
T 25	22 13 51	2° 5'05	25°44	10° 7	24°22	2°51	13°22	20°38	2° 5	6°50	23°39	1°31	29°51	2°15	12°52	T 25
W26	22 17 48	3° 2'53	7♒39	11°58	24° 7	3° 9	13°29	20°42	2° 3	6°49	23°41	1°26	29°48	2°22	12°52	W26
T 27	22 21 44	4° 0'42	19°31	13°47	23°50	3°27	13°36	20°46	2° 1	6°47	23°42	1°18	29°45	2°29	12°51	T 27
F 28	22 25 41	4°58'32	1♓23	15°36	23°30	3°44	13°43	20°50	1°59	6°45	23°43	1° 8	29°41	2°35	12°50	F 28
S 29	22 29 38	5°56'24	13°15	17°23	23° 8	4° 0	13°49	20°54	1°57	6°44	23°44	0°56	29°38	2°42	12°50	S 29
S 30	22 33 34	6°54'17	25°10	19° 8	22°44	4°16	13°56	20°58	1°55	6°42	23°46	0°44	29°35	2°49	12°49	S 30
M31	22 37 31	7♍52'12	7♈ 8	20♍53	22♍18	4♉30	14♊ 2	21♊ 1	1♈53	6♓40	23♋47	0♉32	29♐32	2♓56	12♉48	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n58	5s39	4n33	21n26	0s 4	1n58	2s21	5n40	3s30	21n 7	0s48	21n24	1s32	0n22	0s46	9s25	0s42	21n26	0s 0	23s23	23s25	7s30	14n43	1s 0
S 2	17 43	0 51	4 58	21 20	0n 9	1 36	2 32	5 50	3 31	21 8	0 48	21 24	1 32	0 22	0 46	9 25	0 42	21 26	0 0	23 24	23 25	7 27	14 43	1 0
M 3	17 28	3n59	5 9	21 12	0 21	1 15	2 42	6 0	3 32	21 9	0 48	21 25	1 33	0 21	0 46	9 26	0 42	21 26	0 0	23 24	23 25	7 24	14 43	1 0
T 4	17 12	8 43	5 7	21 1	0 32	0 53	2 53	6 10	3 33	21 11	0 48	21 25	1 33	0 21	0 46	9 26	0 42	21 26	0 0	23 24	23 25	7 22	14 43	1 0
W 5	16 56	13 10	4 51	20 47	0 42	0 32	3 3	6 19	3 34	21 12	0 48	21 25	1 33	0 20	0 46	9 27	0 42	21 26	0 0	23 24	23 25	7 19	14 43	1 0
T 6	16 39	17 9	4 22	20 31	0 52	0 12	3 14	6 29	3 35	21 14	0 48	21 26	1 33	0 20	0 46	9 28	0 42	21 25	0n 0	23 24	23 25	7 16	14 43	1 0
F 7	16 23	20 28	3 40	20 13	1 1	0s 8	3 25	6 38	3 35	21 15	0 48	21 26	1 33	0 19	0 46	9 28	0 42	21 25	0 0	23 24	23 25	7 13	14 43	1 1
S 8	16 6	22 51	2 45	19 51	1 9	0 28	3 37	6 47	3 36	21 16	0 48	21 27	1 33	0 19	0 46	9 29	0 42	21 25	0 0	23 24	23 25	7 11	14 43	1 1
S 9	15 49	24 3	1 40	19 27	1 17	0 47	3 48	6 56	3 37	21 17	0 49	21 27	1 33	0 18	0 46	9 29	0 42	21 25	0 0	23 24	23 25	7 8	14 43	1 1
M10	15 31	23 50	0 27	19 1	1 23	1 6	4 0	7 5	3 38	21 19	0 49	21 27	1 33	0 17	0 46	9 30	0 42	21 25	0 0	23 24	23 25	7 5	14 43	1 1
T 11	15 14	22 4	0s50	18 32	1 29	1 24	4 11	7 13	3 39	21 20	0 49	21 28	1 33	0 17	0 46	9 30	0 42	21 24	0 0	23 24	23 25	7 2	14 43	1 1
W12	14 56	18 48	2 6	18 1	1 33	1 41	4 23	7 22	3 39	21 21	0 49	21 28	1 33	0 16	0 47	9 31	0 42	21 24	0 0	23 24	23 25	7 0	14 43	1 1
T 13	14 38	14 14	3 15	17 29	1 37	1 57	4 35	7 30	3 40	21 22	0 49	21 28	1 33	0 15	0 47	9 32	0 42	21 24	0 0	23 24	23 25	6 57	14 43	1 1
F 14	14 19	8 42	4 10	16 54	1 41	2 13	4 47	7 38	3 41	21 23	0 49	21 29	1 33	0 15	0 47	9 32	0 42	21 24	0 1	23 24	23 25	6 54	14 43	1 2
S 15	14 1	2 40	4 48	16 17	1 43	2 29	4 59	7 46	3 41	21 24	0 49	21 29	1 33	0 14	0 47	9 33	0 42	21 24	0 1	23 24	23 25	6 51	14 43	1 2
S 16	13 42	3s28	5 5	15 39	1 45	2 43	5 11	7 53	3 42	21 25	0 49	21 29	1 33	0 13	0 47	9 33	0 42	21 24	0 1	23 24	23 25	6 49	14 43	1 2
M17	13 23	9 17	5 2	14 59	1 45	2 56	5 23	8 1	3 43	21 26	0 49	21 29	1 33	0 13	0 47	9 34	0 42	21 23	0 1	23 24	23 25	6 46	14 43	1 2
T 18	13 4	14 25	4 39	14 19	1 46	3 9	5 35	8 8	3 43	21 27	0 49	21 30	1 34	0 12	0 47	9 35	0 42	21 23	0 1	23 24	23 25	6 43	14 42	1 2
W19	12 44	18 37	4 1	13 37	1 45	3 21	5 48	8 15	3 44	21 28	0 49	21 30	1 34	0 11	0 47	9 35	0 42	21 23	0 1	23 24	23 25	6 40	14 42	1 2
T 20	12 24	21 41	3 10	12 54	1 44	3 32	6 0	8 22	3 44	21 29	0 49	21 30	1 34	0 11	0 47	9 36	0 42	21 23	0 1	23 24	23 25	6 38	14 42	1 2
F 21	12 5	23 31	2 10	12 10	1 42	3 41	6 12	8 29	3 45	21 30	0 49	21 30	1 34	0 10	0 47	9 36	0 42	21 23	0 1	23 24	23 25	6 35	14 42	1 3
S 22	11 45	24 4	1 6	11 26	1 40	3 50	6 23	8 35	3 45	21 31	0 49	21 31	1 34	0 9	0 47	9 37	0 42	21 22	0 1	23 24	23 25	6 32	14 42	1 3
S 23	11 24	23 24	0 0	10 41	1 37	3 58	6 35	8 42	3 46	21 32	0 49	21 31	1 34	0 8	0 47	9 38	0 42	21 22	0 1	23 24	23 25	6 29	14 41	1 3
M24	11 4	21 38	1n 5	9 55	1 34	4 4	6 47	8 48	3 46	21 33	0 49	21 31	1 34	0 7	0 47	9 38	0 42	21 22	0 1	23 24	23 25	6 27	14 41	1 3
T 25	10 43	18 55	2 5	9 9	1 30	4 10	6 58	8 54	3 46	21 34	0 49	21 31	1 34	0 7	0 47	9 39	0 42	21 22	0 1	23 24	23 25	6 24	14 41	1 3
W26	10 23	15 26	3 0	8 23	1 26	4 14	7 9	9 0	3 47	21 35	0 49	21 31	1 34	0 6	0 47	9 40	0 42	21 22	0 1	23 25	23 25	6 21	14 41	1 3
T 27	10 2	11 22	3 46	7 37	1 21	4 17	7 19	9 5	3 47	21 36	0 49	21 32	1 34	0 5	0 47	9 40	0 42	21 22	0 1	23 25	23 25	6 18	14 40	1 3
F 28	9 41	6 52	4 23	6 51	1 16	4 18	7 30	9 11	3 47	21 36	0 50	21 32	1 34	0 4	0 47	9 41	0 42	21 22	0 1	23 25	23 25	6 16	14 40	1 4
S 29	9 19	2 8	4 48	6 4	1 11	4 19	7 39	9 16	3 48	21 37	0 50	21 32	1 34	0 3	0 47	9 41	0 42	21 21	0 1	23 25	23 25	6 13	14 40	1 4
S 30	8 58	2n41	5 1	5 18	1 5	4 18	7 48	9 21	3 48	21 38	0 50	21 32	1 35	0 3	0 47	9 42	0 42	21 21	0 1	23 25	23 25	6 10	14 39	1 4
M31	8n37	7n25	5n 0	4n31	0n59	4s15	7s57	9n26	3s48	21n38	0s50	21n32	1s35	0n 2	0s47	9s43	0s42	21n21	0n 2	23s25	23s25	6s 7	14n39	1s 4

Julian Day Number = 2516770.5, Delta T = 143.50 sec
Ecliptic obliquity = 23°24'58, Nutation = 0°00'19, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°14'09, Lahiri = 26°21'09

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2178
geocentric

SEPTEMBER 2178 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 41 27	8♍50'09	19♈13	22♍36	21°R50	4♉45	14♊ 8	21♊ 5	1°R50	6°R39	23♋48	0°R22	29♐29	3♓ 2	12°R47	T 1
W 2	22 45 24	9°48'07	1♉25	24°17	21♍20	4°58	14°14	21° 8	1♈48	6♓37	23°49	0♑14	29°26	3° 9	12♉47	W 2
T 3	22 49 20	10°46'07	13°48	25°58	20°49	5°11	14°20	21°11	1°46	6°36	23°50	0° 8	29°22	3°16	12°46	T 3
F 4	22 53 17	11°44'10	26°24	27°37	20°16	5°23	14°26	21°15	1°44	6°34	23°51	0° 5	29°19	3°22	12°45	F 4
S 5	22 57 13	12°42'14	9♊19	29°15	19°42	5°34	14°32	21°18	1°42	6°32	23°53	0°D 4	29°16	3°29	12°44	S 5
S 6	23 1 10	13°40'20	22°34	0♎52	19° 7	5°45	14°37	21°21	1°39	6°31	23°54	0°R 4	29°13	3°36	12°42	S 6
M 7	23 5 7	14°38'28	6♋14	2°27	18°31	5°54	14°42	21°24	1°37	6°29	23°55	0° 4	29°10	3°42	12°41	M 7
T 8	23 9 3	15°36'38	20°20	4° 1	17°54	6° 3	14°47	21°26	1°35	6°27	23°56	0° 3	29° 6	3°49	12°40	T 8
W 9	23 13 0	16°34'50	4♌53	5°35	17°17	6°11	14°52	21°29	1°33	6°26	23°57	29♐59	29° 3	3°56	12°39	W 9
T 10	23 16 56	17°33'04	19°48	7° 6	16°40	6°19	14°57	21°32	1°30	6°24	23°58	29°53	29° 0	4° 3	12°37	T 10
F 11	23 20 53	18°31'19	4♍58	8°37	16° 3	6°25	15° 2	21°34	1°28	6°23	23°59	29°44	28°57	4° 9	12°36	F 11
S 12	23 24 49	19°29'37	20°15	10° 6	15°26	6°31	15° 6	21°37	1°26	6°21	24° 0	29°34	28°54	4°16	12°35	S 12
S 13	23 28 46	20°27'56	5♎27	11°35	14°50	6°35	15°10	21°39	1°23	6°19	24° 1	29°23	28°51	4°23	12°33	S 13
M14	23 32 42	21°26'17	20°22	13° 2	14°15	6°39	15°14	21°41	1°21	6°18	24° 2	29°13	28°47	4°29	12°32	M14
T 15	23 36 39	22°24'39	4♏53	14°28	13°41	6°42	15°18	21°43	1°19	6°16	24° 3	29° 4	28°44	4°36	12°30	T 15
W16	23 40 35	23°23'04	18°56	15°52	13° 8	6°44	15°22	21°45	1°16	6°15	24° 4	28°59	28°41	4°43	12°28	W16
T 17	23 44 32	24°21'30	2♐29	17°15	12°36	6°46	15°25	21°47	1°14	6°13	24° 5	28°55	28°38	4°50	12°27	T 17
F 18	23 48 29	25°19'57	15°34	18°37	12° 6	6°R46	15°28	21°49	1°11	6°12	24° 5	28°54	28°35	4°56	12°25	F 18
S 19	23 52 25	26°18'26	28°14	19°58	11°38	6°46	15°32	21°51	1° 9	6°10	24° 6	28°54	28°32	5° 3	12°23	S 19
S 20	23 56 22	27°16'57	10♑35	21°17	11°11	6°44	15°34	21°52	1° 7	6° 9	24° 7	28°54	28°28	5°10	12°21	S 20
M21	0 0 18	28°15'29	22°41	22°35	10°47	6°42	15°37	21°54	1° 4	6° 7	24° 8	28°52	28°25	5°16	12°20	M21
T 22	0 4 15	29°14'03	4♒38	23°51	10°24	6°39	15°40	21°55	1° 2	6° 6	24° 9	28°49	28°22	5°23	12°18	T 22
W23	0 8 11	0♎12'39	16°30	25° 6	10° 4	6°35	15°42	21°57	0°59	6° 4	24°10	28°42	28°19	5°30	12°16	W23
T 24	0 12 8	1°11'16	28°20	26°19	9°46	6°30	15°44	21°58	0°57	6° 3	24°10	28°33	28°16	5°37	12°14	T 24
F 25	0 16 4	2° 9'56	10♓12	27°30	9°31	6°25	15°46	21°59	0°55	6° 1	24°11	28°21	28°12	5°43	12°12	F 25
S 26	0 20 1	3° 8'36	22° 8	28°40	9°18	6°18	15°48	22° 0	0°52	6° 0	24°12	28° 8	28° 9	5°50	12°10	S 26
S 27	0 23 58	4° 7'19	4♈ 9	29°48	9° 7	6°11	15°50	22° 1	0°50	5°58	24°12	27°54	28° 6	5°57	12° 7	S 27
M28	0 27 54	5° 6'04	16°16	0♏53	8°59	6° 2	15°51	22° 1	0°47	5°57	24°13	27°40	28° 3	6° 3	12° 5	M28
T 29	0 31 51	6° 4'51	28°31	1°57	8°54	5°53	15°52	22° 2	0°45	5°56	24°14	27°28	28° 0	6°10	12° 3	T 29
W30	0 35 47	7♎ 3'40	10♉54	2♏58	8♍50	5♉43	15♊53	22♊ 2	0♈43	5♓54	24♋14	27♐18	27♐57	6♓17	12♉ 1	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	8n15	11n55	4n46	3n45	0n53	4s12	8s 5	9n30	3s48	21n39	0s50	21n32	1s35	0n 1	0s47	9s43	0s42	21n21	0n 2	23s25	23s25	6s 5	14n39	1s 4	T 1
W 2	7 53	16 0	4 19	2 59	0 46	4 7	8 12	9 35	3 48	21 40	0 50	21 33	1 35	0s 0	0 47	9 44	0 42	21 21	0 2	23 25	23 25	6 2	14 38	1 4	W 2
T 3	7 31	19 27	3 39	2 13	0 40	4 1	8 19	9 39	3 48	21 40	0 50	21 33	1 35	0 1	0 47	9 45	0 42	21 21	0 2	23 25	23 25	5 59	14 38	1 4	T 3
F 4	7 9	22 4	2 48	1 27	0 33	3 53	8 25	9 43	3 48	21 41	0 50	21 33	1 35	0 2	0 47	9 45	0 42	21 21	0 2	23 25	23 25	5 56	14 37	1 5	F 4
S 5	6 47	23 36	1 48	0 42	0 26	3 45	8 30	9 47	3 48	21 42	0 50	21 33	1 35	0 3	0 47	9 46	0 42	21 20	0 2	23 25	23 25	5 54	14 37	1 5	S 5
S 6	6 25	23 52	0 40	0s 4	0 19	3 35	8 34	9 50	3 48	21 42	0 50	21 33	1 35	0 4	0 47	9 46	0 43	21 20	0 2	23 25	23 25	5 51	14 36	1 5	S 6
M 7	6 3	22 44	0s33	0 48	0 11	3 24	8 37	9 54	3 48	21 43	0 50	21 33	1 35	0 4	0 47	9 47	0 43	21 20	0 2	23 25	23 25	5 48	14 36	1 5	M 7
T 8	5 40	20 9	1 45	1 33	0 4	3 12	8 40	9 57	3 47	21 43	0 50	21 33	1 35	0 5	0 47	9 48	0 43	21 20	0 2	23 25	23 25	5 45	14 35	1 5	T 8
W 9	5 18	16 14	2 53	2 17	0s 4	2 59	8 41	10 0	3 47	21 44	0 50	21 33	1 35	0 6	0 47	9 48	0 43	21 20	0 2	23 25	23 25	5 43	14 35	1 5	W 9
T 10	4 55	11 13	3 51	3 0	0 12	2 46	8 42	10 2	3 47	21 44	0 50	21 33	1 36	0 7	0 47	9 49	0 43	21 20	0 2	23 25	23 25	5 40	14 34	1 5	T 10
F 11	4 32	5 26	4 33	3 43	0 20	2 31	8 41	10 5	3 46	21 45	0 50	21 33	1 36	0 8	0 47	9 49	0 43	21 20	0 2	23 25	23 25	5 37	14 34	1 6	F 11
S 12	4 9	0s42	4 57	4 25	0 28	2 16	8 40	10 7	3 46	21 45	0 50	21 33	1 36	0 9	0 47	9 50	0 43	21 20	0 2	23 25	23 25	5 34	14 33	1 6	S 12
S 13	3 46	6 44	4 59	5 7	0 36	2 0	8 38	10 9	3 45	21 45	0 50	21 34	1 36	0 10	0 47	9 51	0 43	21 19	0 2	23 25	23 25	5 32	14 33	1 6	S 13
M14	3 24	12 17	4 41	5 49	0 44	1 44	8 35	10 11	3 45	21 46	0 51	21 34	1 36	0 11	0 47	9 51	0 43	21 19	0 2	23 25	23 25	5 29	14 32	1 6	M14
T 15	3 1	16 59	4 5	6 29	0 52	1 27	8 30	10 13	3 44	21 46	0 51	21 34	1 36	0 12	0 47	9 52	0 43	21 19	0 2	23 25	23 25	5 26	14 31	1 6	T 15
W16	2 37	20 33	3 14	7 10	1 0	1 10	8 26	10 14	3 43	21 46	0 51	21 34	1 36	0 13	0 47	9 52	0 43	21 19	0 3	23 25	23 25	5 23	14 31	1 6	W16
T 17	2 14	22 50	2 15	7 49	1 8	0 53	8 20	10 15	3 42	21 47	0 51	21 34	1 36	0 14	0 47	9 53	0 43	21 19	0 3	23 25	23 25	5 21	14 30	1 6	T 17
F 18	1 51	23 48	1 10	8 28	1 16	0 36	8 13	10 16	3 42	21 47	0 51	21 34	1 36	0 15	0 47	9 53	0 43	21 19	0 3	23 25	23 25	5 18	14 30	1 7	F 18
S 19	1 28	23 28	0 4	9 6	1 24	0 18	8 6	10 17	3 41	21 47	0 51	21 34	1 36	0 16	0 47	9 54	0 43	21 19	0 3	23 25	23 24	5 15	14 29	1 7	S 19
S 20	1 5	21 59	1n 1	9 43	1 32	0 1	7 58	10 18	3 40	21 48	0 51	21 34	1 37	0 17	0 47	9 55	0 43	21 19	0 3	23 25	23 24	5 12	14 28	1 7	S 20
M21	0 42	19 30	2 2	10 19	1 40	0n16	7 50	10 18	3 38	21 48	0 51	21 34	1 37	0 18	0 47	9 55	0 43	21 19	0 3	23 25	23 24	5 10	14 28	1 7	M21
T 22	0 18	16 14	2 57	10 55	1 48	0 32	7 41	10 18	3 37	21 48	0 51	21 34	1 37	0 19	0 47	9 56	0 43	21 19	0 3	23 25	23 24	5 7	14 27	1 7	T 22
W23	0s 5	12 20	3 43	11 30	1 56	0 49	7 31	10 18	3 36	21 48	0 51	21 34	1 37	0 20	0 47	9 56	0 43	21 19	0 3	23 25	23 24	5 4	14 26	1 7	W23
T 24	0 28	7 59	4 20	12 4	2 3	1 5	7 21	10 18	3 34	21 48	0 51	21 34	1 37	0 20	0 47	9 57	0 43	21 18	0 3	23 24	23 24	5 1	14 25	1 7	T 24
F 25	0 52	3 20	4 45	12 37	2 11	1 20	7 11	10 17	3 33	21 48	0 51	21 33	1 37	0 21	0 47	9 57	0 43	21 18	0 3	23 24	23 24	4 59	14 25	1 7	F 25
S 26	1 15	1n27	4 58	13 8	2 18	1 35	7 0	10 17	3 31	21 49	0 51	21 33	1 37	0 22	0 47	9 58	0 43	21 18	0 3	23 24	23 24	4 56	14 24	1 8	S 26
S 27	1 38	6 12	4 58	13 39	2 25	1 49	6 49	10 16	3 30	21 49	0 51	21 33	1 37	0 23	0 47	9 58	0 43	21 18	0 3	23 24	23 24	4 53	14 23	1 8	S 27
M28	2 1	10 46	4 44	14 9	2 32	2 2	6 38	10 15	3 28	21 49	0 51	21 33	1 37	0 24	0 47	9 59	0 43	21 18	0 3	23 24	23 24	4 50	14 22	1 8	M28
T 29	2 25	14 57	4 17	14 37	2 39	2 15	6 26	10 14	3 26	21 49	0 51	21 33	1 38	0 25	0 47	9 59	0 43	21 18	0 3	23 24	23 24	4 48	14 22	1 8	T 29
W30	2s48	18n32	3n38	15s 5	2s46	2n27	6s14	10n12	3s24	21n49	0s52	21n33	1s38	0s26	0s47	10s 0	0s43	21n18	0n 3	23s23	23s24	4s45	14n21	1s 8	W30

Julian Day Number = 2516801.5, Delta T = 143.57 sec
Ecliptic obliquity = 23°24'58, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°14'13, Lahiri = 26°21'14

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2178
geocentric

OCTOBER 2178 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 39 44	8♎ 2'31	23♉27	3♏56	8°D49	5°R33	15♊54	22♊ 3	0°R40	5°R53	24♋15	27°R12	27♐53	6♓24	11°R59	T 1
F 2	0 43 40	9° 1'25	6♊11	4°52	8♍51	5♉21	15°54	22° 3	0♈38	5♓52	24°16	27♐ 8	27°50	6°30	11♉56	F 2
S 3	0 47 37	10° 0'20	19° 9	5°45	8°55	5° 9	15°55	22° 3	0°36	5°50	24°16	27° 6	27°47	6°37	11°54	S 3
S 4	0 51 33	10°59'18	2♋24	6°35	9° 1	4°56	15°R55	22°R 3	0°33	5°49	24°17	27°D 6	27°44	6°44	11°52	S 4
M 5	0 55 30	11°58'19	15°59	7°21	9° 9	4°42	15°55	22° 3	0°31	5°48	24°17	27°R 6	27°41	6°50	11°49	M 5
T 6	0 59 27	12°57'21	29°54	8° 3	9°20	4°28	15°55	22° 3	0°28	5°46	24°18	27° 5	27°37	6°57	11°47	T 6
W 7	1 3 23	13°56'26	14♌12	8°42	9°33	4°13	15°54	22° 3	0°26	5°45	24°18	27° 2	27°34	7° 4	11°44	W 7
T 8	1 7 20	14°55'34	28°50	9°15	9°48	3°57	15°54	22° 2	0°24	5°44	24°18	26°57	27°31	7°11	11°42	T 8
F 9	1 11 16	15°54'43	13♍43	9°44	10° 4	3°41	15°53	22° 2	0°22	5°43	24°19	26°49	27°28	7°17	11°39	F 9
S 10	1 15 13	16°53'55	28°44	10° 8	10°23	3°24	15°52	22° 1	0°19	5°42	24°19	26°39	27°25	7°24	11°36	S 10
S 11	1 19 9	17°53'08	13♎44	10°26	10°44	3° 7	15°50	22° 1	0°17	5°41	24°20	26°28	27°22	7°31	11°34	S 11
M12	1 23 6	18°52'24	28°33	10°37	11° 7	2°49	15°49	22° 0	0°15	5°40	24°20	26°18	27°18	7°37	11°31	M12
T 13	1 27 2	19°51'42	13♏ 2	10°R42	11°31	2°31	15°47	21°59	0°12	5°38	24°20	26°10	27°15	7°44	11°29	T 13
W14	1 30 59	20°51'02	27° 6	10°39	11°57	2°12	15°46	21°58	0°10	5°37	24°21	26° 4	27°12	7°51	11°26	W14
T 15	1 34 56	21°50'24	10♐43	10°29	12°25	1°53	15°43	21°57	0° 8	5°36	24°21	26° 1	27° 9	7°58	11°23	T 15
F 16	1 38 52	22°49'47	23°52	10°11	12°54	1°34	15°41	21°55	0° 6	5°35	24°21	26°D 0	27° 6	8° 4	11°20	F 16
S 17	1 42 49	23°49'13	6♑36	9°45	13°25	1°15	15°39	21°54	0° 4	5°34	24°21	26° 0	27° 3	8°11	11°18	S 17
S 18	1 46 45	24°48'40	19° 0	9°10	13°57	0°55	15°36	21°53	0° 2	5°34	24°21	26°R 1	26°59	8°18	11°15	S 18
M19	1 50 42	25°48'09	1♒ 8	8°26	14°31	0°36	15°33	21°51	29♓59	5°33	24°22	26° 1	26°56	8°24	11°12	M19
T 20	1 54 38	26°47'39	13° 5	7°35	15° 6	0°16	15°30	21°49	29°57	5°32	24°22	25°59	26°53	8°31	11° 9	T 20
W21	1 58 35	27°47'11	24°57	6°36	15°42	29♈57	15°27	21°48	29°55	5°31	24°22	25°55	26°50	8°38	11° 6	W21
T 22	2 2 31	28°46'45	6♓48	5°31	16°20	29°37	15°24	21°46	29°53	5°30	24°22	25°49	26°47	8°45	11° 4	T 22
F 23	2 6 28	29°46'21	18°42	4°21	16°59	29°17	15°20	21°44	29°51	5°29	24°22	25°41	26°43	8°51	11° 1	F 23
S 24	2 10 25	0♏45'59	0♈42	3° 7	17°39	28°58	15°16	21°42	29°49	5°28	24°22	25°31	26°40	8°58	10°58	S 24
S 25	2 14 21	1°45'38	12°51	1°52	18°21	28°39	15°12	21°39	29°47	5°28	24°R22	25°21	26°37	9° 5	10°55	S 25
M26	2 18 18	2°45'20	25° 9	0°38	19° 3	28°20	15° 8	21°37	29°46	5°27	24°22	25°11	26°34	9°11	10°52	M26
T 27	2 22 14	3°45'03	7♉38	29♎26	19°46	28° 1	15° 4	21°35	29°44	5°26	24°22	25° 2	26°31	9°18	10°49	T 27
W28	2 26 11	4°44'48	20°18	28°20	20°31	27°43	14°59	21°32	29°42	5°26	24°22	24°55	26°28	9°25	10°46	W28
T 29	2 30 7	5°44'36	3♊ 8	27°22	21°17	27°25	14°55	21°30	29°40	5°25	24°22	24°50	26°24	9°32	10°43	T 29
F 30	2 34 4	6°44'26	16°10	26°32	22° 3	27° 7	14°50	21°27	29°38	5°24	24°22	24°48	26°21	9°38	10°40	F 30
S 31	2 38 0	7♏44'17	29♊24	25♎52	22♍51	26♈50	14♊45	21♊24	29♓37	5♓24	24♋22	24°D48	26♐18	9♓45	10♉37	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3s11	21n19	2n48	15s31	2s52	2n39	6s 3	10n11	3s22	21n49	0s52	21n33	1s38	0s27	0s47	10s 0	0s43	21n18	0n 3	23s23	23s24	4s42	14n20	1s 8
F 2	3 34	23 6	1 48	15 55	2 58	2 49	5 51	10 9	3 20	21 49	0 52	21 33	1 38	0 28	0 47	10 1	0 43	21 18	0 4	23 23	23 24	4 39	14 19	1 8
S 3	3 58	23 40	0 42	16 18	3 3	2 59	5 39	10 7	3 18	21 49	0 52	21 33	1 38	0 29	0 47	10 1	0 43	21 18	0 4	23 23	23 24	4 37	14 18	1 8
S 4	4 21	22 56	0s28	16 40	3 8	3 8	5 27	10 5	3 15	21 49	0 52	21 33	1 38	0 30	0 47	10 2	0 43	21 18	0 4	23 23	23 24	4 34	14 17	1 9
M 5	4 44	20 50	1 38	16 59	3 13	3 16	5 15	10 3	3 13	21 49	0 52	21 33	1 38	0 31	0 47	10 2	0 43	21 18	0 4	23 23	23 24	4 31	14 17	1 9
T 6	5 7	17 28	2 45	17 17	3 17	3 23	5 2	10 0	3 10	21 49	0 52	21 33	1 38	0 32	0 47	10 3	0 43	21 18	0 4	23 23	23 24	4 28	14 16	1 9
W 7	5 30	13 0	3 42	17 33	3 21	3 30	4 50	9 58	3 8	21 49	0 52	21 33	1 38	0 33	0 47	10 3	0 43	21 18	0 4	23 23	23 24	4 26	14 15	1 9
T 8	5 53	7 42	4 27	17 47	3 24	3 35	4 38	9 55	3 5	21 49	0 52	21 32	1 38	0 34	0 47	10 4	0 43	21 18	0 4	23 23	23 24	4 23	14 14	1 9
F 9	6 15	1 52	4 54	17 58	3 26	3 40	4 27	9 53	3 2	21 48	0 52	21 32	1 38	0 34	0 47	10 4	0 43	21 18	0 4	23 23	23 24	4 20	14 13	1 9
S 10	6 38	4s 7	5 2	18 7	3 27	3 44	4 15	9 50	2 59	21 48	0 52	21 32	1 39	0 35	0 47	10 4	0 43	21 18	0 4	23 22	23 23	4 17	14 12	1 9
S 11	7 1	9 50	4 49	18 13	3 28	3 47	4 3	9 47	2 56	21 48	0 52	21 32	1 39	0 36	0 47	10 5	0 43	21 18	0 4	23 22	23 23	4 15	14 11	1 9
M12	7 23	14 56	4 16	18 16	3 27	3 49	3 52	9 44	2 53	21 48	0 52	21 32	1 39	0 37	0 47	10 5	0 42	21 18	0 4	23 22	23 23	4 12	14 10	1 9
T 13	7 46	19 2	3 28	18 16	3 26	3 51	3 40	9 40	2 50	21 48	0 52	21 32	1 39	0 38	0 47	10 6	0 42	21 18	0 4	23 22	23 23	4 9	14 9	1 10
W14	8 8	21 53	2 27	18 13	3 23	3 51	3 29	9 37	2 47	21 47	0 52	21 32	1 39	0 39	0 47	10 6	0 42	21 18	0 4	23 21	23 23	4 6	14 8	1 10
T 15	8 30	23 22	1 21	18 6	3 19	3 51	3 18	9 34	2 43	21 47	0 52	21 31	1 39	0 40	0 47	10 6	0 42	21 18	0 4	23 21	23 23	4 4	14 7	1 10
F 16	8 52	23 28	0 11	17 55	3 13	3 50	3 7	9 31	2 40	21 47	0 52	21 31	1 39	0 41	0 47	10 7	0 42	21 18	0 4	23 21	23 23	4 1	14 7	1 10
S 17	9 14	22 19	0n56	17 39	3 6	3 48	2 56	9 27	2 36	21 47	0 52	21 31	1 39	0 41	0 47	10 7	0 42	21 18	0 5	23 21	23 23	3 58	14 6	1 10
S 18	9 36	20 6	2 0	17 20	2 57	3 46	2 45	9 24	2 33	21 46	0 52	21 31	1 39	0 42	0 47	10 7	0 42	21 18	0 5	23 21	23 23	3 56	14 5	1 10
M19	9 58	17 1	2 56	16 55	2 46	3 43	2 35	9 21	2 29	21 46	0 52	21 31	1 39	0 43	0 47	10 8	0 42	21 18	0 5	23 21	23 23	3 53	14 4	1 10
T 20	10 19	13 17	3 44	16 27	2 34	3 39	2 24	9 17	2 25	21 46	0 52	21 31	1 39	0 44	0 47	10 8	0 42	21 18	0 5	23 21	23 23	3 50	14 3	1 10
W21	10 41	9 4	4 22	15 54	2 19	3 34	2 14	9 14	2 21	21 45	0 52	21 30	1 40	0 45	0 47	10 8	0 42	21 18	0 5	23 21	23 23	3 47	14 2	1 10
T 22	11 2	4 32	4 49	15 17	2 3	3 29	2 4	9 11	2 18	21 45	0 52	21 30	1 40	0 45	0 47	10 9	0 42	21 18	0 5	23 21	23 23	3 45	14 1	1 11
F 23	11 23	0n11	5 3	14 37	1 46	3 23	1 54	9 7	2 14	21 44	0 52	21 30	1 40	0 46	0 47	10 9	0 42	21 18	0 5	23 21	23 23	3 42	14 0	1 11
S 24	11 44	4 55	5 4	13 54	1 27	3 16	1 45	9 4	2 10	21 44	0 52	21 30	1 40	0 47	0 47	10 9	0 42	21 18	0 5	23 20	23 22	3 39	13 59	1 11
S 25	12 4	9 32	4 51	13 9	1 7	3 9	1 35	9 1	2 6	21 44	0 53	21 30	1 40	0 48	0 47	10 9	0 42	21 18	0 5	23 20	23 22	3 36	13 58	1 11
M26	12 25	13 50	4 25	12 24	0 46	3 1	1 26	8 58	2 2	21 43	0 53	21 29	1 40	0 48	0 47	10 10	0 42	21 18	0 5	23 20	23 22	3 34	13 57	1 11
T 27	12 45	17 36	3 46	11 40	0 26	2 52	1 17	8 55	1 58	21 43	0 53	21 29	1 40	0 49	0 47	10 10	0 42	21 18	0 5	23 19	23 22	3 31	13 56	1 11
W28	13 5	20 36	2 55	10 57	0 5	2 43	1 8	8 53	1 54	21 42	0 53	21 29	1 40	0 50	0 46	10 10	0 42	21 19	0 5	23 19	23 22	3 28	13 55	1 11
T 29	13 25	22 38	1 54	10 18	0n15	2 33	0 59	8 50	1 50	21 42	0 53	21 29	1 40	0 51	0 46	10 10	0 42	21 19	0 5	23 19	23 22	3 25	13 54	1 11
F 30	13 45	23 28	0 46	9 42	0 34	2 22	0 51	8 47	1 46	21 41	0 53	21 29	1 40	0 51	0 46	10 11	0 42	21 19	0 5	23 19	23 22	3 23	13 53	1 11
S 31	14s 5	23n 0	0s25	9s11	0n51	2n11	0s43	8n45	1s42	21n40	0s53	21n28	1s40	0s52	0s46	10s11	0s42	21n19	0n 5	23s19	23s22	3s20	13n52	1s11

Julian Day Number = 2516831.5, Delta T = 143.64 sec
Ecliptic obliquity = 23°24'58, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°14'17, Lahiri = 26°21'18

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2178
geocentric

NOVEMBER 2178 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 41 57	8♏44'11	12♋50	25°R23	23♍39	26°R33	14°R39	21°R21	29°R35	5°R23	24°R22	24♐49	26♐15	9♓52	10°R34	S 1
M 2	2 45 54	9°44'07	26°29	25♎ 6	24°28	26♈17	14♊34	21♊18	29♓33	5♓23	24♋21	24°50	26°12	9°58	10♉31	M 2
T 3	2 49 50	10°44'05	10♌22	25°D 0	25°18	26° 2	14°28	21°15	29°31	5°22	24°21	24°R50	26° 9	10° 5	10°28	T 3
W 4	2 53 47	11°44'06	24°29	25° 6	26° 9	25°47	14°23	21°12	29°30	5°22	24°21	24°50	26° 5	10°12	10°25	W 4
T 5	2 57 43	12°44'08	8♍49	25°22	27° 0	25°32	14°17	21° 9	29°28	5°22	24°21	24°47	26° 2	10°19	10°23	T 5
F 6	3 1 40	13°44'13	23°19	25°48	27°53	25°19	14°11	21° 6	29°27	5°21	24°20	24°43	25°59	10°25	10°20	F 6
S 7	3 5 36	14°44'20	7♎54	26°24	28°46	25° 6	14° 5	21° 2	29°25	5°21	24°20	24°37	25°56	10°32	10°17	S 7
S 8	3 9 33	15°44'29	22°29	27° 8	29°40	24°53	13°58	20°59	29°24	5°21	24°20	24°31	25°53	10°39	10°14	S 8
M 9	3 13 29	16°44'39	6♏56	27°59	0♎34	24°42	13°52	20°55	29°22	5°20	24°19	24°25	25°49	10°45	10°11	M 9
T 10	3 17 26	17°44'52	21° 9	28°57	1°29	24°31	13°45	20°51	29°21	5°20	24°19	24°20	25°46	10°52	10° 8	T 10
W11	3 21 22	18°45'07	5♐ 2	0♏ 1	2°25	24°21	13°39	20°48	29°20	5°20	24°19	24°16	25°43	10°59	10° 5	W11
T 12	3 25 19	19°45'23	18°34	1°10	3°21	24°11	13°32	20°44	29°18	5°20	24°18	24°D15	25°40	11° 6	10° 2	T 12
F 13	3 29 16	20°45'41	1♑42	2°23	4°18	24° 3	13°25	20°40	29°17	5°20	24°18	24°15	25°37	11°12	9°59	F 13
S 14	3 33 12	21°46'00	14°28	3°40	5°15	23°55	13°18	20°36	29°16	5°19	24°17	24°16	25°34	11°19	9°56	S 14
S 15	3 37 9	22°46'21	26°54	5° 1	6°13	23°48	13°11	20°32	29°15	5°19	24°17	24°18	25°30	11°26	9°53	S 15
M16	3 41 5	23°46'43	9♒ 5	6°23	7°11	23°42	13° 3	20°28	29°14	5°D19	24°16	24°20	25°27	11°32	9°50	M16
T 17	3 45 2	24°47'06	21° 5	7°48	8°10	23°37	12°56	20°24	29°13	5°19	24°16	24°R21	25°24	11°39	9°48	T 17
W18	3 48 58	25°47'31	2♓58	9°15	9° 9	23°32	12°49	20°20	29°12	5°19	24°15	24°20	25°21	11°46	9°45	W18
T 19	3 52 55	26°47'57	14°50	10°44	10° 9	23°29	12°41	20°15	29°11	5°19	24°15	24°19	25°18	11°53	9°42	T 19
F 20	3 56 52	27°48'25	26°46	12°14	11° 9	23°26	12°33	20°11	29°10	5°20	24°14	24°16	25°15	11°59	9°39	F 20
S 21	4 0 48	28°48'54	8♈49	13°44	12°10	23°24	12°26	20° 7	29° 9	5°20	24°13	24°13	25°11	12° 6	9°36	S 21
S 22	4 4 45	29°49'24	21° 3	15°16	13°11	23°23	12°18	20° 2	29° 8	5°20	24°13	24° 8	25° 8	12°13	9°34	S 22
M23	4 8 41	0♐49'56	3♉30	16°48	14°13	23°D22	12°10	19°58	29° 7	5°20	24°12	24° 4	25° 5	12°20	9°31	M23
T 24	4 12 38	1°50'29	16°12	18°21	15°15	23°23	12° 2	19°53	29° 7	5°20	24°11	24° 1	25° 2	12°26	9°28	T 24
W25	4 16 34	2°51'03	29° 9	19°54	16°17	23°24	11°54	19°49	29° 6	5°21	24°11	23°58	24°59	12°33	9°26	W25
T 26	4 20 31	3°51'39	12♊22	21°28	17°20	23°26	11°46	19°44	29° 5	5°21	24°10	23°57	24°55	12°40	9°23	T 26
F 27	4 24 27	4°52'16	25°48	23° 1	18°23	23°29	11°38	19°39	29° 5	5°21	24° 9	23°D56	24°52	12°46	9°20	F 27
S 28	4 28 24	5°52'55	9♋27	24°35	19°26	23°32	11°30	19°35	29° 4	5°22	24° 8	23°57	24°49	12°53	9°18	S 28
S 29	4 32 21	6°53'36	23°16	26° 9	20°30	23°37	11°22	19°30	29° 4	5°22	24° 8	23°58	24°46	13° 0	9°15	S 29
M30	4 36 17	7♐54'18	7♌14	27♏43	21♎34	23♈42	11♊14	19♊25	29♓ 3	5♓22	24♋ 7	23♐59	24♐43	13♓ 7	9♉13	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s24	21n12	1s36	8s46	1n 7	1n59	0s35	8n43	1s38	21n40	0s53	21n28	1s40	0s53	0s46	10s11	0s42	21n19	0n 5	23s19	23s22	3s17	13n51	1s12
M 2	14 43	18 10	2 43	8 26	1 21	1 47	0 27	8 41	1 34	21 39	0 53	21 28	1 40	0 53	0 46	10 11	0 42	21 19	0 6	23 19	23 22	3 14	13 50	1 12
T 3	15 2	14 4	3 41	8 13	1 34	1 35	0 19	8 39	1 30	21 39	0 53	21 28	1 40	0 54	0 46	10 11	0 42	21 19	0 6	23 19	23 22	3 12	13 49	1 12
W 4	15 20	9 8	4 27	8 5	1 45	1 21	0 11	8 37	1 26	21 38	0 53	21 27	1 40	0 54	0 46	10 11	0 42	21 19	0 6	23 19	23 21	3 9	13 48	1 12
T 5	15 39	3 39	4 58	8 2	1 54	1 8	0 4	8 36	1 22	21 37	0 52	21 27	1 40	0 55	0 46	10 12	0 42	21 19	0 6	23 19	23 21	3 6	13 47	1 12
F 6	15 57	2s 5	5 9	8 5	2 1	0 53	0n 3	8 35	1 18	21 37	0 52	21 27	1 40	0 56	0 46	10 12	0 42	21 19	0 6	23 19	23 21	3 4	13 46	1 12
S 7	16 15	7 45	5 1	8 13	2 6	0 39	0 10	8 33	1 14	21 36	0 52	21 27	1 40	0 56	0 46	10 12	0 42	21 20	0 6	23 18	23 21	3 1	13 45	1 12
S 8	16 32	12 58	4 34	8 25	2 11	0 24	0 17	8 33	1 10	21 35	0 52	21 26	1 41	0 57	0 46	10 12	0 42	21 20	0 6	23 18	23 21	2 58	13 44	1 12
M 9	16 49	17 25	3 49	8 40	2 13	0 8	0 24	8 32	1 6	21 35	0 52	21 26	1 41	0 57	0 46	10 12	0 42	21 20	0 6	23 18	23 21	2 55	13 43	1 12
T 10	17 6	20 46	2 50	8 59	2 15	0s 8	0 30	8 32	1 2	21 34	0 52	21 26	1 41	0 58	0 46	10 12	0 42	21 20	0 6	23 18	23 21	2 53	13 42	1 12
W11	17 23	22 48	1 43	9 21	2 15	0 24	0 36	8 31	0 58	21 33	0 52	21 25	1 41	0 58	0 46	10 12	0 42	21 20	0 6	23 18	23 21	2 50	13 41	1 12
T 12	17 39	23 26	0 31	9 46	2 15	0 41	0 42	8 31	0 55	21 32	0 52	21 25	1 41	0 59	0 46	10 12	0 42	21 20	0 6	23 17	23 21	2 47	13 40	1 12
F 13	17 56	22 44	0n41	10 12	2 13	0 58	0 48	8 32	0 51	21 31	0 52	21 25	1 41	0 59	0 46	10 12	0 42	21 20	0 6	23 17	23 21	2 44	13 39	1 12
S 14	18 11	20 50	1 48	10 41	2 11	1 15	0 54	8 32	0 47	21 31	0 52	21 25	1 41	1 0	0 46	10 12	0 42	21 20	0 6	23 18	23 20	2 42	13 38	1 13
S 15	18 27	17 59	2 49	11 10	2 8	1 33	1 0	8 33	0 44	21 30	0 52	21 24	1 41	1 0	0 46	10 12	0 42	21 21	0 6	23 18	23 20	2 39	13 37	1 13
M16	18 42	14 25	3 41	11 41	2 4	1 51	1 5	8 34	0 40	21 29	0 52	21 24	1 41	1 0	0 46	10 12	0 42	21 21	0 6	23 18	23 20	2 36	13 36	1 13
T 17	18 57	10 19	4 22	12 13	2 0	2 10	1 10	8 36	0 37	21 28	0 52	21 24	1 41	1 1	0 46	10 12	0 42	21 21	0 7	23 18	23 20	2 34	13 35	1 13
W18	19 11	5 52	4 52	12 45	1 55	2 28	1 15	8 37	0 33	21 27	0 52	21 23	1 41	1 1	0 46	10 12	0 42	21 21	0 7	23 18	23 20	2 31	13 34	1 13
T 19	19 25	1 12	5 9	13 17	1 50	2 47	1 20	8 39	0 30	21 26	0 52	21 23	1 41	1 2	0 46	10 12	0 42	21 21	0 7	23 18	23 20	2 28	13 33	1 13
F 20	19 39	3n30	5 13	13 50	1 44	3 6	1 25	8 41	0 26	21 25	0 52	21 23	1 41	1 2	0 46	10 12	0 42	21 21	0 7	23 18	23 20	2 25	13 32	1 13
S 21	19 53	8 8	5 3	14 23	1 38	3 26	1 29	8 43	0 23	21 25	0 52	21 22	1 41	1 2	0 46	10 12	0 42	21 22	0 7	23 17	23 20	2 23	13 31	1 13
S 22	20 6	12 31	4 40	14 56	1 32	3 46	1 34	8 46	0 20	21 24	0 52	21 22	1 41	1 3	0 46	10 12	0 42	21 22	0 7	23 17	23 20	2 20	13 30	1 13
M23	20 18	16 28	4 3	15 28	1 26	4 6	1 38	8 49	0 17	21 23	0 52	21 22	1 41	1 3	0 46	10 12	0 42	21 22	0 7	23 17	23 19	2 17	13 29	1 13
T 24	20 31	19 45	3 13	16 0	1 19	4 26	1 42	8 52	0 14	21 22	0 51	21 22	1 41	1 3	0 46	10 12	0 42	21 22	0 7	23 17	23 19	2 15	13 29	1 13
W25	20 43	22 6	2 12	16 32	1 13	4 46	1 46	8 55	0 11	21 21	0 51	21 21	1 41	1 3	0 46	10 12	0 42	21 22	0 7	23 17	23 19	2 12	13 28	1 13
T 26	20 54	23 18	1 3	17 3	1 6	5 7	1 50	8 58	0 8	21 20	0 51	21 21	1 41	1 4	0 46	10 12	0 42	21 23	0 7	23 17	23 19	2 9	13 27	1 13
F 27	21 5	23 11	0s10	17 33	0 59	5 27	1 53	9 2	0 5	21 19	0 51	21 21	1 40	1 4	0 45	10 11	0 42	21 23	0 7	23 17	23 19	2 6	13 26	1 13
S 28	21 16	21 40	1 25	18 3	0 52	5 48	1 56	9 6	0 2	21 18	0 51	21 20	1 40	1 4	0 45	10 11	0 42	21 23	0 7	23 17	23 19	2 4	13 25	1 13
S 29	21 26	18 52	2 35	18 32	0 45	6 9	2 0	9 10	0n 1	21 17	0 51	21 20	1 40	1 4	0 45	10 11	0 42	21 23	0 7	23 17	23 19	2 1	13 24	1 13
M30	21s36	14n57	3s37	19s 1	0n38	6s30	2n 3	9n14	0n 3	21n16	0s51	21n20	1s40	1s 4	0s45	10s11	0s42	21n23	0n 7	23s17	23s19	1s58	13n23	1s13

Julian Day Number = 2516862.5, Delta T = 143.71 sec
Ecliptic obliquity = 23°24'57, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°14'22, Lahiri = 26°21'22

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2178
geocentric

DECEMBER 2178 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 40 14	8♐55'01	21♌18	29♏18	22♎38	23♈47	11°R 5	19°R20	29°R 3	5♓23	24°R 6	24♐ 0	24♐40	13♓13	9°R10	T 1
W 2	4 44 10	9°55'46	5♍27	0♐52	23°43	23°54	10♊57	19♊16	29♓ 2	5°23	24♋ 5	24°R 1	24°36	13°20	9♉ 8	W 2
T 3	4 48 7	10°56'33	19°39	2°26	24°48	24° 1	10°49	19°11	29° 2	5°24	24° 4	24° 1	24°33	13°27	9° 5	T 3
F 4	4 52 3	11°57'21	3♎51	4° 0	25°53	24° 9	10°41	19° 6	29° 2	5°25	24° 3	24° 0	24°30	13°33	9° 3	F 4
S 5	4 56 0	12°58'10	18° 1	5°34	26°59	24°17	10°33	19° 1	29° 2	5°25	24° 2	23°59	24°27	13°40	9° 1	S 5
S 6	4 59 56	13°59'01	2♏ 6	7° 8	28° 5	24°27	10°25	18°56	29° 2	5°26	24° 2	23°58	24°24	13°47	8°58	S 6
M 7	5 3 53	14°59'54	16° 3	8°42	29°11	24°37	10°16	18°51	29° 1	5°27	24° 1	23°56	24°20	13°54	8°56	M 7
T 8	5 7 50	16° 0'47	29°49	10°17	0♏17	24°47	10° 8	18°46	29°D 1	5°27	24° 0	23°55	24°17	14° 0	8°54	T 8
W 9	5 11 46	17° 1'42	13♐20	11°51	1°24	24°58	10° 0	18°41	29° 1	5°28	23°59	23°55	24°14	14° 7	8°52	W 9
T 10	5 15 43	18° 2'38	26°36	13°25	2°31	25°10	9°52	18°36	29° 2	5°29	23°58	23°D55	24°11	14°14	8°50	T 10
F 11	5 19 39	19° 3'35	9♑34	14°59	3°38	25°23	9°44	18°31	29° 2	5°30	23°57	23°55	24° 8	14°21	8°48	F 11
S 12	5 23 36	20° 4'33	22°15	16°33	4°45	25°36	9°36	18°26	29° 2	5°30	23°56	23°55	24° 5	14°27	8°45	S 12
S 13	5 27 32	21° 5'31	4♒40	18° 7	5°53	25°49	9°28	18°22	29° 2	5°31	23°55	23°56	24° 1	14°34	8°43	S 13
M14	5 31 29	22° 6'30	16°51	19°41	7° 1	26° 4	9°21	18°17	29° 2	5°32	23°54	23°56	23°58	14°41	8°42	M14
T 15	5 35 25	23° 7'30	28°52	21°15	8° 8	26°19	9°13	18°12	29° 3	5°33	23°53	23°56	23°55	14°47	8°40	T 15
W16	5 39 22	24° 8'30	10♓46	22°50	9°17	26°34	9° 5	18° 7	29° 3	5°34	23°51	23°R56	23°52	14°54	8°38	W16
T 17	5 43 19	25° 9'31	22°38	24°24	10°25	26°50	8°58	18° 2	29° 3	5°35	23°50	23°D56	23°49	15° 1	8°36	T 17
F 18	5 47 15	26°10'32	4♈33	25°58	11°33	27° 6	8°50	17°57	29° 4	5°36	23°49	23°56	23°46	15° 8	8°34	F 18
S 19	5 51 12	27°11'34	16°35	27°33	12°42	27°23	8°43	17°52	29° 4	5°37	23°48	23°56	23°42	15°14	8°32	S 19
S 20	5 55 8	28°12'36	28°49	29° 7	13°51	27°41	8°35	17°47	29° 5	5°38	23°47	23°57	23°39	15°21	8°31	S 20
M21	5 59 5	29°13'39	11♉19	0♑42	15° 0	27°59	8°28	17°43	29° 6	5°40	23°46	23°57	23°36	15°28	8°29	M21
T 22	6 3 1	0♑14'42	24° 7	2°17	16° 9	28°17	8°21	17°38	29° 6	5°41	23°45	23°58	23°33	15°34	8°28	T 22
W23	6 6 58	1°15'46	7♊17	3°52	17°18	28°36	8°14	17°33	29° 7	5°42	23°44	23°59	23°30	15°41	8°26	W23
T 24	6 10 54	2°16'50	20°47	5°28	18°28	28°55	8° 7	17°28	29° 8	5°43	23°42	23°R59	23°27	15°48	8°25	T 24
F 25	6 14 51	3°17'54	4♋37	7° 3	19°37	29°15	8° 1	17°24	29° 9	5°44	23°41	23°59	23°23	15°55	8°23	F 25
S 26	6 18 48	4°18'59	18°44	8°39	20°47	29°36	7°54	17°19	29°10	5°46	23°40	23°58	23°20	16° 1	8°22	S 26
S 27	6 22 44	5°20'04	3♌ 4	10°15	21°57	29°56	7°48	17°15	29°11	5°47	23°39	23°57	23°17	16° 8	8°21	S 27
M28	6 26 41	6°21'10	17°30	11°51	23° 7	0♉17	7°41	17°10	29°12	5°48	23°38	23°55	23°14	16°15	8°19	M28
T 29	6 30 37	7°22'17	1♍58	13°27	24°17	0°39	7°35	17° 6	29°13	5°50	23°36	23°54	23°11	16°22	8°18	T 29
W30	6 34 34	8°23'24	16°23	15° 4	25°28	1° 0	7°29	17° 1	29°14	5°51	23°35	23°52	23° 7	16°28	8°17	W30
T 31	6 38 30	9♑24'31	0♎41	16♑41	26♏38	1♉23	7♊23	16♊57	29♓15	5♓53	23♋34	23♐51	23♐ 4	16♓35	8♉16	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s46	10n11	4s26	19s28	0n31	6s51	2n 6	9n19	0n 6	21n15	0s51	21n19	1s40	1s 4	0s45	10s11	0s42	21n24	0n 7	23s17	23s18	1s56	13n23	1s14
W 2	21 55	4 51	5 0	19 55	0 24	7 12	2 8	9 24	0 9	21 14	0 51	21 19	1 40	1 4	0 45	10 10	0 42	21 24	0 8	23 17	23 18	1 53	13 22	1 14
T 3	22 4	0s44	5 15	20 21	0 17	7 34	2 11	9 29	0 11	21 13	0 50	21 19	1 40	1 4	0 45	10 10	0 42	21 24	0 8	23 17	23 18	1 50	13 21	1 14
F 4	22 12	6 18	5 12	20 46	0 10	7 55	2 13	9 34	0 14	21 12	0 50	21 18	1 40	1 5	0 45	10 10	0 42	21 24	0 8	23 17	23 18	1 47	13 20	1 14
S 5	22 20	11 31	4 49	21 10	0 3	8 17	2 16	9 39	0 16	21 11	0 50	21 18	1 40	1 5	0 45	10 10	0 42	21 24	0 8	23 17	23 18	1 45	13 19	1 14
S 6	22 27	16 5	4 9	21 33	0s 4	8 38	2 18	9 45	0 18	21 10	0 50	21 18	1 40	1 5	0 45	10 10	0 42	21 25	0 8	23 17	23 18	1 42	13 19	1 14
M 7	22 34	19 44	3 15	21 55	0 11	8 59	2 20	9 51	0 21	21 9	0 50	21 17	1 40	1 5	0 45	10 9	0 42	21 25	0 8	23 17	23 18	1 39	13 18	1 14
T 8	22 41	22 12	2 10	22 15	0 17	9 21	2 22	9 57	0 23	21 8	0 50	21 17	1 40	1 5	0 45	10 9	0 42	21 25	0 8	23 17	23 18	1 37	13 17	1 14
W 9	22 47	23 21	0 58	22 35	0 24	9 42	2 24	10 3	0 25	21 7	0 50	21 17	1 40	1 5	0 45	10 9	0 42	21 25	0 8	23 17	23 17	1 34	13 16	1 14
T 10	22 53	23 7	0n15	22 54	0 31	10 4	2 25	10 9	0 27	21 6	0 49	21 16	1 40	1 4	0 45	10 8	0 42	21 26	0 8	23 17	23 17	1 31	13 16	1 14
F 11	22 58	21 39	1 26	23 11	0 37	10 25	2 27	10 16	0 29	21 5	0 49	21 16	1 40	1 4	0 45	10 8	0 42	21 26	0 8	23 17	23 17	1 28	13 15	1 14
S 12	23 3	19 6	2 31	23 27	0 43	10 46	2 28	10 22	0 31	21 4	0 49	21 16	1 40	1 4	0 45	10 8	0 42	21 26	0 8	23 17	23 17	1 26	13 14	1 14
S 13	23 7	15 43	3 27	23 42	0 49	11 7	2 29	10 29	0 33	21 3	0 49	21 15	1 39	1 4	0 45	10 7	0 42	21 26	0 8	23 17	23 17	1 23	13 14	1 14
M14	23 11	11 44	4 13	23 56	0 55	11 29	2 30	10 36	0 35	21 2	0 49	21 15	1 39	1 4	0 45	10 7	0 42	21 27	0 8	23 17	23 17	1 20	13 13	1 14
T 15	23 14	7 22	4 47	24 9	1 1	11 50	2 31	10 43	0 37	21 1	0 49	21 15	1 39	1 4	0 45	10 7	0 42	21 27	0 8	23 17	23 17	1 18	13 12	1 14
W16	23 17	2 45	5 9	24 20	1 7	12 10	2 32	10 50	0 39	21 0	0 48	21 14	1 39	1 4	0 45	10 6	0 42	21 27	0 8	23 17	23 16	1 15	13 12	1 14
T 17	23 20	1n56	5 17	24 30	1 13	12 31	2 32	10 58	0 41	20 59	0 48	21 14	1 39	1 3	0 45	10 6	0 42	21 27	0 9	23 17	23 16	1 12	13 11	1 14
F 18	23 22	6 35	5 12	24 39	1 18	12 52	2 33	11 5	0 42	20 58	0 48	21 14	1 39	1 3	0 45	10 6	0 42	21 28	0 9	23 17	23 16	1 10	13 10	1 14
S 19	23 23	11 1	4 53	24 47	1 23	13 12	2 33	11 13	0 44	20 57	0 48	21 13	1 39	1 3	0 45	10 5	0 42	21 28	0 9	23 17	23 16	1 7	13 10	1 14
S 20	23 24	15 6	4 20	24 53	1 28	13 32	2 33	11 21	0 46	20 56	0 48	21 13	1 39	1 3	0 45	10 5	0 42	21 28	0 9	23 17	23 16	1 4	13 9	1 14
M21	23 25	18 37	3 35	24 58	1 33	13 52	2 34	11 29	0 47	20 55	0 47	21 13	1 39	1 2	0 45	10 4	0 42	21 28	0 9	23 17	23 16	1 1	13 9	1 14
T 22	23 25	21 20	2 38	25 1	1 37	14 12	2 34	11 37	0 49	20 54	0 47	21 12	1 38	1 2	0 44	10 4	0 42	21 29	0 9	23 17	23 16	0 59	13 8	1 14
W23	23 25	23 0	1 31	25 3	1 42	14 32	2 33	11 45	0 50	20 53	0 47	21 12	1 38	1 2	0 44	10 3	0 42	21 29	0 9	23 17	23 15	0 56	13 8	1 14
T 24	23 24	23 23	0 18	25 4	1 46	14 51	2 33	11 53	0 52	20 52	0 47	21 12	1 38	1 1	0 44	10 3	0 42	21 29	0 9	23 17	23 15	0 53	13 7	1 14
F 25	23 22	22 22	0s59	25 3	1 49	15 10	2 33	12 2	0 53	20 51	0 47	21 12	1 38	1 1	0 44	10 2	0 42	21 29	0 9	23 17	23 15	0 51	13 7	1 14
S 26	23 21	19 55	2 13	25 1	1 53	15 29	2 32	12 10	0 54	20 50	0 46	21 11	1 38	1 1	0 44	10 2	0 42	21 30	0 9	23 17	23 15	0 48	13 6	1 14
S 27	23 18	16 13	3 20	24 57	1 56	15 47	2 32	12 19	0 56	20 50	0 46	21 11	1 38	1 0	0 44	10 2	0 42	21 30	0 9	23 17	23 15	0 45	13 6	1 14
M28	23 16	11 32	4 15	24 52	1 59	16 6	2 31	12 27	0 57	20 49	0 46	21 11	1 38	1 0	0 44	10 1	0 42	21 30	0 9	23 17	23 15	0 43	13 5	1 14
T 29	23 13	6 11	4 53	24 45	2 2	16 24	2 30	12 36	0 58	20 48	0 46	21 10	1 37	0 59	0 44	10 1	0 42	21 30	0 9	23 16	23 14	0 40	13 5	1 14
W30	23 9	0 33	5 13	24 37	2 4	16 41	2 30	12 45	1 0	20 47	0 46	21 10	1 37	0 59	0 44	10 0	0 42	21 31	0 9	23 16	23 14	0 37	13 5	1 14
T 31	23s 5	5s 4	5s14	24s27	2s 6	16s59	2n29	12n54	1n 1	20n46	0s45	21n10	1s37	0s58	0s44	9s59	0s42	21n31	0n 9	23s16	23s14	0s35	13n 4	1s14

Julian Day Number = 2516892.5, Delta T = 143.78 sec
Ecliptic obliquity = 23°24'56, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°14'26, Lahiri = 26°21'26

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2179
geocentric

JANUARY 2179 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 42 27	10♑25'39	14♎48	18♑18	27♏49	1♉45	7°R18	16°R52	29♓16	5♓54	23°R33	23°D51	23♐ 1	16♓42	8°R15	F 1
S 2	6 46 23	11°26'48	28°44	19°55	28°59	2° 8	7♊12	16♊48	29°17	5°56	23♋31	23♐52	22°58	16°48	8♉14	S 2
S 3	6 50 20	12°27'57	12♏27	21°32	0♐10	2°31	7° 7	16°44	29°19	5°57	23°30	23°53	22°55	16°55	8°13	S 3
M 4	6 54 17	13°29'07	25°58	23°10	1°21	2°55	7° 1	16°40	29°20	5°59	23°29	23°55	22°52	17° 2	8°12	M 4
T 5	6 58 13	14°30'16	9♐16	24°47	2°32	3°19	6°56	16°36	29°21	6° 0	23°28	23°56	22°48	17° 9	8°11	T 5
W 6	7 2 10	15°31'27	22°21	26°25	3°43	3°43	6°51	16°32	29°23	6° 2	23°26	23°R57	22°45	17°15	8°11	W 6
T 7	7 6 6	16°32'37	5♑14	28° 2	4°55	4° 8	6°47	16°28	29°24	6° 3	23°25	23°56	22°42	17°22	8°10	T 7
F 8	7 10 3	17°33'47	17°55	29°40	6° 6	4°33	6°42	16°24	29°26	6° 5	23°24	23°54	22°39	17°29	8° 9	F 8
S 9	7 13 59	18°34'58	0♒24	1♒17	7°17	4°58	6°38	16°20	29°27	6° 7	23°23	23°51	22°36	17°35	8° 9	S 9
S 10	7 17 56	19°36'08	12°42	2°54	8°29	5°24	6°34	16°16	29°29	6° 8	23°21	23°47	22°33	17°42	8° 8	S 10
M11	7 21 53	20°37'17	24°49	4°30	9°40	5°50	6°30	16°13	29°31	6°10	23°20	23°42	22°29	17°49	8° 8	M11
T 12	7 25 49	21°38'27	6♓49	6° 6	10°52	6°16	6°26	16° 9	29°32	6°12	23°19	23°37	22°26	17°56	8° 8	T 12
W13	7 29 46	22°39'36	18°42	7°41	12° 4	6°42	6°22	16° 6	29°34	6°14	23°17	23°33	22°23	18° 2	8° 7	W13
T 14	7 33 42	23°40'44	0♈34	9°15	13°16	7° 9	6°19	16° 2	29°36	6°15	23°16	23°29	22°20	18° 9	8° 7	T 14
F 15	7 37 39	24°41'52	12°26	10°48	14°28	7°36	6°16	15°59	29°38	6°17	23°15	23°27	22°17	18°16	8° 7	F 15
S 16	7 41 35	25°43'00	24°26	12°19	15°39	8° 3	6°13	15°56	29°40	6°19	23°13	23°D26	22°13	18°23	8° 7	S 16
S 17	7 45 32	26°44'06	6♉36	13°48	16°52	8°30	6°10	15°53	29°41	6°21	23°12	23°26	22°10	18°29	8° 7	S 17
M18	7 49 28	27°45'13	19° 1	15°14	18° 4	8°58	6° 7	15°50	29°43	6°23	23°11	23°28	22° 7	18°36	8°D 7	M18
T 19	7 53 25	28°46'18	1♊48	16°38	19°16	9°26	6° 5	15°47	29°45	6°25	23°10	23°30	22° 4	18°43	8° 7	T 19
W20	7 57 22	29°47'23	14°58	17°58	20°28	9°54	6° 3	15°44	29°47	6°26	23° 8	23°31	22° 1	18°49	8° 7	W20
T 21	8 1 18	0♒48'27	28°35	19°14	21°40	10°23	6° 1	15°41	29°50	6°28	23° 7	23°R31	21°58	18°56	8° 7	T 21
F 22	8 5 15	1°49'30	12♋38	20°25	22°53	10°51	5°59	15°39	29°52	6°30	23° 6	23°30	21°54	19° 3	8° 7	F 22
S 23	8 9 11	2°50'33	27° 4	21°31	24° 5	11°20	5°57	15°36	29°54	6°32	23° 5	23°26	21°51	19°10	8° 8	S 23
S 24	8 13 8	3°51'35	11♌50	22°30	25°18	11°49	5°56	15°34	29°56	6°34	23° 3	23°21	21°48	19°16	8° 8	S 24
M25	8 17 4	4°52'37	26°45	23°23	26°30	12°18	5°55	15°31	29°58	6°36	23° 2	23°15	21°45	19°23	8° 8	M25
T 26	8 21 1	5°53'37	11♍43	24° 7	27°43	12°47	5°54	15°29	0♈ 1	6°38	23° 1	23° 8	21°42	19°30	8° 9	T 26
W27	8 24 57	6°54'37	26°33	24°42	28°55	13°17	5°53	15°27	0° 3	6°40	23° 0	23° 2	21°38	19°37	8° 9	W27
T 28	8 28 54	7°55'37	11♎ 9	25° 8	0♑ 8	13°47	5°53	15°25	0° 5	6°42	22°58	22°57	21°35	19°43	8°10	T 28
F 29	8 32 51	8°56'36	25°26	25°23	1°21	14°17	5°52	15°23	0° 8	6°44	22°57	22°54	21°32	19°50	8°11	F 29
S 30	8 36 47	9°57'35	9♏22	25°R27	2°34	14°47	5°D52	15°21	0°10	6°46	22°56	22°D53	21°29	19°57	8°11	S 30
S 31	8 40 44	10♒58'33	22♏57	25♒20	3♑46	15♉17	5♊52	15♊19	0♈13	6♓49	22♋55	22♐54	21♐26	20♓ 3	8♉12	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	23s 0	10s22	4s55	24s16	2s 7	17s15	2n27	13n 2	1n 2	20n46	0s45	21n10	1s37	0s58	0s44	9s59	0s42	21n31	0n10	23s16	23s14	0s32	13n 4	1s14	F 1
S 2	22 55	15 3	4 19	24 4	2 8	17 32	2 26	13 11	1 3	20 45	0 45	21 9	1 37	0 57	0 44	9 58	0 42	21 32	0 10	23 16	23 14	0 29	13 4	1 14	S 2
S 3	22 50	18 53	3 29	23 49	2 9	17 48	2 25	13 21	1 4	20 44	0 45	21 9	1 37	0 57	0 44	9 58	0 42	21 32	0 10	23 16	23 14	0 27	13 3	1 14	S 3
M 4	22 44	21 38	2 28	23 34	2 10	18 4	2 24	13 30	1 5	20 44	0 45	21 9	1 36	0 56	0 44	9 57	0 41	21 32	0 10	23 17	23 13	0 24	13 3	1 15	M 4
T 5	22 38	23 8	1 20	23 16	2 9	18 19	2 22	13 39	1 6	20 43	0 44	21 9	1 36	0 56	0 44	9 57	0 41	21 32	0 10	23 17	23 13	0 21	13 3	1 15	T 5
W 6	22 31	23 20	0 9	22 58	2 9	18 34	2 21	13 48	1 7	20 43	0 44	21 9	1 36	0 55	0 44	9 56	0 41	21 33	0 10	23 17	23 13	0 19	13 3	1 15	W 6
T 7	22 24	22 17	1n 2	22 37	2 8	18 49	2 19	13 57	1 8	20 42	0 44	21 8	1 36	0 54	0 44	9 55	0 41	21 33	0 10	23 17	23 13	0 16	13 2	1 15	T 7
F 8	22 16	20 6	2 8	22 15	2 6	19 3	2 17	14 7	1 9	20 41	0 44	21 8	1 36	0 54	0 44	9 55	0 41	21 33	0 10	23 17	23 13	0 13	13 2	1 15	F 8
S 9	22 8	17 0	3 7	21 52	2 4	19 17	2 15	14 16	1 10	20 41	0 43	21 8	1 35	0 53	0 44	9 54	0 41	21 34	0 10	23 16	23 13	0 11	13 2	1 15	S 9
S 10	21 59	13 12	3 56	21 28	2 1	19 30	2 14	14 26	1 11	20 40	0 43	21 8	1 35	0 52	0 44	9 54	0 41	21 34	0 10	23 16	23 12	0 8	13 2	1 15	S 10
M11	21 50	8 55	4 34	21 1	1 58	19 43	2 12	14 35	1 12	20 40	0 43	21 8	1 35	0 52	0 44	9 53	0 41	21 34	0 10	23 16	23 12	0 5	13 2	1 15	M11
T 12	21 41	4 22	4 59	20 34	1 54	19 55	2 10	14 44	1 13	20 40	0 43	21 7	1 35	0 51	0 44	9 52	0 41	21 34	0 10	23 16	23 12	0 3	13 2	1 15	T 12
W13	21 31	0n19	5 11	20 5	1 49	20 7	2 7	14 54	1 14	20 39	0 42	21 7	1 35	0 50	0 44	9 52	0 41	21 35	0 10	23 16	23 12	0n 0	13 1	1 15	W13
T 14	21 21	4 58	5 10	19 35	1 44	20 18	2 5	15 4	1 15	20 39	0 42	21 7	1 34	0 50	0 44	9 51	0 41	21 35	0 10	23 15	23 12	0 3	13 1	1 15	T 14
F 15	21 10	9 27	4 56	19 4	1 38	20 29	2 3	15 13	1 15	20 39	0 42	21 7	1 34	0 49	0 44	9 50	0 41	21 35	0 10	23 15	23 11	0 5	13 1	1 15	F 15
S 16	20 59	13 37	4 28	18 32	1 31	20 39	2 1	15 23	1 16	20 38	0 42	21 7	1 34	0 48	0 43	9 50	0 41	21 36	0 10	23 15	23 11	0 8	13 1	1 15	S 16
S 17	20 47	17 18	3 48	18 0	1 23	20 48	1 58	15 32	1 17	20 38	0 42	21 7	1 34	0 47	0 43	9 49	0 41	21 36	0 11	23 15	23 11	0 11	13 1	1 15	S 17
M18	20 35	20 18	2 57	17 26	1 14	20 57	1 56	15 42	1 17	20 38	0 41	21 7	1 34	0 46	0 43	9 48	0 41	21 36	0 11	23 15	23 11	0 13	13 1	1 15	M18
T 19	20 23	22 23	1 56	16 52	1 5	21 6	1 53	15 51	1 18	20 38	0 41	21 7	1 33	0 46	0 43	9 48	0 41	21 36	0 11	23 15	23 11	0 16	13 1	1 15	T 19
W20	20 10	23 20	0 46	16 18	0 54	21 14	1 51	16 1	1 19	20 38	0 41	21 6	1 33	0 45	0 43	9 47	0 41	21 37	0 11	23 15	23 11	0 19	13 1	1 15	W20
T 21	19 57	22 57	0s28	15 43	0 43	21 21	1 48	16 11	1 19	20 37	0 41	21 6	1 33	0 44	0 43	9 46	0 41	21 37	0 11	23 15	23 10	0 21	13 1	1 15	T 21
F 22	19 44	21 7	1 42	15 9	0 31	21 28	1 45	16 20	1 20	20 37	0 40	21 6	1 33	0 43	0 43	9 45	0 41	21 37	0 11	23 15	23 10	0 24	13 1	1 15	F 22
S 23	19 30	17 55	2 52	14 35	0 17	21 34	1 43	16 30	1 21	20 37	0 40	21 6	1 33	0 42	0 43	9 45	0 41	21 37	0 11	23 15	23 10	0 27	13 1	1 15	S 23
S 24	19 16	13 31	3 52	14 3	0 3	21 40	1 40	16 39	1 21	20 37	0 40	21 6	1 32	0 41	0 43	9 44	0 41	21 38	0 11	23 15	23 10	0 29	13 2	1 15	S 24
M25	19 2	8 15	4 37	13 32	0n12	21 45	1 37	16 49	1 22	20 37	0 40	21 6	1 32	0 40	0 43	9 43	0 41	21 38	0 11	23 15	23 10	0 32	13 2	1 15	M25
T 26	18 47	2 30	5 3	13 2	0 28	21 49	1 34	16 58	1 22	20 37	0 39	21 6	1 32	0 39	0 43	9 42	0 41	21 38	0 11	23 14	23 9	0 35	13 2	1 15	T 26
W27	18 32	3s21	5 8	12 35	0 44	21 53	1 31	17 8	1 23	20 38	0 39	21 6	1 32	0 38	0 43	9 42	0 41	21 39	0 11	23 14	23 9	0 37	13 2	1 15	W27
T 28	18 16	8 54	4 53	12 10	1 1	21 56	1 28	17 17	1 23	20 38	0 39	21 6	1 31	0 37	0 43	9 41	0 41	21 39	0 11	23 14	23 9	0 40	13 2	1 15	T 28
F 29	18 0	13 52	4 21	11 49	1 19	21 59	1 26	17 27	1 24	20 38	0 39	21 6	1 31	0 36	0 43	9 40	0 41	21 39	0 11	23 14	23 9	0 43	13 2	1 15	F 29
S 30	17 44	17 58	3 33	11 30	1 36	22 1	1 23	17 36	1 24	20 38	0 38	21 6	1 31	0 35	0 43	9 39	0 41	21 39	0 11	23 13	23 9	0 45	13 3	1 15	S 30
S 31	17s28	20s59	2s34	11s16	1n54	22s 2	1n19	17n45	1n25	20n38	0s38	21n 6	1s31	0s34	0s43	9s39	0s41	21n40	0n11	23s14	23s 8	0n48	13n 3	1s15	S 31

Julian Day Number = 2516923.5, Delta T = 143.85 sec
Ecliptic obliquity = 23°24'56, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°14'30, Lahiri = 26°21'30

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2179
geocentric

FEBRUARY 2179 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 44 40	11♒59'31	6♐13	25°R 2	4♑59	15♉47	5♊52	15°R18	0♈15	6♓51	22°R53	22♐55	21♐23	20♓10	8♉13	M 1
T 2	8 48 37	13° 0'28	19°12	24♒32	6°12	16°18	5°53	15♊16	0°18	6°53	22♋52	22°R56	21°19	20°17	8°14	T 2
W 3	8 52 33	14° 1'24	1♑57	23°52	7°25	16°49	5°54	15°15	0°20	6°55	22°51	22°55	21°16	20°24	8°15	W 3
T 4	8 56 30	15° 2'19	14°30	23° 2	8°38	17°20	5°54	15°13	0°23	6°57	22°50	22°53	21°13	20°30	8°16	T 4
F 5	9 0 26	16° 3'14	26°53	22° 4	9°51	17°51	5°56	15°12	0°26	6°59	22°49	22°48	21°10	20°37	8°17	F 5
S 6	9 4 23	17° 4'07	9♒ 7	21° 0	11° 4	18°22	5°57	15°11	0°28	7° 1	22°47	22°40	21° 7	20°44	8°18	S 6
S 7	9 8 20	18° 5'00	21°15	19°50	12°17	18°53	5°58	15°10	0°31	7° 4	22°46	22°31	21° 4	20°50	8°19	S 7
M 8	9 12 16	19° 5'51	3♓16	18°38	13°31	19°25	6° 0	15° 9	0°34	7° 6	22°45	22°19	21° 0	20°57	8°21	M 8
T 9	9 16 13	20° 6'41	15°11	17°25	14°44	19°56	6° 2	15° 9	0°37	7° 8	22°44	22° 7	20°57	21° 4	8°22	T 9
W10	9 20 9	21° 7'29	27° 4	16°13	15°57	20°28	6° 4	15° 8	0°39	7°10	22°43	21°56	20°54	21°11	8°23	W10
T 11	9 24 6	22° 8'17	8♈54	15° 5	17°10	21° 0	6° 6	15° 7	0°42	7°12	22°42	21°46	20°51	21°17	8°25	T 11
F 12	9 28 2	23° 9'03	20°46	14° 2	18°23	21°32	6° 9	15° 7	0°45	7°15	22°41	21°39	20°48	21°24	8°26	F 12
S 13	9 31 59	24° 9'47	2♉44	13° 4	19°37	22° 4	6°11	15° 7	0°48	7°17	22°40	21°34	20°44	21°31	8°28	S 13
S 14	9 35 55	25°10'30	14°50	12°13	20°50	22°36	6°14	15° 7	0°51	7°19	22°39	21°31	20°41	21°38	8°29	S 14
M15	9 39 52	26°11'11	27°11	11°30	22° 3	23° 9	6°17	15°D 7	0°54	7°21	22°38	21°D31	20°38	21°44	8°31	M15
T 16	9 43 49	27°11'51	9♊50	10°55	23°17	23°41	6°21	15° 7	0°57	7°24	22°37	21°31	20°35	21°51	8°33	T 16
W17	9 47 45	28°12'29	22°54	10°27	24°30	24°14	6°24	15° 7	1° 0	7°26	22°35	21°R31	20°32	21°58	8°34	W17
T 18	9 51 42	29°13'05	6♋25	10° 8	25°44	24°47	6°28	15° 7	1° 3	7°28	22°34	21°31	20°29	22° 4	8°36	T 18
F 19	9 55 38	0♓13'40	20°27	9°56	26°57	25°19	6°32	15° 7	1° 6	7°30	22°34	21°27	20°25	22°11	8°38	F 19
S 20	9 59 35	1°14'13	4♌57	9°D52	28°10	25°52	6°36	15° 8	1° 9	7°33	22°33	21°22	20°22	22°18	8°40	S 20
S 21	10 3 31	2°14'44	19°52	9°54	29°24	26°25	6°40	15° 9	1°12	7°35	22°32	21°13	20°19	22°25	8°42	S 21
M22	10 7 28	3°15'14	5♍ 4	10° 4	0♒37	26°58	6°44	15° 9	1°15	7°37	22°31	21° 3	20°16	22°31	8°44	M22
T 23	10 11 24	4°15'42	20°22	10°19	1°51	27°32	6°49	15°10	1°18	7°39	22°30	20°52	20°13	22°38	8°46	T 23
W24	10 15 21	5°16'08	5♎35	10°41	3° 4	28° 5	6°53	15°11	1°21	7°42	22°29	20°42	20°10	22°45	8°48	W24
T 25	10 19 18	6°16'33	20°32	11° 8	4°18	28°38	6°58	15°12	1°24	7°44	22°28	20°33	20° 6	22°52	8°50	T 25
F 26	10 23 14	7°16'57	5♏ 7	11°39	5°32	29°12	7° 3	15°13	1°28	7°46	22°27	20°27	20° 3	22°58	8°52	F 26
S 27	10 27 11	8°17'20	19°14	12°16	6°45	29°45	7° 9	15°15	1°31	7°49	22°26	20°24	20° 0	23° 5	8°55	S 27
S 28	10 31 7	9♓17'41	2♐55	12♒57	7♒59	0♊19	7♊14	15♊16	1♈34	7♓51	22♋25	20♐23	19♐57	23♓12	8♉57	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
M 1	17s11	22s47	1s29	11s 6	2n11	22s 3	1n16	17n55	1n25	20n39	0s38	21n 6	1s30	0s33	0s43	9s38	0s41	21n40	0n12	23s14	23s 8	0n51	13n 3	1s15	M 1
T 2	16 54	23 19	0 20	11 0	2 28	22 3	1 13	18 4	1 26	20 39	0 38	21 6	1 30	0 32	0 43	9 37	0 41	21 40	0 12	23 14	23 8	0 53	13 3	1 15	T 2
W 3	16 36	22 36	0n48	10 58	2 44	22 2	1 10	18 13	1 26	20 39	0 37	21 7	1 30	0 31	0 43	9 36	0 41	21 40	0 12	23 14	23 8	0 56	13 4	1 15	W 3
T 4	16 19	20 45	1 53	11 1	2 58	22 1	1 7	18 22	1 27	20 40	0 37	21 7	1 30	0 30	0 43	9 35	0 41	21 41	0 12	23 13	23 8	0 58	13 4	1 15	T 4
F 5	16 1	17 57	2 52	11 8	3 11	21 59	1 4	18 31	1 27	20 40	0 37	21 7	1 30	0 29	0 43	9 35	0 41	21 41	0 12	23 13	23 7	1 1	13 4	1 15	F 5
S 6	15 42	14 24	3 41	11 18	3 21	21 57	1 1	18 41	1 27	20 40	0 37	21 7	1 29	0 28	0 43	9 34	0 41	21 41	0 12	23 13	23 7	1 4	13 5	1 15	S 6
S 7	15 24	10 17	4 20	11 32	3 30	21 54	0 58	18 50	1 28	20 41	0 36	21 7	1 29	0 27	0 43	9 33	0 41	21 41	0 12	23 12	23 7	1 6	13 5	1 15	S 7
M 8	15 5	5 50	4 47	11 48	3 36	21 50	0 54	18 59	1 28	20 42	0 36	21 7	1 29	0 26	0 43	9 32	0 41	21 42	0 12	23 12	23 7	1 9	13 5	1 15	M 8
T 9	14 46	1 12	5 2	12 7	3 39	21 45	0 51	19 8	1 28	20 42	0 36	21 7	1 29	0 25	0 43	9 31	0 41	21 42	0 12	23 11	23 6	1 12	13 6	1 15	T 9
W10	14 27	3n28	5 3	12 27	3 40	21 40	0 48	19 16	1 29	20 43	0 36	21 7	1 28	0 24	0 43	9 31	0 41	21 42	0 12	23 10	23 6	1 14	13 6	1 15	W10
T 11	14 7	7 59	4 50	12 48	3 39	21 34	0 45	19 25	1 29	20 43	0 36	21 8	1 28	0 22	0 43	9 30	0 41	21 42	0 12	23 10	23 6	1 17	13 7	1 15	T 11
F 12	13 47	12 12	4 26	13 10	3 35	21 28	0 42	19 34	1 29	20 44	0 35	21 8	1 28	0 21	0 43	9 29	0 41	21 43	0 12	23 9	23 6	1 19	13 7	1 15	F 12
S 13	13 27	16 0	3 49	13 31	3 30	21 21	0 38	19 43	1 30	20 45	0 35	21 8	1 28	0 20	0 43	9 28	0 41	21 43	0 12	23 9	23 6	1 22	13 8	1 15	S 13
S 14	13 7	19 10	3 2	13 52	3 23	21 13	0 35	19 51	1 30	20 45	0 35	21 8	1 27	0 19	0 43	9 27	0 41	21 43	0 12	23 9	23 5	1 25	13 8	1 15	S 14
M15	12 47	21 33	2 6	14 12	3 14	21 5	0 32	20 0	1 30	20 46	0 35	21 9	1 27	0 18	0 43	9 27	0 41	21 43	0 12	23 9	23 5	1 27	13 9	1 15	M15
T 16	12 26	22 55	1 2	14 31	3 5	20 56	0 29	20 8	1 30	20 47	0 34	21 9	1 27	0 17	0 43	9 26	0 41	21 44	0 12	23 9	23 5	1 30	13 9	1 15	T 16
W17	12 5	23 6	0s 7	14 49	2 54	20 47	0 25	20 16	1 31	20 48	0 34	21 9	1 27	0 15	0 43	9 25	0 41	21 44	0 12	23 9	23 5	1 33	13 10	1 15	W17
T 18	11 44	21 57	1 18	15 5	2 42	20 37	0 22	20 25	1 31	20 49	0 34	21 9	1 26	0 14	0 43	9 24	0 41	21 44	0 13	23 9	23 4	1 35	13 10	1 15	T 18
F 19	11 23	19 26	2 27	15 20	2 30	20 26	0 19	20 33	1 31	20 49	0 34	21 10	1 26	0 13	0 43	9 23	0 41	21 44	0 13	23 8	23 4	1 38	13 11	1 15	F 19
S 20	11 1	15 38	3 29	15 33	2 18	20 15	0 16	20 41	1 31	20 50	0 34	21 10	1 26	0 12	0 42	9 22	0 41	21 44	0 13	23 8	23 4	1 40	13 12	1 15	S 20
S 21	10 40	10 45	4 18	15 44	2 5	20 3	0 13	20 49	1 31	20 51	0 33	21 10	1 26	0 10	0 42	9 21	0 41	21 45	0 13	23 8	23 4	1 43	13 12	1 15	S 21
M22	10 18	5 9	4 50	15 54	1 52	19 50	0 10	20 57	1 32	20 52	0 33	21 10	1 25	0 9	0 42	9 21	0 41	21 45	0 13	23 7	23 4	1 46	13 13	1 15	M22
T 23	9 56	0s48	5 1	16 2	1 40	19 37	0 7	21 5	1 32	20 53	0 33	21 11	1 25	0 8	0 42	9 20	0 41	21 45	0 13	23 6	23 3	1 48	13 13	1 15	T 23
W24	9 34	6 40	4 51	16 9	1 27	19 24	0 3	21 12	1 32	20 54	0 33	21 11	1 25	0 7	0 42	9 19	0 41	21 45	0 13	23 5	23 3	1 51	13 14	1 15	W24
T 25	9 12	12 3	4 21	16 14	1 14	19 10	0 0	21 20	1 32	20 55	0 32	21 12	1 25	0 5	0 42	9 18	0 41	21 46	0 13	23 5	23 3	1 53	13 15	1 15	T 25
F 26	8 50	16 35	3 35	16 17	1 2	18 55	0s 3	21 28	1 32	20 56	0 32	21 12	1 24	0 4	0 42	9 17	0 41	21 46	0 13	23 4	23 3	1 56	13 15	1 15	F 26
S 27	8 27	20 2	2 37	16 18	0 50	18 40	0 6	21 35	1 32	20 57	0 32	21 12	1 24	0 3	0 42	9 16	0 41	21 46	0 13	23 4	23 2	1 59	13 16	1 15	S 27
S 28	8s 5	22s13	1s31	16s18	0n38	18s24	0s 9	21n42	1n33	20n58	0s32	21n13	1s24	0s 1	0s42	9s16	0s41	21n46	0n13	23s 4	23s 2	2n 1	13n17	1s15	S 28

Julian Day Number = 2516954.5, Delta T = 143.92 sec
Ecliptic obliquity = 23°24'56, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°14'34, Lahiri = 26°21'35

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2179
geocentric

MARCH 2179 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 35 4	10♓18'01	16♐ 9	13♒41	9♒12	0♊52	7♊20	15♊18	1♈37	7♓53	22°R25	20°R23	19♐54	23♓18	8♉59	M 1
T 2	10 39 0	11°18'19	29° 2	14°30	10°26	1°26	7°25	15°19	1°41	7°55	22♋24	20♐23	19°50	23°25	9° 2	T 2
W 3	10 42 57	12°18'36	11♑37	15°21	11°40	2° 0	7°31	15°21	1°44	7°58	22°23	20°21	19°47	23°32	9° 4	W 3
T 4	10 46 53	13°18'51	23°58	16°16	12°53	2°34	7°37	15°23	1°47	8° 0	22°22	20°17	19°44	23°39	9° 7	T 4
F 5	10 50 50	14°19'05	6♒ 9	17°14	14° 7	3° 8	7°44	15°25	1°50	8° 2	22°22	20°10	19°41	23°45	9° 9	F 5
S 6	10 54 47	15°19'17	18°12	18°15	15°21	3°42	7°50	15°27	1°54	8° 4	22°21	20° 1	19°38	23°52	9°12	S 6
S 7	10 58 43	16°19'28	0♓10	19°18	16°34	4°16	7°57	15°29	1°57	8° 7	22°20	19°48	19°35	23°59	9°14	S 7
M 8	11 2 40	17°19'37	12° 5	20°23	17°48	4°50	8° 3	15°31	2° 0	8° 9	22°19	19°34	19°31	24° 5	9°17	M 8
T 9	11 6 36	18°19'44	23°57	21°31	19° 2	5°25	8°10	15°34	2° 4	8°11	22°19	19°19	19°28	24°12	9°20	T 9
W10	11 10 33	19°19'49	5♈49	22°41	20°16	5°59	8°17	15°36	2° 7	8°13	22°18	19° 4	19°25	24°19	9°23	W10
T 11	11 14 29	20°19'52	17°41	23°53	21°29	6°33	8°25	15°39	2°10	8°16	22°18	18°51	19°22	24°26	9°25	T 11
F 12	11 18 26	21°19'53	29°36	25° 6	22°43	7° 8	8°32	15°42	2°14	8°18	22°17	18°41	19°19	24°32	9°28	F 12
S 13	11 22 22	22°19'52	11♉36	26°22	23°57	7°42	8°39	15°44	2°17	8°20	22°16	18°33	19°16	24°39	9°31	S 13
S 14	11 26 19	23°19'49	23°44	27°39	25°11	8°17	8°47	15°47	2°21	8°22	22°16	18°29	19°12	24°46	9°34	S 14
M15	11 30 15	24°19'44	6♊ 4	28°58	26°24	8°52	8°55	15°50	2°24	8°25	22°15	18°27	19° 9	24°53	9°37	M15
T 16	11 34 12	25°19'37	18°40	0♓19	27°38	9°26	9° 3	15°53	2°27	8°27	22°15	18°27	19° 6	24°59	9°40	T 16
W17	11 38 9	26°19'28	1♋38	1°41	28°52	10° 1	9°11	15°57	2°31	8°29	22°14	18°27	19° 3	25° 6	9°43	W17
T 18	11 42 5	27°19'16	15° 0	3° 4	0♓ 6	10°36	9°19	16° 0	2°34	8°31	22°14	18°26	19° 0	25°13	9°46	T 18
F 19	11 46 2	28°19'02	28°52	4°29	1°19	11°11	9°27	16° 3	2°38	8°33	22°14	18°23	18°56	25°19	9°49	F 19
S 20	11 49 58	29°18'46	13♌12	5°56	2°33	11°46	9°36	16° 7	2°41	8°36	22°13	18°17	18°53	25°26	9°52	S 20
S 21	11 53 55	0♈18'27	28° 0	7°24	3°47	12°20	9°44	16°10	2°45	8°38	22°13	18° 9	18°50	25°33	9°56	S 21
M22	11 57 51	1°18'07	13♍ 8	8°53	5° 1	12°55	9°53	16°14	2°48	8°40	22°12	17°59	18°47	25°40	9°59	M22
T 23	12 1 48	2°17'44	28°28	10°23	6°14	13°30	10° 2	16°18	2°51	8°42	22°12	17°49	18°44	25°46	10° 2	T 23
W24	12 5 44	3°17'19	13♎49	11°55	7°28	14° 6	10°11	16°22	2°55	8°44	22°12	17°38	18°41	25°53	10° 5	W24
T 25	12 9 41	4°16'52	28°57	13°29	8°42	14°41	10°20	16°26	2°58	8°46	22°11	17°29	18°37	26° 0	10° 9	T 25
F 26	12 13 38	5°16'24	13♏45	15° 3	9°56	15°16	10°29	16°30	3° 2	8°48	22°11	17°23	18°34	26° 6	10°12	F 26
S 27	12 17 34	6°15'54	28° 6	16°39	11°10	15°51	10°39	16°34	3° 5	8°50	22°11	17°19	18°31	26°13	10°15	S 27
S 28	12 21 31	7°15'22	11♐57	18°16	12°23	16°26	10°48	16°38	3° 9	8°52	22°11	17°D18	18°28	26°20	10°19	S 28
M29	12 25 27	8°14'48	25°19	19°55	13°37	17° 1	10°58	16°43	3°12	8°55	22°11	17°18	18°25	26°27	10°22	M29
T 30	12 29 24	9°14'12	8♑16	21°35	14°51	17°37	11° 7	16°47	3°15	8°57	22°10	17°R18	18°21	26°33	10°25	T 30
W31	12 33 20	10♈13'35	20♑51	23♓16	16♓ 5	18♊12	11♊17	16♊51	3♈19	8♓59	22♋10	17♐18	18♐18	26♓40	10♉29	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	7s42	23s 4	0s22	16s17	0n26	18s 7	0s12	21n49	1n33	21n 0	0s32	21n13	1s24	0s 0	0s42	9s15	0s42	21n46	0n13	23s 4	23s 2	2n 4	13n18	1s15
T 2	7 19	22 39	0n46	16 14	0 15	17 50	0 15	21 57	1 33	21 1	0 31	21 13	1 24	0n 1	0 42	9 14	0 42	21 47	0 13	23 4	23 2	2 6	13 18	1 15
W 3	6 56	21 5	1 50	16 9	0 4	17 33	0 17	22 4	1 33	21 2	0 31	21 14	1 23	0 2	0 42	9 13	0 42	21 47	0 13	23 4	23 1	2 9	13 19	1 15
T 4	6 33	18 33	2 47	16 3	0s 6	17 15	0 20	22 10	1 33	21 3	0 31	21 14	1 23	0 4	0 42	9 12	0 42	21 47	0 13	23 4	23 1	2 12	13 20	1 15
F 5	6 10	15 13	3 36	15 55	0 16	16 57	0 23	22 17	1 33	21 4	0 31	21 15	1 23	0 5	0 42	9 11	0 42	21 47	0 13	23 3	23 1	2 14	13 21	1 15
S 6	5 47	11 19	4 15	15 46	0 26	16 38	0 26	22 24	1 33	21 5	0 31	21 15	1 23	0 6	0 42	9 11	0 42	21 47	0 14	23 2	23 1	2 17	13 22	1 15
S 7	5 23	7 0	4 42	15 35	0 36	16 19	0 29	22 30	1 33	21 7	0 30	21 16	1 22	0 8	0 42	9 10	0 42	21 47	0 14	23 1	23 0	2 19	13 22	1 15
M 8	5 0	2 27	4 57	15 23	0 45	15 59	0 31	22 37	1 33	21 8	0 30	21 16	1 22	0 9	0 42	9 9	0 42	21 48	0 14	23 0	23 0	2 22	13 23	1 15
T 9	4 37	2n10	4 58	15 10	0 53	15 39	0 34	22 43	1 33	21 9	0 30	21 17	1 22	0 10	0 42	9 8	0 42	21 48	0 14	22 59	23 0	2 25	13 24	1 15
W10	4 13	6 42	4 47	14 55	1 2	15 18	0 37	22 49	1 34	21 11	0 30	21 17	1 22	0 12	0 42	9 7	0 42	21 48	0 14	22 58	23 0	2 27	13 25	1 15
T 11	3 50	10 59	4 23	14 39	1 10	14 57	0 39	22 55	1 34	21 12	0 30	21 18	1 21	0 13	0 42	9 6	0 42	21 48	0 14	22 57	22 59	2 30	13 26	1 15
F 12	3 26	14 52	3 47	14 21	1 17	14 35	0 42	23 1	1 34	21 13	0 29	21 18	1 21	0 14	0 42	9 6	0 42	21 48	0 14	22 56	22 59	2 32	13 27	1 15
S 13	3 2	18 10	3 1	14 2	1 24	14 13	0 44	23 7	1 34	21 15	0 29	21 19	1 21	0 16	0 42	9 5	0 42	21 48	0 14	22 55	22 59	2 35	13 27	1 15
S 14	2 39	20 44	2 7	13 42	1 31	13 51	0 47	23 12	1 34	21 16	0 29	21 19	1 21	0 17	0 42	9 4	0 42	21 48	0 14	22 55	22 59	2 37	13 28	1 15
M15	2 15	22 22	1 5	13 20	1 37	13 28	0 49	23 18	1 34	21 17	0 29	21 20	1 20	0 19	0 42	9 3	0 42	21 49	0 14	22 55	22 58	2 40	13 29	1 15
T 16	1 51	22 55	0s 1	12 57	1 43	13 5	0 51	23 23	1 34	21 19	0 29	21 20	1 20	0 20	0 42	9 2	0 42	21 49	0 14	22 55	22 58	2 43	13 30	1 15
W17	1 28	22 15	1 9	12 33	1 48	12 42	0 54	23 29	1 34	21 20	0 28	21 21	1 20	0 21	0 42	9 2	0 42	21 49	0 14	22 55	22 58	2 45	13 31	1 15
T 18	1 4	20 20	2 16	12 8	1 53	12 18	0 56	23 34	1 34	21 22	0 28	21 21	1 20	0 23	0 42	9 1	0 42	21 49	0 14	22 55	22 58	2 48	13 32	1 15
F 19	0 40	17 10	3 16	11 41	1 58	11 54	0 58	23 39	1 34	21 23	0 28	21 22	1 20	0 24	0 42	9 0	0 42	21 49	0 14	22 54	22 57	2 50	13 33	1 15
S 20	0 16	12 53	4 7	11 13	2 2	11 29	1 0	23 43	1 34	21 25	0 28	21 23	1 19	0 25	0 42	8 59	0 42	21 49	0 14	22 54	22 57	2 53	13 34	1 15
S 21	0n 7	7 44	4 43	10 44	2 6	11 5	1 2	23 48	1 34	21 26	0 28	21 23	1 19	0 27	0 42	8 58	0 42	21 49	0 14	22 53	22 57	2 55	13 35	1 16
M22	0 31	2 0	5 0	10 14	2 9	10 39	1 4	23 53	1 34	21 27	0 28	21 24	1 19	0 28	0 42	8 58	0 42	21 50	0 14	22 52	22 57	2 58	13 36	1 16
T 23	0 55	3s55	4 56	9 42	2 12	10 14	1 6	23 57	1 34	21 29	0 27	21 24	1 19	0 29	0 42	8 57	0 42	21 50	0 15	22 51	22 56	3 1	13 37	1 16
W24	1 18	9 36	4 31	9 10	2 15	9 48	1 8	24 1	1 34	21 30	0 27	21 25	1 19	0 31	0 42	8 56	0 42	21 50	0 15	22 50	22 56	3 3	13 38	1 16
T 25	1 42	14 37	3 46	8 36	2 17	9 23	1 10	24 5	1 34	21 32	0 27	21 26	1 18	0 32	0 42	8 55	0 42	21 50	0 15	22 50	22 56	3 6	13 39	1 16
F 26	2 6	18 37	2 48	8 1	2 18	8 56	1 11	24 9	1 34	21 33	0 27	21 26	1 18	0 34	0 42	8 54	0 42	21 50	0 15	22 49	22 55	3 8	13 40	1 16
S 27	2 29	21 20	1 40	7 24	2 20	8 30	1 13	24 13	1 34	21 35	0 27	21 27	1 18	0 35	0 42	8 54	0 42	21 50	0 15	22 49	22 55	3 11	13 41	1 16
S 28	2 53	22 40	0 28	6 47	2 20	8 3	1 15	24 17	1 34	21 36	0 26	21 27	1 18	0 36	0 42	8 53	0 42	21 50	0 15	22 49	22 55	3 13	13 42	1 16
M29	3 16	22 37	0n43	6 9	2 20	7 36	1 16	24 20	1 33	21 38	0 26	21 28	1 17	0 38	0 42	8 52	0 42	21 50	0 15	22 49	22 55	3 16	13 43	1 16
T 30	3 39	21 21	1 49	5 29	2 20	7 9	1 18	24 23	1 33	21 39	0 26	21 29	1 17	0 39	0 42	8 51	0 42	21 50	0 15	22 49	22 54	3 18	13 44	1 16
W31	4n 3	19s 2	2n48	4s48	2s19	6s42	1s19	24n27	1n33	21n41	0s26	21n29	1s17	0n40	0s42	8s51	0s42	21n50	0n15	22s49	22s54	3n21	13n45	1s16

Julian Day Number = 2516982.5, Delta T = 143.99 sec
Ecliptic obliquity = 23°24'56, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°14'38, Lahiri = 26°21'39

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2179
geocentric

APRIL 2179 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 37 17	11♈12'56	3♒ 9	24♓59	17♓19	18♊48	11♊27	16♊56	3♈22	9♓ 1	22°R10	17°R15	18♐15	26♓47	10♉32	T 1
F 2	12 41 13	12°12'15	15°16	26°43	18°32	19°23	11°37	17° 1	3°26	9° 3	22♋10	17♐11	18°12	26°54	10°36	F 2
S 3	12 45 10	13°11'33	27°14	28°28	19°46	19°58	11°47	17° 5	3°29	9° 5	22°10	17° 3	18° 9	27° 0	10°39	S 3
S 4	12 49 7	14°10'48	9♓ 7	0♈15	21° 0	20°34	11°58	17°10	3°32	9° 7	22°10	16°53	18° 6	27° 7	10°43	S 4
M 5	12 53 3	15°10'02	20°58	2° 3	22°14	21° 9	12° 8	17°15	3°36	9° 8	22°D10	16°42	18° 2	27°14	10°47	M 5
T 6	12 57 0	16° 9'13	2♈50	3°52	23°28	21°45	12°18	17°20	3°39	9°10	22°10	16°30	17°59	27°20	10°50	T 6
W 7	13 0 56	17° 8'23	14°43	5°43	24°42	22°21	12°29	17°25	3°42	9°12	22°10	16°18	17°56	27°27	10°54	W 7
T 8	13 4 53	18° 7'31	26°40	7°36	25°55	22°56	12°39	17°30	3°46	9°14	22°10	16° 8	17°53	27°34	10°58	T 8
F 9	13 8 49	19° 6'36	8♉42	9°29	27° 9	23°32	12°50	17°36	3°49	9°16	22°10	16° 0	17°50	27°41	11° 1	F 9
S 10	13 12 46	20° 5'40	20°50	11°24	28°23	24° 8	13° 1	17°41	3°53	9°18	22°10	15°54	17°47	27°47	11° 5	S 10
S 11	13 16 42	21° 4'41	3♊ 7	13°21	29°37	24°43	13°12	17°46	3°56	9°20	22°10	15°51	17°43	27°54	11° 9	S 11
M12	13 20 39	22° 3'40	15°34	15°19	0♈51	25°19	13°23	17°52	3°59	9°22	22°11	15°D50	17°40	28° 1	11°12	M12
T 13	13 24 35	23° 2'37	28°16	17°18	2° 4	25°55	13°34	17°57	4° 2	9°23	22°11	15°51	17°37	28° 7	11°16	T 13
W14	13 28 32	24° 1'32	11♋15	19°19	3°18	26°31	13°45	18° 3	4° 6	9°25	22°11	15°52	17°34	28°14	11°20	W14
T 15	13 32 29	25° 0'25	24°34	21°21	4°32	27° 6	13°57	18° 9	4° 9	9°27	22°11	15°R53	17°31	28°21	11°24	T 15
F 16	13 36 25	25°59'15	8♌18	23°24	5°46	27°42	14° 8	18°14	4°12	9°29	22°12	15°52	17°27	28°28	11°27	F 16
S 17	13 40 22	26°58'03	22°25	25°28	6°59	28°18	14°19	18°20	4°15	9°30	22°12	15°49	17°24	28°34	11°31	S 17
S 18	13 44 18	27°56'48	6♍57	27°33	8°13	28°54	14°31	18°26	4°19	9°32	22°12	15°45	17°21	28°41	11°35	S 18
M19	13 48 15	28°55'32	21°48	29°39	9°27	29°30	14°43	18°32	4°22	9°34	22°12	15°39	17°18	28°48	11°39	M19
T 20	13 52 11	29°54'13	6♎53	1♉46	10°41	0♋ 6	14°54	18°38	4°25	9°35	22°13	15°32	17°15	28°55	11°43	T 20
W21	13 56 8	0♉52'52	22° 1	3°53	11°54	0°42	15° 6	18°44	4°28	9°37	22°13	15°25	17°12	29° 1	11°47	W21
T 22	14 0 4	1°51'29	7♏ 3	6° 0	13° 8	1°18	15°18	18°50	4°31	9°38	22°14	15°19	17° 8	29° 8	11°50	T 22
F 23	14 4 1	2°50'04	21°50	8° 7	14°22	1°54	15°30	18°56	4°34	9°40	22°14	15°15	17° 5	29°15	11°54	F 23
S 24	14 7 58	3°48'38	6♐14	10°14	15°36	2°30	15°42	19° 2	4°38	9°41	22°14	15°13	17° 2	29°21	11°58	S 24
S 25	14 11 54	4°47'10	20°11	12°21	16°49	3° 6	15°54	19° 9	4°41	9°43	22°15	15°D13	16°59	29°28	12° 2	S 25
M26	14 15 51	5°45'40	3♑41	14°26	18° 3	3°42	16° 6	19°15	4°44	9°44	22°15	15°14	16°56	29°35	12° 6	M26
T 27	14 19 47	6°44'08	16°45	16°31	19°17	4°18	16°18	19°22	4°47	9°46	22°16	15°16	16°53	29°42	12°10	T 27
W28	14 23 44	7°42'35	29°26	18°34	20°31	4°54	16°30	19°28	4°50	9°47	22°16	15°17	16°49	29°48	12°14	W28
T 29	14 27 40	8°41'00	11♒48	20°35	21°44	5°30	16°43	19°35	4°53	9°49	22°17	15°R17	16°46	29°55	12°18	T 29
F 30	14 31 37	9♉39'24	23♒55	22♉34	22♈58	6♋ 6	16♊55	19♊41	4♈56	9♓50	22♋18	15♐16	16♐43	0♈ 2	12♉21	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n26	15s53	3n38	4s 7	2s18	6s14	1s20	24n30	1n33	21n42	0s26	21n30	1s17	0n42	0s42	8s50	0s42	21n50	0n15	22s48	22s54	3n24	13n46	1s16
F 2	4 49	12 8	4 18	3 24	2 17	5 47	1 22	24 32	1 33	21 44	0 26	21 31	1 17	0 43	0 42	8 49	0 42	21 51	0 15	22 48	22 54	3 26	13 47	1 16
S 3	5 12	7 57	4 45	2 40	2 14	5 19	1 23	24 35	1 33	21 45	0 25	21 31	1 16	0 44	0 42	8 49	0 42	21 51	0 15	22 47	22 53	3 29	13 48	1 16
S 4	5 35	3 30	5 0	1 55	2 12	4 51	1 24	24 38	1 33	21 47	0 25	21 32	1 16	0 46	0 42	8 48	0 42	21 51	0 15	22 46	22 53	3 31	13 49	1 16
M 5	5 58	1n 3	5 2	1 9	2 9	4 23	1 25	24 40	1 33	21 49	0 25	21 33	1 16	0 47	0 42	8 47	0 42	21 51	0 15	22 45	22 53	3 34	13 50	1 16
T 6	6 21	5 34	4 51	0 22	2 5	3 55	1 26	24 42	1 33	21 50	0 25	21 33	1 16	0 48	0 42	8 46	0 42	21 51	0 15	22 44	22 52	3 36	13 51	1 16
W 7	6 44	9 54	4 27	0n25	2 1	3 26	1 27	24 44	1 33	21 52	0 25	21 34	1 16	0 50	0 42	8 46	0 42	21 51	0 15	22 43	22 52	3 39	13 52	1 16
T 8	7 6	13 52	3 51	1 14	1 56	2 58	1 28	24 46	1 33	21 53	0 25	21 35	1 15	0 51	0 42	8 45	0 42	21 51	0 15	22 42	22 52	3 41	13 54	1 16
F 9	7 29	17 18	3 5	2 3	1 51	2 29	1 29	24 48	1 33	21 55	0 25	21 35	1 15	0 52	0 42	8 44	0 42	21 51	0 15	22 41	22 52	3 44	13 55	1 16
S 10	7 51	20 2	2 10	2 53	1 45	2 0	1 29	24 50	1 33	21 56	0 24	21 36	1 15	0 54	0 42	8 44	0 42	21 51	0 16	22 40	22 51	3 46	13 56	1 16
S 11	8 13	21 52	1 8	3 44	1 39	1 32	1 30	24 51	1 32	21 58	0 24	21 37	1 15	0 55	0 42	8 43	0 42	21 51	0 16	22 40	22 51	3 49	13 57	1 16
M12	8 35	22 40	0 1	4 36	1 33	1 3	1 30	24 52	1 32	21 59	0 24	21 37	1 15	0 56	0 42	8 42	0 42	21 51	0 16	22 40	22 51	3 51	13 58	1 16
T 13	8 57	22 18	1s 6	5 28	1 25	0 34	1 31	24 53	1 32	22 1	0 24	21 38	1 15	0 58	0 42	8 42	0 42	21 51	0 16	22 40	22 50	3 54	13 59	1 16
W14	9 19	20 45	2 12	6 21	1 18	0 5	1 31	24 54	1 32	22 2	0 24	21 39	1 14	0 59	0 42	8 41	0 42	21 51	0 16	22 40	22 50	3 56	14 0	1 17
T 15	9 40	18 1	3 13	7 14	1 10	0n24	1 32	24 55	1 32	22 4	0 24	21 39	1 14	1 0	0 42	8 40	0 42	21 51	0 16	22 40	22 50	3 59	14 1	1 17
F 16	10 2	14 14	4 4	8 8	1 1	0 53	1 32	24 56	1 32	22 5	0 23	21 40	1 14	1 1	0 42	8 40	0 42	21 51	0 16	22 40	22 49	4 1	14 2	1 17
S 17	10 23	9 34	4 43	9 2	0 52	1 21	1 32	24 56	1 32	22 7	0 23	21 41	1 14	1 3	0 42	8 39	0 42	21 51	0 16	22 40	22 49	4 4	14 3	1 17
S 18	10 44	4 14	5 4	9 56	0 43	1 50	1 32	24 56	1 32	22 8	0 23	21 41	1 14	1 4	0 42	8 39	0 42	21 51	0 16	22 39	22 49	4 6	14 5	1 17
M19	11 5	1s26	5 6	10 49	0 33	2 19	1 33	24 56	1 31	22 10	0 23	21 42	1 13	1 5	0 42	8 38	0 42	21 51	0 16	22 39	22 49	4 9	14 6	1 17
T 20	11 26	7 7	4 47	11 43	0 23	2 48	1 33	24 56	1 31	22 11	0 23	21 43	1 13	1 6	0 42	8 37	0 42	21 51	0 16	22 38	22 48	4 11	14 7	1 17
W21	11 46	12 24	4 8	12 36	0 13	3 17	1 33	24 56	1 31	22 12	0 23	21 43	1 13	1 8	0 42	8 37	0 43	21 51	0 16	22 37	22 48	4 14	14 8	1 17
T 22	12 6	16 52	3 12	13 29	0 2	3 46	1 32	24 56	1 31	22 14	0 23	21 44	1 13	1 9	0 42	8 36	0 43	21 51	0 16	22 36	22 48	4 16	14 9	1 17
F 23	12 27	20 11	2 3	14 20	0n 9	4 14	1 32	24 55	1 31	22 15	0 22	21 45	1 13	1 10	0 42	8 36	0 43	21 51	0 16	22 36	22 47	4 19	14 10	1 17
S 24	12 47	22 7	0 49	15 11	0 20	4 43	1 32	24 54	1 31	22 17	0 22	21 45	1 13	1 11	0 42	8 35	0 43	21 51	0 16	22 36	22 47	4 21	14 11	1 17
S 25	13 6	22 36	0n27	16 1	0 30	5 12	1 32	24 53	1 31	22 18	0 22	21 46	1 12	1 13	0 42	8 35	0 43	21 51	0 16	22 36	22 47	4 24	14 12	1 17
M26	13 26	21 43	1 39	16 49	0 41	5 40	1 31	24 52	1 30	22 20	0 22	21 47	1 12	1 14	0 42	8 34	0 43	21 51	0 16	22 36	22 46	4 26	14 13	1 17
T 27	13 45	19 40	2 43	17 35	0 52	6 8	1 31	24 51	1 30	22 21	0 22	21 47	1 12	1 15	0 42	8 34	0 43	21 51	0 17	22 36	22 46	4 29	14 15	1 17
W28	14 4	16 42	3 37	18 20	1 2	6 36	1 30	24 50	1 30	22 22	0 22	21 48	1 12	1 16	0 42	8 33	0 43	21 51	0 17	22 36	22 46	4 31	14 16	1 17
T 29	14 23	13 4	4 20	19 3	1 13	7 5	1 30	24 48	1 30	22 24	0 22	21 49	1 12	1 17	0 42	8 33	0 43	21 51	0 17	22 36	22 46	4 34	14 17	1 17
F 30	14n41	8s58	4n50	19n43	1n22	7n32	1s29	24n46	1n30	22n25	0s21	21n49	1s12	1n18	0s42	8s32	0s43	21n51	0n17	22s36	22s45	4n36	14n18	1s18

Julian Day Number = 2517013.5, Delta T = 144.06 sec
Ecliptic obliquity = 23°24'56, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°14'42, Lahiri = 26°21'43

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2179
geocentric

MAY 2179 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 35 33	10♉37'46	5♓53	24♉30	24♈12	6♋43	17♊ 7	19♊48	4♈59	9♓51	22♋18	15°R13	16♐40	0♈ 8	12♉25	S 1
S 2	14 39 30	11°36'07	17°46	26°24	25°25	7°19	17°20	19°54	5° 2	9°53	22°19	15♐ 9	16°37	0°15	12°29	S 2
M 3	14 43 27	12°34'25	29°37	28°15	26°39	7°55	17°32	20° 1	5° 4	9°54	22°20	15° 4	16°33	0°22	12°33	M 3
T 4	14 47 23	13°32'43	11♈29	0♊ 3	27°53	8°31	17°45	20° 8	5° 7	9°55	22°20	14°58	16°30	0°29	12°37	T 4
W 5	14 51 20	14°30'58	23°27	1°48	29° 7	9° 7	17°58	20°15	5°10	9°56	22°21	14°53	16°27	0°35	12°41	W 5
T 6	14 55 16	15°29'12	5♉30	3°29	0♉20	9°44	18°10	20°22	5°13	9°58	22°22	14°48	16°24	0°42	12°45	T 6
F 7	14 59 13	16°27'25	17°42	5° 6	1°34	10°20	18°23	20°28	5°16	9°59	22°22	14°44	16°21	0°49	12°49	F 7
S 8	15 3 9	17°25'36	0♊ 4	6°40	2°48	10°56	18°36	20°35	5°19	10° 0	22°23	14°42	16°18	0°55	12°53	S 8
S 9	15 7 6	18°23'45	12°35	8°10	4° 1	11°33	18°49	20°42	5°21	10° 1	22°24	14°D41	16°14	1° 2	12°57	S 9
M10	15 11 2	19°21'52	25°19	9°35	5°15	12° 9	19° 2	20°49	5°24	10° 2	22°25	14°42	16°11	1° 9	13° 1	M10
T 11	15 14 59	20°19'57	8♋16	10°57	6°29	12°45	19°15	20°57	5°27	10° 3	22°26	14°43	16° 8	1°16	13° 4	T 11
W12	15 18 56	21°18'01	21°27	12°15	7°42	13°22	19°28	21° 4	5°29	10° 4	22°26	14°44	16° 5	1°22	13° 8	W12
T 13	15 22 52	22°16'03	4♌55	13°29	8°56	13°58	19°41	21°11	5°32	10° 5	22°27	14°46	16° 2	1°29	13°12	T 13
F 14	15 26 49	23°14'03	18°39	14°38	10°10	14°34	19°54	21°18	5°34	10° 6	22°28	14°R46	15°58	1°36	13°16	F 14
S 15	15 30 45	24°12'00	2♍40	15°43	11°23	15°11	20° 7	21°25	5°37	10° 7	22°29	14°46	15°55	1°42	13°20	S 15
S 16	15 34 42	25° 9'56	16°58	16°44	12°37	15°47	20°20	21°32	5°39	10° 8	22°30	14°45	15°52	1°49	13°24	S 16
M17	15 38 38	26° 7'51	1♎29	17°40	13°51	16°24	20°34	21°40	5°42	10° 9	22°31	14°43	15°49	1°56	13°28	M17
T 18	15 42 35	27° 5'43	16° 9	18°32	15° 4	17° 0	20°47	21°47	5°44	10°10	22°32	14°41	15°46	2° 3	13°32	T 18
W19	15 46 31	28° 3'34	0♏53	19°20	16°18	17°37	21° 0	21°54	5°47	10°11	22°33	14°39	15°43	2° 9	13°35	W19
T 20	15 50 28	29° 1'23	15°33	20° 2	17°32	18°13	21°13	22° 2	5°49	10°11	22°34	14°37	15°39	2°16	13°39	T 20
F 21	15 54 25	29°59'11	0♐ 3	20°40	18°45	18°49	21°27	22° 9	5°52	10°12	22°35	14°36	15°36	2°23	13°43	F 21
S 22	15 58 21	0♊56'57	14°16	21°14	19°59	19°26	21°40	22°17	5°54	10°13	22°36	14°D36	15°33	2°30	13°47	S 22
S 23	16 2 18	1°54'42	28° 9	21°42	21°13	20° 2	21°54	22°24	5°56	10°14	22°37	14°36	15°30	2°36	13°51	S 23
M24	16 6 14	2°52'26	11♑39	22° 6	22°26	20°39	22° 7	22°32	5°58	10°14	22°38	14°37	15°27	2°43	13°54	M24
T 25	16 10 11	3°50'09	24°45	22°25	23°40	21°16	22°21	22°39	6° 0	10°15	22°39	14°38	15°24	2°50	13°58	T 25
W26	16 14 7	4°47'50	7♒30	22°39	24°53	21°52	22°34	22°47	6° 3	10°15	22°40	14°39	15°20	2°56	14° 2	W26
T 27	16 18 4	5°45'31	19°55	22°49	26° 7	22°29	22°48	22°54	6° 5	10°16	22°42	14°40	15°17	3° 3	14° 6	T 27
F 28	16 22 0	6°43'10	2♓ 6	22°R53	27°21	23° 5	23° 1	23° 2	6° 7	10°17	22°43	14°R40	15°14	3°10	14° 9	F 28
S 29	16 25 57	7°40'48	14° 6	22°53	28°34	23°42	23°15	23°10	6° 9	10°17	22°44	14°40	15°11	3°17	14°13	S 29
S 30	16 29 54	8°38'26	26° 0	22°49	29°48	24°18	23°28	23°17	6°11	10°17	22°45	14°40	15° 8	3°23	14°17	S 30
M31	16 33 50	9♊36'02	7♈52	22♊40	1♊ 2	24♋55	23♊42	23♊25	6♈13	10♓18	22♋46	14♐39	15♐ 4	3♈30	14♉20	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15n 0	4s35	5n 7	20n22	1n32	8n 0	1s28	24n44	1n30	22n26	0s21	21n50	1s11	1n20	0s42	8s32	0s43	21n51	0n17	22s36	22s45	4n39	14n19	1s18
S 2	15 18	0 4	5 11	20 58	1 41	8 28	1 28	24 42	1 29	22 28	0 21	21 51	1 11	1 21	0 42	8 31	0 43	21 51	0 17	22 35	22 45	4 41	14 20	1 18
M 3	15 36	4n27	5 1	21 31	1 49	8 55	1 27	24 40	1 29	22 29	0 21	21 51	1 11	1 22	0 42	8 31	0 43	21 51	0 17	22 35	22 44	4 44	14 21	1 18
T 4	15 53	8 49	4 39	22 2	1 57	9 22	1 26	24 37	1 29	22 30	0 21	21 52	1 11	1 23	0 42	8 30	0 43	21 51	0 17	22 34	22 44	4 46	14 22	1 18
W 5	16 11	12 52	4 4	22 31	2 4	9 49	1 25	24 35	1 29	22 31	0 21	21 53	1 11	1 24	0 42	8 30	0 43	21 51	0 17	22 34	22 44	4 49	14 23	1 18
T 6	16 28	16 27	3 18	22 57	2 10	10 16	1 24	24 32	1 29	22 33	0 21	21 53	1 11	1 25	0 42	8 29	0 43	21 51	0 17	22 33	22 43	4 51	14 25	1 18
F 7	16 44	19 22	2 22	23 21	2 15	10 43	1 23	24 29	1 29	22 34	0 21	21 54	1 11	1 26	0 42	8 29	0 43	21 50	0 17	22 33	22 43	4 54	14 26	1 18
S 8	17 1	21 26	1 19	23 42	2 20	11 9	1 22	24 26	1 28	22 35	0 20	21 55	1 10	1 27	0 43	8 29	0 43	21 50	0 17	22 32	22 43	4 56	14 27	1 18
S 9	17 17	22 28	0 12	24 1	2 24	11 35	1 21	24 23	1 28	22 36	0 20	21 55	1 10	1 28	0 43	8 28	0 43	21 50	0 17	22 32	22 42	4 59	14 28	1 18
M10	17 33	22 22	0s58	24 17	2 27	12 1	1 19	24 19	1 28	22 38	0 20	21 56	1 10	1 30	0 43	8 28	0 43	21 50	0 17	22 32	22 42	5 1	14 29	1 18
T 11	17 49	21 4	2 6	24 31	2 29	12 26	1 18	24 16	1 28	22 39	0 20	21 57	1 10	1 31	0 43	8 27	0 43	21 50	0 17	22 32	22 42	5 4	14 30	1 18
W12	18 4	18 36	3 9	24 43	2 30	12 52	1 17	24 12	1 28	22 40	0 20	21 57	1 10	1 32	0 43	8 27	0 43	21 50	0 17	22 33	22 41	5 6	14 31	1 19
T 13	18 19	15 6	4 2	24 53	2 30	13 16	1 15	24 8	1 27	22 41	0 20	21 58	1 10	1 33	0 43	8 27	0 43	21 50	0 17	22 33	22 41	5 8	14 32	1 19
F 14	18 34	10 44	4 43	25 0	2 30	13 41	1 14	24 4	1 27	22 42	0 20	21 58	1 10	1 34	0 43	8 26	0 43	21 50	0 17	22 33	22 41	5 11	14 33	1 19
S 15	18 48	5 43	5 8	25 6	2 28	14 5	1 12	24 0	1 27	22 43	0 20	21 59	1 9	1 35	0 43	8 26	0 43	21 50	0 18	22 33	22 40	5 13	14 34	1 19
S 16	19 2	0 18	5 15	25 10	2 25	14 29	1 11	23 55	1 27	22 44	0 20	22 0	1 9	1 36	0 43	8 26	0 43	21 50	0 18	22 33	22 40	5 16	14 35	1 19
M17	19 16	5s12	5 2	25 12	2 22	14 53	1 9	23 51	1 27	22 45	0 19	22 0	1 9	1 36	0 43	8 25	0 43	21 50	0 18	22 32	22 40	5 18	14 36	1 19
T 18	19 29	10 29	4 29	25 12	2 17	15 16	1 7	23 46	1 26	22 46	0 19	22 1	1 9	1 37	0 43	8 25	0 43	21 49	0 18	22 32	22 39	5 21	14 38	1 19
W19	19 42	15 11	3 38	25 10	2 11	15 39	1 6	23 41	1 26	22 48	0 19	22 1	1 9	1 38	0 43	8 25	0 43	21 49	0 18	22 32	22 39	5 23	14 39	1 19
T 20	19 55	18 56	2 34	25 7	2 5	16 1	1 4	23 36	1 26	22 49	0 19	22 2	1 9	1 39	0 43	8 25	0 43	21 49	0 18	22 32	22 39	5 26	14 40	1 19
F 21	20 8	21 26	1 20	25 2	1 57	16 23	1 2	23 31	1 26	22 49	0 19	22 2	1 9	1 40	0 43	8 24	0 43	21 49	0 18	22 32	22 38	5 28	14 41	1 19
S 22	20 20	22 31	0 2	24 56	1 48	16 45	1 0	23 25	1 25	22 50	0 19	22 3	1 9	1 41	0 43	8 24	0 43	21 49	0 18	22 32	22 38	5 30	14 42	1 19
S 23	20 31	22 10	1n14	24 48	1 39	17 6	0 58	23 20	1 25	22 51	0 19	22 3	1 8	1 42	0 43	8 24	0 44	21 49	0 18	22 32	22 38	5 33	14 43	1 20
M24	20 43	20 31	2 24	24 39	1 28	17 27	0 57	23 14	1 25	22 52	0 19	22 4	1 8	1 43	0 43	8 24	0 44	21 49	0 18	22 32	22 37	5 35	14 44	1 20
T 25	20 54	17 48	3 24	24 28	1 16	17 47	0 55	23 8	1 25	22 53	0 18	22 5	1 8	1 44	0 43	8 23	0 44	21 49	0 18	22 32	22 37	5 38	14 45	1 20
W26	21 4	14 18	4 13	24 17	1 4	18 7	0 53	23 2	1 25	22 54	0 18	22 5	1 8	1 44	0 43	8 23	0 44	21 49	0 18	22 32	22 37	5 40	14 46	1 20
T 27	21 15	10 16	4 48	24 4	0 51	18 27	0 51	22 56	1 24	22 55	0 18	22 6	1 8	1 45	0 43	8 23	0 44	21 48	0 18	22 32	22 36	5 43	14 47	1 20
F 28	21 25	5 54	5 9	23 50	0 36	18 45	0 49	22 49	1 24	22 56	0 18	22 6	1 8	1 46	0 43	8 23	0 44	21 48	0 18	22 32	22 36	5 45	14 48	1 20
S 29	21 34	1 22	5 17	23 35	0 22	19 4	0 47	22 43	1 24	22 57	0 18	22 7	1 8	1 47	0 43	8 23	0 44	21 48	0 18	22 32	22 36	5 47	14 49	1 20
S 30	21 43	3n10	5 11	23 19	0 6	19 22	0 44	22 36	1 24	22 57	0 18	22 7	1 8	1 48	0 43	8 23	0 44	21 48	0 18	22 32	22 35	5 50	14 50	1 20
M31	21n52	7n35	4n51	23n 2	0s10	19n39	0s42	22n29	1n23	22n58	0s18	22n 8	1s 8	1n48	0s43	8s22	0s44	21n48	0n18	22s32	22s35	5n52	14n51	1s20

Julian Day Number = 2517043.5, Delta T = 144.13 sec
Ecliptic obliquity = 23°24'56, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°14'47, Lahiri = 26°21'47

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2179
geocentric

JUNE 2179 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 37 47	10♊33'38	19♈47	22°R26	2♊15	25♋32	23♊56	23♊33	6♈15	10♓18	22♋48	14°R39	15♐ 1	3♈37	14♉24	T 1
W 2	16 41 43	11°31'13	1♉48	22♊ 9	3°29	26° 8	24° 9	23°40	6°17	10°19	22°49	14♐38	14°58	3°43	14°27	W 2
T 3	16 45 40	12°28'46	13°59	21°49	4°43	26°45	24°23	23°48	6°18	10°19	22°50	14°38	14°55	3°50	14°31	T 3
F 4	16 49 36	13°26'19	26°21	21°25	5°56	27°22	24°37	23°56	6°20	10°19	22°51	14°38	14°52	3°57	14°35	F 4
S 5	16 53 33	14°23'51	8♊57	20°58	7°10	27°58	24°50	24° 3	6°22	10°20	22°53	14°38	14°49	4° 4	14°38	S 5
S 6	16 57 29	15°21'22	21°48	20°29	8°24	28°35	25° 4	24°11	6°24	10°20	22°54	14°38	14°45	4°10	14°42	S 6
M 7	17 1 26	16°18'52	4♋53	19°57	9°37	29°12	25°18	24°19	6°25	10°20	22°55	14°38	14°42	4°17	14°45	M 7
T 8	17 5 23	17°16'21	18°13	19°25	10°51	29°49	25°32	24°27	6°27	10°20	22°56	14°37	14°39	4°24	14°49	T 8
W 9	17 9 19	18°13'49	1♌46	18°52	12° 5	0♌25	25°45	24°34	6°29	10°20	22°58	14°37	14°36	4°30	14°52	W 9
T 10	17 13 16	19°11'16	15°32	18°18	13°18	1° 2	25°59	24°42	6°30	10°20	22°59	14°37	14°33	4°37	14°55	T 10
F 11	17 17 12	20° 8'41	29°28	17°45	14°32	1°39	26°13	24°50	6°32	10°20	23° 1	14°36	14°30	4°44	14°59	F 11
S 12	17 21 9	21° 6'05	13♍33	17°13	15°45	2°16	26°27	24°58	6°33	10°20	23° 2	14°36	14°26	4°51	15° 2	S 12
S 13	17 25 5	22° 3'29	27°46	16°42	16°59	2°52	26°41	25° 6	6°34	10°R20	23° 3	14°D36	14°23	4°57	15° 5	S 13
M14	17 29 2	23° 0'51	12♎ 3	16°13	18°13	3°29	26°54	25°13	6°36	10°20	23° 5	14°36	14°20	5° 4	15° 9	M14
T 15	17 32 58	23°58'12	26°21	15°47	19°26	4° 6	27° 8	25°21	6°37	10°20	23° 6	14°37	14°17	5°11	15°12	T 15
W16	17 36 55	24°55'32	10♏39	15°23	20°40	4°43	27°22	25°29	6°38	10°20	23° 7	14°38	14°14	5°17	15°15	W16
T 17	17 40 52	25°52'51	24°51	15° 3	21°54	5°20	27°36	25°37	6°40	10°20	23° 9	14°38	14°10	5°24	15°18	T 17
F 18	17 44 48	26°50'09	8♐55	14°46	23° 7	5°57	27°50	25°45	6°41	10°20	23°10	14°R39	14° 7	5°31	15°22	F 18
S 19	17 48 45	27°47'27	22°47	14°34	24°21	6°33	28° 4	25°52	6°42	10°20	23°12	14°39	14° 4	5°38	15°25	S 19
S 20	17 52 41	28°44'44	6♑23	14°25	25°35	7°10	28°17	26° 0	6°43	10°20	23°13	14°38	14° 1	5°44	15°28	S 20
M21	17 56 38	29°42'01	19°42	14°D21	26°48	7°47	28°31	26° 8	6°44	10°19	23°15	14°37	13°58	5°51	15°31	M21
T 22	18 0 34	0♋39'17	2♒43	14°22	28° 2	8°24	28°45	26°16	6°45	10°19	23°16	14°35	13°55	5°58	15°34	T 22
W23	18 4 31	1°36'32	15°25	14°27	29°16	9° 1	28°59	26°24	6°46	10°19	23°18	14°32	13°51	6° 4	15°37	W23
T 24	18 8 28	2°33'48	27°51	14°36	0♋29	9°38	29°13	26°31	6°47	10°18	23°19	14°30	13°48	6°11	15°40	T 24
F 25	18 12 24	3°31'03	10♓ 2	14°50	1°43	10°15	29°26	26°39	6°48	10°18	23°21	14°28	13°45	6°18	15°43	F 25
S 26	18 16 21	4°28'17	22° 3	15° 9	2°57	10°52	29°40	26°47	6°48	10°18	23°22	14°26	13°42	6°25	15°46	S 26
S 27	18 20 17	5°25'32	3♈58	15°33	4°10	11°29	29°54	26°55	6°49	10°17	23°24	14°D26	13°39	6°31	15°49	S 27
M28	18 24 14	6°22'47	15°51	16° 1	5°24	12° 6	0♋ 8	27° 2	6°50	10°17	23°25	14°26	13°36	6°38	15°51	M28
T 29	18 28 10	7°20'01	27°46	16°34	6°38	12°43	0°21	27°10	6°51	10°16	23°27	14°27	13°32	6°45	15°54	T 29
W30	18 32 7	8♋17'16	9♉49	17♊12	7♋52	13♌20	0♋35	27♊18	6♈51	10♓16	23♋28	14♐29	13♐29	6♈51	15♉57	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n 0	11n44	4n19	22n45	0s27	19n56	0s40	22n23	1n23	22n59	0s18	22n 8	1s 8	1n49	0s43	8s22	0s44	21n48	0n18	22s32	22s34	5n55	14n52	1s20
W 2	22 9	15 28	3 36	22 27	0 44	20 13	0 38	22 15	1 23	23 0	0 18	22 8	1 7	1 50	0 43	8 22	0 44	21 48	0 19	22 32	22 34	5 57	14 53	1 21
T 3	22 16	18 36	2 42	22 8	1 2	20 28	0 36	22 8	1 23	23 0	0 18	22 9	1 7	1 50	0 43	8 22	0 44	21 47	0 19	22 32	22 34	5 59	14 54	1 21
F 4	22 23	20 56	1 40	21 49	1 19	20 44	0 33	22 1	1 22	23 1	0 17	22 9	1 7	1 51	0 43	8 22	0 44	21 47	0 19	22 32	22 33	6 2	14 54	1 21
S 5	22 30	22 17	0 31	21 30	1 36	20 58	0 31	21 53	1 22	23 2	0 17	22 10	1 7	1 52	0 43	8 22	0 44	21 47	0 19	22 32	22 33	6 4	14 55	1 21
S 6	22 37	22 30	0s40	21 11	1 54	21 12	0 29	21 46	1 22	23 2	0 17	22 10	1 7	1 52	0 43	8 22	0 44	21 47	0 19	22 32	22 33	6 7	14 56	1 21
M 7	22 43	21 30	1 50	20 52	2 11	21 26	0 27	21 38	1 22	23 3	0 17	22 11	1 7	1 53	0 43	8 22	0 44	21 47	0 19	22 32	22 32	6 9	14 57	1 21
T 8	22 48	19 17	2 56	20 33	2 27	21 39	0 24	21 30	1 21	23 3	0 17	22 11	1 7	1 54	0 43	8 22	0 44	21 47	0 19	22 32	22 32	6 11	14 58	1 21
W 9	22 54	15 58	3 53	20 15	2 43	21 51	0 22	21 22	1 21	23 4	0 17	22 12	1 7	1 54	0 43	8 22	0 44	21 46	0 19	22 32	22 32	6 14	14 59	1 21
T 10	22 59	11 45	4 37	19 57	2 58	22 3	0 20	21 13	1 21	23 4	0 17	22 12	1 7	1 55	0 43	8 22	0 44	21 46	0 19	22 32	22 31	6 16	15 0	1 22
F 11	23 3	6 52	5 6	19 40	3 12	22 14	0 17	21 5	1 21	23 5	0 17	22 12	1 7	1 55	0 43	8 22	0 44	21 46	0 19	22 32	22 31	6 19	15 1	1 22
S 12	23 7	1 35	5 17	19 24	3 25	22 24	0 15	20 56	1 20	23 5	0 17	22 13	1 7	1 56	0 43	8 22	0 44	21 46	0 19	22 32	22 31	6 21	15 2	1 22
S 13	23 11	3s50	5 8	19 9	3 37	22 34	0 13	20 48	1 20	23 6	0 17	22 13	1 6	1 57	0 43	8 22	0 44	21 46	0 19	22 32	22 30	6 23	15 2	1 22
M14	23 14	9 4	4 41	18 56	3 48	22 43	0 10	20 39	1 20	23 6	0 16	22 13	1 6	1 57	0 44	8 22	0 44	21 46	0 19	22 32	22 30	6 26	15 3	1 22
T 15	23 17	13 50	3 57	18 44	3 57	22 52	0 8	20 30	1 20	23 7	0 16	22 14	1 6	1 58	0 44	8 22	0 44	21 45	0 19	22 32	22 29	6 28	15 4	1 22
W16	23 19	17 48	2 57	18 33	4 5	23 0	0 5	20 21	1 19	23 7	0 16	22 14	1 6	1 58	0 44	8 22	0 44	21 45	0 19	22 32	22 29	6 31	15 5	1 22
T 17	23 21	20 42	1 47	18 25	4 12	23 7	0 3	20 12	1 19	23 7	0 16	22 14	1 6	1 58	0 44	8 22	0 44	21 45	0 19	22 32	22 29	6 33	15 6	1 22
F 18	23 23	22 17	0 32	18 18	4 17	23 14	0 1	20 2	1 19	23 8	0 16	22 15	1 6	1 59	0 44	8 22	0 44	21 45	0 19	22 32	22 28	6 35	15 6	1 23
S 19	23 24	22 28	0n45	18 12	4 21	23 19	0n 2	19 53	1 18	23 8	0 16	22 15	1 6	1 59	0 44	8 22	0 44	21 45	0 20	22 32	22 28	6 38	15 7	1 23
S 20	23 25	21 19	1 57	18 9	4 23	23 25	0 4	19 43	1 18	23 8	0 16	22 15	1 6	2 0	0 44	8 22	0 44	21 44	0 20	22 32	22 28	6 40	15 8	1 23
M21	23 25	18 58	3 2	18 7	4 25	23 29	0 7	19 33	1 18	23 9	0 16	22 16	1 6	2 0	0 44	8 23	0 45	21 44	0 20	22 32	22 27	6 42	15 9	1 23
T 22	23 25	15 43	3 55	18 7	4 25	23 33	0 9	19 24	1 18	23 9	0 16	22 16	1 6	2 0	0 44	8 23	0 45	21 44	0 20	22 31	22 27	6 45	15 10	1 23
W23	23 24	11 48	4 36	18 9	4 24	23 36	0 11	19 14	1 17	23 9	0 16	22 16	1 6	2 1	0 44	8 23	0 45	21 44	0 20	22 31	22 26	6 47	15 10	1 23
T 24	23 23	7 29	5 2	18 12	4 21	23 38	0 14	19 3	1 17	23 9	0 15	22 17	1 6	2 1	0 44	8 23	0 45	21 44	0 20	22 31	22 26	6 49	15 11	1 23
F 25	23 22	2 57	5 14	18 17	4 18	23 40	0 16	18 53	1 17	23 9	0 15	22 17	1 6	2 1	0 44	8 23	0 45	21 44	0 20	22 31	22 26	6 52	15 12	1 23
S 26	23 20	1n38	5 12	18 23	4 13	23 41	0 18	18 43	1 16	23 10	0 15	22 17	1 5	2 2	0 44	8 23	0 45	21 43	0 20	22 31	22 25	6 54	15 12	1 24
S 27	23 18	6 7	4 57	18 31	4 8	23 42	0 21	18 32	1 16	23 10	0 15	22 17	1 5	2 2	0 44	8 24	0 45	21 43	0 20	22 30	22 25	6 56	15 13	1 24
M28	23 16	10 22	4 29	18 40	4 2	23 41	0 23	18 22	1 16	23 10	0 15	22 18	1 5	2 2	0 44	8 24	0 45	21 43	0 20	22 30	22 25	6 59	15 14	1 24
T 29	23 13	14 14	3 49	18 51	3 55	23 40	0 25	18 11	1 16	23 10	0 15	22 18	1 5	2 2	0 44	8 24	0 45	21 43	0 20	22 31	22 24	7 1	15 14	1 24
W30	23n 9	17n35	2n59	19n 2	3s47	23n38	0n27	18n 0	1n15	23n10	0s15	22n18	1s 5	2n 3	0s44	8s24	0s45	21n43	0n20	22s31	22s24	7n 3	15n15	1s24

Julian Day Number = 2517074.5, Delta T = 144.20 sec
Ecliptic obliquity = 23°24'55, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°14'51, Lahiri = 26°21'51

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2179
geocentric

JULY 2179 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 36 3	9♋14'31	22♉ 4	17♊54	9♋ 5	13♌57	0♋49	27♊26	6♈52	10°R15	23♋30	14♐30	13♐26	6♈58	16♉ 0	T 1
F 2	18 40 0	10°11'45	4♊34	18°40	10°19	14°34	1° 3	27°33	6°52	10♓14	23°31	14°31	13°23	7° 5	16° 2	F 2
S 3	18 43 57	11° 9'00	17°22	19°31	11°33	15°11	1°16	27°41	6°53	10°14	23°33	14°R32	13°20	7°12	16° 5	S 3
S 4	18 47 53	12° 6'14	0♋30	20°26	12°47	15°48	1°30	27°49	6°53	10°13	23°34	14°31	13°16	7°18	16° 7	S 4
M 5	18 51 50	13° 3'29	13°58	21°25	14° 0	16°25	1°44	27°56	6°54	10°13	23°36	14°29	13°13	7°25	16°10	M 5
T 6	18 55 46	14° 0'43	27°43	22°29	15°14	17° 3	1°57	28° 4	6°54	10°12	23°38	14°25	13°10	7°32	16°13	T 6
W 7	18 59 43	14°57'57	11♌44	23°37	16°28	17°40	2°11	28°12	6°54	10°11	23°39	14°21	13° 7	7°38	16°15	W 7
T 8	19 3 39	15°55'11	25°55	24°48	17°42	18°17	2°25	28°19	6°54	10°10	23°41	14°16	13° 4	7°45	16°17	T 8
F 9	19 7 36	16°52'25	10♍13	26° 4	18°56	18°54	2°38	28°27	6°55	10°10	23°42	14°12	13° 1	7°52	16°20	F 9
S 10	19 11 32	17°49'38	24°33	27°24	20° 9	19°31	2°52	28°34	6°55	10° 9	23°44	14° 9	12°57	7°59	16°22	S 10
S 11	19 15 29	18°46'51	8♎50	28°48	21°23	20° 8	3° 5	28°42	6°55	10° 8	23°46	14° 7	12°54	8° 5	16°24	S 11
M12	19 19 26	19°44'04	23° 3	0♋15	22°37	20°46	3°19	28°49	6°R55	10° 7	23°47	14°D 7	12°51	8°12	16°27	M12
T 13	19 23 22	20°41'17	7♏ 8	1°46	23°51	21°23	3°32	28°57	6°55	10° 6	23°49	14° 8	12°48	8°19	16°29	T 13
W14	19 27 19	21°38'30	21° 5	3°22	25° 5	22° 0	3°46	29° 4	6°55	10° 5	23°50	14° 9	12°45	8°25	16°31	W14
T 15	19 31 15	22°35'43	4♐53	5° 0	26°18	22°37	3°59	29°12	6°55	10° 4	23°52	14°10	12°42	8°32	16°33	T 15
F 16	19 35 12	23°32'55	18°31	6°42	27°32	23°15	4°12	29°19	6°54	10° 3	23°53	14°R10	12°38	8°39	16°35	F 16
S 17	19 39 8	24°30'08	1♑57	8°28	28°46	23°52	4°26	29°26	6°54	10° 2	23°55	14° 9	12°35	8°45	16°37	S 17
S 18	19 43 5	25°27'21	15°11	10°17	29°59	24°29	4°39	29°34	6°54	10° 1	23°57	14° 6	12°32	8°52	16°39	S 18
M19	19 47 1	26°24'34	28°13	12° 9	1♌14	25° 7	4°52	29°41	6°54	10° 0	23°58	14° 1	12°29	8°59	16°41	M19
T 20	19 50 58	27°21'48	11♒ 0	14° 3	2°27	25°44	5° 6	29°48	6°53	9°59	24° 0	13°54	12°26	9° 6	16°43	T 20
W21	19 54 55	28°19'02	23°34	16° 1	3°41	26°21	5°19	29°55	6°53	9°58	24° 1	13°46	12°22	9°12	16°44	W21
T 22	19 58 51	29°16'16	5♓54	18° 0	4°55	26°59	5°32	0♋ 3	6°52	9°57	24° 3	13°38	12°19	9°19	16°46	T 22
F 23	20 2 48	0♌13'31	18° 3	20° 2	6° 9	27°36	5°45	0°10	6°52	9°56	24° 5	13°31	12°16	9°26	16°48	F 23
S 24	20 6 44	1°10'47	0♈ 2	22° 5	7°23	28°14	5°58	0°17	6°51	9°54	24° 6	13°25	12°13	9°32	16°49	S 24
S 25	20 10 41	2° 8'03	11°56	24°10	8°37	28°51	6°11	0°24	6°51	9°53	24° 8	13°21	12°10	9°39	16°51	S 25
M26	20 14 37	3° 5'21	23°47	26°16	9°51	29°28	6°24	0°31	6°50	9°52	24° 9	13°19	12° 7	9°46	16°53	M26
T 27	20 18 34	4° 2'39	5♉41	28°22	11° 4	0♍ 6	6°37	0°38	6°49	9°51	24°11	13°D18	12° 3	9°53	16°54	T 27
W28	20 22 30	4°59'57	17°44	0♌29	12°18	0°43	6°50	0°45	6°49	9°50	24°12	13°19	12° 0	9°59	16°55	W28
T 29	20 26 27	5°57'17	29°59	2°36	13°32	1°21	7° 3	0°52	6°48	9°48	24°14	13°20	11°57	10° 6	16°57	T 29
F 30	20 30 24	6°54'38	12♊31	4°44	14°46	1°59	7°16	0°59	6°47	9°47	24°16	13°R21	11°54	10°13	16°58	F 30
S 31	20 34 20	7♌52'00	25♊26	6♌50	16♌ 0	2♍36	7♋29	1♋ 5	6♈46	9♓46	24♋17	13♐20	11♐51	10♈19	16♉59	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n 6	20n12	2n 0	19n15	3s38	23n36	0n30	17n49	1n15	23n10	0s15	22n18	1s 5	2n 3	0s44	8s25	0s45	21n42	0n20	22s31	22s23	7n 6	15n16	1s24
F 2	23 1	21 55	0 54	19 28	3 29	23 33	0 32	17 38	1 15	23 10	0 15	22 18	1 5	2 3	0 44	8 25	0 45	21 42	0 20	22 31	22 23	7 8	15 16	1 24
S 3	22 57	22 33	0s16	19 42	3 19	23 29	0 34	17 27	1 14	23 10	0 15	22 19	1 5	2 3	0 44	8 25	0 45	21 42	0 20	22 31	22 23	7 10	15 17	1 25
S 4	22 52	21 58	1 27	19 56	3 8	23 24	0 36	17 16	1 14	23 10	0 15	22 19	1 5	2 3	0 44	8 25	0 45	21 42	0 20	22 31	22 22	7 13	15 18	1 25
M 5	22 46	20 8	2 34	20 11	2 57	23 19	0 38	17 4	1 14	23 10	0 14	22 19	1 5	2 3	0 44	8 26	0 45	21 41	0 20	22 31	22 22	7 15	15 18	1 25
T 6	22 41	17 5	3 35	20 26	2 46	23 13	0 41	16 53	1 13	23 10	0 14	22 19	1 5	2 3	0 44	8 26	0 45	21 41	0 21	22 30	22 21	7 17	15 19	1 25
W 7	22 35	13 2	4 23	20 42	2 34	23 6	0 43	16 41	1 13	23 10	0 14	22 19	1 5	2 4	0 44	8 26	0 45	21 41	0 21	22 30	22 21	7 20	15 19	1 25
T 8	22 28	8 13	4 56	20 57	2 22	22 59	0 45	16 29	1 13	23 9	0 14	22 19	1 5	2 4	0 44	8 27	0 45	21 41	0 21	22 29	22 21	7 22	15 20	1 25
F 9	22 21	2 56	5 11	21 12	2 10	22 51	0 47	16 18	1 13	23 9	0 14	22 20	1 5	2 4	0 44	8 27	0 45	21 41	0 21	22 29	22 20	7 24	15 20	1 26
S 10	22 14	2s32	5 7	21 27	1 57	22 42	0 49	16 6	1 12	23 9	0 14	22 20	1 5	2 4	0 44	8 27	0 45	21 40	0 21	22 28	22 20	7 27	15 21	1 26
S 11	22 6	7 50	4 43	21 41	1 44	22 33	0 51	15 54	1 12	23 9	0 14	22 20	1 5	2 4	0 44	8 28	0 45	21 40	0 21	22 28	22 19	7 29	15 21	1 26
M12	21 58	12 42	4 3	21 54	1 31	22 23	0 53	15 41	1 12	23 9	0 14	22 20	1 5	2 4	0 44	8 28	0 45	21 40	0 21	22 28	22 19	7 31	15 22	1 26
T 13	21 49	16 50	3 8	22 6	1 18	22 12	0 54	15 29	1 11	23 8	0 14	22 20	1 5	2 4	0 44	8 28	0 45	21 40	0 21	22 28	22 19	7 34	15 22	1 26
W14	21 41	19 59	2 2	22 17	1 5	22 1	0 56	15 17	1 11	23 8	0 14	22 20	1 5	2 4	0 45	8 29	0 45	21 40	0 21	22 29	22 18	7 36	15 23	1 26
T 15	21 31	21 55	0 50	22 27	0 52	21 49	0 58	15 4	1 11	23 8	0 14	22 20	1 5	2 3	0 45	8 29	0 45	21 39	0 21	22 29	22 18	7 38	15 23	1 26
F 16	21 22	22 32	0n24	22 36	0 39	21 37	1 0	14 52	1 10	23 7	0 14	22 20	1 5	2 3	0 45	8 29	0 45	21 39	0 21	22 29	22 17	7 41	15 24	1 27
S 17	21 12	21 49	1 35	22 42	0 26	21 23	1 2	14 39	1 10	23 7	0 13	22 20	1 4	2 3	0 45	8 30	0 45	21 39	0 21	22 29	22 17	7 43	15 24	1 27
S 18	21 2	19 54	2 40	22 47	0 14	21 10	1 3	14 26	1 10	23 7	0 13	22 20	1 4	2 3	0 45	8 30	0 45	21 39	0 21	22 28	22 17	7 45	15 24	1 27
M19	20 51	16 59	3 36	22 50	0 2	20 55	1 5	14 14	1 9	23 6	0 13	22 20	1 4	2 3	0 45	8 31	0 45	21 38	0 21	22 28	22 16	7 47	15 25	1 27
T 20	20 40	13 18	4 19	22 50	0n10	20 40	1 6	14 1	1 9	23 6	0 13	22 21	1 4	2 3	0 45	8 31	0 45	21 38	0 21	22 27	22 16	7 50	15 25	1 27
W21	20 29	9 6	4 49	22 48	0 21	20 24	1 8	13 48	1 9	23 5	0 13	22 21	1 4	2 3	0 45	8 32	0 45	21 38	0 21	22 26	22 15	7 52	15 25	1 27
T 22	20 17	4 36	5 5	22 44	0 32	20 8	1 9	13 35	1 8	23 5	0 13	22 21	1 4	2 2	0 45	8 32	0 45	21 38	0 22	22 25	22 15	7 54	15 26	1 28
F 23	20 5	0 1	5 7	22 37	0 42	19 52	1 11	13 21	1 8	23 4	0 13	22 21	1 4	2 2	0 45	8 32	0 46	21 38	0 22	22 24	22 14	7 57	15 26	1 28
S 24	19 53	4n32	4 55	22 27	0 51	19 34	1 12	13 8	1 8	23 4	0 13	22 21	1 4	2 2	0 45	8 33	0 46	21 37	0 22	22 23	22 14	7 59	15 26	1 28
S 25	19 40	8 52	4 31	22 15	1 0	19 16	1 13	12 55	1 7	23 3	0 13	22 21	1 4	2 2	0 45	8 33	0 46	21 37	0 22	22 23	22 14	8 1	15 27	1 28
M26	19 27	12 51	3 55	22 0	1 8	18 58	1 15	12 41	1 7	23 3	0 13	22 21	1 4	2 1	0 45	8 34	0 46	21 37	0 22	22 22	22 13	8 3	15 27	1 28
T 27	19 14	16 22	3 8	21 42	1 16	18 39	1 16	12 28	1 7	23 2	0 13	22 21	1 4	2 1	0 45	8 34	0 46	21 37	0 22	22 22	22 13	8 6	15 27	1 28
W28	19 0	19 14	2 13	21 22	1 22	18 19	1 17	12 14	1 6	23 2	0 13	22 21	1 4	2 1	0 45	8 35	0 46	21 37	0 22	22 22	22 12	8 8	15 28	1 29
T 29	18 46	21 17	1 11	20 59	1 28	17 59	1 18	12 1	1 6	23 1	0 12	22 21	1 4	2 0	0 45	8 35	0 46	21 36	0 22	22 23	22 12	8 10	15 28	1 29
F 30	18 32	22 21	0 4	20 34	1 33	17 39	1 19	11 47	1 6	23 1	0 12	22 21	1 4	2 0	0 45	8 36	0 46	21 36	0 22	22 23	22 12	8 12	15 28	1 29
S 31	18n17	22n16	1s 4	20n 7	1n37	17n18	1n20	11n33	1n 5	23n 0	0s12	22n20	1s 4	2n 0	0s45	8s36	0s46	21n36	0n22	22s23	22s11	8n15	15n28	1s29

Julian Day Number = 2517104.5, Delta T = 144.27 sec
Ecliptic obliquity = 23°24'54, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°14'55, Lahiri = 26°21'55

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2179
geocentric

AUGUST 2179 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 38 17	8♌49'22	8♋44	8♌56	17♌14	3♍14	7♋41	1♋12	6°R45	9°R44	24♋19	13°R17	11♐48	10♈26	17♉ 1	S 1
M 2	20 42 13	9°46'46	22°28	11° 2	18°28	3°51	7°54	1°19	6♈44	9♓43	24°20	13♐12	11°44	10°33	17° 2	M 2
T 3	20 46 10	10°44'10	6♌35	13° 6	19°42	4°29	8° 7	1°25	6°43	9°42	24°22	13° 5	11°41	10°40	17° 3	T 3
W 4	20 50 6	11°41'36	21° 1	15°10	20°56	5° 7	8°19	1°32	6°42	9°40	24°23	12°57	11°38	10°46	17° 4	W 4
T 5	20 54 3	12°39'01	5♍39	17°12	22°10	5°44	8°32	1°39	6°41	9°39	24°25	12°47	11°35	10°53	17° 5	T 5
F 6	20 57 59	13°36'28	20°23	19°12	23°24	6°22	8°44	1°45	6°40	9°37	24°26	12°39	11°32	11° 0	17° 6	F 6
S 7	21 1 56	14°33'55	5♎ 4	21°12	24°38	7° 0	8°57	1°52	6°39	9°36	24°28	12°32	11°28	11° 6	17° 7	S 7
S 8	21 5 53	15°31'23	19°36	23°10	25°52	7°37	9° 9	1°58	6°38	9°34	24°29	12°27	11°25	11°13	17° 7	S 8
M 9	21 9 49	16°28'52	3♏55	25° 6	27° 6	8°15	9°21	2° 4	6°36	9°33	24°31	12°25	11°22	11°20	17° 8	M 9
T 10	21 13 46	17°26'21	17°59	27° 1	28°20	8°53	9°33	2°11	6°35	9°31	24°32	12°D24	11°19	11°26	17° 9	T 10
W11	21 17 42	18°23'52	1♐46	28°55	29°34	9°31	9°45	2°17	6°34	9°30	24°34	12°24	11°16	11°33	17°10	W11
T 12	21 21 39	19°21'23	15°17	0♍46	0♍47	10° 9	9°58	2°23	6°32	9°28	24°35	12°R25	11°13	11°40	17°10	T 12
F 13	21 25 35	20°18'54	28°35	2°37	2° 1	10°46	10°10	2°29	6°31	9°27	24°37	12°24	11° 9	11°47	17°11	F 13
S 14	21 29 32	21°16'27	11♑40	4°26	3°15	11°24	10°21	2°35	6°30	9°25	24°38	12°20	11° 6	11°53	17°11	S 14
S 15	21 33 28	22°14'00	24°33	6°13	4°29	12° 2	10°33	2°41	6°28	9°24	24°40	12°14	11° 3	12° 0	17°12	S 15
M16	21 37 25	23°11'35	7♒15	7°59	5°43	12°40	10°45	2°47	6°27	9°22	24°41	12° 6	11° 0	12° 7	17°12	M16
T 17	21 41 22	24° 9'11	19°47	9°43	6°57	13°18	10°57	2°53	6°25	9°21	24°42	11°55	10°57	12°13	17°12	T 17
W18	21 45 18	25° 6'47	2♓ 8	11°26	8°11	13°56	11° 9	2°59	6°23	9°19	24°44	11°42	10°54	12°20	17°12	W18
T 19	21 49 15	26° 4'25	14°20	13° 7	9°25	14°34	11°20	3° 5	6°22	9°18	24°45	11°30	10°50	12°27	17°13	T 19
F 20	21 53 11	27° 2'04	26°22	14°47	10°39	15°12	11°32	3°10	6°20	9°16	24°47	11°17	10°47	12°33	17°13	F 20
S 21	21 57 8	27°59'45	8♈18	16°25	11°53	15°50	11°43	3°16	6°18	9°14	24°48	11° 7	10°44	12°40	17°13	S 21
S 22	22 1 4	28°57'27	20° 9	18° 2	13° 7	16°28	11°54	3°21	6°17	9°13	24°49	10°59	10°41	12°47	17°R13	S 22
M23	22 5 1	29°55'11	1♉59	19°38	14°21	17° 6	12° 6	3°27	6°15	9°11	24°51	10°54	10°38	12°54	17°13	M23
T 24	22 8 57	0♍52'56	13°51	21°12	15°35	17°44	12°17	3°32	6°13	9°10	24°52	10°51	10°34	13° 0	17°13	T 24
W25	22 12 54	1°50'43	25°51	22°44	16°49	18°22	12°28	3°38	6°11	9° 8	24°53	10°50	10°31	13° 7	17°12	W25
T 26	22 16 51	2°48'32	8♊ 3	24°15	18° 3	19° 0	12°39	3°43	6° 9	9° 6	24°55	10°49	10°28	13°14	17°12	T 26
F 27	22 20 47	3°46'22	20°34	25°45	19°17	19°38	12°50	3°48	6° 7	9° 5	24°56	10°49	10°25	13°20	17°12	F 27
S 28	22 24 44	4°44'15	3♋28	27°14	20°31	20°17	13° 1	3°53	6° 6	9° 3	24°57	10°48	10°22	13°27	17°12	S 28
S 29	22 28 40	5°42'08	16°48	28°40	21°45	20°55	13°11	3°58	6° 4	9° 1	24°59	10°44	10°19	13°34	17°11	S 29
M30	22 32 37	6°40'04	0♌37	0♎ 6	22°59	21°33	13°22	4° 3	6° 2	9° 0	25° 0	10°38	10°15	13°40	17°11	M30
T 31	22 36 33	7♍38'01	14♌55	1♎30	24♍13	22♍11	13♋33	4♋ 8	6♈ 0	8♓58	25♋ 1	10♐29	10♐12	13♈47	17♉10	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18n 2	20n56	2s12	19n37	1n40	16n56	1n21	11n19	1n 5	22n59	0s12	22n20	1s 4	1n59	0s45	8s37	0s46	21n36	0n22	22s22	22s11	8n17	15n28	1s29
M 2	17 47	18 22	3 14	19 6	1 43	16 35	1 22	11 5	1 5	22 59	0 12	22 20	1 4	1 59	0 45	8 38	0 46	21 36	0 22	22 22	22 10	8 19	15 28	1 29
T 3	17 31	14 39	4 5	18 32	1 45	16 12	1 23	10 51	1 4	22 58	0 12	22 20	1 4	1 59	0 45	8 38	0 46	21 35	0 22	22 21	22 10	8 21	15 29	1 30
W 4	17 16	10 1	4 42	17 58	1 46	15 49	1 23	10 37	1 4	22 57	0 12	22 20	1 4	1 58	0 45	8 39	0 46	21 35	0 22	22 20	22 9	8 24	15 29	1 30
T 5	17 0	4 45	5 2	17 21	1 46	15 26	1 24	10 23	1 4	22 57	0 12	22 20	1 4	1 58	0 45	8 39	0 46	21 35	0 22	22 19	22 9	8 26	15 29	1 30
F 6	16 43	0s49	5 1	16 44	1 46	15 2	1 25	10 9	1 3	22 56	0 12	22 20	1 4	1 57	0 45	8 40	0 46	21 35	0 22	22 17	22 9	8 28	15 29	1 30
S 7	16 27	6 19	4 41	16 5	1 45	14 38	1 25	9 54	1 3	22 55	0 12	22 20	1 4	1 57	0 45	8 40	0 46	21 34	0 23	22 17	22 8	8 30	15 29	1 30
S 8	16 10	11 25	4 3	15 25	1 44	14 14	1 26	9 40	1 2	22 54	0 12	22 20	1 4	1 56	0 45	8 41	0 46	21 34	0 23	22 16	22 8	8 33	15 29	1 30
M 9	15 53	15 47	3 10	14 44	1 41	13 49	1 26	9 26	1 2	22 54	0 12	22 20	1 4	1 56	0 45	8 41	0 46	21 34	0 23	22 16	22 7	8 35	15 29	1 31
T 10	15 36	19 11	2 6	14 2	1 39	13 24	1 26	9 11	1 2	22 53	0 11	22 20	1 4	1 55	0 45	8 42	0 46	21 34	0 23	22 16	22 7	8 37	15 29	1 31
W11	15 18	21 25	0 56	13 20	1 36	12 58	1 27	8 57	1 1	22 52	0 11	22 20	1 4	1 55	0 45	8 43	0 46	21 34	0 23	22 16	22 6	8 39	15 29	1 31
T 12	15 0	22 21	0n15	12 37	1 32	12 32	1 27	8 42	1 1	22 51	0 11	22 20	1 4	1 54	0 45	8 43	0 46	21 33	0 23	22 16	22 6	8 42	15 29	1 31
F 13	14 42	22 0	1 25	11 54	1 28	12 6	1 27	8 27	1 1	22 50	0 11	22 19	1 4	1 53	0 45	8 44	0 46	21 33	0 23	22 15	22 6	8 44	15 29	1 31
S 14	14 24	20 26	2 29	11 10	1 23	11 39	1 27	8 13	1 0	22 50	0 11	22 19	1 4	1 53	0 45	8 44	0 46	21 33	0 23	22 15	22 5	8 46	15 29	1 31
S 15	14 5	17 51	3 24	10 26	1 18	11 13	1 27	7 58	1 0	22 49	0 11	22 19	1 4	1 52	0 45	8 45	0 46	21 33	0 23	22 14	22 5	8 48	15 29	1 32
M16	13 46	14 26	4 8	9 42	1 13	10 45	1 27	7 43	1 0	22 48	0 11	22 19	1 4	1 52	0 45	8 46	0 46	21 33	0 23	22 13	22 4	8 50	15 29	1 32
T 17	13 27	10 27	4 39	8 57	1 7	10 18	1 27	7 28	0 59	22 47	0 11	22 19	1 4	1 51	0 46	8 46	0 46	21 33	0 23	22 12	22 4	8 53	15 29	1 32
W18	13 8	6 5	4 57	8 13	1 1	9 50	1 27	7 13	0 59	22 46	0 11	22 19	1 4	1 50	0 46	8 47	0 46	21 32	0 23	22 10	22 3	8 55	15 29	1 32
T 19	12 49	1 32	5 1	7 28	0 55	9 22	1 27	6 58	0 58	22 45	0 11	22 19	1 4	1 50	0 46	8 47	0 46	21 32	0 23	22 8	22 3	8 57	15 29	1 32
F 20	12 29	3n 0	4 51	6 43	0 48	8 54	1 26	6 43	0 58	22 44	0 11	22 19	1 4	1 49	0 46	8 48	0 46	21 32	0 23	22 7	22 2	8 59	15 29	1 33
S 21	12 9	7 24	4 28	5 59	0 41	8 25	1 26	6 28	0 58	22 43	0 11	22 18	1 4	1 48	0 46	8 49	0 46	21 32	0 23	22 5	22 2	9 1	15 28	1 33
S 22	11 50	11 29	3 54	5 15	0 34	7 57	1 26	6 13	0 57	22 42	0 11	22 18	1 4	1 48	0 46	8 49	0 46	21 32	0 24	22 4	22 2	9 4	15 28	1 33
M23	11 29	15 7	3 10	4 30	0 26	7 28	1 25	5 58	0 57	22 42	0 10	22 18	1 4	1 47	0 46	8 50	0 46	21 31	0 24	22 3	22 1	9 6	15 28	1 33
T 24	11 9	18 10	2 18	3 46	0 19	6 59	1 24	5 43	0 57	22 41	0 10	22 18	1 4	1 46	0 46	8 50	0 46	21 31	0 24	22 3	22 1	9 8	15 28	1 33
W25	10 48	20 28	1 18	3 3	0 11	6 29	1 24	5 27	0 56	22 40	0 10	22 18	1 4	1 45	0 46	8 51	0 46	21 31	0 24	22 3	22 0	9 10	15 28	1 33
T 26	10 28	21 52	0 15	2 19	0 3	6 0	1 23	5 12	0 56	22 39	0 10	22 18	1 4	1 45	0 46	8 52	0 46	21 31	0 24	22 3	22 0	9 12	15 27	1 34
F 27	10 7	22 14	0s51	1 36	0s 5	5 30	1 22	4 57	0 55	22 38	0 10	22 17	1 4	1 44	0 46	8 52	0 46	21 31	0 24	22 3	21 59	9 14	15 27	1 34
S 28	9 46	21 26	1 57	0 54	0 14	5 0	1 21	4 41	0 55	22 37	0 10	22 17	1 4	1 43	0 46	8 53	0 46	21 31	0 24	22 2	21 59	9 17	15 27	1 34
S 29	9 25	19 25	2 58	0 11	0 22	4 30	1 21	4 26	0 55	22 36	0 10	22 17	1 4	1 42	0 46	8 54	0 46	21 30	0 24	22 2	21 58	9 19	15 27	1 34
M30	9 3	16 14	3 51	0s30	0 31	4 0	1 20	4 11	0 54	22 35	0 10	22 17	1 4	1 41	0 46	8 54	0 46	21 30	0 24	22 1	21 58	9 21	15 26	1 34
T 31	8n42	12n 1	4s31	1s12	0s39	3n30	1n19	3n55	0n54	22n34	0s10	22n17	1s 4	1n41	0s46	8s55	0s46	21n30	0n24	22s 0	21s57	9n23	15n26	1s34

Julian Day Number = 2517135.5, Delta T = 144.34 sec
Ecliptic obliquity = 23°24'54, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°14'59, Lahiri = 26°22'00

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2179
geocentric

SEPTEMBER 2179 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 40 30	8♍36'00	29♌36	2♎52	25♍27	22♍50	13♋43	4♋13	5°R58	8°R56	25♋ 2	10°R19	10♐ 9	13♈54	17°R10	W 1
T 2	22 44 26	9°34'01	14♍35	4°13	26°41	23°28	13°53	4°18	5♈55	8♓55	25° 3	10♐ 8	10° 6	14° 1	17♉ 9	T 2
F 3	22 48 23	10°32'03	29°40	5°32	27°55	24° 6	14° 4	4°22	5°53	8°53	25° 5	9°57	10° 3	14° 7	17° 8	F 3
S 4	22 52 20	11°30'06	14♎44	6°50	29° 9	24°45	14°14	4°27	5°51	8°52	25° 6	9°48	9°59	14°14	17° 8	S 4
S 5	22 56 16	12°28'11	29°35	8° 5	0♎23	25°23	14°24	4°31	5°49	8°50	25° 7	9°41	9°56	14°21	17° 7	S 5
M 6	23 0 13	13°26'17	14♏ 8	9°20	1°37	26° 2	14°34	4°36	5°47	8°48	25° 8	9°38	9°53	14°27	17° 6	M 6
T 7	23 4 9	14°24'25	28°19	10°32	2°50	26°40	14°44	4°40	5°45	8°47	25° 9	9°36	9°50	14°34	17° 5	T 7
W 8	23 8 6	15°22'35	12♐ 8	11°42	4° 4	27°19	14°53	4°44	5°43	8°45	25°10	9°36	9°47	14°41	17° 4	W 8
T 9	23 12 2	16°20'45	25°35	12°51	5°18	27°57	15° 3	4°48	5°40	8°43	25°11	9°36	9°44	14°47	17° 3	T 9
F 10	23 15 59	17°18'57	8♑42	13°57	6°32	28°36	15°13	4°52	5°38	8°42	25°13	9°34	9°40	14°54	17° 2	F 10
S 11	23 19 55	18°17'11	21°34	15° 1	7°46	29°14	15°22	4°56	5°36	8°40	25°14	9°31	9°37	15° 1	17° 1	S 11
S 12	23 23 52	19°15'26	4♒11	16° 3	9° 0	29°53	15°31	5° 0	5°34	8°38	25°15	9°25	9°34	15° 8	17° 0	S 12
M13	23 27 49	20°13'42	16°38	17° 2	10°14	0♎31	15°41	5° 4	5°31	8°37	25°16	9°16	9°31	15°14	16°58	M13
T 14	23 31 45	21°12'01	28°55	17°58	11°28	1°10	15°50	5° 8	5°29	8°35	25°17	9° 4	9°28	15°21	16°57	T 14
W15	23 35 42	22°10'20	11♓ 4	18°52	12°42	1°49	15°58	5°11	5°27	8°34	25°18	8°51	9°25	15°28	16°56	W15
T 16	23 39 38	23° 8'42	23° 6	19°43	13°56	2°28	16° 7	5°15	5°24	8°32	25°19	8°37	9°21	15°34	16°54	T 16
F 17	23 43 35	24° 7'05	5♈ 3	20°30	15° 9	3° 6	16°16	5°18	5°22	8°30	25°19	8°25	9°18	15°41	16°53	F 17
S 18	23 47 31	25° 5'31	16°55	21°15	16°23	3°45	16°25	5°21	5°20	8°29	25°20	8°14	9°15	15°48	16°51	S 18
S 19	23 51 28	26° 3'58	28°44	21°55	17°37	4°24	16°33	5°25	5°17	8°27	25°21	8° 5	9°12	15°54	16°50	S 19
M20	23 55 24	27° 2'27	10♉34	22°31	18°51	5° 3	16°41	5°28	5°15	8°26	25°22	7°59	9° 9	16° 1	16°48	M20
T 21	23 59 21	28° 0'59	22°26	23° 3	20° 5	5°42	16°50	5°31	5°13	8°24	25°23	7°56	9° 5	16° 8	16°46	T 21
W22	0 3 17	28°59'33	4♊26	23°30	21°19	6°20	16°58	5°34	5°10	8°23	25°24	7°D54	9° 2	16°14	16°45	W22
T 23	0 7 14	29°58'08	16°37	23°53	22°33	6°59	17° 6	5°36	5° 8	8°21	25°25	7°55	8°59	16°21	16°43	T 23
F 24	0 11 11	0♎56'46	29° 5	24°10	23°46	7°38	17°13	5°39	5° 5	8°20	25°25	7°R55	8°56	16°28	16°41	F 24
S 25	0 15 7	1°55'27	11♋54	24°21	25° 0	8°17	17°21	5°42	5° 3	8°18	25°26	7°55	8°53	16°35	16°39	S 25
S 26	0 19 4	2°54'09	25°10	24°R26	26°14	8°56	17°28	5°44	5° 1	8°17	25°27	7°52	8°50	16°41	16°37	S 26
M27	0 23 0	3°52'54	8♌54	24°25	27°28	9°35	17°36	5°47	4°58	8°15	25°28	7°48	8°46	16°48	16°35	M27
T 28	0 26 57	4°51'40	23° 9	24°16	28°42	10°14	17°43	5°49	4°56	8°14	25°28	7°41	8°43	16°55	16°33	T 28
W29	0 30 53	5°50'29	7♍50	24° 1	29°55	10°54	17°50	5°51	4°53	8°13	25°29	7°33	8°40	17° 1	16°31	W29
T 30	0 34 50	6♎49'20	22♍54	23♎38	1♏ 9	11♎33	17♋57	5♋53	4♈51	8♓11	25♋30	7♐23	8♐37	17♈ 8	16♉29	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	8n20	6n59	4s55	1s52	0s48	3n 0	1n17	3n40	0n53	22n33	0s10	22n17	1s 4	1n40	0s46	8s55	0s46	21n30	0n24	21s58	21s57	9n25	15n26	1s35
T 2	7 58	1 28	4 59	2 33	0 57	2 29	1 16	3 24	0 53	22 32	0 10	22 17	1 4	1 39	0 46	8 56	0 46	21 30	0 24	21 57	21 56	9 27	15 25	1 35
F 3	7 37	4s12	4 43	3 12	1 6	1 59	1 15	3 9	0 53	22 31	0 10	22 16	1 4	1 38	0 46	8 57	0 46	21 30	0 24	21 55	21 56	9 30	15 25	1 35
S 4	7 15	9 36	4 7	3 51	1 15	1 28	1 14	2 53	0 52	22 30	0 9	22 16	1 4	1 37	0 46	8 57	0 46	21 30	0 24	21 54	21 56	9 32	15 25	1 35
S 5	6 52	14 21	3 14	4 29	1 24	0 57	1 12	2 37	0 52	22 29	0 9	22 16	1 4	1 36	0 46	8 58	0 46	21 29	0 24	21 53	21 55	9 34	15 24	1 35
M 6	6 30	18 8	2 10	5 7	1 32	0 27	1 11	2 22	0 51	22 28	0 9	22 16	1 4	1 36	0 46	8 59	0 46	21 29	0 25	21 52	21 55	9 36	15 24	1 35
T 7	6 8	20 44	0 59	5 43	1 41	0s 4	1 9	2 6	0 51	22 27	0 9	22 16	1 4	1 35	0 46	8 59	0 46	21 29	0 25	21 52	21 54	9 38	15 23	1 36
W 8	5 45	22 0	0n13	6 19	1 50	0 35	1 8	1 50	0 51	22 26	0 9	22 15	1 4	1 34	0 46	9 0	0 46	21 29	0 25	21 52	21 54	9 40	15 23	1 36
T 9	5 23	21 57	1 23	6 54	1 59	1 5	1 6	1 35	0 50	22 25	0 9	22 15	1 4	1 33	0 46	9 0	0 46	21 29	0 25	21 52	21 53	9 42	15 22	1 36
F 10	5 0	20 41	2 27	7 28	2 8	1 36	1 5	1 19	0 50	22 24	0 9	22 15	1 4	1 32	0 46	9 1	0 46	21 29	0 25	21 52	21 53	9 45	15 22	1 36
S 11	4 38	18 21	3 22	8 0	2 16	2 7	1 3	1 3	0 49	22 23	0 9	22 15	1 4	1 31	0 46	9 2	0 46	21 29	0 25	21 51	21 52	9 47	15 22	1 36
S 12	4 15	15 12	4 6	8 32	2 25	2 38	1 1	0 48	0 49	22 22	0 9	22 15	1 4	1 30	0 46	9 2	0 46	21 29	0 25	21 50	21 52	9 49	15 21	1 37
M13	3 52	11 25	4 38	9 3	2 33	3 8	0 59	0 32	0 48	22 21	0 9	22 15	1 5	1 29	0 46	9 3	0 46	21 28	0 25	21 49	21 51	9 51	15 21	1 37
T 14	3 29	7 13	4 56	9 32	2 41	3 39	0 58	0 16	0 48	22 20	0 9	22 14	1 5	1 28	0 46	9 4	0 46	21 28	0 25	21 47	21 51	9 53	15 20	1 37
W15	3 6	2 46	5 0	10 0	2 49	4 9	0 56	0 0	0 48	22 19	0 9	22 14	1 5	1 27	0 46	9 4	0 46	21 28	0 25	21 45	21 50	9 55	15 19	1 37
T 16	2 43	1n43	4 51	10 26	2 57	4 40	0 54	0s15	0 47	22 18	0 8	22 14	1 5	1 27	0 46	9 5	0 46	21 28	0 25	21 43	21 50	9 57	15 19	1 37
F 17	2 20	6 7	4 29	10 51	3 5	5 10	0 52	0 31	0 47	22 17	0 8	22 14	1 5	1 26	0 46	9 5	0 46	21 28	0 25	21 41	21 49	9 59	15 18	1 37
S 18	1 57	10 16	3 56	11 14	3 12	5 41	0 49	0 47	0 46	22 16	0 8	22 14	1 5	1 25	0 46	9 6	0 46	21 28	0 25	21 39	21 49	10 2	15 18	1 38
S 19	1 34	14 0	3 12	11 36	3 18	6 11	0 47	1 3	0 46	22 15	0 8	22 14	1 5	1 24	0 46	9 6	0 46	21 28	0 25	21 38	21 48	10 4	15 17	1 38
M20	1 11	17 11	2 20	11 55	3 25	6 41	0 45	1 18	0 45	22 14	0 8	22 14	1 5	1 23	0 46	9 7	0 46	21 28	0 26	21 37	21 48	10 6	15 17	1 38
T 21	0 47	19 40	1 21	12 13	3 31	7 11	0 43	1 34	0 45	22 13	0 8	22 13	1 5	1 22	0 46	9 8	0 46	21 28	0 26	21 37	21 47	10 8	15 16	1 38
W22	0 24	21 19	0 19	12 28	3 36	7 41	0 41	1 50	0 45	22 13	0 8	22 13	1 5	1 21	0 46	9 8	0 46	21 28	0 26	21 36	21 47	10 10	15 15	1 38
T 23	0 1	21 59	0s46	12 40	3 40	8 10	0 38	2 6	0 44	22 12	0 8	22 13	1 5	1 20	0 46	9 9	0 46	21 27	0 26	21 36	21 46	10 12	15 15	1 38
F 24	0s23	21 34	1 50	12 50	3 44	8 40	0 36	2 22	0 44	22 11	0 8	22 13	1 5	1 19	0 46	9 9	0 46	21 27	0 26	21 36	21 46	10 14	15 14	1 39
S 25	0 46	20 3	2 51	12 57	3 47	9 9	0 34	2 37	0 43	22 10	0 8	22 13	1 5	1 18	0 46	9 10	0 46	21 27	0 26	21 36	21 46	10 16	15 13	1 39
S 26	1 9	17 24	3 44	13 1	3 49	9 38	0 31	2 53	0 43	22 9	0 8	22 13	1 5	1 17	0 46	9 10	0 46	21 27	0 26	21 36	21 45	10 18	15 13	1 39
M27	1 32	13 43	4 27	13 1	3 51	10 7	0 29	3 9	0 42	22 8	0 7	22 12	1 5	1 16	0 46	9 11	0 46	21 27	0 26	21 35	21 45	10 20	15 12	1 39
T 28	1 56	9 9	4 55	12 58	3 50	10 35	0 26	3 25	0 42	22 7	0 7	22 12	1 5	1 15	0 46	9 11	0 46	21 27	0 26	21 34	21 44	10 22	15 11	1 39
W29	2 19	3 55	5 4	12 51	3 49	11 4	0 24	3 40	0 41	22 6	0 7	22 12	1 5	1 14	0 46	9 12	0 46	21 27	0 26	21 33	21 44	10 25	15 10	1 39
T 30	2s42	1s40	4s53	12s40	3s46	11s32	0n21	3s56	0n41	22n 6	0s 7	22n12	1s 5	1n13	0s46	9s13	0s46	21n27	0n26	21s31	21s43	10n27	15n10	1s39

Julian Day Number = 2517166.5, Delta T = 144.42 sec
Ecliptic obliquity = 23°24'55, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°15'03, Lahiri = 26°22'04

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2179
geocentric

OCTOBER 2179 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 38 46	7♎48'14	8♎ 9	23°R 8	2♏23	12♎12	18♋ 4	5♋55	4°R48	8°R10	25♋30	7°R15	8♐34	17♈15	16°R27	F 1
S 2	0 42 43	8°47'09	23°26	22♎31	3°37	12°51	18°10	5°57	4♈46	8♓ 8	25°31	7♐ 7	8°30	17°21	16♉25	S 2
S 3	0 46 40	9°46'06	8♏33	21°46	4°50	13°30	18°17	5°59	4°44	8° 7	25°32	7° 2	8°27	17°28	16°23	S 3
M 4	0 50 36	10°45'05	23°21	20°54	6° 4	14°10	18°23	6° 0	4°41	8° 6	25°32	6°59	8°24	17°35	16°21	M 4
T 5	0 54 33	11°44'06	7♐46	19°57	7°18	14°49	18°29	6° 2	4°39	8° 4	25°33	6°D58	8°21	17°41	16°18	T 5
W 6	0 58 29	12°43'08	21°44	18°54	8°32	15°28	18°35	6° 3	4°36	8° 3	25°33	6°59	8°18	17°48	16°16	W 6
T 7	1 2 26	13°42'13	5♑16	17°47	9°45	16° 8	18°41	6° 5	4°34	8° 2	25°34	7° 0	8°15	17°55	16°14	T 7
F 8	1 6 22	14°41'19	18°24	16°38	10°59	16°47	18°47	6° 6	4°32	8° 1	25°34	7°R 0	8°11	18° 2	16°11	F 8
S 9	1 10 19	15°40'27	1♒12	15°28	12°13	17°27	18°53	6° 7	4°29	7°59	25°35	6°58	8° 8	18° 8	16° 9	S 9
S 10	1 14 15	16°39'36	13°42	14°19	13°27	18° 6	18°58	6° 8	4°27	7°58	25°35	6°55	8° 5	18°15	16° 6	S 10
M11	1 18 12	17°38'47	25°59	13°14	14°40	18°46	19° 3	6° 9	4°25	7°57	25°36	6°49	8° 2	18°22	16° 4	M11
T 12	1 22 9	18°38'01	8♓ 7	12°13	15°54	19°25	19° 8	6°10	4°22	7°56	25°36	6°42	7°59	18°28	16° 1	T 12
W13	1 26 5	19°37'15	20° 7	11°20	17° 7	20° 5	19°13	6°11	4°20	7°55	25°36	6°33	7°56	18°35	15°59	W13
T 14	1 30 2	20°36'32	2♈ 2	10°34	18°21	20°44	19°18	6°11	4°18	7°54	25°37	6°24	7°52	18°42	15°56	T 14
F 15	1 33 58	21°35'51	13°54	9°58	19°35	21°24	19°22	6°12	4°15	7°52	25°37	6°15	7°49	18°48	15°53	F 15
S 16	1 37 55	22°35'12	25°44	9°32	20°48	22° 4	19°26	6°12	4°13	7°51	25°37	6° 8	7°46	18°55	15°51	S 16
S 17	1 41 51	23°34'35	7♉35	9°16	22° 2	22°43	19°31	6°12	4°11	7°50	25°37	6° 2	7°43	19° 2	15°48	S 17
M18	1 45 48	24°34'00	19°28	9°D12	23°15	23°23	19°35	6°12	4° 9	7°49	25°38	5°59	7°40	19° 8	15°45	M18
T 19	1 49 44	25°33'27	1♊26	9°19	24°29	24° 3	19°38	6°R12	4° 7	7°48	25°38	5°D57	7°36	19°15	15°42	T 19
W20	1 53 41	26°32'56	13°30	9°37	25°42	24°43	19°42	6°12	4° 4	7°47	25°38	5°57	7°33	19°22	15°40	W20
T 21	1 57 37	27°32'28	25°46	10° 4	26°56	25°23	19°46	6°12	4° 2	7°46	25°38	5°59	7°30	19°29	15°37	T 21
F 22	2 1 34	28°32'02	8♋16	10°41	28°10	26° 3	19°49	6°12	4° 0	7°46	25°38	6° 0	7°27	19°35	15°34	F 22
S 23	2 5 31	29°31'38	21° 4	11°27	29°23	26°43	19°52	6°11	3°58	7°45	25°38	6° 2	7°24	19°42	15°31	S 23
S 24	2 9 27	0♏31'16	4♌15	12°20	0♐37	27°23	19°55	6°11	3°56	7°44	25°39	6°R 2	7°21	19°49	15°28	S 24
M25	2 13 24	1°30'57	17°50	13°21	1°50	28° 3	19°57	6°10	3°54	7°43	25°39	6° 1	7°17	19°55	15°25	M25
T 26	2 17 20	2°30'40	1♍53	14°28	3° 3	28°43	20° 0	6° 9	3°52	7°42	25°39	5°58	7°14	20° 2	15°23	T 26
W27	2 21 17	3°30'25	16°22	15°41	4°17	29°23	20° 2	6° 8	3°50	7°41	25°R39	5°54	7°11	20° 9	15°20	W27
T 28	2 25 13	4°30'12	1♎13	16°58	5°30	0♏ 3	20° 4	6° 7	3°48	7°41	25°39	5°50	7° 8	20°15	15°17	T 28
F 29	2 29 10	5°30'01	16°20	18°19	6°44	0°43	20° 6	6° 6	3°46	7°40	25°39	5°45	7° 5	20°22	15°14	F 29
S 30	2 33 6	6°29'53	1♏33	19°43	7°57	1°23	20° 8	6° 5	3°44	7°39	25°38	5°41	7° 2	20°29	15°11	S 30
S 31	2 37 3	7♏29'46	16♏43	21♎11	9♐11	2♏ 3	20♋10	6♋ 4	3♈42	7♓39	25♋38	5♐39	6♐58	20♈35	15♉ 8	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	3s 6	7s14	4s22	12s25	3s42	12s 0	0n18	4s12	0n41	22n 5	0s 7	22n12	1s 5	1n12	0s46	9s13	0s46	21n27	0n26	21s30	21s43	10n29	15n 9	1s40
S 2	3 29	12 21	3 31	12 5	3 36	12 28	0 16	4 27	0 40	22 4	0 7	22 12	1 5	1 11	0 46	9 14	0 46	21 27	0 26	21 29	21 42	10 31	15 8	1 40
S 3	3 52	16 39	2 26	11 41	3 28	12 55	0 13	4 43	0 40	22 3	0 7	22 12	1 5	1 10	0 46	9 14	0 46	21 27	0 26	21 28	21 42	10 33	15 7	1 40
M 4	4 15	19 46	1 12	11 13	3 18	13 22	0 10	4 59	0 39	22 2	0 7	22 12	1 5	1 9	0 46	9 15	0 46	21 27	0 27	21 27	21 41	10 35	15 7	1 40
T 5	4 38	21 31	0n 4	10 40	3 7	13 49	0 8	5 14	0 39	22 2	0 7	22 12	1 5	1 9	0 46	9 15	0 46	21 27	0 27	21 27	21 41	10 37	15 6	1 40
W 6	5 1	21 51	1 19	10 4	2 53	14 15	0 5	5 30	0 38	22 1	0 7	22 11	1 5	1 8	0 46	9 16	0 46	21 27	0 27	21 27	21 40	10 39	15 5	1 40
T 7	5 24	20 53	2 26	9 24	2 38	14 41	0 2	5 45	0 38	22 0	0 7	22 11	1 5	1 7	0 46	9 16	0 46	21 27	0 27	21 27	21 40	10 41	15 4	1 40
F 8	5 47	18 47	3 24	8 42	2 21	15 7	0s 1	6 1	0 37	22 0	0 6	22 11	1 5	1 6	0 46	9 16	0 46	21 27	0 27	21 27	21 39	10 43	15 3	1 41
S 9	6 10	15 49	4 10	7 58	2 3	15 32	0 3	6 16	0 37	21 59	0 6	22 11	1 5	1 5	0 46	9 17	0 46	21 27	0 27	21 27	21 39	10 45	15 3	1 41
S 10	6 33	12 11	4 43	7 14	1 43	15 57	0 6	6 32	0 36	21 58	0 6	22 11	1 5	1 4	0 46	9 17	0 46	21 27	0 27	21 27	21 38	10 47	15 2	1 41
M11	6 55	8 6	5 2	6 30	1 23	16 22	0 9	6 47	0 36	21 58	0 6	22 11	1 5	1 3	0 46	9 18	0 46	21 27	0 27	21 26	21 38	10 49	15 1	1 41
T 12	7 18	3 46	5 7	5 47	1 3	16 46	0 12	7 3	0 35	21 57	0 6	22 11	1 5	1 2	0 46	9 18	0 46	21 27	0 27	21 24	21 37	10 51	15 0	1 41
W13	7 40	0n40	4 59	5 7	0 42	17 10	0 15	7 18	0 35	21 56	0 6	22 11	1 5	1 1	0 46	9 19	0 46	21 27	0 27	21 23	21 37	10 53	14 59	1 41
T 14	8 2	5 3	4 37	4 31	0 22	17 33	0 18	7 33	0 34	21 56	0 6	22 11	1 5	1 0	0 46	9 19	0 46	21 27	0 27	21 21	21 36	10 55	14 58	1 41
F 15	8 25	9 14	4 4	3 59	0 2	17 56	0 20	7 49	0 34	21 55	0 6	22 11	1 5	0 59	0 46	9 19	0 46	21 27	0 27	21 20	21 35	10 57	14 57	1 42
S 16	8 47	13 3	3 20	3 31	0n16	18 19	0 23	8 4	0 34	21 55	0 6	22 11	1 6	0 59	0 46	9 20	0 46	21 27	0 27	21 19	21 35	10 59	14 56	1 42
S 17	9 9	16 21	2 28	3 10	0 33	18 41	0 26	8 19	0 33	21 54	0 6	22 11	1 6	0 58	0 46	9 20	0 46	21 27	0 28	21 18	21 34	11 1	14 56	1 42
M18	9 31	19 0	1 28	2 53	0 49	19 2	0 29	8 34	0 33	21 54	0 5	22 11	1 6	0 57	0 46	9 21	0 46	21 27	0 28	21 17	21 34	11 3	14 55	1 42
T 19	9 52	20 50	0 25	2 43	1 4	19 23	0 32	8 49	0 32	21 53	0 5	22 11	1 6	0 56	0 46	9 21	0 46	21 27	0 28	21 17	21 33	11 5	14 54	1 42
W20	10 14	21 43	0s41	2 38	1 17	19 44	0 35	9 4	0 32	21 53	0 5	22 11	1 6	0 55	0 46	9 21	0 46	21 27	0 28	21 17	21 33	11 7	14 53	1 42
T 21	10 35	21 35	1 46	2 38	1 28	20 4	0 38	9 19	0 31	21 53	0 5	22 11	1 6	0 54	0 46	9 22	0 46	21 27	0 28	21 17	21 32	11 9	14 52	1 42
F 22	10 57	20 23	2 47	2 44	1 37	20 23	0 40	9 34	0 31	21 52	0 5	22 11	1 6	0 53	0 46	9 22	0 46	21 27	0 28	21 17	21 32	11 11	14 51	1 42
S 23	11 18	18 7	3 41	2 54	1 45	20 42	0 43	9 49	0 30	21 52	0 5	22 11	1 6	0 53	0 46	9 22	0 46	21 27	0 28	21 17	21 31	11 13	14 50	1 43
S 24	11 39	14 52	4 26	3 9	1 52	21 1	0 46	10 4	0 30	21 52	0 5	22 11	1 6	0 52	0 46	9 23	0 46	21 27	0 28	21 18	21 31	11 15	14 49	1 43
M25	11 59	10 45	4 57	3 28	1 57	21 18	0 49	10 19	0 29	21 51	0 5	22 11	1 6	0 51	0 46	9 23	0 46	21 27	0 28	21 17	21 30	11 17	14 48	1 43
T 26	12 20	5 56	5 12	3 50	2 1	21 36	0 52	10 34	0 29	21 51	0 5	22 11	1 6	0 50	0 46	9 23	0 46	21 27	0 28	21 17	21 30	11 19	14 47	1 43
W27	12 40	0 39	5 7	4 15	2 4	21 52	0 55	10 48	0 28	21 51	0 5	22 11	1 6	0 49	0 46	9 23	0 46	21 27	0 28	21 16	21 29	11 21	14 46	1 43
T 28	13 1	4s48	4 43	4 43	2 5	22 8	0 57	11 3	0 28	21 51	0 4	22 11	1 6	0 49	0 46	9 24	0 46	21 27	0 28	21 15	21 29	11 23	14 45	1 43
F 29	13 21	10 5	3 58	5 14	2 6	22 24	1 0	11 17	0 27	21 50	0 4	22 11	1 6	0 48	0 46	9 24	0 46	21 28	0 28	21 15	21 28	11 25	14 44	1 43
S 30	13 40	14 45	2 56	5 46	2 6	22 39	1 3	11 32	0 27	21 50	0 4	22 11	1 6	0 47	0 45	9 24	0 46	21 28	0 29	21 14	21 28	11 27	14 43	1 43
S 31	14s 0	18s27	1s42	6s20	2n 4	22s53	1s 6	11s46	0n26	21n50	0s 4	22n11	1s 6	0n46	0s45	9s24	0s46	21n28	0n29	21s13	21s27	11n29	14n42	1s43

Julian Day Number = 2517196.5, Delta T = 144.49 sec
Ecliptic obliquity = 23°24'55, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°15'08, Lahiri = 26°22'08

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2179
geocentric

NOVEMBER 2179 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 41 0	8♏29'42	1♐39	22♎41	10♐24	2♏44	20♋11	6°R 2	3°R40	7°R38	25°R38	5°D38	6♐55	20♈42	15°R 5	M 1
T 2	2 44 56	9°29'39	16°13	24°13	11°37	3°24	20°12	6♋ 1	3♈38	7♓38	25♋38	5♐38	6°52	20°49	15♉ 2	T 2
W 3	2 48 53	10°29'38	0♑23	25°46	12°51	4° 4	20°13	5°59	3°37	7°37	25°38	5°39	6°49	20°55	14°59	W 3
T 4	2 52 49	11°29'39	14° 5	27°21	14° 4	4°45	20°14	5°57	3°35	7°37	25°38	5°41	6°46	21° 2	14°56	T 4
F 5	2 56 46	12°29'41	27°20	28°56	15°17	5°25	20°14	5°56	3°33	7°36	25°38	5°42	6°42	21° 9	14°53	F 5
S 6	3 0 42	13°29'45	10♒12	0♏33	16°31	6° 6	20°15	5°54	3°31	7°36	25°37	5°R43	6°39	21°16	14°50	S 6
S 7	3 4 39	14°29'50	22°43	2°10	17°44	6°46	20°R15	5°52	3°30	7°35	25°37	5°43	6°36	21°22	14°47	S 7
M 8	3 8 35	15°29'57	4♓58	3°47	18°57	7°27	20°15	5°49	3°28	7°35	25°37	5°41	6°33	21°29	14°44	M 8
T 9	3 12 32	16°30'06	17° 1	5°25	20°10	8° 7	20°15	5°47	3°27	7°34	25°36	5°39	6°30	21°36	14°41	T 9
W10	3 16 29	17°30'16	28°57	7° 3	21°23	8°48	20°14	5°45	3°25	7°34	25°36	5°37	6°27	21°42	14°38	W10
T 11	3 20 25	18°30'27	10♈48	8°40	22°37	9°28	20°13	5°42	3°24	7°34	25°36	5°34	6°23	21°49	14°35	T 11
F 12	3 24 22	19°30'40	22°38	10°18	23°50	10° 9	20°13	5°40	3°22	7°34	25°35	5°31	6°20	21°56	14°32	F 12
S 13	3 28 18	20°30'55	4♉29	11°56	25° 3	10°50	20°12	5°37	3°21	7°33	25°35	5°29	6°17	22° 2	14°29	S 13
S 14	3 32 15	21°31'12	16°25	13°33	26°16	11°31	20°10	5°34	3°19	7°33	25°34	5°27	6°14	22° 9	14°26	S 14
M15	3 36 11	22°31'30	28°25	15°11	27°29	12°11	20° 9	5°31	3°18	7°33	25°34	5°26	6°11	22°16	14°23	M15
T 16	3 40 8	23°31'50	10♊34	16°48	28°42	12°52	20° 7	5°28	3°17	7°33	25°34	5°D26	6° 8	22°22	14°20	T 16
W17	3 44 4	24°32'11	22°51	18°25	29°55	13°33	20° 5	5°25	3°15	7°33	25°33	5°27	6° 4	22°29	14°17	W17
T 18	3 48 1	25°32'35	5♋19	20° 2	1♑ 8	14°14	20° 3	5°22	3°14	7°33	25°33	5°28	6° 1	22°36	14°14	T 18
F 19	3 51 58	26°33'00	18° 0	21°38	2°21	14°55	20° 1	5°19	3°13	7°D33	25°32	5°29	5°58	22°42	14°11	F 19
S 20	3 55 54	27°33'27	0♌57	23°15	3°34	15°36	19°59	5°16	3°12	7°33	25°31	5°30	5°55	22°49	14° 8	S 20
S 21	3 59 51	28°33'56	14°10	24°51	4°47	16°17	19°56	5°12	3°11	7°33	25°31	5°30	5°52	22°56	14° 5	S 21
M22	4 3 47	29°34'27	27°42	26°27	6° 0	16°58	19°53	5° 9	3°10	7°33	25°30	5°R30	5°48	23° 2	14° 2	M22
T 23	4 7 44	0♐34'59	11♍35	28° 2	7°12	17°39	19°50	5° 5	3° 9	7°33	25°30	5°30	5°45	23° 9	13°59	T 23
W24	4 11 40	1°35'34	25°47	29°37	8°25	18°20	19°47	5° 2	3° 8	7°33	25°29	5°30	5°42	23°16	13°57	W24
T 25	4 15 37	2°36'10	10♎17	1♐13	9°38	19° 2	19°44	4°58	3° 7	7°33	25°28	5°30	5°39	23°22	13°54	T 25
F 26	4 19 33	3°36'48	25° 1	2°48	10°51	19°43	19°40	4°54	3° 6	7°34	25°27	5°29	5°36	23°29	13°51	F 26
S 27	4 23 30	4°37'27	9♏54	4°22	12° 3	20°24	19°36	4°50	3° 5	7°34	25°27	5°29	5°33	23°36	13°48	S 27
S 28	4 27 27	5°38'08	24°47	5°57	13°16	21° 5	19°32	4°46	3° 5	7°34	25°26	5°D29	5°29	23°43	13°45	S 28
M29	4 31 23	6°38'51	9♐34	7°32	14°29	21°47	19°28	4°42	3° 4	7°34	25°25	5°R29	5°26	23°49	13°43	M29
T 30	4 35 20	7♐39'35	24♐ 6	9♐ 6	15♑41	22♏28	19♋24	4♋38	3♈ 3	7♓35	25♋24	5♐29	5♐23	23♈56	13♉40	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14s19	20s50	0s22	6s55	2n 2	23s 7	1s 8	12s 0	0n26	21n50	0s 4	22n11	1s 6	0n46	0s45	9s25	0s46	21n28	0n29	21s13	21s27	11n31	14n41	1s44
T 2	14 38	21 45	0n58	7 31	2 0	23 20	1 11	12 15	0 25	21 50	0 4	22 11	1 6	0 45	0 45	9 25	0 46	21 28	0 29	21 13	21 26	11 33	14 41	1 44
W 3	14 57	21 13	2 12	8 8	1 57	23 32	1 14	12 29	0 24	21 50	0 4	22 11	1 6	0 44	0 45	9 25	0 46	21 28	0 29	21 14	21 26	11 35	14 40	1 44
T 4	15 16	19 25	3 16	8 46	1 53	23 44	1 16	12 43	0 24	21 50	0 4	22 11	1 6	0 44	0 45	9 25	0 46	21 28	0 29	21 14	21 25	11 37	14 39	1 44
F 5	15 34	16 37	4 8	9 24	1 48	23 54	1 19	12 57	0 23	21 50	0 4	22 11	1 6	0 43	0 45	9 25	0 46	21 28	0 29	21 14	21 24	11 39	14 38	1 44
S 6	15 52	13 6	4 45	10 2	1 44	24 5	1 21	13 11	0 23	21 50	0 3	22 11	1 6	0 42	0 45	9 25	0 46	21 28	0 29	21 14	21 24	11 41	14 37	1 44
S 7	16 10	9 5	5 7	10 40	1 39	24 14	1 24	13 25	0 22	21 50	0 3	22 11	1 6	0 42	0 45	9 26	0 46	21 28	0 29	21 14	21 23	11 43	14 36	1 44
M 8	16 28	4 47	5 15	11 18	1 33	24 23	1 26	13 38	0 22	21 50	0 3	22 11	1 6	0 41	0 45	9 26	0 46	21 29	0 29	21 14	21 23	11 45	14 35	1 44
T 9	16 45	0 22	5 9	11 56	1 28	24 31	1 29	13 52	0 21	21 50	0 3	22 11	1 6	0 41	0 45	9 26	0 46	21 29	0 29	21 14	21 22	11 47	14 34	1 44
W10	17 2	4n 1	4 50	12 34	1 22	24 39	1 31	14 5	0 21	21 51	0 3	22 12	1 6	0 40	0 45	9 26	0 46	21 29	0 29	21 13	21 22	11 49	14 33	1 44
T 11	17 19	8 13	4 18	13 11	1 16	24 46	1 33	14 19	0 20	21 51	0 3	22 12	1 6	0 39	0 45	9 26	0 46	21 29	0 29	21 13	21 21	11 51	14 32	1 44
F 12	17 35	12 7	3 35	13 48	1 9	24 52	1 35	14 32	0 20	21 51	0 3	22 12	1 6	0 39	0 45	9 26	0 46	21 29	0 29	21 12	21 21	11 53	14 31	1 45
S 13	17 52	15 34	2 43	14 24	1 3	24 57	1 38	14 45	0 19	21 51	0 3	22 12	1 6	0 38	0 45	9 26	0 46	21 29	0 30	21 12	21 20	11 55	14 30	1 45
S 14	18 7	18 23	1 43	15 0	0 56	25 1	1 40	14 58	0 19	21 52	0 2	22 12	1 6	0 38	0 45	9 26	0 46	21 29	0 30	21 11	21 20	11 56	14 29	1 45
M15	18 23	20 25	0 39	15 35	0 50	25 5	1 42	15 12	0 18	21 52	0 2	22 12	1 6	0 37	0 45	9 26	0 46	21 30	0 30	21 11	21 19	11 58	14 28	1 45
T 16	18 38	21 32	0s28	16 9	0 43	25 8	1 44	15 24	0 18	21 52	0 2	22 12	1 6	0 37	0 45	9 26	0 46	21 30	0 30	21 11	21 18	12 0	14 27	1 45
W17	18 53	21 38	1 35	16 43	0 36	25 11	1 46	15 37	0 17	21 53	0 2	22 12	1 6	0 36	0 45	9 26	0 46	21 30	0 30	21 11	21 18	12 2	14 26	1 45
T 18	19 8	20 40	2 38	17 15	0 29	25 12	1 48	15 50	0 16	21 53	0 2	22 13	1 6	0 36	0 45	9 26	0 46	21 30	0 30	21 12	21 17	12 4	14 25	1 45
F 19	19 22	18 39	3 35	17 48	0 23	25 13	1 50	16 3	0 16	21 54	0 2	22 13	1 6	0 35	0 45	9 26	0 46	21 30	0 30	21 12	21 17	12 6	14 24	1 45
S 20	19 36	15 40	4 22	18 19	0 16	25 13	1 51	16 15	0 15	21 54	0 2	22 13	1 6	0 35	0 45	9 26	0 46	21 30	0 30	21 12	21 16	12 8	14 23	1 45
S 21	19 49	11 50	4 56	18 49	0 9	25 13	1 53	16 27	0 15	21 55	0 2	22 13	1 6	0 35	0 45	9 26	0 46	21 31	0 30	21 12	21 16	12 10	14 23	1 45
M22	20 2	7 20	5 15	19 18	0 2	25 11	1 55	16 40	0 14	21 55	0 1	22 13	1 6	0 34	0 45	9 26	0 46	21 31	0 30	21 12	21 15	12 12	14 22	1 45
T 23	20 15	2 20	5 16	19 47	0s 5	25 9	1 56	16 52	0 14	21 56	0 1	22 13	1 6	0 34	0 45	9 26	0 46	21 31	0 30	21 12	21 15	12 14	14 21	1 45
W24	20 28	2s53	4 58	20 14	0 11	25 7	1 58	17 4	0 13	21 56	0 1	22 13	1 6	0 34	0 45	9 26	0 46	21 31	0 30	21 12	21 14	12 15	14 20	1 45
T 25	20 40	8 4	4 21	20 41	0 18	25 3	1 59	17 16	0 12	21 57	0 1	22 14	1 6	0 33	0 45	9 26	0 46	21 31	0 30	21 12	21 13	12 17	14 19	1 45
F 26	20 51	12 53	3 27	21 6	0 25	24 59	2 1	17 27	0 12	21 58	0 1	22 14	1 6	0 33	0 45	9 26	0 46	21 32	0 31	21 12	21 13	12 19	14 18	1 45
S 27	21 2	16 56	2 18	21 30	0 31	24 54	2 2	17 39	0 11	21 58	0 1	22 14	1 6	0 33	0 45	9 26	0 46	21 32	0 31	21 12	21 12	12 21	14 17	1 45
S 28	21 13	19 54	0 59	21 54	0 38	24 48	2 3	17 50	0 11	21 59	0 1	22 14	1 6	0 32	0 45	9 26	0 46	21 32	0 31	21 12	21 12	12 23	14 16	1 46
M29	21 24	21 29	0n23	22 16	0 44	24 41	2 4	18 2	0 10	22 0	0 1	22 14	1 6	0 32	0 44	9 26	0 46	21 32	0 31	21 12	21 11	12 25	14 15	1 46
T 30	21s34	21s35	1n42	22s37	0s50	24s34	2s 5	18s13	0n10	22n 0	0s 0	22n14	1s 6	0n32	0s44	9s25	0s46	21n32	0n31	21s12	21s11	12n27	14n15	1s46

Julian Day Number = 2517227.5, Delta T = 144.56 sec
Ecliptic obliquity = 23°24'54, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°15'12, Lahiri = 26°22'12

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2179
geocentric

DECEMBER 2179 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 39 16	8♐40'20	8♉18	10♐40	16♉54	23♏10	19°R19	4°R34	3°R 3	7♓35	25°R24	5°R29	5♐20	24♈ 3	13°R37	W 1
T 2	4 43 13	9°41'06	22° 6	12°14	18° 6	23°51	19♋15	4♋30	3♈ 2	7°36	25♋23	5♐28	5°17	24° 9	13♉35	T 2
F 3	4 47 9	10°41'53	5♒29	13°48	19°19	24°33	19°10	4°26	3° 2	7°36	25°22	5°28	5°14	24°16	13°32	F 3
S 4	4 51 6	11°42'41	18°27	15°22	20°31	25°14	19° 5	4°21	3° 1	7°37	25°21	5°27	5°10	24°23	13°30	S 4
S 5	4 55 3	12°43'31	1♓ 3	16°56	21°43	25°56	19° 0	4°17	3° 1	7°37	25°20	5°27	5° 7	24°29	13°27	S 5
M 6	4 58 59	13°44'21	13°21	18°30	22°55	26°37	18°54	4°13	3° 0	7°38	25°19	5°D27	5° 4	24°36	13°24	M 6
T 7	5 2 56	14°45'11	25°25	20° 4	24° 8	27°19	18°49	4° 8	3° 0	7°38	25°18	5°27	5° 1	24°43	13°22	T 7
W 8	5 6 52	15°46'03	7♈19	21°37	25°20	28° 1	18°43	4° 4	3° 0	7°39	25°18	5°27	4°58	24°49	13°20	W 8
T 9	5 10 49	16°46'55	19° 9	23°11	26°32	28°43	18°37	3°59	3° 0	7°40	25°17	5°28	4°54	24°56	13°17	T 9
F 10	5 14 45	17°47'49	0♉59	24°45	27°44	29°24	18°31	3°54	2°59	7°40	25°16	5°30	4°51	25° 3	13°15	F 10
S 11	5 18 42	18°48'43	12°53	26°19	28°56	0♐ 6	18°25	3°50	2°59	7°41	25°15	5°31	4°48	25° 9	13°12	S 11
S 12	5 22 38	19°49'38	24°53	27°52	0♒ 8	0°48	18°19	3°45	2°D59	7°42	25°14	5°32	4°45	25°16	13°10	S 12
M13	5 26 35	20°50'34	7♊ 4	29°26	1°20	1°30	18°12	3°40	2°59	7°43	25°13	5°R32	4°42	25°23	13° 8	M13
T 14	5 30 32	21°51'30	19°26	1♉ 0	2°31	2°12	18° 6	3°35	2°59	7°44	25°12	5°32	4°39	25°29	13° 6	T 14
W15	5 34 28	22°52'28	2♋ 1	2°34	3°43	2°54	17°59	3°31	2°59	7°44	25°11	5°30	4°35	25°36	13° 4	W15
T 16	5 38 25	23°53'27	14°50	4° 7	4°55	3°36	17°52	3°26	3° 0	7°45	25° 9	5°28	4°32	25°43	13° 2	T 16
F 17	5 42 21	24°54'26	27°53	5°41	6° 6	4°18	17°46	3°21	3° 0	7°46	25° 8	5°25	4°29	25°49	12°59	F 17
S 18	5 46 18	25°55'26	11♌ 8	7°15	7°18	5° 0	17°39	3°16	3° 0	7°47	25° 7	5°22	4°26	25°56	12°57	S 18
S 19	5 50 14	26°56'27	24°37	8°48	8°29	5°42	17°31	3°11	3° 0	7°48	25° 6	5°19	4°23	26° 3	12°55	S 19
M20	5 54 11	27°57'29	8♍17	10°22	9°40	6°24	17°24	3° 6	3° 1	7°49	25° 5	5°17	4°20	26° 9	12°54	M20
T 21	5 58 7	28°58'32	22° 9	11°55	10°51	7° 7	17°17	3° 1	3° 1	7°50	25° 4	5°16	4°16	26°16	12°52	T 21
W22	6 2 4	29°59'36	6♎12	13°28	12° 2	7°49	17° 9	2°56	3° 2	7°51	25° 3	5°D16	4°13	26°23	12°50	W22
T 23	6 6 1	1♉ 0'41	20°25	15° 1	13°13	8°31	17° 2	2°51	3° 2	7°52	25° 2	5°16	4°10	26°29	12°48	T 23
F 24	6 9 57	2° 1'47	4♏44	16°34	14°24	9°14	16°54	2°47	3° 3	7°54	25° 0	5°18	4° 7	26°36	12°46	F 24
S 25	6 13 54	3° 2'54	19° 9	18° 6	15°35	9°56	16°47	2°42	3° 3	7°55	24°59	5°19	4° 4	26°43	12°45	S 25
S 26	6 17 50	4° 4'01	3♐35	19°37	16°46	10°38	16°39	2°37	3° 4	7°56	24°58	5°R20	4° 0	26°49	12°43	S 26
M27	6 21 47	5° 5'09	17°57	21° 8	17°57	11°21	16°31	2°32	3° 5	7°57	24°57	5°20	3°57	26°56	12°42	M27
T 28	6 25 43	6° 6'17	2♉11	22°37	19° 7	12° 3	16°23	2°27	3° 6	7°59	24°56	5°17	3°54	27° 3	12°40	T 28
W29	6 29 40	7° 7'26	16°11	24° 6	20°17	12°46	16°15	2°22	3° 6	8° 0	24°54	5°14	3°51	27°10	12°39	W29
T 30	6 33 36	8° 8'35	29°54	25°33	21°28	13°29	16° 7	2°17	3° 7	8° 1	24°53	5° 8	3°48	27°16	12°37	T 30
F 31	6 37 33	9♉ 9'45	13♒15	26♉59	22♒38	14♐11	15♋59	2♋12	3♈ 8	8♓ 3	24♋52	5♐ 3	3♐45	27♈23	12♉36	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21s44	20s17	2n53	22s57	0s56	24s26	2s 6	18s24	0n 9	22n 1	0s 0	22n15	1s 6	0n32	0s44	9s25	0s46	21n33	0n31	21s12	21s10	12n29	14n14	1s46
T 2	21 53	17 48	3 51	23 16	1 2	24 18	2 7	18 35	0 8	22 2	0 0	22 15	1 6	0 32	0 44	9 25	0 46	21 33	0 31	21 12	21 10	12 30	14 13	1 46
F 3	22 2	14 26	4 35	23 33	1 8	24 8	2 8	18 46	0 8	22 3	0 0	22 15	1 5	0 31	0 44	9 25	0 46	21 33	0 31	21 12	21 9	12 32	14 12	1 46
S 4	22 10	10 28	5 4	23 50	1 13	23 58	2 9	18 56	0 7	22 4	0n 0	22 15	1 5	0 31	0 44	9 25	0 46	21 33	0 31	21 11	21 8	12 34	14 11	1 46
S 5	22 18	6 9	5 17	24 5	1 19	23 48	2 9	19 7	0 7	22 4	0 0	22 15	1 5	0 31	0 44	9 24	0 46	21 34	0 31	21 11	21 8	12 36	14 11	1 46
M 6	22 26	1 42	5 14	24 19	1 24	23 36	2 10	19 17	0 6	22 5	0 0	22 16	1 5	0 31	0 44	9 24	0 46	21 34	0 31	21 11	21 7	12 38	14 10	1 46
T 7	22 33	2n45	4 59	24 32	1 29	23 24	2 10	19 27	0 5	22 6	0 0	22 16	1 5	0 31	0 44	9 24	0 46	21 34	0 31	21 11	21 7	12 40	14 9	1 46
W 8	22 39	7 2	4 30	24 43	1 34	23 11	2 11	19 37	0 5	22 7	0 1	22 16	1 5	0 31	0 44	9 24	0 46	21 34	0 31	21 11	21 6	12 42	14 8	1 46
T 9	22 46	11 2	3 50	24 53	1 39	22 58	2 11	19 47	0 4	22 8	0 1	22 16	1 5	0 31	0 44	9 23	0 45	21 35	0 32	21 12	21 6	12 43	14 8	1 46
F 10	22 51	14 37	3 0	25 2	1 43	22 44	2 11	19 57	0 4	22 9	0 1	22 16	1 5	0 31	0 44	9 23	0 45	21 35	0 32	21 12	21 5	12 45	14 7	1 46
S 11	22 57	17 38	2 2	25 9	1 48	22 29	2 11	20 6	0 3	22 10	0 1	22 17	1 5	0 31	0 44	9 23	0 45	21 35	0 32	21 12	21 4	12 47	14 6	1 46
S 12	23 2	19 55	0 59	25 15	1 52	22 14	2 11	20 15	0 2	22 11	0 1	22 17	1 5	0 31	0 44	9 23	0 45	21 35	0 32	21 12	21 4	12 49	14 5	1 46
M13	23 6	21 20	0s 8	25 20	1 55	21 58	2 11	20 25	0 2	22 12	0 1	22 17	1 5	0 31	0 44	9 22	0 45	21 36	0 32	21 12	21 3	12 51	14 5	1 46
T 14	23 10	21 44	1 16	25 23	1 59	21 42	2 11	20 34	0 1	22 13	0 1	22 17	1 5	0 31	0 44	9 22	0 45	21 36	0 32	21 12	21 3	12 53	14 4	1 46
W15	23 13	21 3	2 21	25 25	2 2	21 25	2 10	20 42	0 1	22 14	0 2	22 17	1 5	0 31	0 44	9 22	0 45	21 36	0 32	21 12	21 2	12 54	14 3	1 46
T 16	23 16	19 16	3 20	25 26	2 5	21 7	2 10	20 51	0 0	22 15	0 2	22 18	1 5	0 31	0 44	9 21	0 45	21 36	0 32	21 12	21 2	12 56	14 3	1 46
F 17	23 19	16 29	4 10	25 25	2 7	20 49	2 9	20 59	0s 1	22 16	0 2	22 18	1 5	0 31	0 44	9 21	0 45	21 37	0 32	21 11	21 1	12 58	14 2	1 46
S 18	23 21	12 48	4 47	25 22	2 9	20 30	2 9	21 8	0 1	22 17	0 2	22 18	1 4	0 31	0 44	9 21	0 45	21 37	0 32	21 10	21 0	13 0	14 2	1 46
S 19	23 23	8 26	5 9	25 18	2 11	20 11	2 8	21 16	0 2	22 18	0 2	22 18	1 4	0 32	0 44	9 20	0 45	21 37	0 32	21 10	21 0	13 2	14 1	1 46
M20	23 24	3 35	5 14	25 13	2 13	19 51	2 7	21 24	0 2	22 19	0 2	22 18	1 4	0 32	0 44	9 20	0 45	21 37	0 32	21 10	20 59	13 3	14 0	1 46
T 21	23 25	1s31	5 1	25 6	2 14	19 31	2 6	21 32	0 3	22 20	0 2	22 19	1 4	0 32	0 44	9 19	0 45	21 38	0 32	21 9	20 59	13 5	14 0	1 46
W22	23 25	6 36	4 30	24 58	2 14	19 10	2 5	21 39	0 4	22 21	0 3	22 19	1 4	0 32	0 44	9 19	0 45	21 38	0 32	21 9	20 58	13 7	13 59	1 46
T 23	23 25	11 24	3 42	24 48	2 14	18 49	2 4	21 46	0 4	22 23	0 3	22 19	1 4	0 32	0 44	9 18	0 45	21 38	0 33	21 10	20 57	13 9	13 59	1 46
F 24	23 24	15 36	2 40	24 36	2 14	18 27	2 3	21 54	0 5	22 24	0 3	22 19	1 4	0 33	0 43	9 18	0 45	21 39	0 33	21 10	20 57	13 10	13 58	1 46
S 25	23 23	18 54	1 28	24 23	2 13	18 4	2 1	22 1	0 6	22 25	0 3	22 19	1 4	0 33	0 43	9 18	0 45	21 39	0 33	21 10	20 56	13 12	13 58	1 46
S 26	23 21	21 0	0 10	24 9	2 12	17 42	2 0	22 7	0 6	22 26	0 3	22 20	1 4	0 33	0 43	9 17	0 45	21 39	0 33	21 10	20 56	13 14	13 57	1 46
M27	23 19	21 44	1n 9	23 53	2 10	17 18	1 58	22 14	0 7	22 27	0 3	22 20	1 4	0 34	0 43	9 17	0 45	21 39	0 33	21 10	20 55	13 16	13 57	1 46
T 28	23 16	21 2	2 22	23 36	2 7	16 55	1 56	22 20	0 8	22 28	0 3	22 20	1 4	0 34	0 43	9 16	0 45	21 40	0 33	21 10	20 54	13 18	13 56	1 46
W29	23 13	19 2	3 25	23 18	2 4	16 31	1 54	22 26	0 8	22 29	0 4	22 20	1 3	0 34	0 43	9 16	0 45	21 40	0 33	21 9	20 54	13 19	13 56	1 46
T 30	23 10	16 0	4 15	22 58	2 0	16 6	1 52	22 32	0 9	22 30	0 4	22 20	1 3	0 35	0 43	9 15	0 45	21 40	0 33	21 8	20 53	13 21	13 55	1 46
F 31	23s 6	12s12	4n49	22s37	1s55	15s42	1s50	22s38	0s 9	22n31	0n 4	22n21	1s 3	0n35	0s43	9s15	0s45	21n41	0n33	21s 7	20s53	13n23	13n55	1s46

Julian Day Number = 2517257.5, Delta T = 144.63 sec
Ecliptic obliquity = 23°24'53, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°15'16, Lahiri = 26°22'16

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2180
geocentric

JANUARY 2180 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 41 30	10♑10'54	26♒15	28♑23	23♒48	14♐54	15°R51	2°R 7	3♈ 9	8♓ 4	24°R51	4°R57	3♐41	27♈30	12°R35	S 1
S 2	6 45 26	11°12'03	8♓54	29°44	24°58	15°37	15♋43	2♋ 2	3°10	8° 5	24♋50	4♐51	3°38	27°36	12♉33	S 2
M 3	6 49 23	12°13'13	21°15	1♒ 3	26° 8	16°19	15°35	1°57	3°11	8° 7	24°48	4°48	3°35	27°43	12°32	M 3
T 4	6 53 19	13°14'22	3♈20	2°19	27°17	17° 2	15°27	1°53	3°12	8° 8	24°47	4°45	3°32	27°50	12°31	T 4
W 5	6 57 16	14°15'31	15°15	3°30	28°27	17°45	15°19	1°48	3°14	8°10	24°46	4°D45	3°29	27°56	12°30	W 5
T 6	7 1 12	15°16'39	27° 5	4°38	29°36	18°28	15°11	1°43	3°15	8°11	24°45	4°45	3°25	28° 3	12°29	T 6
F 7	7 5 9	16°17'48	8♉55	5°40	0♓45	19°11	15° 3	1°38	3°16	8°13	24°43	4°47	3°22	28°10	12°28	F 7
S 8	7 9 5	17°18'56	20°49	6°36	1°54	19°54	14°55	1°34	3°17	8°14	24°42	4°49	3°19	28°16	12°27	S 8
S 9	7 13 2	18°20'04	2♊54	7°25	3° 3	20°37	14°46	1°29	3°19	8°16	24°41	4°R49	3°16	28°23	12°26	S 9
M10	7 16 59	19°21'12	15°12	8° 7	4°12	21°20	14°38	1°24	3°20	8°18	24°39	4°49	3°13	28°30	12°26	M10
T 11	7 20 55	20°22'20	27°46	8°41	5°21	22° 3	14°30	1°20	3°22	8°19	24°38	4°46	3°10	28°36	12°25	T 11
W12	7 24 52	21°23'27	10♋39	9° 5	6°29	22°46	14°22	1°15	3°23	8°21	24°37	4°41	3° 6	28°43	12°24	W12
T 13	7 28 48	22°24'34	23°50	9°18	7°37	23°29	14°14	1°11	3°25	8°23	24°36	4°35	3° 3	28°50	12°24	T 13
F 14	7 32 45	23°25'41	7♌18	9°R21	8°45	24°12	14° 6	1° 6	3°26	8°24	24°34	4°26	3° 0	28°56	12°23	F 14
S 15	7 36 41	24°26'47	21° 1	9°12	9°53	24°55	13°59	1° 2	3°28	8°26	24°33	4°17	2°57	29° 3	12°23	S 15
S 16	7 40 38	25°27'53	4♍56	8°51	11° 0	25°39	13°51	0°58	3°30	8°28	24°32	4° 9	2°54	29°10	12°22	S 16
M17	7 44 34	26°28'59	18°57	8°19	12° 8	26°22	13°43	0°54	3°31	8°30	24°30	4° 2	2°51	29°16	12°22	M17
T 18	7 48 31	27°30'05	3♎ 4	7°35	13°15	27° 5	13°35	0°49	3°33	8°32	24°29	3°57	2°47	29°23	12°22	T 18
W19	7 52 28	28°31'11	17°11	6°41	14°22	27°49	13°28	0°45	3°35	8°33	24°28	3°54	2°44	29°30	12°21	W19
T 20	7 56 24	29°32'17	1♏18	5°38	15°29	28°32	13°20	0°41	3°37	8°35	24°26	3°D54	2°41	29°36	12°21	T 20
F 21	8 0 21	0♒33'22	15°24	4°28	16°35	29°15	13°13	0°37	3°39	8°37	24°25	3°54	2°38	29°43	12°21	F 21
S 22	8 4 17	1°34'28	29°26	3°13	17°41	29°59	13° 5	0°34	3°41	8°39	24°24	3°R55	2°35	29°50	12°D21	S 22
S 23	8 8 14	2°35'33	13♐25	1°56	18°47	0♑42	12°58	0°30	3°43	8°41	24°23	3°55	2°31	29°56	12°21	S 23
M24	8 12 10	3°36'38	27°19	0°38	19°53	1°26	12°51	0°26	3°45	8°43	24°21	3°52	2°28	0♉ 3	12°21	M24
T 25	8 16 7	4°37'42	11♑ 6	29♑22	20°59	2°10	12°44	0°22	3°47	8°45	24°20	3°47	2°25	0°10	12°22	T 25
W26	8 20 4	5°38'46	24°43	28°11	22° 4	2°53	12°37	0°19	3°49	8°47	24°19	3°39	2°22	0°16	12°22	W26
T 27	8 24 0	6°39'49	8♒ 7	27° 6	23° 9	3°37	12°30	0°15	3°51	8°49	24°18	3°29	2°19	0°23	12°22	T 27
F 28	8 27 57	7°40'51	21°16	26° 8	24°13	4°21	12°23	0°12	3°53	8°51	24°16	3°17	2°16	0°30	12°22	F 28
S 29	8 31 53	8°41'52	4♓ 8	25°18	25°18	5° 4	12°17	0° 8	3°56	8°53	24°15	3° 5	2°12	0°36	12°23	S 29
S 30	8 35 50	9°42'53	16°43	24°36	26°22	5°48	12°10	0° 5	3°58	8°55	24°14	2°54	2° 9	0°43	12°23	S 30
M31	8 39 46	10♒43'52	29♓ 2	24♑ 4	27♓26	6♑32	12♋ 4	0♋ 2	4♈ 0	8♓57	24♋13	2♐44	2♐ 6	0♉50	12♉24	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s 1	7s55	5n 8	22s15	1s49	15s16	1s48	22s44	0s10	22n32	0n 4	22n21	1s 3	0n36	0s43	9s14	0s45	21n41	0n33	21s 6	20s52	13n25	13n55	1s46
S 2	22 57	3 25	5 11	21 52	1 43	14 51	1 46	22 49	0 11	22 34	0 4	22 21	1 3	0 36	0 43	9 14	0 45	21 41	0 33	21 5	20 51	13 26	13 54	1 46
M 3	22 51	1n 7	4 59	21 28	1 36	14 25	1 43	22 54	0 11	22 35	0 4	22 21	1 3	0 36	0 43	9 13	0 45	21 41	0 33	21 4	20 51	13 28	13 54	1 46
T 4	22 45	5 31	4 34	21 3	1 28	13 59	1 41	22 59	0 12	22 36	0 4	22 21	1 3	0 37	0 43	9 12	0 45	21 42	0 33	21 4	20 50	13 30	13 54	1 46
W 5	22 39	9 39	3 57	20 37	1 18	13 32	1 38	23 4	0 13	22 37	0 5	22 22	1 3	0 37	0 43	9 12	0 45	21 42	0 33	21 4	20 50	13 32	13 53	1 46
T 6	22 32	13 23	3 11	20 11	1 8	13 5	1 35	23 8	0 13	22 38	0 5	22 22	1 2	0 38	0 43	9 11	0 45	21 42	0 33	21 4	20 49	13 33	13 53	1 46
F 7	22 25	16 36	2 16	19 45	0 57	12 38	1 32	23 12	0 14	22 39	0 5	22 22	1 2	0 38	0 43	9 11	0 45	21 43	0 34	21 4	20 48	13 35	13 53	1 46
S 8	22 18	19 9	1 15	19 20	0 45	12 11	1 29	23 16	0 15	22 40	0 5	22 22	1 2	0 39	0 43	9 10	0 45	21 43	0 34	21 4	20 48	13 37	13 53	1 46
S 9	22 10	20 53	0 10	18 54	0 31	11 43	1 26	23 20	0 15	22 41	0 5	22 22	1 2	0 40	0 43	9 9	0 45	21 43	0 34	21 5	20 47	13 38	13 52	1 46
M10	22 1	21 40	0s56	18 29	0 17	11 15	1 23	23 24	0 16	22 42	0 5	22 23	1 2	0 40	0 43	9 9	0 45	21 43	0 34	21 5	20 47	13 40	13 52	1 46
T 11	21 52	21 23	2 1	18 6	0 2	10 47	1 20	23 27	0 17	22 43	0 5	22 23	1 2	0 41	0 43	9 8	0 45	21 44	0 34	21 4	20 46	13 42	13 52	1 46
W12	21 43	19 59	3 1	17 44	0n15	10 18	1 16	23 30	0 17	22 44	0 6	22 23	1 2	0 41	0 43	9 8	0 45	21 44	0 34	21 3	20 45	13 44	13 52	1 46
T 13	21 33	17 29	3 53	17 23	0 32	9 49	1 13	23 33	0 18	22 45	0 6	22 23	1 1	0 42	0 43	9 7	0 45	21 44	0 34	21 2	20 45	13 45	13 52	1 46
F 14	21 23	14 1	4 33	17 5	0 50	9 21	1 9	23 36	0 19	22 46	0 6	22 23	1 1	0 43	0 43	9 6	0 45	21 45	0 34	21 0	20 44	13 47	13 51	1 46
S 15	21 12	9 45	4 58	16 50	1 9	8 52	1 5	23 38	0 19	22 47	0 6	22 23	1 1	0 43	0 43	9 6	0 45	21 45	0 34	20 59	20 44	13 49	13 51	1 46
S 16	21 2	4 56	5 7	16 37	1 28	8 22	1 1	23 41	0 20	22 48	0 6	22 24	1 1	0 44	0 43	9 5	0 45	21 45	0 34	20 57	20 43	13 50	13 51	1 46
M17	20 50	0s11	4 56	16 27	1 46	7 53	0 57	23 43	0 21	22 49	0 6	22 24	1 1	0 45	0 43	9 4	0 45	21 46	0 34	20 56	20 42	13 52	13 51	1 46
T 18	20 38	5 19	4 28	16 21	2 5	7 23	0 53	23 44	0 21	22 50	0 6	22 24	1 1	0 46	0 43	9 4	0 45	21 46	0 34	20 55	20 42	13 54	13 51	1 46
W19	20 26	10 11	3 44	16 17	2 22	6 54	0 49	23 46	0 22	22 51	0 6	22 24	1 1	0 46	0 42	9 3	0 45	21 46	0 34	20 55	20 41	13 55	13 51	1 46
T 20	20 14	14 30	2 46	16 17	2 38	6 24	0 44	23 47	0 23	22 51	0 7	22 24	1 0	0 47	0 42	9 2	0 45	21 46	0 34	20 54	20 41	13 57	13 51	1 46
F 21	20 1	17 59	1 38	16 20	2 53	5 54	0 40	23 48	0 24	22 52	0 7	22 25	1 0	0 48	0 42	9 2	0 45	21 47	0 34	20 55	20 40	13 59	13 51	1 46
S 22	19 47	20 24	0 24	16 25	3 5	5 24	0 35	23 49	0 24	22 53	0 7	22 25	1 0	0 49	0 42	9 1	0 45	21 47	0 35	20 55	20 39	14 1	13 51	1 46
S 23	19 34	21 33	0n51	16 32	3 16	4 54	0 30	23 50	0 25	22 54	0 7	22 25	1 0	0 50	0 42	9 0	0 45	21 47	0 35	20 55	20 39	14 2	13 51	1 46
M24	19 20	21 22	2 2	16 41	3 23	4 24	0 25	23 50	0 26	22 55	0 7	22 25	1 0	0 50	0 42	8 59	0 45	21 48	0 35	20 54	20 38	14 4	13 51	1 46
T 25	19 5	19 53	3 5	16 52	3 29	3 53	0 21	23 50	0 26	22 56	0 7	22 25	1 0	0 51	0 42	8 59	0 45	21 48	0 35	20 53	20 37	14 6	13 51	1 46
W26	18 50	17 17	3 57	17 3	3 31	3 23	0 15	23 50	0 27	22 56	0 7	22 25	0 59	0 52	0 42	8 58	0 45	21 48	0 35	20 52	20 37	14 7	13 51	1 46
T 27	18 35	13 48	4 34	17 15	3 32	2 53	0 10	23 50	0 28	22 57	0 8	22 26	0 59	0 53	0 42	8 57	0 45	21 48	0 35	20 50	20 36	14 9	13 51	1 46
F 28	18 20	9 43	4 56	17 28	3 30	2 22	0 5	23 49	0 28	22 58	0 8	22 26	0 59	0 54	0 42	8 56	0 45	21 49	0 35	20 48	20 36	14 10	13 51	1 46
S 29	18 4	5 17	5 3	17 41	3 26	1 52	0n 0	23 48	0 29	22 59	0 8	22 26	0 59	0 55	0 42	8 56	0 45	21 49	0 35	20 45	20 35	14 12	13 52	1 46
S 30	17 48	0 43	4 54	17 54	3 20	1 21	0 6	23 47	0 30	22 59	0 8	22 26	0 59	0 56	0 42	8 55	0 45	21 49	0 35	20 43	20 34	14 14	13 52	1 46
M31	17s32	3n47	4n32	18s 6	3n13	0s51	0n11	23s46	0s30	23n 0	0n 8	22n26	0s59	0n57	0s42	8s54	0s45	21n50	0n35	20s41	20s34	14n15	13n52	1s46

Julian Day Number = 2517288.5, Delta T = 144.70 sec
Ecliptic obliquity = 23°24'53, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°15'20, Lahiri = 26°22'21

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2180
geocentric

FEBRUARY 2180 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 43 43	11♒44'50	11♈ 7	23°R41	28♓29	7♑16	11°R58	29°R59	4♈ 3	8♓59	24°R11	2°R37	2♐ 3	0♉56	12♉24	T 1
W 2	8 47 39	12°45'47	23° 2	23♑26	29°32	8° 0	11♋52	29♊56	4° 5	9° 1	24♋10	2♐33	2° 0	1° 3	12°25	W 2
T 3	8 51 36	13°46'43	4♉51	23°D20	0♈35	8°44	11°46	29°53	4° 8	9° 3	24° 9	2°31	1°57	1°10	12°26	T 3
F 4	8 55 32	14°47'38	16°39	23°21	1°37	9°28	11°40	29°50	4°10	9° 5	24° 8	2°D31	1°53	1°16	12°27	F 4
S 5	8 59 29	15°48'31	28°33	23°30	2°39	10°12	11°34	29°48	4°13	9° 7	24° 6	2°R31	1°50	1°23	12°27	S 5
S 6	9 3 26	16°49'23	10♊37	23°46	3°41	10°56	11°29	29°45	4°15	9° 9	24° 5	2°31	1°47	1°30	12°28	S 6
M 7	9 7 22	17°50'14	22°57	24° 8	4°42	11°40	11°24	29°43	4°18	9°12	24° 4	2°29	1°44	1°36	12°29	M 7
T 8	9 11 19	18°51'03	5♋37	24°36	5°42	12°24	11°19	29°40	4°20	9°14	24° 3	2°25	1°41	1°43	12°30	T 8
W 9	9 15 15	19°51'51	18°40	25° 9	6°43	13° 8	11°14	29°38	4°23	9°16	24° 2	2°18	1°37	1°50	12°31	W 9
T 10	9 19 12	20°52'38	2♌ 7	25°47	7°43	13°52	11° 9	29°36	4°26	9°18	24° 1	2° 8	1°34	1°56	12°33	T 10
F 11	9 23 8	21°53'23	15°57	26°29	8°42	14°36	11° 4	29°34	4°28	9°20	24° 0	1°57	1°31	2° 3	12°34	F 11
S 12	9 27 5	22°54'07	0♍ 6	27°16	9°41	15°20	11° 0	29°32	4°31	9°23	23°58	1°45	1°28	2°10	12°35	S 12
S 13	9 31 1	23°54'50	14°29	28° 6	10°39	16° 5	10°56	29°30	4°34	9°25	23°57	1°33	1°25	2°16	12°36	S 13
M14	9 34 58	24°55'32	28°59	29° 0	11°37	16°49	10°52	29°28	4°37	9°27	23°56	1°22	1°22	2°23	12°38	M14
T 15	9 38 55	25°56'12	13♎30	29°56	12°34	17°33	10°48	29°27	4°39	9°29	23°55	1°15	1°18	2°30	12°39	T 15
W16	9 42 51	26°56'51	27°56	0♒56	13°31	18°18	10°44	29°25	4°42	9°31	23°54	1°10	1°15	2°36	12°41	W16
T 17	9 46 48	27°57'29	12♏13	1°58	14°27	19° 2	10°41	29°24	4°45	9°34	23°53	1° 8	1°12	2°43	12°42	T 17
F 18	9 50 44	28°58'07	26°20	3° 3	15°23	19°46	10°37	29°22	4°48	9°36	23°52	1° 7	1° 9	2°50	12°44	F 18
S 19	9 54 41	29°58'43	10♐14	4°10	16°18	20°31	10°34	29°21	4°51	9°38	23°51	1° 7	1° 6	2°56	12°46	S 19
S 20	9 58 37	0♓59'18	23°58	5°19	17°12	21°15	10°31	29°20	4°54	9°40	23°50	1° 6	1° 3	3° 3	12°47	S 20
M21	10 2 34	1°59'52	7♑31	6°30	18° 6	22° 0	10°29	29°19	4°57	9°43	23°49	1° 3	0°59	3°10	12°49	M21
T 22	10 6 30	3° 0'24	20°53	7°43	18°59	22°44	10°26	29°18	5° 0	9°45	23°48	0°57	0°56	3°16	12°51	T 22
W23	10 10 27	4° 0'55	4♒ 5	8°58	19°52	23°29	10°24	29°17	5° 3	9°47	23°47	0°47	0°53	3°23	12°53	W23
T 24	10 14 24	5° 1'25	17° 6	10°14	20°43	24°14	10°21	29°17	5° 6	9°49	23°46	0°35	0°50	3°30	12°55	T 24
F 25	10 18 20	6° 1'53	29°55	11°32	21°34	24°58	10°20	29°16	5° 9	9°52	23°45	0°22	0°47	3°36	12°57	F 25
S 26	10 22 17	7° 2'19	12♓32	12°52	22°24	25°43	10°18	29°16	5°12	9°54	23°44	0° 8	0°43	3°43	12°59	S 26
S 27	10 26 13	8° 2'44	24°55	14°12	23°14	26°28	10°16	29°15	5°15	9°56	23°43	29♏54	0°40	3°50	13° 1	S 27
M28	10 30 10	9° 3'07	7♈ 7	15°34	24° 2	27°12	10°15	29°15	5°18	9°59	23°43	29°43	0°37	3°56	13° 3	M28
T 29	10 34 6	10♓ 3'28	19♈ 8	16♒58	24♈50	27♑57	10♋14	29°D15	5♈22	10♓ 1	23♋42	29♏34	0♐34	4♉ 3	13♉ 5	T 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s15	8n 2	3n58	18s18	3n 5	0s21	0n17	23s44	0s31	23n 1	0n 8	22n27	0s58	0n58	0s42	8s53	0s45	21n50	0n35	20s40	20s33	14n17	13n52	1s45
W 2	16 58	11 56	3 14	18 30	2 56	0n10	0 23	23 42	0 32	23 1	0 8	22 27	0 58	0 59	0 42	8 53	0 45	21 50	0 35	20 39	20 32	14 19	13 52	1 45
T 3	16 40	15 21	2 22	18 41	2 46	0 40	0 29	23 40	0 33	23 2	0 8	22 27	0 58	1 0	0 42	8 52	0 45	21 50	0 35	20 39	20 32	14 20	13 53	1 45
F 4	16 23	18 8	1 23	18 51	2 35	1 10	0 35	23 38	0 33	23 3	0 8	22 27	0 58	1 1	0 42	8 51	0 45	21 51	0 35	20 38	20 31	14 22	13 53	1 45
S 5	16 5	20 10	0 21	19 0	2 24	1 41	0 41	23 35	0 34	23 3	0 9	22 27	0 58	1 2	0 42	8 50	0 45	21 51	0 35	20 39	20 30	14 24	13 53	1 45
S 6	15 47	21 18	0s43	19 8	2 13	2 11	0 47	23 33	0 35	23 4	0 9	22 27	0 57	1 3	0 42	8 49	0 45	21 51	0 35	20 39	20 30	14 25	13 53	1 45
M 7	15 28	21 28	1 46	19 16	2 2	2 41	0 53	23 30	0 35	23 4	0 9	22 28	0 57	1 4	0 42	8 49	0 45	21 51	0 36	20 38	20 29	14 27	13 54	1 45
T 8	15 10	20 32	2 46	19 22	1 50	3 11	1 0	23 26	0 36	23 5	0 9	22 28	0 57	1 5	0 42	8 48	0 45	21 52	0 36	20 37	20 29	14 28	13 54	1 45
W 9	14 51	18 30	3 39	19 28	1 39	3 40	1 6	23 23	0 37	23 5	0 9	22 28	0 57	1 6	0 42	8 47	0 45	21 52	0 36	20 36	20 28	14 30	13 54	1 45
T 10	14 31	15 26	4 21	19 32	1 27	4 10	1 13	23 19	0 38	23 6	0 9	22 28	0 57	1 7	0 42	8 46	0 45	21 52	0 36	20 34	20 27	14 32	13 55	1 45
F 11	14 12	11 26	4 49	19 35	1 16	4 39	1 19	23 15	0 38	23 6	0 9	22 28	0 57	1 8	0 42	8 45	0 45	21 52	0 36	20 32	20 27	14 33	13 55	1 45
S 12	13 52	6 44	5 0	19 37	1 5	5 9	1 26	23 11	0 39	23 7	0 9	22 28	0 56	1 9	0 42	8 44	0 45	21 53	0 36	20 29	20 26	14 35	13 56	1 45
S 13	13 32	1 36	4 53	19 38	0 54	5 38	1 33	23 6	0 40	23 7	0 10	22 29	0 56	1 10	0 42	8 44	0 45	21 53	0 36	20 27	20 25	14 36	13 56	1 45
M14	13 12	3s41	4 27	19 38	0 43	6 7	1 40	23 2	0 40	23 8	0 10	22 29	0 56	1 12	0 42	8 43	0 45	21 53	0 36	20 25	20 25	14 38	13 57	1 45
T 15	12 52	8 45	3 43	19 37	0 33	6 36	1 47	22 57	0 41	23 8	0 10	22 29	0 56	1 13	0 42	8 42	0 45	21 53	0 36	20 23	20 24	14 40	13 57	1 45
W16	12 31	13 18	2 46	19 34	0 22	7 4	1 54	22 51	0 42	23 9	0 10	22 29	0 56	1 14	0 42	8 41	0 45	21 54	0 36	20 22	20 23	14 41	13 57	1 45
T 17	12 10	17 3	1 38	19 30	0 12	7 33	2 1	22 46	0 43	23 9	0 10	22 29	0 55	1 15	0 42	8 40	0 45	21 54	0 36	20 22	20 23	14 43	13 58	1 45
F 18	11 49	19 43	0 25	19 25	0 3	8 1	2 8	22 40	0 43	23 9	0 10	22 30	0 55	1 16	0 42	8 39	0 45	21 54	0 36	20 22	20 22	14 44	13 58	1 45
S 19	11 28	21 10	0n48	19 18	0s 7	8 29	2 15	22 34	0 44	23 10	0 10	22 30	0 55	1 17	0 42	8 39	0 45	21 54	0 36	20 22	20 21	14 46	13 59	1 45
S 20	11 7	21 19	1 58	19 11	0 16	8 57	2 22	22 28	0 45	23 10	0 10	22 30	0 55	1 19	0 42	8 38	0 45	21 55	0 36	20 22	20 21	14 47	13 59	1 45
M21	10 45	20 13	3 0	19 2	0 25	9 24	2 30	22 22	0 45	23 10	0 10	22 30	0 55	1 20	0 42	8 37	0 45	21 55	0 36	20 21	20 20	14 49	14 0	1 45
T 22	10 23	18 0	3 51	18 51	0 33	9 51	2 37	22 15	0 46	23 11	0 10	22 30	0 54	1 21	0 41	8 36	0 45	21 55	0 36	20 20	20 19	14 50	14 1	1 45
W23	10 2	14 52	4 29	18 40	0 42	10 18	2 45	22 9	0 47	23 11	0 11	22 31	0 54	1 22	0 41	8 35	0 45	21 55	0 36	20 18	20 19	14 52	14 1	1 45
T 24	9 40	11 3	4 52	18 27	0 50	10 45	2 53	22 2	0 48	23 11	0 11	22 31	0 54	1 23	0 41	8 34	0 45	21 55	0 36	20 15	20 18	14 54	14 2	1 45
F 25	9 17	6 48	5 0	18 13	0 57	11 11	3 0	21 54	0 48	23 12	0 11	22 31	0 54	1 25	0 41	8 33	0 45	21 56	0 37	20 12	20 18	14 55	14 2	1 45
S 26	8 55	2 20	4 53	17 58	1 4	11 37	3 8	21 47	0 49	23 12	0 11	22 31	0 54	1 26	0 41	8 33	0 45	21 56	0 37	20 9	20 17	14 57	14 3	1 45
S 27	8 33	2n 9	4 32	17 41	1 11	12 3	3 16	21 39	0 50	23 12	0 11	22 31	0 53	1 27	0 41	8 32	0 45	21 56	0 37	20 7	20 16	14 58	14 4	1 45
M28	8 10	6 29	3 59	17 24	1 18	12 28	3 23	21 31	0 50	23 12	0 11	22 31	0 53	1 28	0 41	8 31	0 45	21 56	0 37	20 4	20 16	15 0	14 4	1 45
T 29	7s47	10n30	3n16	17s 4	1s24	12n53	3n31	21s23	0s51	23n12	0n11	22n32	0s53	1n30	0s41	8s30	0s45	21n57	0n37	20s 2	20s15	15n 1	14n 5	1s45

Julian Day Number = 2517319.5, Delta T = 144.77 sec
Ecliptic obliquity = 23°24'53, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°15'25, Lahiri = 26°22'25

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2180
geocentric

MARCH 2180 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 38 3	11♓ 3'48	1♉ 0	18♒23	25♈36	28♋42	10°R13	29♊15	5♈25	10♓ 3	23°R41	29°R28	0♐31	4♉ 9	13♉ 7	W 1
T 2	10 41 59	12° 4'05	12°48	19°48	26°22	29°27	10♋12	29°15	5°28	10° 5	23♋40	29♏24	0°28	4°16	13°10	T 2
F 3	10 45 56	13° 4'21	24°35	21°16	27° 7	0♒12	10°11	29°15	5°31	10° 8	23°39	29°D23	0°24	4°23	13°12	F 3
S 4	10 49 53	14° 4'34	6♊27	22°44	27°50	0°56	10°11	29°16	5°34	10°10	23°39	29°23	0°21	4°29	13°14	S 4
S 5	10 53 49	15° 4'46	18°29	24°13	28°33	1°41	10°D11	29°16	5°38	10°12	23°38	29°R23	0°18	4°36	13°17	S 5
M 6	10 57 46	16° 4'56	0♋47	25°44	29°14	2°26	10°11	29°17	5°41	10°15	23°37	29°22	0°15	4°43	13°19	M 6
T 7	11 1 42	17° 5'03	13°25	27°16	29°55	3°11	10°11	29°18	5°44	10°17	23°36	29°19	0°12	4°49	13°22	T 7
W 8	11 5 39	18° 5'08	26°29	28°48	0♌34	3°56	10°12	29°18	5°48	10°19	23°36	29°14	0° 9	4°56	13°25	W 8
T 9	11 9 35	19° 5'12	10♌ 0	0♓22	1°12	4°41	10°12	29°19	5°51	10°21	23°35	29° 6	0° 5	5° 3	13°27	T 9
F 10	11 13 32	20° 5'13	23°59	1°57	1°48	5°26	10°13	29°20	5°54	10°24	23°34	28°56	0° 2	5° 9	13°30	F 10
S 11	11 17 28	21° 5'12	8♍23	3°34	2°23	6°11	10°14	29°22	5°58	10°26	23°34	28°46	29♏59	5°16	13°33	S 11
S 12	11 21 25	22° 5'09	23° 7	5°11	2°57	6°56	10°15	29°23	6° 1	10°28	23°33	28°35	29°56	5°23	13°35	S 12
M13	11 25 22	23° 5'04	8♎ 1	6°49	3°29	7°41	10°17	29°24	6° 4	10°30	23°33	28°26	29°53	5°29	13°38	M13
T 14	11 29 18	24° 4'58	22°58	8°29	4° 0	8°26	10°18	29°26	6° 8	10°33	23°32	28°19	29°49	5°36	13°41	T 14
W15	11 33 15	25° 4'49	7♏48	10°10	4°29	9°12	10°20	29°27	6°11	10°35	23°32	28°15	29°46	5°43	13°44	W15
T 16	11 37 11	26° 4'39	22°25	11°52	4°57	9°57	10°22	29°29	6°14	10°37	23°31	28°D13	29°43	5°49	13°47	T 16
F 17	11 41 8	27° 4'28	6♐46	13°35	5°23	10°42	10°24	29°31	6°18	10°39	23°31	28°14	29°40	5°56	13°50	F 17
S 18	11 45 4	28° 4'15	20°47	15°19	5°47	11°27	10°26	29°33	6°21	10°41	23°30	28°14	29°37	6° 3	13°53	S 18
S 19	11 49 1	29° 4'00	4♑29	17° 5	6°10	12°12	10°29	29°35	6°25	10°44	23°30	28°R14	29°34	6° 9	13°56	S 19
M20	11 52 57	0♈ 3'43	17°54	18°51	6°30	12°58	10°32	29°37	6°28	10°46	23°29	28°13	29°30	6°16	13°59	M20
T 21	11 56 54	1° 3'25	1♒ 2	20°39	6°49	13°43	10°35	29°39	6°31	10°48	23°29	28° 9	29°27	6°23	14° 2	T 21
W22	12 0 51	2° 3'05	13°56	22°28	7° 5	14°28	10°38	29°41	6°35	10°50	23°28	28° 3	29°24	6°29	14° 5	W22
T 23	12 4 47	3° 2'43	26°38	24°19	7°20	15°13	10°41	29°44	6°38	10°52	23°28	27°54	29°21	6°36	14° 8	T 23
F 24	12 8 44	4° 2'19	9♓ 8	26°11	7°32	15°59	10°44	29°46	6°42	10°54	23°28	27°44	29°18	6°43	14°12	F 24
S 25	12 12 40	5° 1'53	21°28	28° 3	7°42	16°44	10°48	29°49	6°45	10°57	23°28	27°34	29°14	6°49	14°15	S 25
S 26	12 16 37	6° 1'26	3♈38	29°58	7°51	17°29	10°52	29°52	6°49	10°59	23°27	27°24	29°11	6°56	14°18	S 26
M27	12 20 33	7° 0'56	15°39	1♈53	7°56	18°15	10°56	29°55	6°52	11° 1	23°27	27°16	29° 8	7° 3	14°21	M27
T 28	12 24 30	8° 0'24	27°34	3°50	8° 0	19° 0	11° 0	29°58	6°55	11° 3	23°27	27° 9	29° 5	7° 9	14°25	T 28
W29	12 28 26	8°59'51	9♉23	5°48	8°R 1	19°46	11° 4	0♋ 1	6°59	11° 5	23°27	27° 5	29° 2	7°16	14°28	W29
T 30	12 32 23	9°59'15	21° 9	7°46	7°59	20°31	11° 9	0° 4	7° 2	11° 7	23°26	27° 3	28°59	7°23	14°32	T 30
F 31	12 36 19	10♈58'37	2♊57	9♈46	7♉56	21♒16	11♋14	0♋ 7	7♈ 6	11♓ 9	23♋26	27°D 3	28♏55	7♉29	14♉35	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	7s25	14n 4	2n24	16s44	1s30	13n17	3n39	21s15	0s52	23n13	0n11	22n32	0s53	1n31	0s41	8s29	0s45	21n57	0n37	20s 1	20s14	15n 3	14n 6	1s45
T 2	7 2	17 3	1 27	16 22	1 36	13 41	3 47	21 6	0 53	23 13	0 11	22 32	0 53	1 32	0 41	8 28	0 45	21 57	0 37	20 0	20 14	15 4	14 6	1 45
F 3	6 39	19 19	0 25	16 0	1 41	14 5	3 55	20 57	0 53	23 13	0 11	22 32	0 53	1 34	0 41	8 28	0 45	21 57	0 37	20 0	20 13	15 6	14 7	1 45
S 4	6 16	20 45	0s37	15 36	1 46	14 28	4 3	20 48	0 54	23 13	0 11	22 32	0 52	1 35	0 41	8 27	0 45	21 57	0 37	20 0	20 12	15 7	14 8	1 45
S 5	5 52	21 16	1 40	15 10	1 50	14 51	4 11	20 39	0 55	23 13	0 12	22 33	0 52	1 36	0 41	8 26	0 45	21 57	0 37	20 0	20 12	15 9	14 9	1 45
M 6	5 29	20 46	2 39	14 44	1 54	15 14	4 19	20 30	0 55	23 13	0 12	22 33	0 52	1 37	0 41	8 25	0 45	21 58	0 37	20 0	20 11	15 10	14 9	1 45
T 7	5 6	19 14	3 32	14 16	1 58	15 35	4 27	20 20	0 56	23 13	0 12	22 33	0 52	1 39	0 41	8 24	0 45	21 58	0 37	19 59	20 10	15 12	14 10	1 45
W 8	4 42	16 39	4 15	13 47	2 2	15 57	4 35	20 10	0 57	23 13	0 12	22 33	0 52	1 40	0 41	8 23	0 45	21 58	0 37	19 58	20 10	15 13	14 11	1 45
T 9	4 19	13 7	4 46	13 16	2 5	16 18	4 43	20 0	0 57	23 13	0 12	22 33	0 51	1 41	0 41	8 22	0 45	21 58	0 37	19 56	20 9	15 15	14 12	1 45
F 10	3 55	8 46	5 2	12 45	2 7	16 38	4 51	19 50	0 58	23 13	0 12	22 34	0 51	1 43	0 41	8 22	0 45	21 58	0 37	19 54	20 8	15 16	14 12	1 45
S 11	3 32	3 48	4 59	12 12	2 9	16 58	4 59	19 39	0 59	23 13	0 12	22 34	0 51	1 44	0 41	8 21	0 45	21 58	0 37	19 52	20 8	15 18	14 13	1 45
S 12	3 8	1s29	4 36	11 38	2 11	17 17	5 7	19 29	1 0	23 13	0 12	22 34	0 51	1 45	0 41	8 20	0 45	21 59	0 37	19 49	20 7	15 19	14 14	1 45
M13	2 45	6 46	3 54	11 3	2 12	17 36	5 15	19 18	1 0	23 13	0 12	22 34	0 51	1 47	0 41	8 19	0 45	21 59	0 37	19 47	20 6	15 21	14 15	1 45
T 14	2 21	11 39	2 56	10 26	2 13	17 54	5 23	19 7	1 1	23 13	0 12	22 34	0 50	1 48	0 41	8 18	0 45	21 59	0 37	19 46	20 6	15 22	14 16	1 45
W15	1 57	15 47	1 47	9 49	2 14	18 11	5 30	18 56	1 2	23 13	0 12	22 35	0 50	1 49	0 41	8 17	0 45	21 59	0 38	19 45	20 5	15 24	14 17	1 45
T 16	1 33	18 51	0 31	9 10	2 14	18 28	5 38	18 44	1 2	23 13	0 12	22 35	0 50	1 51	0 41	8 17	0 45	21 59	0 38	19 45	20 4	15 25	14 17	1 45
F 17	1 10	20 40	0n46	8 30	2 13	18 44	5 46	18 33	1 3	23 13	0 13	22 35	0 50	1 52	0 41	8 16	0 45	21 59	0 38	19 45	20 3	15 27	14 18	1 45
S 18	0 46	21 8	1 58	7 49	2 12	18 59	5 53	18 21	1 4	23 13	0 13	22 35	0 50	1 53	0 41	8 15	0 45	21 59	0 38	19 45	20 3	15 28	14 19	1 45
S 19	0 22	20 19	3 1	7 7	2 11	19 13	6 1	18 9	1 4	23 13	0 13	22 35	0 50	1 55	0 41	8 14	0 45	22 0	0 38	19 45	20 2	15 29	14 20	1 45
M20	0n 1	18 22	3 54	6 23	2 9	19 27	6 8	17 57	1 5	23 13	0 13	22 36	0 49	1 56	0 41	8 13	0 45	22 0	0 38	19 44	20 1	15 31	14 21	1 45
T 21	0 25	15 28	4 32	5 39	2 7	19 40	6 15	17 45	1 6	23 12	0 13	22 36	0 49	1 58	0 41	8 13	0 45	22 0	0 38	19 44	20 1	15 32	14 22	1 45
W22	0 49	11 53	4 56	4 53	2 4	19 52	6 22	17 32	1 6	23 12	0 13	22 36	0 49	1 59	0 41	8 12	0 45	22 0	0 38	19 42	20 0	15 34	14 23	1 45
T 23	1 13	7 50	5 5	4 7	2 1	20 3	6 29	17 19	1 7	23 12	0 13	22 36	0 49	2 0	0 41	8 11	0 45	22 0	0 38	19 40	19 59	15 35	14 24	1 45
F 24	1 36	3 30	5 0	3 19	1 57	20 14	6 35	17 7	1 8	23 12	0 13	22 36	0 49	2 2	0 41	8 10	0 45	22 0	0 38	19 38	19 59	15 37	14 25	1 45
S 25	2 0	0n54	4 40	2 30	1 53	20 23	6 41	16 54	1 8	23 12	0 13	22 36	0 48	2 3	0 41	8 9	0 45	22 0	0 38	19 36	19 58	15 38	14 26	1 45
S 26	2 23	5 14	4 7	1 40	1 48	20 31	6 47	16 40	1 9	23 11	0 13	22 37	0 48	2 4	0 41	8 9	0 45	22 0	0 38	19 34	19 57	15 40	14 27	1 45
M27	2 47	9 18	3 24	0 49	1 43	20 39	6 53	16 27	1 10	23 11	0 13	22 37	0 48	2 6	0 41	8 8	0 45	22 0	0 38	19 32	19 57	15 41	14 28	1 45
T 28	3 10	12 58	2 32	0n 2	1 37	20 45	6 59	16 14	1 10	23 11	0 13	22 37	0 48	2 7	0 41	8 7	0 45	22 0	0 38	19 30	19 56	15 42	14 29	1 45
W29	3 34	16 5	1 34	0 55	1 31	20 50	7 4	16 0	1 11	23 11	0 13	22 37	0 48	2 8	0 41	8 6	0 45	22 1	0 38	19 29	19 55	15 44	14 29	1 45
T 30	3 57	18 33	0 32	1 48	1 24	20 54	7 8	15 46	1 12	23 10	0 14	22 37	0 48	2 10	0 41	8 5	0 45	22 1	0 38	19 29	19 55	15 45	14 30	1 45
F 31	4n20	20n12	0s32	2n42	1s16	20n57	7n12	15s32	1s12	23n10	0n14	22n38	0s47	2n11	0s41	8s 5	0s46	22n 1	0n38	19s29	19s54	15n47	14n31	1s45

Julian Day Number = 2517348.5, Delta T = 144.84 sec
Ecliptic obliquity = 23°24'53, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°15'29, Lahiri = 26°22'29

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2180
geocentric

APRIL 2180 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 40 16	11♈57'56	14♊49	11♈47	7°R49	22♒ 2	11♋18	0♋10	7♈ 9	11♓11	23°R26	27♏ 5	28♏52	7♉36	14♉39	S 1
S 2	12 44 13	12°57'14	26°50	13°49	7♉41	22°47	11°24	0°14	7°12	11°13	23♋26	27° 6	28°49	7°42	14°42	S 2
M 3	12 48 9	13°56'29	9♋ 6	15°52	7°29	23°33	11°29	0°17	7°16	11°15	23°26	27°R 7	28°46	7°49	14°46	M 3
T 4	12 52 6	14°55'42	21°41	17°55	7°16	24°18	11°34	0°21	7°19	11°17	23°26	27° 7	28°43	7°56	14°49	T 4
W 5	12 56 2	15°54'52	4♌41	19°59	6°59	25° 4	11°40	0°25	7°23	11°19	23°D26	27° 5	28°40	8° 2	14°53	W 5
T 6	12 59 59	16°54'00	18° 7	22° 3	6°41	25°49	11°45	0°29	7°26	11°21	23°26	27° 2	28°36	8° 9	14°56	T 6
F 7	13 3 55	17°53'06	2♍ 3	24° 7	6°20	26°35	11°51	0°33	7°29	11°23	23°26	26°57	28°33	8°16	15° 0	F 7
S 8	13 7 52	18°52'10	16°26	26°11	5°56	27°20	11°57	0°37	7°33	11°25	23°26	26°51	28°30	8°22	15° 4	S 8
S 9	13 11 48	19°51'11	1♎13	28°14	5°31	28° 6	12° 3	0°41	7°36	11°27	23°26	26°46	28°27	8°29	15° 7	S 9
M10	13 15 45	20°50'10	16°17	0♏17	5° 3	28°51	12° 9	0°45	7°40	11°29	23°26	26°41	28°24	8°36	15°11	M10
T 11	13 19 42	21°49'08	1♏29	2°18	4°34	29°37	12°16	0°49	7°43	11°30	23°26	26°37	28°20	8°42	15°15	T 11
W12	13 23 38	22°48'03	16°38	4°18	4° 3	0♓22	12°22	0°53	7°46	11°32	23°26	26°35	28°17	8°49	15°19	W12
T 13	13 27 35	23°46'56	1♐35	6°16	3°30	1° 8	12°29	0°58	7°50	11°34	23°27	26°D35	28°14	8°56	15°22	T 13
F 14	13 31 31	24°45'48	16°14	8°11	2°56	1°53	12°36	1° 2	7°53	11°36	23°27	26°36	28°11	9° 2	15°26	F 14
S 15	13 35 28	25°44'38	0♑30	10° 4	2°20	2°39	12°43	1° 7	7°56	11°38	23°27	26°37	28° 8	9° 9	15°30	S 15
S 16	13 39 24	26°43'26	14°22	11°54	1°44	3°24	12°50	1°12	8° 0	11°39	23°27	26°39	28° 5	9°16	15°34	S 16
M17	13 43 21	27°42'13	27°50	13°41	1° 7	4°10	12°58	1°17	8° 3	11°41	23°28	26°R39	28° 1	9°22	15°38	M17
T 18	13 47 17	28°40'58	10♒56	15°24	0°29	4°55	13° 5	1°21	8° 6	11°43	23°28	26°39	27°58	9°29	15°41	T 18
W19	13 51 14	29°39'41	23°43	17° 4	29♈51	5°41	13°13	1°26	8° 9	11°45	23°28	26°37	27°55	9°36	15°45	W19
T 20	13 55 11	0♉38'22	6♓14	18°39	29°14	6°26	13°20	1°31	8°13	11°46	23°29	26°34	27°52	9°42	15°49	T 20
F 21	13 59 7	1°37'02	18°31	20°10	28°36	7°12	13°28	1°36	8°16	11°48	23°29	26°30	27°49	9°49	15°53	F 21
S 22	14 3 4	2°35'40	0♈38	21°37	27°59	7°58	13°36	1°42	8°19	11°49	23°29	26°26	27°45	9°56	15°57	S 22
S 23	14 7 0	3°34'16	12°37	22°59	27°23	8°43	13°44	1°47	8°22	11°51	23°30	26°22	27°42	10° 2	16° 1	S 23
M24	14 10 57	4°32'51	24°30	24°16	26°48	9°29	13°52	1°52	8°25	11°53	23°30	26°19	27°39	10° 9	16° 5	M24
T 25	14 14 53	5°31'23	6♉19	25°29	26°13	10°14	14° 1	1°58	8°29	11°54	23°31	26°16	27°36	10°15	16° 9	T 25
W26	14 18 50	6°29'54	18° 6	26°36	25°41	11° 0	14° 9	2° 3	8°32	11°56	23°31	26°15	27°33	10°22	16°13	W26
T 27	14 22 46	7°28'23	29°54	27°38	25°10	11°45	14°18	2° 9	8°35	11°57	23°32	26°D15	27°30	10°29	16°17	T 27
F 28	14 26 43	8°26'50	11♊45	28°35	24°40	12°31	14°27	2°14	8°38	11°59	23°32	26°16	27°26	10°35	16°21	F 28
S 29	14 30 39	9°25'14	23°41	29°27	24°13	13°16	14°35	2°20	8°41	12° 0	23°33	26°17	27°23	10°42	16°25	S 29
S 30	14 34 36	10♉23'37	5♋47	0♊13	23♈47	14♓ 2	14♋44	2♋26	8♈44	12♓ 1	23♋33	26♏18	27♏20	10♉49	16♉29	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n44	20n59	1s35	3n36	1s 8	20n58	7n16	15s18	1s13	23n10	0n14	22n38	0s47	2n12	0s41	8s 4	0s46	22n 1	0n38	19s29	19s53	15n48	14n32	1s45
S 2	5 7	20 48	2 35	4 31	1 0	20 58	7 20	15 4	1 14	23 9	0 14	22 38	0 47	2 14	0 41	8 3	0 46	22 1	0 38	19 29	19 53	15 49	14 33	1 45
M 3	5 30	19 38	3 28	5 27	0 51	20 57	7 22	14 50	1 14	23 9	0 14	22 38	0 47	2 15	0 41	8 2	0 46	22 1	0 38	19 30	19 52	15 51	14 34	1 45
T 4	5 53	17 30	4 14	6 23	0 42	20 55	7 24	14 35	1 15	23 9	0 14	22 38	0 47	2 16	0 41	8 2	0 46	22 1	0 39	19 30	19 51	15 52	14 35	1 45
W 5	6 15	14 25	4 48	7 19	0 32	20 51	7 26	14 21	1 16	23 8	0 14	22 38	0 47	2 18	0 41	8 1	0 46	22 1	0 39	19 29	19 50	15 54	14 36	1 45
T 6	6 38	10 30	5 7	8 14	0 22	20 45	7 27	14 6	1 16	23 8	0 14	22 38	0 46	2 19	0 41	8 0	0 46	22 1	0 39	19 28	19 50	15 55	14 38	1 45
F 7	7 1	5 55	5 10	9 10	0 12	20 38	7 27	13 51	1 17	23 7	0 14	22 39	0 46	2 20	0 41	8 0	0 46	22 1	0 39	19 27	19 49	15 56	14 39	1 45
S 8	7 23	0 51	4 53	10 5	0 1	20 30	7 27	13 36	1 18	23 7	0 14	22 39	0 46	2 22	0 41	7 59	0 46	22 1	0 39	19 26	19 48	15 58	14 40	1 45
S 9	7 45	4s25	4 17	11 0	0n10	20 20	7 26	13 21	1 18	23 6	0 14	22 39	0 46	2 23	0 41	7 58	0 46	22 1	0 39	19 25	19 48	15 59	14 41	1 45
M10	8 8	9 31	3 22	11 54	0 21	20 9	7 24	13 6	1 19	23 6	0 14	22 39	0 46	2 24	0 41	7 57	0 46	22 1	0 39	19 24	19 47	16 0	14 42	1 45
T 11	8 30	14 3	2 13	12 46	0 33	19 56	7 21	12 50	1 19	23 5	0 14	22 39	0 45	2 26	0 41	7 57	0 46	22 1	0 39	19 23	19 46	16 2	14 43	1 45
W12	8 52	17 39	0 54	13 38	0 44	19 42	7 18	12 35	1 20	23 5	0 14	22 39	0 45	2 27	0 41	7 56	0 46	22 1	0 39	19 22	19 45	16 3	14 44	1 45
T 13	9 13	20 1	0n27	14 28	0 55	19 27	7 13	12 19	1 21	23 4	0 14	22 39	0 45	2 28	0 41	7 55	0 46	22 1	0 39	19 22	19 45	16 4	14 45	1 45
F 14	9 35	20 57	1 46	15 16	1 6	19 10	7 8	12 3	1 21	23 4	0 15	22 40	0 45	2 30	0 41	7 55	0 46	22 1	0 39	19 22	19 44	16 6	14 46	1 45
S 15	9 56	20 30	2 55	16 3	1 17	18 52	7 2	11 48	1 22	23 3	0 15	22 40	0 45	2 31	0 41	7 54	0 46	22 1	0 39	19 23	19 43	16 7	14 47	1 46
S 16	10 18	18 47	3 53	16 47	1 28	18 33	6 55	11 32	1 22	23 2	0 15	22 40	0 45	2 32	0 41	7 54	0 46	22 1	0 39	19 23	19 43	16 9	14 48	1 46
M17	10 39	16 4	4 35	17 29	1 38	18 12	6 48	11 16	1 23	23 2	0 15	22 40	0 45	2 34	0 41	7 53	0 46	22 1	0 39	19 23	19 42	16 10	14 49	1 46
T 18	11 0	12 37	5 2	18 9	1 48	17 51	6 39	10 59	1 23	23 1	0 15	22 40	0 44	2 35	0 41	7 52	0 46	22 1	0 39	19 23	19 41	16 11	14 50	1 46
W19	11 20	8 40	5 14	18 47	1 57	17 29	6 30	10 43	1 24	23 0	0 15	22 40	0 44	2 36	0 41	7 52	0 46	22 1	0 39	19 23	19 41	16 13	14 51	1 46
T 20	11 41	4 25	5 10	19 22	2 6	17 6	6 20	10 27	1 25	23 0	0 15	22 40	0 44	2 37	0 41	7 51	0 46	22 1	0 39	19 22	19 40	16 14	14 52	1 46
F 21	12 1	0 4	4 51	19 55	2 13	16 43	6 10	10 11	1 25	22 59	0 15	22 40	0 44	2 39	0 41	7 50	0 46	22 1	0 39	19 21	19 39	16 15	14 53	1 46
S 22	12 22	4n14	4 20	20 25	2 21	16 19	5 58	9 54	1 26	22 58	0 15	22 40	0 44	2 40	0 41	7 50	0 46	22 1	0 39	19 20	19 38	16 16	14 54	1 46
S 23	12 42	8 19	3 38	20 52	2 27	15 55	5 47	9 37	1 26	22 57	0 15	22 41	0 44	2 41	0 41	7 49	0 46	22 1	0 39	19 19	19 38	16 18	14 55	1 46
M24	13 1	12 4	2 46	21 17	2 33	15 30	5 34	9 21	1 27	22 57	0 15	22 41	0 43	2 42	0 41	7 49	0 46	22 1	0 39	19 18	19 37	16 19	14 56	1 46
T 25	13 21	15 19	1 48	21 39	2 37	15 6	5 21	9 4	1 27	22 56	0 15	22 41	0 43	2 44	0 41	7 48	0 46	22 1	0 40	19 18	19 36	16 20	14 58	1 46
W26	13 40	17 55	0 45	21 59	2 41	14 42	5 8	8 47	1 28	22 55	0 15	22 41	0 43	2 45	0 41	7 48	0 46	22 1	0 40	19 18	19 36	16 22	14 59	1 46
T 27	13 59	19 47	0s20	22 16	2 43	14 18	4 55	8 30	1 28	22 54	0 15	22 41	0 43	2 46	0 41	7 47	0 46	22 1	0 40	19 18	19 35	16 23	15 0	1 46
F 28	14 18	20 46	1 25	22 30	2 45	13 54	4 41	8 14	1 29	22 53	0 15	22 41	0 43	2 47	0 41	7 47	0 46	22 1	0 40	19 18	19 34	16 24	15 1	1 46
S 29	14 37	20 50	2 26	22 42	2 46	13 31	4 27	7 57	1 29	22 52	0 16	22 41	0 43	2 48	0 41	7 46	0 46	22 1	0 40	19 18	19 33	16 26	15 2	1 46
S 30	14n55	19n56	3s22	22n52	2n45	13n 8	4n12	7s40	1s30	22n52	0n16	22n41	0s43	2n50	0s41	7s45	0s46	22n 1	0n40	19s18	19s33	16n27	15n 3	1s46

Julian Day Number = 2517379.5, Delta T = 144.91 sec
Ecliptic obliquity = 23°24'53, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°15'33, Lahiri = 26°22'33

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2180
geocentric

MAY 2180 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 38 33	11♉21'58	18♋ 6	0♊54	23°R24	14♓47	14♋53	2♋31	8♈47	12♓ 3	23♋34	26♏19	27♏17	10♉55	16♉33	M 1
T 2	14 42 29	12°20'17	0♌41	1°30	23♈ 3	15°33	15° 3	2°37	8°50	12° 4	23°35	26°20	27°14	11° 2	16°37	T 2
W 3	14 46 26	13°18'34	13°37	1°59	22°44	16°18	15°12	2°43	8°53	12° 5	23°35	26°R21	27°11	11° 9	16°41	W 3
T 4	14 50 22	14°16'48	26°57	2°24	22°27	17° 4	15°21	2°49	8°56	12° 7	23°36	26°20	27° 7	11°15	16°45	T 4
F 5	14 54 19	15°15'01	10♍43	2°43	22°13	17°49	15°31	2°55	8°59	12° 8	23°37	26°20	27° 4	11°22	16°49	F 5
S 6	14 58 15	16°13'12	24°56	2°56	22° 1	18°34	15°40	3° 2	9° 2	12° 9	23°37	26°18	27° 1	11°29	16°53	S 6
S 7	15 2 12	17°11'20	9♎33	3° 5	21°52	19°20	15°50	3° 8	9° 5	12°11	23°38	26°17	26°58	11°35	16°57	S 7
M 8	15 6 8	18° 9'27	24°30	3°R 7	21°45	20° 5	16° 0	3°14	9° 7	12°12	23°39	26°16	26°55	11°42	17° 1	M 8
T 9	15 10 5	19° 7'32	9♏39	3° 5	21°41	20°51	16°10	3°20	9°10	12°13	23°40	26°16	26°51	11°49	17° 5	T 9
W10	15 14 2	20° 5'35	24°52	2°58	21°D39	21°36	16°20	3°27	9°13	12°14	23°40	26°D16	26°48	11°55	17° 9	W10
T 11	15 17 58	21° 3'37	9♐58	2°46	21°39	22°21	16°30	3°33	9°16	12°15	23°41	26°16	26°45	12° 2	17°13	T 11
F 12	15 21 55	22° 1'37	24°49	2°29	21°42	23° 7	16°40	3°40	9°19	12°16	23°42	26°16	26°42	12° 9	17°17	F 12
S 13	15 25 51	22°59'36	9♑19	2° 9	21°47	23°52	16°50	3°46	9°21	12°17	23°43	26°16	26°39	12°15	17°21	S 13
S 14	15 29 48	23°57'34	23°23	1°44	21°54	24°37	17° 1	3°53	9°24	12°18	23°44	26°17	26°36	12°22	17°25	S 14
M15	15 33 44	24°55'30	7♒ 0	1°17	22° 3	25°22	17°11	3°59	9°27	12°19	23°45	26°17	26°32	12°29	17°29	M15
T 16	15 37 41	25°53'25	20°12	0°47	22°15	26° 8	17°22	4° 6	9°29	12°20	23°46	26°17	26°29	12°35	17°33	T 16
W17	15 41 38	26°51'19	3♓ 0	0°15	22°29	26°53	17°33	4°13	9°32	12°21	23°47	26°17	26°26	12°42	17°37	W17
T 18	15 45 34	27°49'11	15°28	29♉41	22°44	27°38	17°43	4°19	9°34	12°22	23°48	26°17	26°23	12°48	17°41	T 18
F 19	15 49 31	28°47'02	27°40	29° 6	23° 2	28°23	17°54	4°26	9°37	12°23	23°49	26°17	26°20	12°55	17°45	F 19
S 20	15 53 27	29°44'52	9♈40	28°31	23°21	29° 8	18° 5	4°33	9°39	12°24	23°50	26°17	26°17	13° 2	17°49	S 20
S 21	15 57 24	0♊42'41	21°33	27°56	23°43	29°54	18°16	4°40	9°42	12°24	23°51	26°18	26°13	13° 8	17°53	S 21
M22	16 1 20	1°40'29	3♉21	27°22	24° 6	0♈39	18°27	4°47	9°44	12°25	23°52	26°18	26°10	13°15	17°56	M22
T 23	16 5 17	2°38'15	15° 8	26°49	24°30	1°24	18°38	4°54	9°47	12°26	23°53	26°19	26° 7	13°22	18° 0	T 23
W24	16 9 13	3°36'00	26°56	26°18	24°57	2° 9	18°49	5° 1	9°49	12°27	23°54	26°R19	26° 4	13°28	18° 4	W24
T 25	16 13 10	4°33'44	8♊48	25°50	25°25	2°54	19° 1	5° 8	9°51	12°27	23°55	26°19	26° 1	13°35	18° 8	T 25
F 26	16 17 6	5°31'27	20°46	25°25	25°54	3°39	19°12	5°15	9°54	12°28	23°56	26°18	25°57	13°42	18°12	F 26
S 27	16 21 3	6°29'08	2♋53	25° 3	26°25	4°23	19°24	5°22	9°56	12°29	23°57	26°17	25°54	13°48	18°16	S 27
S 28	16 25 0	7°26'48	15° 9	24°45	26°57	5° 8	19°35	5°30	9°58	12°29	23°58	26°15	25°51	13°55	18°20	S 28
M29	16 28 56	8°24'27	27°38	24°30	27°31	5°53	19°47	5°37	10° 0	12°30	23°59	26°14	25°48	14° 2	18°24	M29
T 30	16 32 53	9°22'04	10♌21	24°20	28° 6	6°38	19°58	5°44	10° 2	12°30	24° 1	26°12	25°45	14° 8	18°27	T 30
W31	16 36 49	10♊19'39	23♌20	24♉14	28♈42	7♈23	20♋10	5♋51	10♈ 4	12♓31	24♋ 2	26♏11	25♏42	14♉15	18♉31	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
M 1	15n14	18n 4	4s 9	22n59	2n43	12n46	3n58	7s22	1s30	22n51	0n16	22n41	0s42	2n51	0s41	7s45	0s46	22n 1	0n40	19s19	19s32	16n28	15n 4	1s46	
T 2	15 31	15 19	4 46	23 4	2 41	12 25	3 44	7 5	1 31	22 50	0 16	22 41	0 42	2 52	0 41	7 45	0 46	22 1	0 40	19 19	19 31	16 29	15 5	1 46	
W 3	15 49	11 46	5 10	23 6	2 37	12 4	3 29	6 48	1 31	22 49	0 16	22 41	0 42	2 53	0 41	7 44	0 46	22 1	0 40	19 19	19 30	16 31	15 6	1 47	
T 4	16 6	7 32	5 17	23 6	2 32	11 45	3 15	6 31	1 32	22 48	0 16	22 41	0 42	2 54	0 41	7 44	0 46	22 1	0 40	19 19	19 30	16 32	15 7	1 47	
F 5	16 24	2 48	5 7	23 3	2 25	11 26	3 1	6 14	1 32	22 47	0 16	22 41	0 42	2 55	0 41	7 43	0 46	22 1	0 40	19 19	19 29	16 33	15 8	1 47	
S 6	16 40	2s15	4 39	22 59	2 18	11 9	2 46	5 56	1 33	22 46	0 16	22 41	0 42	2 57	0 41	7 43	0 47	22 1	0 40	19 18	19 28	16 34	15 9	1 47	
S 7	16 57	7 20	3 51	22 52	2 9	10 52	2 32	5 39	1 33	22 44	0 16	22 41	0 42	2 58	0 41	7 42	0 47	22 0	0 40	19 18	19 28	16 36	15 10	1 47	
M 8	17 13	12 5	2 48	22 42	1 59	10 37	2 19	5 21	1 34	22 43	0 16	22 41	0 41	2 59	0 41	7 42	0 47	22 0	0 40	19 18	19 27	16 37	15 11	1 47	
T 9	17 29	16 8	1 31	22 31	1 48	10 23	2 5	5 4	1 34	22 42	0 16	22 41	0 41	3 0	0 41	7 41	0 47	22 0	0 40	19 18	19 26	16 38	15 12	1 47	
W10	17 45	19 5	0 8	22 18	1 36	10 9	1 52	4 46	1 34	22 41	0 16	22 41	0 41	3 1	0 41	7 41	0 47	22 0	0 40	19 18	19 25	16 39	15 13	1 47	
T 11	18 0	20 41	1n15	22 3	1 23	9 57	1 39	4 29	1 35	22 40	0 16	22 41	0 41	3 2	0 41	7 41	0 47	22 0	0 40	19 18	19 25	16 41	15 14	1 47	
F 12	18 15	20 47	2 32	21 45	1 9	9 47	1 26	4 11	1 35	22 39	0 16	22 41	0 41	3 3	0 41	7 40	0 47	22 0	0 40	19 18	19 24	16 42	15 15	1 47	
S 13	18 30	19 28	3 37	21 27	0 53	9 37	1 13	3 54	1 36	22 38	0 16	22 41	0 41	3 4	0 41	7 40	0 47	22 0	0 40	19 18	19 23	16 43	15 17	1 47	
S 14	18 45	17 0	4 27	21 6	0 38	9 28	1 1	3 36	1 36	22 36	0 16	22 41	0 41	3 5	0 41	7 40	0 47	22 0	0 40	19 18	19 22	16 44	15 18	1 47	
M15	18 59	13 39	5 0	20 45	0 21	9 21	0 49	3 19	1 36	22 35	0 17	22 41	0 40	3 6	0 41	7 39	0 47	22 0	0 40	19 18	19 22	16 46	15 19	1 48	
T 16	19 13	9 44	5 16	20 22	0 4	9 14	0 38	3 1	1 37	22 34	0 17	22 41	0 40	3 7	0 42	7 39	0 47	22 0	0 41	19 18	19 21	16 47	15 20	1 48	
W17	19 26	5 29	5 16	19 58	0s13	9 9	0 27	2 43	1 37	22 32	0 17	22 41	0 40	3 8	0 42	7 39	0 47	21 59	0 41	19 18	19 20	16 48	15 21	1 48	
T 18	19 39	1 6	5 0	19 34	0 31	9 5	0 16	2 26	1 37	22 31	0 17	22 41	0 40	3 9	0 42	7 38	0 47	21 59	0 41	19 18	19 19	16 49	15 22	1 48	
F 19	19 52	3n14	4 32	19 9	0 48	9 1	0 5	2 8	1 38	22 30	0 17	22 40	0 40	3 10	0 42	7 38	0 47	21 59	0 41	19 18	19 19	16 50	15 23	1 48	
S 20	20 5	7 22	3 51	18 44	1 6	8 59	0s 5	1 51	1 38	22 28	0 17	22 40	0 40	3 11	0 42	7 38	0 47	21 59	0 41	19 18	19 18	16 52	15 24	1 48	
S 21	20 17	11 12	3 2	18 20	1 23	8 58	0 15	1 33	1 38	22 27	0 17	22 40	0 40	3 12	0 42	7 37	0 47	21 59	0 41	19 18	19 17	16 53	15 25	1 48	
M22	20 28	14 34	2 4	17 56	1 40	8 57	0 24	1 15	1 39	22 25	0 17	22 40	0 40	3 13	0 42	7 37	0 47	21 59	0 41	19 18	19 16	16 54	15 26	1 48	
T 23	20 40	17 20	1 2	17 33	1 56	8 58	0 34	0 58	1 39	22 24	0 17	22 40	0 39	3 14	0 42	7 37	0 47	21 59	0 41	19 18	19 16	16 55	15 27	1 48	
W24	20 51	19 24	0s 3	17 11	2 11	8 59	0 43	0 40	1 39	22 23	0 17	22 40	0 39	3 15	0 42	7 37	0 47	21 59	0 41	19 19	19 15	16 56	15 28	1 48	
T 25	21 2	20 37	1 9	16 50	2 26	9 1	0 51	0 23	1 40	22 21	0 17	22 40	0 39	3 16	0 42	7 36	0 47	21 58	0 41	19 18	19 14	16 58	15 29	1 49	
F 26	21 12	20 54	2 12	16 31	2 40	9 4	0 59	0 5	1 40	22 19	0 17	22 39	0 39	3 16	0 42	7 36	0 47	21 58	0 41	19 18	19 13	16 59	15 29	1 49	
S 27	21 22	20 14	3 9	16 13	2 52	9 8	1 7	0n13	1 40	22 18	0 17	22 39	0 39	3 17	0 42	7 36	0 47	21 58	0 41	19 18	19 13	17 0	15 30	1 49	
S 28	21 32	18 36	3 59	15 57	3 4	9 13	1 15	0 30	1 40	22 16	0 17	22 39	0 39	3 18	0 42	7 36	0 47	21 58	0 41	19 18	19 12	17 1	15 31	1 49	
M29	21 41	16 4	4 38	15 44	3 15	9 18	1 22	0 48	1 41	22 15	0 17	22 39	0 39	3 19	0 42	7 36	0 47	21 58	0 41	19 17	19 11	17 2	15 32	1 49	
T 30	21 50	12 44	5 5	15 32	3 24	9 24	1 29	1 5	1 41	22 13	0 17	22 39	0 39	3 20	0 42	7 35	0 47	21 58	0 41	19 17	19 10	17 3	15 33	1 49	
W31	21n58	8n44	5s16	15n23	3s32	9n30	1s36	1n23	1s41	22n11	0n18	22n39	0s39	3n21	0s42	7s35	0s47	21n57	0n41	19s17	19s10	17n 5	15n34	1s49	

Julian Day Number = 2517409.5, Delta T = 144.98 sec
Ecliptic obliquity = 23°24'52, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°15'37, Lahiri = 26°22'37

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2180
geocentric

JUNE 2180 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 40 46	11♊17'14	6♍39	24°D12	29♈19	8♈ 7	20♋22	5♋59	10♈ 6	12♓31	24♋ 3	26°D11	25♏38	14♉22	18♉35	T 1
F 2	16 44 42	12°14'46	20°18	24♉15	29°57	8°52	20°34	6° 6	10° 8	12°32	24° 4	26♏11	25°35	14°28	18°39	F 2
S 3	16 48 39	13°12'18	4♎19	24°22	0♉37	9°37	20°46	6°13	10°10	12°32	24° 6	26°11	25°32	14°35	18°43	S 3
S 4	16 52 35	14° 9'48	18°40	24°34	1°17	10°21	20°58	6°21	10°12	12°32	24° 7	26°13	25°29	14°41	18°46	S 4
M 5	16 56 32	15° 7'17	3♏19	24°50	1°59	11° 6	21°10	6°28	10°14	12°33	24° 8	26°14	25°26	14°48	18°50	M 5
T 6	17 0 29	16° 4'45	18°12	25°11	2°42	11°50	21°22	6°36	10°16	12°33	24° 9	26°14	25°23	14°55	18°54	T 6
W 7	17 4 25	17° 2'11	3♐12	25°36	3°25	12°34	21°34	6°43	10°18	12°33	24°11	26°R15	25°19	15° 1	18°57	W 7
T 8	17 8 22	17°59'37	18°11	26° 5	4°10	13°19	21°46	6°51	10°20	12°33	24°12	26°14	25°16	15° 8	19° 1	T 8
F 9	17 12 18	18°57'02	3♑ 1	26°38	4°55	14° 3	21°58	6°58	10°21	12°34	24°13	26°11	25°13	15°15	19° 5	F 9
S 10	17 16 15	19°54'26	17°34	27°16	5°41	14°47	22°11	7° 6	10°23	12°34	24°15	26° 9	25°10	15°21	19° 8	S 10
S 11	17 20 11	20°51'49	1♒44	27°57	6°28	15°32	22°23	7°13	10°25	12°34	24°16	26° 5	25° 7	15°28	19°12	S 11
M12	17 24 8	21°49'11	15°28	28°43	7°16	16°16	22°35	7°21	10°26	12°34	24°17	26° 2	25° 3	15°35	19°15	M12
T 13	17 28 5	22°46'33	28°45	29°32	8° 4	17° 0	22°48	7°29	10°28	12°34	24°19	25°59	25° 0	15°41	19°19	T 13
W14	17 32 1	23°43'55	11♓37	0♊26	8°54	17°44	23° 0	7°36	10°29	12°R34	24°20	25°57	24°57	15°48	19°22	W14
T 15	17 35 58	24°41'16	24° 7	1°23	9°44	18°28	23°13	7°44	10°31	12°34	24°22	25°D57	24°54	15°55	19°26	T 15
F 16	17 39 54	25°38'36	6♈19	2°23	10°34	19°12	23°25	7°52	10°32	12°34	24°23	25°57	24°51	16° 1	19°29	F 16
S 17	17 43 51	26°35'56	18°18	3°27	11°26	19°56	23°38	7°59	10°34	12°34	24°24	25°58	24°48	16° 8	19°33	S 17
S 18	17 47 47	27°33'16	0♉ 9	4°35	12°17	20°40	23°51	8° 7	10°35	12°34	24°26	26° 0	24°44	16°15	19°36	S 18
M19	17 51 44	28°30'35	11°56	5°46	13°10	21°23	24° 3	8°15	10°36	12°34	24°27	26° 2	24°41	16°21	19°39	M19
T 20	17 55 40	29°27'54	23°44	7° 0	14° 3	22° 7	24°16	8°23	10°37	12°33	24°29	26°R 3	24°38	16°28	19°43	T 20
W21	17 59 37	0♋25'13	5♊36	8°18	14°57	22°51	24°29	8°30	10°39	12°33	24°30	26° 2	24°35	16°34	19°46	W21
T 22	18 3 34	1°22'31	17°35	9°39	15°51	23°34	24°42	8°38	10°40	12°33	24°32	26° 0	24°32	16°41	19°49	T 22
F 23	18 7 30	2°19'49	29°44	11° 3	16°46	24°18	24°55	8°46	10°41	12°33	24°33	25°56	24°29	16°48	19°52	F 23
S 24	18 11 27	3°17'06	12♋ 4	12°31	17°41	25° 1	25° 7	8°54	10°42	12°32	24°35	25°51	24°25	16°54	19°56	S 24
S 25	18 15 23	4°14'23	24°37	14° 1	18°36	25°44	25°20	9° 1	10°43	12°32	24°36	25°45	24°22	17° 1	19°59	S 25
M26	18 19 20	5°11'40	7♌23	15°35	19°32	26°28	25°33	9° 9	10°44	12°32	24°38	25°38	24°19	17° 8	20° 2	M26
T 27	18 23 16	6° 8'56	20°22	17°12	20°29	27°11	25°46	9°17	10°45	12°31	24°39	25°32	24°16	17°14	20° 5	T 27
W28	18 27 13	7° 6'11	3♍34	18°53	21°26	27°54	25°59	9°25	10°46	12°31	24°41	25°27	24°13	17°21	20° 8	W28
T 29	18 31 9	8° 3'26	17° 0	20°36	22°23	28°37	26°12	9°33	10°46	12°30	24°42	25°23	24° 9	17°28	20°11	T 29
F 30	18 35 6	9♋ 0'40	0♎40	22♊22	23♉21	29♈20	26♋25	9♋41	10♈47	12♓30	24♋44	25♏21	24♏ 6	17♉34	20♉14	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	22n 7	4n14	5s11	15n16	3s39	9n37	1s42	1n40	1s41	22n10	0n18	22n38	0s38	3n21	0s42	7s35	0s47	21n57	0n41	19s17	19s 9	17n 6	15n35	1s49	T 1
F 2	22 14	0s36	4 49	15 11	3 45	9 45	1 49	1 57	1 42	22 8	0 18	22 38	0 38	3 22	0 42	7 35	0 47	21 57	0 41	19 17	19 8	17 7	15 36	1 49	F 2
S 3	22 22	5 32	4 9	15 8	3 50	9 53	1 54	2 15	1 42	22 6	0 18	22 38	0 38	3 23	0 42	7 35	0 48	21 57	0 41	19 17	19 7	17 8	15 37	1 50	S 3
S 4	22 29	10 17	3 13	15 7	3 53	10 2	2 0	2 32	1 42	22 5	0 18	22 38	0 38	3 24	0 42	7 35	0 48	21 57	0 41	19 17	19 7	17 9	15 38	1 50	S 4
M 5	22 35	14 32	2 3	15 8	3 56	10 11	2 5	2 49	1 42	22 3	0 18	22 37	0 38	3 24	0 42	7 35	0 48	21 57	0 42	19 17	19 6	17 10	15 39	1 50	M 5
T 6	22 41	17 56	0 44	15 12	3 57	10 21	2 11	3 6	1 42	22 1	0 18	22 37	0 38	3 25	0 42	7 35	0 48	21 56	0 42	19 17	19 5	17 11	15 40	1 50	T 6
W 7	22 47	20 9	0n38	15 17	3 58	10 31	2 15	3 23	1 42	21 59	0 18	22 37	0 38	3 26	0 42	7 35	0 48	21 56	0 42	19 17	19 4	17 12	15 40	1 50	W 7
T 8	22 52	20 56	1 58	15 24	3 57	10 42	2 20	3 40	1 43	21 57	0 18	22 37	0 38	3 26	0 42	7 35	0 48	21 56	0 42	19 17	19 4	17 14	15 41	1 50	T 8
F 9	22 57	20 14	3 9	15 33	3 56	10 53	2 24	3 57	1 43	21 55	0 18	22 36	0 38	3 27	0 42	7 35	0 48	21 56	0 42	19 17	19 3	17 15	15 42	1 50	F 9
S 10	23 2	18 11	4 6	15 44	3 54	11 4	2 28	4 14	1 43	21 53	0 18	22 36	0 37	3 28	0 42	7 34	0 48	21 56	0 42	19 16	19 2	17 16	15 43	1 50	S 10
S 11	23 6	15 5	4 47	15 56	3 50	11 16	2 32	4 31	1 43	21 51	0 18	22 36	0 37	3 28	0 42	7 34	0 48	21 56	0 42	19 15	19 1	17 17	15 44	1 51	S 11
M12	23 10	11 15	5 9	16 10	3 46	11 28	2 36	4 48	1 43	21 50	0 18	22 35	0 37	3 29	0 42	7 34	0 48	21 55	0 42	19 15	19 1	17 18	15 45	1 51	M12
T 13	23 13	6 59	5 14	16 25	3 42	11 40	2 39	5 5	1 43	21 48	0 18	22 35	0 37	3 29	0 42	7 34	0 48	21 55	0 42	19 14	19 0	17 19	15 46	1 51	T 13
W14	23 16	2 31	5 3	16 42	3 36	11 53	2 43	5 22	1 43	21 46	0 18	22 35	0 37	3 30	0 42	7 35	0 48	21 55	0 42	19 13	18 59	17 20	15 46	1 51	W14
T 15	23 18	1n55	4 37	16 59	3 30	12 6	2 46	5 38	1 43	21 43	0 19	22 34	0 37	3 31	0 42	7 35	0 48	21 55	0 42	19 13	18 58	17 21	15 47	1 51	T 15
F 16	23 21	6 11	4 0	17 18	3 23	12 19	2 48	5 55	1 43	21 41	0 19	22 34	0 37	3 31	0 42	7 35	0 48	21 55	0 42	19 13	18 58	17 22	15 48	1 51	F 16
S 17	23 22	10 8	3 12	17 37	3 16	12 32	2 51	6 11	1 43	21 39	0 19	22 34	0 37	3 32	0 42	7 35	0 48	21 54	0 42	19 14	18 57	17 23	15 49	1 51	S 17
S 18	23 23	13 39	2 17	17 57	3 8	12 45	2 53	6 28	1 43	21 37	0 19	22 33	0 37	3 32	0 42	7 35	0 48	21 54	0 42	19 14	18 56	17 25	15 49	1 52	S 18
M19	23 24	16 37	1 17	18 18	2 59	12 59	2 56	6 44	1 43	21 35	0 19	22 33	0 37	3 33	0 42	7 35	0 48	21 54	0 42	19 14	18 55	17 26	15 50	1 52	M19
T 20	23 25	18 53	0 13	18 40	2 50	13 13	2 58	7 0	1 43	21 33	0 19	22 33	0 37	3 33	0 42	7 35	0 48	21 54	0 42	19 15	18 54	17 27	15 51	1 52	T 20
W21	23 25	20 22	0s52	19 2	2 40	13 27	2 59	7 16	1 43	21 31	0 19	22 32	0 36	3 33	0 42	7 35	0 48	21 54	0 42	19 15	18 54	17 28	15 52	1 52	W21
T 22	23 24	20 56	1 55	19 24	2 30	13 41	3 1	7 32	1 43	21 29	0 19	22 32	0 36	3 34	0 43	7 35	0 48	21 53	0 42	19 14	18 53	17 29	15 52	1 52	T 22
F 23	23 24	20 31	2 53	19 46	2 20	13 55	3 2	7 48	1 43	21 26	0 19	22 31	0 36	3 34	0 43	7 35	0 48	21 53	0 42	19 13	18 52	17 30	15 53	1 52	F 23
S 24	23 22	19 8	3 45	20 8	2 9	14 9	3 4	8 4	1 43	21 24	0 19	22 31	0 36	3 35	0 43	7 35	0 48	21 53	0 43	19 12	18 51	17 31	15 54	1 52	S 24
S 25	23 21	16 49	4 26	20 30	1 58	14 23	3 5	8 20	1 43	21 22	0 19	22 30	0 36	3 35	0 43	7 36	0 48	21 53	0 43	19 11	18 51	17 32	15 54	1 53	S 25
M26	23 19	13 39	4 55	20 52	1 47	14 37	3 6	8 36	1 43	21 19	0 19	22 30	0 36	3 35	0 43	7 36	0 48	21 52	0 43	19 9	18 50	17 33	15 55	1 53	M26
T 27	23 16	9 48	5 9	21 13	1 35	14 51	3 7	8 51	1 43	21 17	0 19	22 30	0 36	3 36	0 43	7 36	0 48	21 52	0 43	19 7	18 49	17 34	15 56	1 53	T 27
W28	23 13	5 25	5 7	21 34	1 23	15 5	3 7	9 7	1 43	21 15	0 19	22 29	0 36	3 36	0 43	7 36	0 48	21 52	0 43	19 6	18 48	17 35	15 56	1 53	W28
T 29	23 10	0 42	4 48	21 54	1 12	15 19	3 8	9 22	1 43	21 12	0 20	22 29	0 36	3 36	0 43	7 36	0 48	21 52	0 43	19 5	18 47	17 36	15 57	1 53	T 29
F 30	23n 6	4s 8	4s13	22n12	1s 0	15n33	3s 8	9n37	1s43	21n10	0n20	22n28	0s36	3n37	0s43	7s37	0s48	21n52	0n43	19s 5	18s47	17n37	15n58	1s53	F 30

Julian Day Number = 2517440.5, Delta T = 145.06 sec
Ecliptic obliquity = 23°24'51, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°15'41, Lahiri = 26°22'42

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2180
geocentric

JULY 2180 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 39 3	9♋57'54	14♎35	24♊11	24♉19	0♉ 3	26♋39	9♋48	10♈48	12°R29	24♋45	25°D21	24♏ 3	17♉41	20♉17	S 1
S 2	18 42 59	10°55'07	28°43	26° 3	25°18	0°45	26°52	9°56	10°49	12♓29	24°47	25♏22	24° 0	17°48	20°20	S 2
M 3	18 46 56	11°52'19	13♏ 4	27°58	26°17	1°28	27° 5	10° 4	10°49	12°28	24°49	25°23	23°57	17°54	20°23	M 3
T 4	18 50 52	12°49'32	27°35	29°55	27°16	2°11	27°18	10°12	10°50	12°28	24°50	25°R23	23°54	18° 1	20°26	T 4
W 5	18 54 49	13°46'44	12♐13	1♋54	28°16	2°53	27°31	10°20	10°50	12°27	24°52	25°22	23°50	18° 8	20°28	W 5
T 6	18 58 45	14°43'56	26°53	3°56	29°16	3°36	27°44	10°27	10°51	12°26	24°53	25°19	23°47	18°14	20°31	T 6
F 7	19 2 42	15°41'08	11♑27	6° 0	0♊16	4°18	27°58	10°35	10°51	12°26	24°55	25°14	23°44	18°21	20°34	F 7
S 8	19 6 38	16°38'19	25°49	8° 5	1°17	5° 0	28°11	10°43	10°52	12°25	24°56	25° 6	23°41	18°27	20°36	S 8
S 9	19 10 35	17°35'31	9♒53	10°12	2°17	5°42	28°24	10°51	10°52	12°24	24°58	24°58	23°38	18°34	20°39	S 9
M10	19 14 32	18°32'43	23°35	12°20	3°19	6°24	28°37	10°58	10°52	12°23	25° 0	24°50	23°35	18°41	20°42	M10
T 11	19 18 28	19°29'55	6♓53	14°29	4°20	7° 6	28°51	11° 6	10°52	12°23	25° 1	24°42	23°31	18°47	20°44	T 11
W12	19 22 25	20°27'07	19°46	16°38	5°22	7°48	29° 4	11°14	10°53	12°22	25° 3	24°36	23°28	18°54	20°46	W12
T 13	19 26 21	21°24'20	2♈18	18°48	6°24	8°30	29°17	11°22	10°53	12°21	25° 4	24°32	23°25	19° 1	20°49	T 13
F 14	19 30 18	22°21'33	14°31	20°57	7°26	9°12	29°31	11°29	10°53	12°20	25° 6	24°30	23°22	19° 7	20°51	F 14
S 15	19 34 14	23°18'47	26°30	23° 7	8°29	9°53	29°44	11°37	10°R53	12°19	25° 8	24°D30	23°19	19°14	20°54	S 15
S 16	19 38 11	24°16'01	8♉21	25°16	9°32	10°35	29°57	11°45	10°53	12°18	25° 9	24°31	23°15	19°21	20°56	S 16
M17	19 42 7	25°13'16	20° 9	27°24	10°35	11°16	0♌11	11°52	10°53	12°17	25°11	24°R31	23°12	19°27	20°58	M17
T 18	19 46 4	26°10'31	1♊59	29°31	11°38	11°57	0°24	12° 0	10°53	12°16	25°12	24°31	23° 9	19°34	21° 0	T 18
W19	19 50 1	27° 7'47	13°55	1♌37	12°42	12°38	0°37	12° 8	10°53	12°15	25°14	24°29	23° 6	19°41	21° 2	W19
T 20	19 53 57	28° 5'03	26° 2	3°42	13°46	13°19	0°51	12°15	10°52	12°14	25°16	24°25	23° 3	19°47	21° 5	T 20
F 21	19 57 54	29° 2'20	8♋22	5°45	14°50	14° 0	1° 4	12°23	10°52	12°13	25°17	24°18	23° 0	19°54	21° 7	F 21
S 22	20 1 50	29°59'38	20°58	7°47	15°54	14°41	1°18	12°31	10°52	12°12	25°19	24° 9	22°56	20° 0	21° 9	S 22
S 23	20 5 47	0♌56'56	3♌50	9°48	16°59	15°22	1°31	12°38	10°52	12°11	25°20	23°59	22°53	20° 7	21°11	S 23
M24	20 9 43	1°54'15	16°57	11°46	18° 3	16° 2	1°44	12°46	10°51	12°10	25°22	23°48	22°50	20°14	21°12	M24
T 25	20 13 40	2°51'33	0♍18	13°43	19° 8	16°42	1°58	12°53	10°51	12° 9	25°24	23°37	22°47	20°20	21°14	T 25
W26	20 17 36	3°48'53	13°52	15°39	20°13	17°23	2°11	13° 1	10°50	12° 7	25°25	23°27	22°44	20°27	21°16	W26
T 27	20 21 33	4°46'12	27°35	17°33	21°19	18° 3	2°25	13° 8	10°50	12° 6	25°27	23°20	22°41	20°34	21°18	T 27
F 28	20 25 30	5°43'33	11♎26	19°25	22°24	18°43	2°38	13°16	10°49	12° 5	25°28	23°16	22°37	20°40	21°19	F 28
S 29	20 29 26	6°40'53	25°25	21°15	23°30	19°23	2°51	13°23	10°49	12° 4	25°30	23°14	22°34	20°47	21°21	S 29
S 30	20 33 23	7°38'14	9♏29	23° 3	24°35	20° 2	3° 5	13°30	10°48	12° 2	25°31	23°D14	22°31	20°54	21°23	S 30
M31	20 37 19	8♌35'35	23♏38	24♌50	25♊41	20♉42	3♌18	13♋38	10♈47	12♓ 1	25♋33	23°R14	22♏28	21♉ 0	21♉24	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n 2	8s51	3s23	22n30	0s48	15n47	3s 8	9n52	1s43	21n 8	0n20	22n28	0s36	3n37	0s43	7s37	0s49	21n51	0n43	19s 5	18s46	17n38	15n58	1s54
S 2	22 58	13 11	2 19	22 46	0 36	16 1	3 8	10 7	1 43	21 5	0 20	22 27	0 35	3 37	0 43	7 37	0 49	21 51	0 43	19 5	18 45	17 39	15 59	1 54
M 3	22 53	16 48	1 6	23 0	0 24	16 15	3 8	10 22	1 42	21 3	0 20	22 27	0 35	3 37	0 43	7 37	0 49	21 51	0 43	19 5	18 44	17 40	16 0	1 54
T 4	22 48	19 24	0n12	23 13	0 12	16 29	3 8	10 37	1 42	21 0	0 20	22 26	0 35	3 37	0 43	7 38	0 49	21 51	0 43	19 5	18 44	17 41	16 0	1 54
W 5	22 42	20 45	1 30	23 24	0 0	16 42	3 7	10 52	1 42	20 58	0 20	22 26	0 35	3 38	0 43	7 38	0 49	21 50	0 43	19 5	18 43	17 42	16 1	1 54
T 6	22 36	20 41	2 42	23 32	0n11	16 56	3 7	11 6	1 42	20 55	0 20	22 25	0 35	3 38	0 43	7 38	0 49	21 50	0 43	19 4	18 42	17 43	16 1	1 54
F 7	22 30	19 14	3 42	23 38	0 22	17 9	3 6	11 21	1 42	20 53	0 20	22 25	0 35	3 38	0 43	7 38	0 49	21 50	0 43	19 3	18 41	17 44	16 2	1 55
S 8	22 23	16 34	4 28	23 42	0 32	17 22	3 5	11 35	1 42	20 50	0 20	22 24	0 35	3 38	0 43	7 39	0 49	21 50	0 43	19 1	18 40	17 45	16 2	1 55
S 9	22 16	13 0	4 56	23 43	0 42	17 35	3 4	11 49	1 41	20 47	0 20	22 24	0 35	3 38	0 43	7 39	0 49	21 50	0 43	18 59	18 40	17 46	16 3	1 55
M10	22 8	8 49	5 7	23 42	0 51	17 48	3 3	12 3	1 41	20 45	0 20	22 23	0 35	3 38	0 43	7 39	0 49	21 49	0 43	18 57	18 39	17 47	16 3	1 55
T 11	22 0	4 20	5 0	23 37	1 0	18 0	3 2	12 17	1 41	20 42	0 20	22 22	0 35	3 38	0 43	7 40	0 49	21 49	0 44	18 56	18 38	17 48	16 4	1 55
W12	21 52	0n13	4 38	23 30	1 8	18 12	3 1	12 31	1 41	20 40	0 21	22 22	0 35	3 38	0 43	7 40	0 49	21 49	0 44	18 54	18 37	17 49	16 4	1 56
T 13	21 43	4 38	4 3	23 21	1 15	18 24	3 0	12 44	1 40	20 37	0 21	22 21	0 35	3 38	0 43	7 40	0 49	21 49	0 44	18 53	18 36	17 50	16 5	1 56
F 14	21 34	8 45	3 18	23 8	1 22	18 36	2 58	12 58	1 40	20 34	0 21	22 21	0 35	3 38	0 43	7 41	0 49	21 48	0 44	18 53	18 36	17 51	16 5	1 56
S 15	21 24	12 28	2 25	22 53	1 28	18 47	2 57	13 11	1 40	20 31	0 21	22 20	0 34	3 38	0 43	7 41	0 49	21 48	0 44	18 53	18 35	17 52	16 6	1 56
S 16	21 14	15 38	1 26	22 35	1 33	18 58	2 55	13 24	1 39	20 29	0 21	22 20	0 34	3 38	0 43	7 42	0 49	21 48	0 44	18 53	18 34	17 53	16 6	1 56
M17	21 4	18 8	0 23	22 15	1 38	19 9	2 53	13 37	1 39	20 26	0 21	22 19	0 34	3 38	0 43	7 42	0 49	21 48	0 44	18 53	18 33	17 54	16 6	1 56
T 18	20 54	19 53	0s40	21 53	1 41	19 20	2 51	13 50	1 39	20 23	0 21	22 18	0 34	3 38	0 43	7 42	0 49	21 48	0 44	18 53	18 32	17 55	16 7	1 57
W19	20 43	20 46	1 42	21 28	1 44	19 30	2 49	14 3	1 38	20 20	0 21	22 18	0 34	3 38	0 43	7 43	0 49	21 47	0 44	18 52	18 32	17 56	16 7	1 57
T 20	20 31	20 41	2 40	21 2	1 46	19 40	2 47	14 16	1 38	20 18	0 21	22 17	0 34	3 38	0 43	7 43	0 49	21 47	0 44	18 51	18 31	17 57	16 8	1 57
F 21	20 20	19 38	3 32	20 33	1 48	19 49	2 45	14 28	1 38	20 15	0 21	22 16	0 34	3 38	0 43	7 44	0 49	21 47	0 44	18 50	18 30	17 58	16 8	1 57
S 22	20 8	17 36	4 14	20 3	1 48	19 58	2 43	14 41	1 37	20 12	0 21	22 16	0 34	3 38	0 43	7 44	0 49	21 47	0 44	18 47	18 29	17 59	16 8	1 57
S 23	19 56	14 40	4 44	19 31	1 48	20 7	2 41	14 53	1 37	20 9	0 21	22 15	0 34	3 38	0 44	7 45	0 49	21 46	0 44	18 45	18 28	18 0	16 9	1 58
M24	19 43	10 58	5 0	18 58	1 47	20 15	2 38	15 5	1 36	20 6	0 22	22 15	0 34	3 37	0 44	7 45	0 49	21 46	0 44	18 42	18 28	18 1	16 9	1 58
T 25	19 30	6 40	5 1	18 23	1 46	20 23	2 36	15 17	1 36	20 3	0 22	22 14	0 34	3 37	0 44	7 46	0 49	21 46	0 44	18 39	18 27	18 2	16 9	1 58
W26	19 17	1 58	4 44	17 47	1 44	20 30	2 33	15 28	1 35	20 0	0 22	22 13	0 34	3 37	0 44	7 46	0 49	21 46	0 44	18 37	18 26	18 2	16 9	1 58
T 27	19 3	2s53	4 11	17 10	1 42	20 38	2 31	15 40	1 35	19 57	0 22	22 13	0 34	3 37	0 44	7 46	0 49	21 45	0 45	18 35	18 25	18 3	16 10	1 58
F 28	18 49	7 38	3 23	16 33	1 39	20 44	2 28	15 51	1 34	19 54	0 22	22 12	0 34	3 36	0 44	7 47	0 49	21 45	0 45	18 34	18 24	18 4	16 10	1 59
S 29	18 35	12 1	2 22	15 54	1 35	20 50	2 25	16 3	1 34	19 51	0 22	22 11	0 33	3 36	0 44	7 47	0 49	21 45	0 45	18 34	18 24	18 5	16 10	1 59
S 30	18 20	15 47	1 12	15 15	1 31	20 56	2 22	16 14	1 33	19 48	0 22	22 11	0 33	3 36	0 44	7 48	0 49	21 45	0 45	18 34	18 23	18 6	16 10	1 59
M31	18n 6	18s38	0n 2	14n35	1n26	21n 1	2s19	16n25	1s33	19n45	0n22	22n10	0s33	3n36	0s44	7s48	0s49	21n45	0n45	18s34	18s22	18n 7	16n11	1s59

Julian Day Number = 2517470.5, Delta T = 145.13 sec
Ecliptic obliquity = 23°24'51, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°15'45, Lahiri = 26°22'46

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2180
geocentric

AUGUST 2180 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 41 16	9♌32'57	7♐51	26♌35	26♊47	21♉21	3♌31	13♋45	10°R46	12°R 0	25♋35	23°R13	22♏25	21♉ 7	21♉26	T 1
W 2	20 45 12	10°30'19	22° 7	28°19	27°54	22° 1	3°45	13°52	10♈46	11♓58	25°36	23♏11	22°21	21°14	21°27	W 2
T 3	20 49 9	11°27'42	6♑21	0♍ 1	29° 0	22°40	3°58	14° 0	10°45	11°57	25°38	23° 6	22°18	21°20	21°28	T 3
F 4	20 53 5	12°25'06	20°31	1°41	0♋ 7	23°19	4°11	14° 7	10°44	11°56	25°39	22°58	22°15	21°27	21°30	F 4
S 5	20 57 2	13°22'30	4♒32	3°19	1°14	23°58	4°25	14°14	10°43	11°54	25°41	22°48	22°12	21°34	21°31	S 5
S 6	21 0 59	14°19'55	18°18	4°56	2°21	24°36	4°38	14°21	10°42	11°53	25°42	22°36	22° 9	21°40	21°32	S 6
M 7	21 4 55	15°17'21	1♓48	6°31	3°28	25°15	4°51	14°28	10°41	11°52	25°44	22°24	22° 6	21°47	21°33	M 7
T 8	21 8 52	16°14'48	14°57	8° 4	4°35	25°53	5° 4	14°35	10°40	11°50	25°45	22°13	22° 2	21°53	21°34	T 8
W 9	21 12 48	17°12'16	27°46	9°36	5°42	26°31	5°17	14°42	10°39	11°49	25°47	22° 4	21°59	22° 0	21°35	W 9
T 10	21 16 45	18° 9'45	10♈15	11° 6	6°50	27° 9	5°31	14°49	10°37	11°47	25°48	21°57	21°56	22° 7	21°36	T 10
F 11	21 20 41	19° 7'16	22°27	12°34	7°58	27°47	5°44	14°56	10°36	11°46	25°50	21°52	21°53	22°13	21°37	F 11
S 12	21 24 38	20° 4'48	4♉26	14° 1	9° 5	28°25	5°57	15° 3	10°35	11°44	25°51	21°50	21°50	22°20	21°38	S 12
S 13	21 28 34	21° 2'21	16°17	15°25	10°13	29° 3	6°10	15°10	10°34	11°43	25°53	21°50	21°46	22°27	21°39	S 13
M14	21 32 31	21°59'55	28° 5	16°49	11°22	29°40	6°23	15°17	10°32	11°41	25°54	21°50	21°43	22°33	21°40	M14
T 15	21 36 28	22°57'31	9♊56	18°10	12°30	0♊17	6°36	15°24	10°31	11°40	25°56	21°49	21°40	22°40	21°40	T 15
W16	21 40 24	23°55'09	21°55	19°29	13°38	0°54	6°49	15°30	10°30	11°38	25°57	21°47	21°37	22°47	21°41	W16
T 17	21 44 21	24°52'48	4♋ 7	20°47	14°47	1°31	7° 2	15°37	10°28	11°37	25°59	21°42	21°34	22°53	21°41	T 17
F 18	21 48 17	25°50'28	16°36	22° 3	15°55	2° 8	7°15	15°44	10°27	11°35	26° 0	21°35	21°31	23° 0	21°42	F 18
S 19	21 52 14	26°48'10	29°24	23°16	17° 4	2°44	7°28	15°50	10°25	11°33	26° 1	21°26	21°27	23° 7	21°42	S 19
S 20	21 56 10	27°45'53	12♌32	24°28	18°13	3°21	7°41	15°57	10°24	11°32	26° 3	21°14	21°24	23°13	21°43	S 20
M21	22 0 7	28°43'37	26° 0	25°38	19°22	3°57	7°54	16° 3	10°22	11°30	26° 4	21° 2	21°21	23°20	21°43	M21
T 22	22 4 3	29°41'23	9♍45	26°45	20°31	4°32	8° 7	16°10	10°20	11°29	26° 6	20°50	21°18	23°26	21°43	T 22
W23	22 8 0	0♍39'10	23°44	27°50	21°41	5° 8	8°20	16°16	10°19	11°27	26° 7	20°40	21°15	23°33	21°44	W23
T 24	22 11 57	1°36'59	7♎51	28°53	22°50	5°44	8°33	16°22	10°17	11°25	26° 8	20°32	21°12	23°40	21°44	T 24
F 25	22 15 53	2°34'48	22° 4	29°53	23°59	6°19	8°46	16°28	10°15	11°24	26°10	20°27	21° 8	23°46	21°44	F 25
S 26	22 19 50	3°32'39	6♏17	0♎50	25° 9	6°54	8°58	16°35	10°14	11°22	26°11	20°25	21° 5	23°53	21°R44	S 26
S 27	22 23 46	4°30'31	20°29	1°45	26°19	7°29	9°11	16°41	10°12	11°21	26°12	20°D24	21° 2	24° 0	21°44	S 27
M28	22 27 43	5°28'24	4♐37	2°37	27°29	8° 3	9°24	16°47	10°10	11°19	26°14	20°R24	20°59	24° 6	21°44	M28
T 29	22 31 39	6°26'18	18°41	3°25	28°38	8°37	9°36	16°53	10° 8	11°17	26°15	20°24	20°56	24°13	21°43	T 29
W30	22 35 36	7°24'14	2♑40	4°11	29°48	9°11	9°49	16°59	10° 6	11°16	26°16	20°22	20°52	24°20	21°43	W30
T 31	22 39 32	8♍22'11	16♑33	4♎52	0♌59	9♊45	10♌ 1	17♋ 5	10♈ 4	11♓14	26♋17	20♏17	20♏49	24♉26	21♉43	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17n51	20s20	1n17	13n55	1n21	21n 6	2s16	16n36	1s32	19n42	0n22	22n 9	0s33	3n35	0s44	7s49	0s49	21n44	0n45	18s33	18s21	18n 8	16n11	1s59
W 2	17 35	20 44	2 27	13 14	1 16	21 10	2 13	16 46	1 32	19 39	0 22	22 8	0 33	3 35	0 44	7 50	0 49	21 44	0 45	18 33	18 20	18 9	16 11	2 0
T 3	17 20	19 49	3 27	12 33	1 10	21 14	2 10	16 57	1 31	19 36	0 22	22 8	0 33	3 35	0 44	7 50	0 50	21 44	0 45	18 32	18 20	18 10	16 11	2 0
F 4	17 4	17 39	4 15	11 51	1 4	21 18	2 7	17 7	1 31	19 33	0 23	22 7	0 33	3 34	0 44	7 51	0 50	21 44	0 45	18 30	18 19	18 11	16 11	2 0
S 5	16 47	14 29	4 46	11 10	0 57	21 20	2 4	17 17	1 30	19 30	0 23	22 6	0 33	3 34	0 44	7 51	0 50	21 43	0 45	18 27	18 18	18 11	16 11	2 0
S 6	16 31	10 34	5 0	10 28	0 50	21 23	2 1	17 27	1 30	19 27	0 23	22 6	0 33	3 33	0 44	7 52	0 50	21 43	0 45	18 24	18 17	18 12	16 11	2 0
M 7	16 14	6 12	4 57	9 46	0 43	21 24	1 58	17 37	1 29	19 24	0 23	22 5	0 33	3 33	0 44	7 52	0 50	21 43	0 45	18 21	18 16	18 13	16 12	2 1
T 8	15 57	1 39	4 38	9 5	0 35	21 26	1 54	17 47	1 28	19 21	0 23	22 4	0 33	3 33	0 44	7 53	0 50	21 43	0 45	18 18	18 16	18 14	16 12	2 1
W 9	15 40	2n52	4 5	8 23	0 27	21 26	1 51	17 56	1 28	19 18	0 23	22 4	0 33	3 32	0 44	7 53	0 50	21 43	0 45	18 16	18 15	18 15	16 12	2 1
T 10	15 22	7 8	3 21	7 41	0 19	21 27	1 48	18 6	1 27	19 15	0 23	22 3	0 33	3 32	0 44	7 54	0 50	21 42	0 45	18 14	18 14	18 16	16 12	2 1
F 11	15 4	11 2	2 29	7 0	0 11	21 26	1 44	18 15	1 26	19 12	0 23	22 2	0 33	3 31	0 44	7 55	0 50	21 42	0 46	18 13	18 13	18 17	16 12	2 1
S 12	14 46	14 25	1 31	6 19	0 2	21 25	1 41	18 24	1 26	19 8	0 23	22 1	0 33	3 31	0 44	7 55	0 50	21 42	0 46	18 12	18 12	18 17	16 12	2 2
S 13	14 28	17 10	0 29	5 38	0s 7	21 24	1 38	18 33	1 25	19 5	0 23	22 1	0 33	3 30	0 44	7 56	0 50	21 42	0 46	18 12	18 11	18 18	16 12	2 2
M14	14 10	19 11	0s33	4 57	0 16	21 22	1 34	18 41	1 24	19 2	0 24	22 0	0 33	3 30	0 44	7 56	0 50	21 42	0 46	18 12	18 11	18 19	16 12	2 2
T 15	13 51	20 22	1 34	4 17	0 25	21 19	1 31	18 50	1 23	18 59	0 24	21 59	0 32	3 29	0 44	7 57	0 50	21 41	0 46	18 12	18 10	18 20	16 12	2 2
W16	13 32	20 38	2 32	3 38	0 35	21 16	1 27	18 58	1 23	18 56	0 24	21 59	0 32	3 28	0 44	7 58	0 50	21 41	0 46	18 12	18 9	18 21	16 12	2 2
T 17	13 13	19 57	3 24	2 58	0 44	21 13	1 24	19 6	1 22	18 53	0 24	21 58	0 32	3 28	0 44	7 58	0 50	21 41	0 46	18 10	18 8	18 22	16 12	2 3
F 18	12 54	18 18	4 7	2 20	0 54	21 8	1 20	19 14	1 21	18 49	0 24	21 57	0 32	3 27	0 44	7 59	0 50	21 41	0 46	18 9	18 7	18 22	16 12	2 3
S 19	12 34	15 42	4 39	1 42	1 4	21 4	1 16	19 22	1 20	18 46	0 24	21 56	0 32	3 27	0 44	7 59	0 50	21 41	0 46	18 6	18 6	18 23	16 11	2 3
S 20	12 14	12 16	4 57	1 4	1 13	20 58	1 13	19 30	1 19	18 43	0 24	21 56	0 32	3 26	0 44	8 0	0 50	21 40	0 46	18 3	18 6	18 24	16 11	2 3
M21	11 54	8 8	5 0	0 28	1 23	20 52	1 9	19 38	1 19	18 40	0 24	21 55	0 32	3 25	0 44	8 1	0 50	21 40	0 46	18 0	18 5	18 25	16 11	2 3
T 22	11 34	3 30	4 45	0s 8	1 33	20 46	1 6	19 45	1 18	18 37	0 24	21 54	0 32	3 25	0 44	8 1	0 50	21 40	0 46	17 57	18 4	18 26	16 11	2 4
W23	11 14	1s23	4 13	0 43	1 43	20 39	1 2	19 52	1 17	18 33	0 24	21 54	0 32	3 24	0 44	8 2	0 50	21 40	0 46	17 54	18 3	18 26	16 11	2 4
T 24	10 53	6 15	3 25	1 17	1 53	20 31	0 58	19 59	1 16	18 30	0 25	21 53	0 32	3 23	0 44	8 3	0 50	21 40	0 46	17 52	18 2	18 27	16 11	2 4
F 25	10 33	10 49	2 24	1 50	2 3	20 23	0 55	20 6	1 15	18 27	0 25	21 52	0 32	3 23	0 44	8 3	0 50	21 39	0 47	17 51	18 1	18 28	16 11	2 4
S 26	10 12	14 46	1 14	2 22	2 13	20 15	0 51	20 13	1 14	18 24	0 25	21 52	0 32	3 22	0 44	8 4	0 50	21 39	0 47	17 50	18 1	18 29	16 10	2 5
S 27	9 51	17 51	0n 0	2 53	2 23	20 5	0 48	20 20	1 13	18 20	0 25	21 51	0 32	3 21	0 44	8 4	0 50	21 39	0 47	17 50	18 0	18 30	16 10	2 5
M28	9 30	19 49	1 15	3 23	2 33	19 55	0 44	20 26	1 12	18 17	0 25	21 50	0 32	3 20	0 44	8 5	0 50	21 39	0 47	17 50	17 59	18 30	16 10	2 5
T 29	9 8	20 32	2 24	3 51	2 43	19 45	0 40	20 33	1 11	18 14	0 25	21 49	0 32	3 20	0 44	8 6	0 50	21 39	0 47	17 50	17 58	18 31	16 10	2 5
W30	8 47	19 59	3 24	4 18	2 52	19 34	0 37	20 39	1 10	18 11	0 25	21 49	0 32	3 19	0 44	8 6	0 50	21 39	0 47	17 49	17 57	18 32	16 9	2 5
T 31	8n25	18s13	4n12	4s43	3s 2	19n23	0s33	20n45	1s 9	18n 7	0n25	21n48	0s32	3n18	0s44	8s 7	0s50	21n38	0n47	17s48	17s56	18n33	16n 9	2s 6

Julian Day Number = 2517501.5, Delta T = 145.20 sec
Ecliptic obliquity = 23°24'51, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°15'50, Lahiri = 26°22'50

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2180
geocentric

SEPTEMBER 2180 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 43 29	9♍20'09	0♒18	5♎30	2♌ 9	10♊19	10♌14	17♋10	10°R 2	11°R12	26♋19	20°R10	20♏46	24♉33	21°R43	F 1
S 2	22 47 26	10°18'08	13°53	6° 4	3°19	10°52	10°26	17°16	10♈ 0	11♓11	26°20	20♏ 0	20°43	24°40	21♉42	S 2
S 3	22 51 22	11°16'09	27°17	6°33	4°30	11°25	10°38	17°22	9°58	11° 9	26°21	19°49	20°40	24°46	21°42	S 3
M 4	22 55 19	12°14'11	10♓26	6°58	5°40	11°58	10°51	17°27	9°56	11° 7	26°22	19°38	20°37	24°53	21°41	M 4
T 5	22 59 15	13°12'15	23°19	7°19	6°51	12°31	11° 3	17°33	9°54	11° 6	26°24	19°27	20°33	24°59	21°41	T 5
W 6	23 3 12	14°10'21	5♈56	7°34	8° 2	13° 3	11°15	17°38	9°52	11° 4	26°25	19°18	20°30	25° 6	21°40	W 6
T 7	23 7 8	15° 8'28	18°18	7°43	9°12	13°35	11°27	17°44	9°50	11° 2	26°26	19°11	20°27	25°13	21°39	T 7
F 8	23 11 5	16° 6'38	0♉25	7°R47	10°23	14° 7	11°39	17°49	9°48	11° 1	26°27	19° 7	20°24	25°19	21°39	F 8
S 9	23 15 1	17° 4'49	12°22	7°45	11°34	14°38	11°51	17°54	9°46	10°59	26°28	19° 5	20°21	25°26	21°38	S 9
S 10	23 18 58	18° 3'02	24°12	7°37	12°46	15°10	12° 3	17°59	9°44	10°58	26°29	19°D 5	20°18	25°33	21°37	S 10
M11	23 22 54	19° 1'18	5♊59	7°23	13°57	15°40	12°15	18° 5	9°41	10°56	26°30	19° 6	20°14	25°39	21°36	M11
T 12	23 26 51	19°59'35	17°50	7° 1	15° 8	16°11	12°27	18°10	9°39	10°54	26°31	19°R 7	20°11	25°46	21°35	T 12
W13	23 30 48	20°57'54	29°49	6°34	16°20	16°41	12°39	18°15	9°37	10°53	26°32	19° 6	20° 8	25°53	21°34	W13
T 14	23 34 44	21°56'16	12♋ 2	5°59	17°31	17°11	12°51	18°19	9°35	10°51	26°33	19° 4	20° 5	25°59	21°33	T 14
F 15	23 38 41	22°54'39	24°33	5°19	18°43	17°41	13° 2	18°24	9°32	10°49	26°34	19° 0	20° 2	26° 6	21°32	F 15
S 16	23 42 37	23°53'05	7♌26	4°32	19°54	18°10	13°14	18°29	9°30	10°48	26°35	18°53	19°58	26°13	21°30	S 16
S 17	23 46 34	24°51'32	20°43	3°41	21° 6	18°39	13°26	18°34	9°28	10°46	26°36	18°45	19°55	26°19	21°29	S 17
M18	23 50 30	25°50'02	4♍25	2°44	22°18	19° 8	13°37	18°38	9°25	10°45	26°37	18°37	19°52	26°26	21°28	M18
T 19	23 54 27	26°48'33	18°28	1°44	23°30	19°36	13°48	18°43	9°23	10°43	26°38	18°28	19°49	26°32	21°26	T 19
W20	23 58 23	27°47'06	2♎49	0°42	24°42	20° 4	14° 0	18°47	9°21	10°42	26°39	18°21	19°46	26°39	21°25	W20
T 21	0 2 20	28°45'42	17°22	29♍38	25°54	20°32	14°11	18°51	9°18	10°40	26°40	18°15	19°43	26°46	21°23	T 21
F 22	0 6 17	29°44'19	2♏ 0	28°35	27° 6	20°59	14°22	18°55	9°16	10°38	26°41	18°12	19°39	26°52	21°22	F 22
S 23	0 10 13	0♎42'58	16°36	27°34	28°19	21°26	14°33	18°59	9°14	10°37	26°42	18°D11	19°36	26°59	21°20	S 23
S 24	0 14 10	1°41'38	1♐ 6	26°36	29°31	21°52	14°44	19° 3	9°11	10°35	26°42	18°11	19°33	27° 6	21°19	S 24
M25	0 18 6	2°40'21	15°25	25°43	0♍43	22°18	14°55	19° 7	9° 9	10°34	26°43	18°13	19°30	27°12	21°17	M25
T 26	0 22 3	3°39'05	29°32	24°57	1°56	22°44	15° 6	19°11	9° 6	10°32	26°44	18°R13	19°27	27°19	21°15	T 26
W27	0 25 59	4°37'50	13♑26	24°18	3° 8	23° 9	15°17	19°15	9° 4	10°31	26°45	18°13	19°23	27°26	21°13	W27
T 28	0 29 56	5°36'38	27° 6	23°48	4°21	23°34	15°27	19°19	9° 2	10°29	26°45	18°11	19°20	27°32	21°12	T 28
F 29	0 33 52	6°35'26	10♒32	23°27	5°34	23°58	15°38	19°22	8°59	10°28	26°46	18° 7	19°17	27°39	21°10	F 29
S 30	0 37 49	7♎34'17	23♒46	23♍16	6♍46	24♊22	15♌48	19♋26	8♈57	10♓27	26♋47	18♏ 2	19♏14	27♉46	21♉ 8	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	8n 4	15s26	4n45	5s 6	3s11	19n11	0s30	20n51	1s 8	18n 4	0n26	21n47	0s32	3n17	0s44	8s 8	0s50	21n38	0n47	17s46	17s56	18n33	16n 9	2s 6
S 2	7 42	11 50	5 1	5 28	3 20	18 58	0 26	20 56	1 7	18 1	0 26	21 47	0 32	3 17	0 45	8 8	0 50	21 38	0 47	17 43	17 55	18 34	16 9	2 6
S 3	7 20	7 42	5 0	5 47	3 28	18 45	0 23	21 2	1 6	17 58	0 26	21 46	0 32	3 16	0 45	8 9	0 50	21 38	0 47	17 40	17 54	18 35	16 8	2 6
M 4	6 58	3 17	4 43	6 4	3 36	18 31	0 19	21 8	1 5	17 55	0 26	21 45	0 32	3 15	0 45	8 10	0 50	21 38	0 47	17 37	17 53	18 36	16 8	2 6
T 5	6 36	1n13	4 12	6 19	3 44	18 17	0 16	21 13	1 4	17 51	0 26	21 45	0 31	3 14	0 45	8 10	0 50	21 38	0 47	17 34	17 52	18 36	16 8	2 7
W 6	6 13	5 33	3 29	6 32	3 50	18 3	0 12	21 18	1 3	17 48	0 26	21 44	0 31	3 13	0 45	8 11	0 50	21 38	0 47	17 32	17 51	18 37	16 7	2 7
T 7	5 51	9 35	2 37	6 41	3 57	17 47	0 9	21 23	1 2	17 45	0 26	21 43	0 31	3 12	0 45	8 11	0 50	21 37	0 48	17 30	17 51	18 38	16 7	2 7
F 8	5 28	13 8	1 38	6 48	4 2	17 32	0 6	21 28	1 1	17 42	0 26	21 43	0 31	3 12	0 45	8 12	0 50	21 37	0 48	17 29	17 50	18 39	16 6	2 7
S 9	5 6	16 6	0 36	6 51	4 7	17 16	0 2	21 33	0 59	17 38	0 27	21 42	0 31	3 11	0 45	8 13	0 50	21 37	0 48	17 29	17 49	18 39	16 6	2 8
S 10	4 43	18 22	0s27	6 51	4 10	16 59	0n 1	21 37	0 58	17 35	0 27	21 41	0 31	3 10	0 45	8 13	0 50	21 37	0 48	17 29	17 48	18 40	16 6	2 8
M11	4 20	19 49	1 29	6 48	4 13	16 42	0 4	21 42	0 57	17 32	0 27	21 41	0 31	3 9	0 45	8 14	0 50	21 37	0 48	17 29	17 47	18 41	16 5	2 8
T 12	3 58	20 24	2 28	6 41	4 14	16 24	0 8	21 46	0 56	17 29	0 27	21 40	0 31	3 8	0 45	8 15	0 50	21 37	0 48	17 29	17 46	18 42	16 5	2 8
W13	3 35	20 4	3 21	6 29	4 14	16 6	0 11	21 51	0 55	17 26	0 27	21 40	0 31	3 7	0 45	8 15	0 50	21 37	0 48	17 29	17 45	18 42	16 4	2 8
T 14	3 12	18 48	4 5	6 14	4 12	15 47	0 14	21 55	0 53	17 22	0 27	21 39	0 31	3 6	0 45	8 16	0 50	21 36	0 48	17 28	17 45	18 43	16 4	2 9
F 15	2 49	16 36	4 39	5 55	4 9	15 28	0 17	21 59	0 52	17 19	0 27	21 38	0 31	3 5	0 45	8 16	0 50	21 36	0 48	17 27	17 44	18 44	16 3	2 9
S 16	2 26	13 33	5 0	5 32	4 4	15 9	0 20	22 3	0 51	17 16	0 27	21 38	0 31	3 5	0 45	8 17	0 50	21 36	0 48	17 25	17 43	18 44	16 3	2 9
S 17	2 2	9 43	5 6	5 5	3 56	14 49	0 23	22 7	0 49	17 13	0 28	21 37	0 31	3 4	0 45	8 18	0 50	21 36	0 48	17 23	17 42	18 45	16 2	2 9
M18	1 39	5 18	4 55	4 34	3 47	14 29	0 26	22 10	0 48	17 10	0 28	21 37	0 31	3 3	0 45	8 18	0 50	21 36	0 48	17 21	17 41	18 46	16 2	2 9
T 19	1 16	0 28	4 26	4 0	3 37	14 8	0 29	22 14	0 47	17 7	0 28	21 36	0 31	3 2	0 45	8 19	0 50	21 36	0 48	17 18	17 40	18 46	16 1	2 10
W20	0 53	4s29	3 40	3 24	3 24	13 47	0 32	22 18	0 45	17 3	0 28	21 35	0 31	3 1	0 45	8 19	0 50	21 36	0 49	17 16	17 40	18 47	16 1	2 10
T 21	0 30	9 15	2 38	2 45	3 9	13 25	0 35	22 21	0 44	17 0	0 28	21 35	0 31	3 0	0 45	8 20	0 50	21 36	0 49	17 15	17 39	18 48	16 0	2 10
F 22	0 6	13 30	1 26	2 5	2 53	13 3	0 38	22 24	0 42	16 57	0 28	21 34	0 31	2 59	0 45	8 21	0 50	21 36	0 49	17 14	17 38	18 48	15 59	2 10
S 23	0s17	16 55	0 9	1 24	2 35	12 41	0 41	22 28	0 41	16 54	0 28	21 34	0 31	2 58	0 45	8 21	0 50	21 36	0 49	17 14	17 37	18 49	15 59	2 10
S 24	0 40	19 13	1n 9	0 44	2 17	12 18	0 43	22 31	0 39	16 51	0 29	21 33	0 31	2 57	0 45	8 22	0 50	21 36	0 49	17 14	17 36	18 50	15 58	2 11
M25	1 4	20 16	2 22	0 5	1 57	11 55	0 46	22 34	0 38	16 48	0 29	21 33	0 31	2 56	0 45	8 22	0 50	21 35	0 49	17 14	17 35	18 50	15 57	2 11
T 26	1 27	20 0	3 25	0n31	1 37	11 32	0 49	22 37	0 36	16 45	0 29	21 32	0 31	2 55	0 45	8 23	0 50	21 35	0 49	17 14	17 34	18 51	15 57	2 11
W27	1 50	18 31	4 15	1 5	1 17	11 8	0 51	22 40	0 35	16 42	0 29	21 32	0 31	2 54	0 45	8 23	0 50	21 35	0 49	17 14	17 34	18 52	15 56	2 11
T 28	2 14	15 59	4 49	1 36	0 57	10 44	0 54	22 43	0 33	16 39	0 29	21 31	0 31	2 53	0 45	8 24	0 50	21 35	0 49	17 14	17 33	18 52	15 56	2 11
F 29	2 37	12 39	5 7	2 2	0 37	10 20	0 56	22 45	0 31	16 36	0 29	21 31	0 30	2 52	0 45	8 25	0 50	21 35	0 49	17 13	17 32	18 53	15 55	2 12
S 30	3s 0	8s44	5n 8	2n24	0s18	9n55	0n58	22n48	0s30	16n33	0n29	21n30	0s30	2n51	0s45	8s25	0s50	21n35	0n49	17s11	17s31	18n54	15n54	2s12

Julian Day Number = 2517532.5, Delta T = 145.27 sec
Ecliptic obliquity = 23°24'51, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°15'54, Lahiri = 26°22'54

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2180
geocentric

OCTOBER 2180 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 41 46	8♎33'09	6♓46	23°D15	7♍59	24♊45	15♌59	19♋29	8°R54	10°R25	26♋47	17°R55	19♏11	27♉52	21°R 6	S 1
M 2	0 45 42	9°32'04	19°33	23♍24	9°12	25° 8	16° 9	19°32	8♈52	10♓24	26°48	17♏48	19° 8	27°59	21♉ 4	M 2
T 3	0 49 39	10°31'00	2♈ 7	23°44	10°25	25°31	16°19	19°35	8°50	10°22	26°49	17°42	19° 4	28° 6	21° 2	T 3
W 4	0 53 35	11°29'58	14°29	24°13	11°38	25°53	16°29	19°38	8°47	10°21	26°49	17°37	19° 1	28°12	20°59	W 4
T 5	0 57 32	12°28'58	26°40	24°52	12°51	26°15	16°39	19°41	8°45	10°20	26°50	17°33	18°58	28°19	20°57	T 5
F 6	1 1 28	13°28'00	8♉40	25°39	14° 4	26°36	16°49	19°44	8°42	10°18	26°50	17°31	18°55	28°25	20°55	F 6
S 7	1 5 25	14°27'04	20°33	26°34	15°18	26°56	16°59	19°47	8°40	10°17	26°51	17°D30	18°52	28°32	20°53	S 7
S 8	1 9 21	15°26'11	2♊21	27°37	16°31	27°17	17° 9	19°50	8°38	10°16	26°51	17°31	18°49	28°39	20°50	S 8
M 9	1 13 18	16°25'20	14° 8	28°46	17°44	27°36	17°18	19°52	8°35	10°15	26°52	17°33	18°45	28°45	20°48	M 9
T 10	1 17 14	17°24'31	25°58	0♎ 1	18°58	27°55	17°28	19°55	8°33	10°13	26°52	17°35	18°42	28°52	20°46	T 10
W11	1 21 11	18°23'44	7♋56	1°22	20°11	28°14	17°37	19°57	8°30	10°12	26°53	17°36	18°39	28°59	20°43	W11
T 12	1 25 8	19°23'00	20° 7	2°46	21°25	28°32	17°46	19°59	8°28	10°11	26°53	17°R37	18°36	29° 5	20°41	T 12
F 13	1 29 4	20°22'18	2♌35	4°15	22°39	28°49	17°55	20° 2	8°26	10°10	26°53	17°36	18°33	29°12	20°38	F 13
S 14	1 33 1	21°21'38	15°26	5°47	23°52	29° 6	18° 4	20° 4	8°23	10° 9	26°54	17°34	18°29	29°19	20°36	S 14
S 15	1 36 57	22°21'00	28°42	7°21	25° 6	29°22	18°13	20° 6	8°21	10° 7	26°54	17°31	18°26	29°25	20°33	S 15
M16	1 40 54	23°20'25	12♍25	8°58	26°20	29°37	18°22	20° 7	8°19	10° 6	26°54	17°28	18°23	29°32	20°31	M16
T 17	1 44 50	24°19'52	26°34	10°36	27°34	29°52	18°31	20° 9	8°16	10° 5	26°55	17°24	18°20	29°39	20°28	T 17
W18	1 48 47	25°19'21	11♎ 6	12°16	28°48	0♋ 6	18°39	20°11	8°14	10° 4	26°55	17°21	18°17	29°45	20°25	W18
T 19	1 52 43	26°18'52	25°56	13°56	0♎ 1	0°20	18°48	20°12	8°12	10° 3	26°55	17°19	18°14	29°52	20°23	T 19
F 20	1 56 40	27°18'26	10♏55	15°38	1°15	0°33	18°56	20°14	8°10	10° 2	26°55	17°D18	18°10	29°59	20°20	F 20
S 21	2 0 37	28°18'01	25°55	17°20	2°30	0°45	19° 4	20°15	8° 7	10° 1	26°55	17°18	18° 7	0♊ 5	20°17	S 21
S 22	2 4 33	29°17'38	10♐48	19° 2	3°44	0°56	19°12	20°16	8° 5	10° 0	26°56	17°19	18° 4	0°12	20°14	S 22
M23	2 8 30	0♏17'17	25°27	20°44	4°58	1° 7	19°20	20°17	8° 3	9°59	26°56	17°21	18° 1	0°18	20°11	M23
T 24	2 12 26	1°16'58	9♑48	22°27	6°12	1°17	19°28	20°18	8° 1	9°58	26°56	17°22	17°58	0°25	20° 9	T 24
W25	2 16 23	2°16'40	23°48	24° 9	7°26	1°27	19°36	20°19	7°59	9°58	26°56	17°22	17°55	0°32	20° 6	W25
T 26	2 20 19	3°16'24	7♒27	25°51	8°40	1°35	19°43	20°20	7°56	9°57	26°56	17°R23	17°51	0°38	20° 3	T 26
F 27	2 24 16	4°16'09	20°46	27°33	9°55	1°43	19°51	20°20	7°54	9°56	26°R56	17°22	17°48	0°45	20° 0	F 27
S 28	2 28 12	5°15'57	3♓46	29°15	11° 9	1°50	19°58	20°21	7°52	9°55	26°56	17°21	17°45	0°52	19°57	S 28
S 29	2 32 9	6°15'46	16°29	0♏56	12°23	1°57	20° 5	20°21	7°50	9°54	26°56	17°19	17°42	0°58	19°54	S 29
M30	2 36 6	7°15'36	28°58	2°37	13°38	2° 2	20°12	20°21	7°48	9°54	26°56	17°18	17°39	1° 5	19°51	M30
T 31	2 40 2	8♏15'28	11♈15	4♏17	14♎52	2♋ 7	20♌19	20♋22	7♈46	9♓53	26♋56	17♏17	17♏35	1♊12	19♉48	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3s23	4s28	4n54	2n41	0s 0	9n30	1n 1	22n51	0s28	16n30	0n30	21n30	0s30	2n51	0s45	8s26	0s50	21n35	0n49	17s 9	17s30	18n54	15n53	2s12
M 2	3 46	0 5	4 24	2 52	0n17	9 5	1 3	22 53	0 26	16 27	0 30	21 30	0 30	2 50	0 45	8 26	0 50	21 35	0 50	17 7	17 29	18 55	15 53	2 12
T 3	4 10	4n15	3 42	2 59	0 33	8 39	1 5	22 56	0 25	16 24	0 30	21 29	0 30	2 49	0 45	8 27	0 50	21 35	0 50	17 5	17 28	18 56	15 52	2 12
W 4	4 33	8 20	2 51	3 1	0 47	8 14	1 7	22 58	0 23	16 21	0 30	21 29	0 30	2 48	0 45	8 27	0 50	21 35	0 50	17 4	17 27	18 56	15 51	2 12
T 5	4 56	12 0	1 52	2 58	1 0	7 47	1 9	23 1	0 21	16 19	0 30	21 28	0 30	2 47	0 45	8 28	0 50	21 35	0 50	17 3	17 27	18 57	15 51	2 13
F 6	5 19	15 8	0 48	2 50	1 12	7 21	1 11	23 3	0 19	16 16	0 30	21 28	0 30	2 46	0 45	8 28	0 50	21 35	0 50	17 2	17 26	18 57	15 50	2 13
S 7	5 41	17 36	0s17	2 37	1 22	6 55	1 13	23 5	0 17	16 13	0 31	21 28	0 30	2 45	0 45	8 29	0 50	21 35	0 50	17 2	17 25	18 58	15 49	2 13
S 8	6 4	19 18	1 21	2 20	1 31	6 28	1 15	23 8	0 15	16 10	0 31	21 27	0 30	2 44	0 45	8 29	0 50	21 35	0 50	17 3	17 24	18 59	15 48	2 13
M 9	6 27	20 8	2 21	2 0	1 39	6 1	1 17	23 10	0 14	16 7	0 31	21 27	0 30	2 43	0 45	8 30	0 50	21 35	0 50	17 3	17 23	18 59	15 48	2 13
T 10	6 50	20 6	3 16	1 36	1 45	5 34	1 18	23 12	0 12	16 5	0 31	21 27	0 30	2 42	0 45	8 30	0 50	21 35	0 50	17 4	17 22	19 0	15 47	2 13
W11	7 12	19 8	4 3	1 8	1 50	5 6	1 20	23 14	0 10	16 2	0 31	21 26	0 30	2 41	0 45	8 30	0 50	21 35	0 50	17 4	17 21	19 0	15 46	2 14
T 12	7 35	17 18	4 39	0 38	1 54	4 39	1 21	23 17	0 8	15 59	0 31	21 26	0 30	2 40	0 45	8 31	0 50	21 35	0 50	17 4	17 20	19 1	15 45	2 14
F 13	7 57	14 37	5 4	0 6	1 56	4 11	1 23	23 19	0 6	15 57	0 32	21 26	0 30	2 39	0 45	8 31	0 50	21 35	0 50	17 4	17 20	19 2	15 44	2 14
S 14	8 19	11 11	5 15	0s29	1 58	3 43	1 24	23 21	0 4	15 54	0 32	21 25	0 30	2 38	0 45	8 32	0 50	21 35	0 51	17 3	17 19	19 2	15 44	2 14
S 15	8 41	7 5	5 9	1 6	1 59	3 15	1 25	23 23	0 1	15 51	0 32	21 25	0 30	2 38	0 45	8 32	0 50	21 35	0 51	17 3	17 18	19 3	15 43	2 14
M16	9 3	2 30	4 46	1 44	1 59	2 47	1 27	23 25	0n 1	15 49	0 32	21 25	0 30	2 37	0 45	8 33	0 50	21 35	0 51	17 2	17 17	19 3	15 42	2 14
T 17	9 25	2s23	4 5	2 23	1 58	2 19	1 28	23 28	0 3	15 46	0 32	21 25	0 30	2 36	0 45	8 33	0 50	21 35	0 51	17 1	17 16	19 4	15 41	2 15
W18	9 47	7 15	3 7	3 3	1 56	1 50	1 29	23 30	0 5	15 44	0 32	21 25	0 30	2 35	0 45	8 33	0 50	21 35	0 51	17 0	17 15	19 4	15 40	2 15
T 19	10 9	11 48	1 55	3 45	1 54	1 22	1 30	23 32	0 7	15 41	0 33	21 24	0 30	2 34	0 44	8 34	0 50	21 35	0 51	16 59	17 14	19 5	15 39	2 15
F 20	10 30	15 39	0 35	4 26	1 51	0 53	1 31	23 34	0 9	15 39	0 33	21 24	0 30	2 33	0 44	8 34	0 50	21 35	0 51	16 59	17 13	19 6	15 38	2 15
S 21	10 52	18 27	0n47	5 8	1 48	0 25	1 32	23 37	0 12	15 37	0 33	21 24	0 30	2 32	0 44	8 34	0 50	21 35	0 51	16 59	17 13	19 6	15 38	2 15
S 22	11 13	19 57	2 6	5 51	1 44	0s 4	1 33	23 39	0 14	15 34	0 33	21 24	0 30	2 31	0 44	8 35	0 50	21 35	0 51	16 59	17 12	19 7	15 37	2 15
M23	11 34	20 4	3 16	6 33	1 39	0 33	1 33	23 41	0 16	15 32	0 33	21 24	0 29	2 31	0 44	8 35	0 50	21 35	0 51	16 59	17 11	19 7	15 36	2 15
T 24	11 54	18 52	4 12	7 16	1 35	1 1	1 34	23 43	0 19	15 30	0 34	21 24	0 29	2 30	0 44	8 35	0 50	21 35	0 51	17 0	17 10	19 8	15 35	2 16
W25	12 15	16 33	4 51	7 58	1 30	1 30	1 34	23 46	0 21	15 28	0 34	21 24	0 29	2 29	0 44	8 36	0 50	21 36	0 52	17 0	17 9	19 8	15 34	2 16
T 26	12 36	13 21	5 12	8 40	1 24	1 59	1 35	23 48	0 24	15 25	0 34	21 24	0 29	2 28	0 44	8 36	0 50	21 36	0 52	17 0	17 8	19 9	15 33	2 16
F 27	12 56	9 33	5 16	9 22	1 19	2 28	1 35	23 50	0 26	15 23	0 34	21 24	0 29	2 27	0 44	8 36	0 50	21 36	0 52	17 0	17 7	19 9	15 32	2 16
S 28	13 16	5 23	5 4	10 3	1 13	2 56	1 36	23 53	0 29	15 21	0 34	21 24	0 29	2 26	0 44	8 37	0 50	21 36	0 52	17 0	17 6	19 10	15 31	2 16
S 29	13 36	1 4	4 37	10 44	1 7	3 25	1 36	23 55	0 31	15 19	0 34	21 24	0 29	2 26	0 44	8 37	0 50	21 36	0 52	16 59	17 5	19 10	15 30	2 16
M30	13 55	3n13	3 57	11 25	1 1	3 54	1 36	23 58	0 34	15 17	0 35	21 24	0 29	2 25	0 44	8 37	0 50	21 36	0 52	16 59	17 5	19 11	15 30	2 16
T 31	14s15	7n19	3n 7	12s 5	0n55	4s22	1n36	24n 0	0n37	15n15	0n35	21n24	0s29	2n24	0s44	8s37	0s50	21n36	0n52	16s58	17s 4	19n11	15n29	2s17

Julian Day Number = 2517562.5, Delta T = 145.34 sec
Ecliptic obliquity = 23°24'51, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°15'58, Lahiri = 26°22'58

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2180
geocentric

NOVEMBER 2180 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 43 59	9♏15'23	23♈23	5♏57	16♎ 7	2♋11	20♌25	20°R22	7°R44	9°R52	26°R56	17°R16	17♏32	1♊18	19°R45	W 1
T 2	2 47 55	10°15'19	5♉22	7°37	17°21	2°14	20°32	20♋22	7♈42	9♓52	26♋56	17♏15	17°29	1°25	19♉42	T 2
F 3	2 51 52	11°15'17	17°15	9°16	18°36	2°17	20°38	20°21	7°40	9°51	26°55	17°D15	17°26	1°32	19°39	F 3
S 4	2 55 48	12°15'16	29° 4	10°54	19°51	2°18	20°44	20°21	7°39	9°51	26°55	17°15	17°23	1°38	19°36	S 4
S 5	2 59 45	13°15'18	10♊52	12°33	21° 5	2°R19	20°51	20°21	7°37	9°50	26°55	17°15	17°20	1°45	19°33	S 5
M 6	3 3 41	14°15'22	22°40	14°10	22°20	2°19	20°56	20°20	7°35	9°50	26°55	17°16	17°16	1°52	19°30	M 6
T 7	3 7 38	15°15'28	4♋32	15°48	23°35	2°18	21° 2	20°20	7°33	9°49	26°55	17°16	17°13	1°58	19°27	T 7
W 8	3 11 35	16°15'35	16°32	17°24	24°49	2°16	21° 8	20°19	7°31	9°49	26°54	17°16	17°10	2° 5	19°24	W 8
T 9	3 15 31	17°15'45	28°42	19° 1	26° 4	2°13	21°13	20°18	7°30	9°48	26°54	17°R16	17° 7	2°11	19°21	T 9
F 10	3 19 28	18°15'57	11♌ 8	20°37	27°19	2° 9	21°18	20°17	7°28	9°48	26°54	17°16	17° 4	2°18	19°18	F 10
S 11	3 23 24	19°16'11	23°53	22°12	28°34	2° 5	21°24	20°16	7°26	9°48	26°53	17°D16	17° 0	2°25	19°15	S 11
S 12	3 27 21	20°16'27	7♍ 2	23°48	29°49	1°59	21°28	20°15	7°25	9°47	26°53	17°16	16°57	2°31	19°12	S 12
M13	3 31 17	21°16'44	20°36	25°23	1♏ 4	1°53	21°33	20°14	7°23	9°47	26°53	17°17	16°54	2°38	19° 8	M13
T 14	3 35 14	22°17'04	4♎37	26°57	2°19	1°46	21°38	20°12	7°22	9°47	26°52	17°17	16°51	2°45	19° 5	T 14
W15	3 39 10	23°17'26	19° 4	28°32	3°34	1°37	21°42	20°11	7°20	9°47	26°52	17°18	16°48	2°51	19° 2	W15
T 16	3 43 7	24°17'49	3♏54	0♐ 6	4°49	1°28	21°46	20° 9	7°19	9°46	26°51	17°18	16°45	2°58	18°59	T 16
F 17	3 47 4	25°18'15	19° 0	1°39	6° 4	1°18	21°51	20° 7	7°17	9°46	26°51	17°R18	16°41	3° 5	18°56	F 17
S 18	3 51 0	26°18'42	4♐13	3°13	7°19	1° 8	21°54	20° 6	7°16	9°46	26°50	17°18	16°38	3°11	18°53	S 18
S 19	3 54 57	27°19'11	19°24	4°46	8°34	0°56	21°58	20° 4	7°15	9°46	26°50	17°17	16°35	3°18	18°50	S 19
M20	3 58 53	28°19'41	4♑23	6°19	9°49	0°44	22° 2	20° 2	7°14	9°D46	26°49	17°16	16°32	3°25	18°47	M20
T 21	4 2 50	29°20'13	19° 3	7°52	11° 4	0°30	22° 5	20° 0	7°12	9°46	26°49	17°14	16°29	3°31	18°44	T 21
W22	4 6 46	0♐20'45	3♒17	9°24	12°19	0°16	22° 8	19°57	7°11	9°46	26°48	17°13	16°26	3°38	18°41	W22
T 23	4 10 43	1°21'19	17° 5	10°57	13°34	0° 1	22°11	19°55	7°10	9°46	26°47	17°12	16°22	3°45	18°38	T 23
F 24	4 14 39	2°21'54	0♓26	12°29	14°49	29♊46	22°14	19°53	7° 9	9°46	26°47	17°D11	16°19	3°51	18°35	F 24
S 25	4 18 36	3°22'30	13°23	14° 1	16° 4	29°29	22°17	19°50	7° 8	9°46	26°46	17°12	16°16	3°58	18°32	S 25
S 26	4 22 33	4°23'08	25°59	15°32	17°20	29°12	22°19	19°47	7° 7	9°47	26°45	17°13	16°13	4° 5	18°29	S 26
M27	4 26 29	5°23'46	8♈19	17° 4	18°35	28°54	22°21	19°45	7° 6	9°47	26°45	17°14	16°10	4°11	18°26	M27
T 28	4 30 26	6°24'26	20°25	18°35	19°50	28°36	22°23	19°42	7° 5	9°47	26°44	17°16	16° 6	4°18	18°23	T 28
W29	4 34 22	7°25'07	2♉22	20° 6	21° 5	28°17	22°25	19°39	7° 4	9°47	26°43	17°17	16° 3	4°24	18°21	W29
T 30	4 38 19	8♐25'49	14♉13	21♐37	22♏20	27♊57	22♌27	19♋36	7♈ 3	9♓48	26♋42	17°R18	16♏ 0	4♊31	18♉18	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14s34	11n 4	2n 9	12s44	0n48	4s51	1n36	24n 3	0n39	15n13	0n35	21n24	0s29	2n23	0s44	8s38	0s50	21n36	0n52	16s58	17s 3	19n12	15n28	2s17
T 2	14 53	14 20	1 6	13 23	0 42	5 20	1 36	24 6	0 42	15 11	0 35	21 24	0 29	2 23	0 44	8 38	0 50	21 36	0 52	16 58	17 2	19 12	15 27	2 17
F 3	15 11	16 58	0s 0	14 1	0 35	5 48	1 36	24 8	0 45	15 9	0 35	21 24	0 29	2 22	0 44	8 38	0 50	21 36	0 52	16 58	17 1	19 13	15 26	2 17
S 4	15 30	18 52	1 5	14 38	0 28	6 16	1 36	24 11	0 47	15 8	0 36	21 24	0 29	2 21	0 44	8 38	0 50	21 36	0 52	16 58	17 0	19 13	15 25	2 17
S 5	15 48	19 57	2 8	15 15	0 22	6 45	1 36	24 14	0 50	15 6	0 36	21 24	0 29	2 20	0 44	8 38	0 50	21 37	0 52	16 58	16 59	19 14	15 24	2 17
M 6	16 6	20 8	3 5	15 50	0 15	7 13	1 35	24 17	0 53	15 4	0 36	21 24	0 29	2 20	0 44	8 39	0 50	21 37	0 53	16 58	16 58	19 14	15 23	2 17
T 7	16 24	19 26	3 54	16 25	0 8	7 41	1 35	24 20	0 56	15 3	0 36	21 24	0 29	2 19	0 44	8 39	0 50	21 37	0 53	16 58	16 57	19 15	15 22	2 17
W 8	16 41	17 52	4 34	16 59	0 1	8 8	1 34	24 23	0 59	15 1	0 36	21 24	0 29	2 18	0 44	8 39	0 50	21 37	0 53	16 58	16 57	19 15	15 21	2 17
T 9	16 58	15 28	5 2	17 33	0s 5	8 36	1 34	24 25	1 2	14 59	0 37	21 24	0 29	2 18	0 44	8 39	0 50	21 37	0 53	16 58	16 56	19 16	15 20	2 17
F 10	17 15	12 20	5 16	18 5	0 12	9 3	1 33	24 28	1 5	14 58	0 37	21 25	0 29	2 17	0 44	8 39	0 50	21 37	0 53	16 58	16 55	19 16	15 19	2 18
S 11	17 32	8 34	5 16	18 36	0 19	9 31	1 33	24 32	1 8	14 57	0 37	21 25	0 29	2 17	0 44	8 39	0 50	21 37	0 53	16 58	16 54	19 17	15 19	2 18
S 12	17 48	4 17	5 0	19 7	0 26	9 58	1 32	24 35	1 11	14 55	0 37	21 25	0 29	2 16	0 44	8 39	0 50	21 38	0 53	16 58	16 53	19 17	15 18	2 18
M13	18 4	0s21	4 26	19 36	0 32	10 25	1 31	24 38	1 14	14 54	0 38	21 25	0 28	2 15	0 44	8 40	0 50	21 38	0 53	16 58	16 52	19 18	15 17	2 18
T 14	18 19	5 8	3 36	20 5	0 39	10 51	1 30	24 41	1 17	14 53	0 38	21 26	0 28	2 15	0 44	8 40	0 50	21 38	0 53	16 59	16 51	19 18	15 16	2 18
W15	18 35	9 47	2 31	20 32	0 45	11 17	1 29	24 44	1 20	14 51	0 38	21 26	0 28	2 14	0 44	8 40	0 50	21 38	0 53	16 59	16 50	19 18	15 15	2 18
T 16	18 50	13 58	1 14	20 59	0 51	11 44	1 28	24 47	1 23	14 50	0 38	21 26	0 28	2 14	0 44	8 40	0 50	21 38	0 53	16 59	16 49	19 19	15 14	2 18
F 17	19 4	17 18	0n 9	21 25	0 57	12 9	1 27	24 50	1 26	14 49	0 38	21 26	0 28	2 13	0 44	8 40	0 50	21 38	0 54	16 59	16 48	19 19	15 13	2 18
S 18	19 18	19 27	1 33	21 49	1 4	12 35	1 26	24 54	1 29	14 48	0 39	21 27	0 28	2 13	0 44	8 40	0 50	21 39	0 54	16 59	16 48	19 20	15 12	2 18
S 19	19 32	20 11	2 49	22 12	1 9	13 0	1 25	24 57	1 32	14 47	0 39	21 27	0 28	2 12	0 44	8 40	0 50	21 39	0 54	16 59	16 47	19 20	15 11	2 18
M20	19 46	19 28	3 53	22 35	1 15	13 25	1 24	25 0	1 35	14 46	0 39	21 28	0 28	2 12	0 44	8 40	0 49	21 39	0 54	16 58	16 46	19 21	15 10	2 18
T 21	19 59	17 27	4 40	22 56	1 21	13 50	1 22	25 3	1 38	14 45	0 39	21 28	0 28	2 11	0 44	8 40	0 49	21 39	0 54	16 58	16 45	19 21	15 10	2 18
W22	20 12	14 24	5 8	23 16	1 26	14 14	1 21	25 6	1 41	14 44	0 39	21 28	0 28	2 11	0 44	8 40	0 49	21 39	0 54	16 57	16 44	19 21	15 9	2 19
T 23	20 25	10 39	5 17	23 34	1 32	14 38	1 19	25 9	1 44	14 44	0 40	21 29	0 28	2 10	0 44	8 40	0 49	21 40	0 54	16 57	16 43	19 22	15 8	2 19
F 24	20 37	6 29	5 9	23 52	1 37	15 1	1 18	25 12	1 47	14 43	0 40	21 29	0 28	2 10	0 44	8 40	0 49	21 40	0 54	16 57	16 42	19 22	15 7	2 19
S 25	20 48	2 8	4 45	24 9	1 42	15 25	1 16	25 15	1 51	14 42	0 40	21 30	0 28	2 10	0 43	8 40	0 49	21 40	0 54	16 57	16 41	19 23	15 6	2 19
S 26	21 0	2n12	4 7	24 24	1 47	15 47	1 15	25 18	1 54	14 42	0 40	21 30	0 28	2 9	0 43	8 39	0 49	21 40	0 54	16 57	16 40	19 23	15 5	2 19
M27	21 11	6 21	3 19	24 38	1 51	16 10	1 13	25 21	1 57	14 41	0 41	21 30	0 28	2 9	0 43	8 39	0 49	21 40	0 54	16 58	16 39	19 23	15 4	2 19
T 28	21 21	10 11	2 23	24 50	1 55	16 32	1 11	25 24	2 0	14 41	0 41	21 31	0 28	2 9	0 43	8 39	0 49	21 41	0 54	16 58	16 38	19 24	15 4	2 19
W29	21 31	13 33	1 22	25 2	1 59	16 53	1 10	25 27	2 3	14 40	0 41	21 31	0 28	2 8	0 43	8 39	0 49	21 41	0 55	16 59	16 38	19 24	15 3	2 19
T 30	21s41	16n21	0n17	25s12	2s 3	17s14	1n 8	25n29	2n 5	14n40	0n41	21n32	0s27	2n 8	0s43	8s39	0s49	21n41	0n55	16s59	16s37	19n25	15n 2	2s19

Julian Day Number = 2517593.5, Delta T = 145.42 sec
Ecliptic obliquity = 23°24'51, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°16'02, Lahiri = 26°23'03

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2180
geocentric

DECEMBER 2180 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 42 15	9♐26'32	26♉ 1	23♐ 7	23♏36	27°R37	22♌28	19°R33	7°R 3	9♓48	26°R41	17°R17	15♏57	4♊38	18°R15	F 1
S 2	4 46 12	10°27'16	7♊49	24°37	24°51	27♊17	22°30	19♋30	7♈ 2	9°48	26♋41	17♏16	15°54	4°44	18♉12	S 2
S 3	4 50 8	11°28'02	19°39	26° 7	26° 6	26°55	22°31	19°26	7° 1	9°49	26°40	17°13	15°51	4°51	18° 9	S 3
M 4	4 54 5	12°28'49	1♋32	27°37	27°22	26°34	22°32	19°23	7° 1	9°49	26°39	17° 9	15°47	4°58	18° 7	M 4
T 5	4 58 2	13°29'37	13°31	29° 6	28°37	26°12	22°32	19°19	7° 0	9°50	26°38	17° 5	15°44	5° 4	18° 4	T 5
W 6	5 1 58	14°30'26	25°38	0♌35	29°52	25°50	22°33	19°16	7° 0	9°50	26°37	17° 0	15°41	5°11	18° 1	W 6
T 7	5 5 55	15°31'17	7♌54	2° 3	1♐ 8	25°27	22°33	19°12	6°59	9°51	26°36	16°55	15°38	5°18	17°58	T 7
F 8	5 9 51	16°32'09	20°23	3°30	2°23	25° 4	22°R33	19° 9	6°59	9°51	26°35	16°52	15°35	5°24	17°56	F 8
S 9	5 13 48	17°33'02	3♍ 7	4°57	3°38	24°41	22°33	19° 5	6°58	9°52	26°34	16°49	15°32	5°31	17°53	S 9
S 10	5 17 44	18°33'57	16°10	6°23	4°54	24°18	22°33	19° 1	6°58	9°53	26°33	16°D48	15°28	5°38	17°51	S 10
M11	5 21 41	19°34'52	29°33	7°47	6° 9	23°54	22°32	18°57	6°58	9°53	26°32	16°49	15°25	5°44	17°48	M11
T 12	5 25 37	20°35'49	13♎20	9°11	7°24	23°31	22°32	18°53	6°57	9°54	26°31	16°50	15°22	5°51	17°46	T 12
W13	5 29 34	21°36'47	27°32	10°33	8°40	23° 8	22°31	18°49	6°57	9°55	26°30	16°51	15°19	5°58	17°43	W13
T 14	5 33 31	22°37'47	12♏ 7	11°53	9°55	22°44	22°30	18°45	6°57	9°56	26°29	16°R52	15°16	6° 4	17°41	T 14
F 15	5 37 27	23°38'47	27° 1	13°12	11°11	22°21	22°29	18°41	6°57	9°56	26°28	16°52	15°12	6°11	17°39	F 15
S 16	5 41 24	24°39'49	12♐ 9	14°28	12°26	21°58	22°27	18°36	6°D57	9°57	26°27	16°50	15° 9	6°18	17°36	S 16
S 17	5 45 20	25°40'51	27°21	15°42	13°41	21°35	22°25	18°32	6°57	9°58	26°26	16°46	15° 6	6°24	17°34	S 17
M18	5 49 17	26°41'55	12♑27	16°52	14°57	21°13	22°24	18°28	6°57	9°59	26°25	16°40	15° 3	6°31	17°32	M18
T 19	5 53 13	27°42'58	27°18	17°59	16°12	20°50	22°22	18°23	6°57	10° 0	26°24	16°34	15° 0	6°38	17°30	T 19
W20	5 57 10	28°44'02	11♒45	19° 2	17°28	20°28	22°19	18°19	6°58	10° 1	26°23	16°27	14°57	6°44	17°27	W20
T 21	6 1 7	29°45'07	25°45	19°59	18°43	20° 7	22°17	18°14	6°58	10° 2	26°22	16°21	14°53	6°51	17°25	T 21
F 22	6 5 3	0♑46'12	9♓15	20°52	19°59	19°46	22°14	18°10	6°58	10° 3	26°21	16°17	14°50	6°58	17°23	F 22
S 23	6 9 0	1°47'17	22°17	21°38	21°14	19°25	22°11	18° 5	6°59	10° 4	26°19	16°15	14°47	7° 4	17°21	S 23
S 24	6 12 56	2°48'22	4♈54	22°17	22°30	19° 5	22° 8	18° 0	6°59	10° 5	26°18	16°D14	14°44	7°11	17°19	S 24
M25	6 16 53	3°49'28	17°12	22°48	23°45	18°46	22° 5	17°56	6°59	10° 6	26°17	16°15	14°41	7°18	17°17	M25
T 26	6 20 49	4°50'33	29°14	23°10	25° 1	18°27	22° 2	17°51	7° 0	10° 8	26°16	16°16	14°38	7°24	17°16	T 26
W27	6 24 46	5°51'39	11♉ 6	23°22	26°16	18° 8	21°58	17°46	7° 1	10° 9	26°15	16°R18	14°34	7°31	17°14	W27
T 28	6 28 42	6°52'46	22°54	23°R24	27°31	17°51	21°54	17°41	7° 1	10°10	26°14	16°17	14°31	7°37	17°12	T 28
F 29	6 32 39	7°53'52	4♊41	23°14	28°47	17°34	21°51	17°37	7° 2	10°11	26°12	16°15	14°28	7°44	17°10	F 29
S 30	6 36 36	8°54'58	16°30	22°53	0♑ 2	17°18	21°46	17°32	7° 3	10°13	26°11	16°11	14°25	7°51	17° 9	S 30
S 31	6 40 32	9♑56'05	28♊25	22♑20	1♑18	17♊ 2	21♌42	17♋27	7♈ 3	10♓14	26♋10	16♏ 4	14♏22	7♊57	17♉ 7	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21s51	18n28	0s48	25s20	2s 6	17s35	1n 6	25n32	2n 8	14n40	0n42	21n32	0s27	2n 8	0s43	8s39	0s49	21n41	0n55	16s59	16s36	19n25	15n 1	2s19
S 2	22 0	19 46	1 51	25 28	2 10	17 55	1 4	25 34	2 11	14 40	0 42	21 33	0 27	2 8	0 43	8 39	0 49	21 42	0 55	16 58	16 35	19 25	15 0	2 19
S 3	22 8	20 12	2 49	25 34	2 12	18 15	1 2	25 37	2 14	14 39	0 42	21 33	0 27	2 7	0 43	8 38	0 49	21 42	0 55	16 57	16 34	19 26	15 0	2 19
M 4	22 16	19 44	3 40	25 38	2 15	18 34	1 0	25 39	2 17	14 39	0 42	21 34	0 27	2 7	0 43	8 38	0 49	21 42	0 55	16 56	16 33	19 26	14 59	2 19
T 5	22 24	18 23	4 22	25 42	2 17	18 53	0 58	25 41	2 20	14 39	0 42	21 35	0 27	2 7	0 43	8 38	0 49	21 42	0 55	16 55	16 32	19 26	14 58	2 19
W 6	22 31	16 12	4 52	25 43	2 19	19 11	0 56	25 43	2 22	14 39	0 43	21 35	0 27	2 7	0 43	8 38	0 49	21 43	0 55	16 54	16 31	19 27	14 57	2 19
T 7	22 38	13 17	5 10	25 44	2 20	19 29	0 54	25 45	2 25	14 39	0 43	21 36	0 27	2 7	0 43	8 38	0 49	21 43	0 55	16 52	16 30	19 27	14 56	2 19
F 8	22 44	9 44	5 13	25 43	2 21	19 46	0 52	25 47	2 27	14 40	0 43	21 36	0 27	2 7	0 43	8 37	0 49	21 43	0 55	16 51	16 29	19 28	14 56	2 19
S 9	22 50	5 40	5 1	25 40	2 21	20 2	0 50	25 48	2 30	14 40	0 43	21 37	0 27	2 6	0 43	8 37	0 49	21 43	0 55	16 51	16 28	19 28	14 55	2 19
S 10	22 55	1 15	4 33	25 36	2 21	20 18	0 48	25 49	2 32	14 40	0 44	21 38	0 27	2 6	0 43	8 37	0 49	21 44	0 55	16 50	16 27	19 28	14 54	2 19
M11	23 0	3s21	3 50	25 31	2 20	20 34	0 46	25 51	2 34	14 41	0 44	21 38	0 27	2 6	0 43	8 37	0 49	21 44	0 55	16 50	16 26	19 29	14 54	2 19
T 12	23 5	7 55	2 53	25 24	2 19	20 48	0 43	25 52	2 37	14 41	0 44	21 39	0 27	2 6	0 43	8 36	0 49	21 44	0 56	16 51	16 26	19 29	14 53	2 19
W13	23 9	12 12	1 44	25 16	2 17	21 3	0 41	25 53	2 39	14 42	0 44	21 39	0 26	2 6	0 43	8 36	0 49	21 44	0 56	16 51	16 25	19 29	14 52	2 19
T 14	23 13	15 52	0 26	25 7	2 15	21 16	0 39	25 54	2 41	14 42	0 45	21 40	0 26	2 6	0 43	8 36	0 49	21 45	0 56	16 52	16 24	19 30	14 52	2 19
F 15	23 16	18 35	0n55	24 56	2 11	21 29	0 37	25 54	2 43	14 43	0 45	21 41	0 26	2 6	0 43	8 35	0 49	21 45	0 56	16 51	16 23	19 30	14 51	2 19
S 16	23 18	20 1	2 13	24 44	2 7	21 42	0 34	25 55	2 45	14 43	0 45	21 41	0 26	2 6	0 43	8 35	0 49	21 45	0 56	16 51	16 22	19 30	14 50	2 19
S 17	23 21	20 1	3 23	24 31	2 2	21 53	0 32	25 55	2 47	14 44	0 45	21 42	0 26	2 6	0 43	8 35	0 49	21 46	0 56	16 50	16 21	19 31	14 50	2 19
M18	23 22	18 34	4 17	24 17	1 57	22 4	0 30	25 56	2 49	14 45	0 45	21 43	0 26	2 6	0 43	8 34	0 49	21 46	0 56	16 48	16 20	19 31	14 49	2 19
T 19	23 24	15 53	4 53	24 1	1 50	22 15	0 27	25 56	2 50	14 46	0 46	21 43	0 26	2 6	0 43	8 34	0 49	21 46	0 56	16 46	16 19	19 31	14 48	2 19
W20	23 24	12 18	5 9	23 45	1 42	22 25	0 25	25 56	2 52	14 47	0 46	21 44	0 26	2 7	0 43	8 34	0 49	21 46	0 56	16 44	16 18	19 31	14 48	2 19
T 21	23 25	8 7	5 6	23 28	1 33	22 34	0 22	25 56	2 53	14 48	0 46	21 45	0 26	2 7	0 42	8 33	0 49	21 47	0 56	16 43	16 17	19 32	14 47	2 19
F 22	23 25	3 41	4 46	23 10	1 24	22 42	0 20	25 55	2 55	14 49	0 46	21 46	0 26	2 7	0 42	8 33	0 49	21 47	0 56	16 41	16 16	19 32	14 47	2 19
S 23	23 24	0n47	4 11	22 52	1 13	22 50	0 18	25 55	2 56	14 50	0 47	21 46	0 26	2 7	0 42	8 32	0 49	21 47	0 56	16 41	16 15	19 32	14 46	2 19
S 24	23 23	5 5	3 25	22 34	1 0	22 57	0 15	25 54	2 57	14 51	0 47	21 47	0 26	2 7	0 42	8 32	0 49	21 48	0 57	16 41	16 14	19 33	14 46	2 19
M25	23 22	9 4	2 31	22 16	0 47	23 3	0 13	25 54	2 58	14 53	0 47	21 48	0 25	2 7	0 42	8 31	0 49	21 48	0 57	16 41	16 13	19 33	14 45	2 19
T 26	23 20	12 36	1 31	21 58	0 32	23 9	0 10	25 53	2 59	14 54	0 47	21 48	0 25	2 8	0 42	8 31	0 49	21 48	0 57	16 41	16 13	19 33	14 45	2 19
W27	23 17	15 35	0 28	21 40	0 17	23 14	0 8	25 53	3 0	14 55	0 48	21 49	0 25	2 8	0 42	8 31	0 49	21 48	0 57	16 42	16 12	19 33	14 44	2 19
T 28	23 14	17 54	0s36	21 23	0n 0	23 18	0 5	25 52	3 1	14 57	0 48	21 50	0 25	2 8	0 42	8 30	0 49	21 49	0 57	16 42	16 11	19 34	14 44	2 19
F 29	23 11	19 27	1 37	21 7	0 18	23 22	0 3	25 51	3 2	14 58	0 48	21 51	0 25	2 9	0 42	8 30	0 49	21 49	0 57	16 41	16 10	19 34	14 43	2 19
S 30	23 7	20 9	2 35	20 52	0 37	23 24	0 1	25 50	3 3	15 0	0 48	21 51	0 25	2 9	0 42	8 29	0 49	21 49	0 57	16 40	16 9	19 34	14 43	2 19
S 31	23s 3	19n58	3s26	20s38	0n57	23s26	0s 2	25n49	3n 3	15n 1	0n48	21n52	0s25	2n 9	0s42	8s29	0s49	21n50	0n57	16s38	16s 8	19n34	14n42	2s19

Julian Day Number = 2517623.5, Delta T = 145.49 sec
Ecliptic obliquity = 23°24'50, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°16'06, Lahiri = 26°23'07

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2181
geocentric

JANUARY 2181 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 44 29	10♑57'12	10♋26	21°R35	2♑33	16°R47	21°R38	17°R22	7♈ 4	10♓15	26°R 9	15°R55	14♏18	8♊ 4	17°R 6	M 1
T 2	6 48 25	11°58'19	22°37	20♑39	3°49	16♊33	21♌33	17♋17	7° 5	10°17	26♋ 7	15♏44	14°15	8°11	17♉ 4	T 2
W 3	6 52 22	12°59'26	4♌57	19°34	5° 4	16°20	21°28	17°12	7° 6	10°18	26° 6	15°33	14°12	8°17	17° 3	W 3
T 4	6 56 18	14° 0'34	17°27	18°21	6°20	16° 7	21°23	17° 7	7° 7	10°19	26° 5	15°22	14° 9	8°24	17° 2	T 4
F 5	7 0 15	15° 1'41	0♍ 8	17° 3	7°35	15°56	21°18	17° 2	7° 8	10°21	26° 4	15°12	14° 6	8°31	17° 0	F 5
S 6	7 4 11	16° 2'49	13° 1	15°42	8°51	15°45	21°13	16°57	7° 9	10°22	26° 2	15° 5	14° 3	8°37	16°59	S 6
S 7	7 8 8	17° 3'57	26° 8	14°21	10° 6	15°34	21° 7	16°52	7°10	10°24	26° 1	15° 0	13°59	8°44	16°58	S 7
M 8	7 12 5	18° 5'05	9♎29	13° 3	11°22	15°25	21° 2	16°47	7°11	10°25	26° 0	14°58	13°56	8°51	16°57	M 8
T 9	7 16 1	19° 6'14	23° 7	11°49	12°37	15°17	20°56	16°42	7°12	10°27	25°58	14°D58	13°53	8°57	16°56	T 9
W10	7 19 58	20° 7'22	7♏ 4	10°42	13°53	15° 9	20°50	16°38	7°14	10°29	25°57	14°59	13°50	9° 4	16°55	W10
T 11	7 23 54	21° 8'31	21°19	9°43	15° 8	15° 2	20°44	16°33	7°15	10°30	25°56	14°R59	13°47	9°11	16°54	T 11
F 12	7 27 51	22° 9'40	5♐52	8°53	16°24	14°56	20°38	16°28	7°16	10°32	25°55	14°57	13°44	9°17	16°53	F 12
S 13	7 31 47	23°10'50	20°39	8°13	17°39	14°51	20°32	16°23	7°18	10°34	25°53	14°53	13°40	9°24	16°52	S 13
S 14	7 35 44	24°11'59	5♑33	7°43	18°54	14°46	20°25	16°18	7°19	10°35	25°52	14°46	13°37	9°31	16°51	S 14
M15	7 39 40	25°13'08	20°27	7°22	20°10	14°43	20°19	16°13	7°21	10°37	25°51	14°36	13°34	9°37	16°51	M15
T 16	7 43 37	26°14'16	5♒12	7°12	21°25	14°40	20°12	16° 8	7°22	10°39	25°49	14°25	13°31	9°44	16°50	T 16
W17	7 47 34	27°15'24	19°38	7°D10	22°41	14°38	20° 5	16° 3	7°24	10°40	25°48	14°13	13°28	9°51	16°50	W17
T 18	7 51 30	28°16'31	3♓41	7°16	23°56	14°37	19°58	15°59	7°26	10°42	25°47	14° 2	13°24	9°57	16°49	T 18
F 19	7 55 27	29°17'38	17°17	7°30	25°12	14°D36	19°51	15°54	7°27	10°44	25°46	13°54	13°21	10° 4	16°49	F 19
S 20	7 59 23	0♒18'44	0♈24	7°52	26°27	14°37	19°44	15°49	7°29	10°46	25°44	13°47	13°18	10°11	16°48	S 20
S 21	8 3 20	1°19'49	13° 6	8°19	27°43	14°38	19°37	15°44	7°31	10°48	25°43	13°44	13°15	10°17	16°48	S 21
M22	8 7 16	2°20'54	25°27	8°53	28°58	14°40	19°30	15°40	7°33	10°50	25°42	13°43	13°12	10°24	16°48	M22
T 23	8 11 13	3°21'58	7♉31	9°32	0♒14	14°42	19°22	15°35	7°34	10°51	25°40	13°43	13° 9	10°31	16°48	T 23
W24	8 15 9	4°23'00	19°24	10°15	1°29	14°46	19°15	15°31	7°36	10°53	25°39	13°42	13° 5	10°37	16°47	W24
T 25	8 19 6	5°24'02	1♊11	11° 3	2°44	14°50	19° 7	15°26	7°38	10°55	25°38	13°41	13° 2	10°44	16°D47	T 25
F 26	8 23 3	6°25'03	12°59	11°55	4° 0	14°55	19° 0	15°22	7°40	10°57	25°36	13°38	12°59	10°51	16°47	F 26
S 27	8 26 59	7°26'03	24°51	12°51	5°15	15° 0	18°52	15°17	7°42	10°59	25°35	13°32	12°56	10°57	16°47	S 27
S 28	8 30 56	8°27'02	6♋51	13°49	6°31	15° 6	18°44	15°13	7°44	11° 1	25°34	13°23	12°53	11° 4	16°48	S 28
M29	8 34 52	9°28'00	19° 2	14°51	7°46	15°13	18°37	15° 9	7°47	11° 3	25°33	13°12	12°50	11°11	16°48	M29
T 30	8 38 49	10°28'57	1♌25	15°55	9° 1	15°21	18°29	15° 4	7°49	11° 5	25°31	12°58	12°46	11°17	16°48	T 30
W31	8 42 45	11♒29'53	14♌ 2	17♑ 1	10♒17	15♊29	18♌21	15♋ 0	7♈51	11♓ 7	25♋30	12♏44	12♏43	11♊24	16♉48	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22s58	18n52	4s 9	20s26	1n16	23s28	0s 4	25n48	3n 4	15n 3	0n49	21n53	0s25	2n10	0s42	8s28	0s49	21n50	0n57	16s35	16s 7	19n35	14n42	2s19
T 2	22 53	16 54	4 40	20 15	1 36	23 28	0 7	25 48	3 4	15 5	0 49	21 53	0 25	2 10	0 42	8 28	0 49	21 50	0 57	16 32	16 6	19 35	14 42	2 19
W 3	22 47	14 10	4 59	20 6	1 54	23 28	0 9	25 47	3 5	15 6	0 49	21 54	0 25	2 10	0 42	8 27	0 49	21 51	0 57	16 29	16 5	19 35	14 41	2 19
T 4	22 41	10 45	5 4	19 58	2 12	23 27	0 12	25 46	3 5	15 8	0 49	21 55	0 24	2 11	0 42	8 26	0 49	21 51	0 57	16 25	16 4	19 35	14 41	2 19
F 5	22 34	6 49	4 54	19 52	2 29	23 26	0 14	25 45	3 5	15 10	0 50	21 56	0 24	2 11	0 42	8 26	0 49	21 51	0 57	16 23	16 3	19 36	14 41	2 19
S 6	22 27	2 31	4 29	19 48	2 43	23 23	0 16	25 44	3 6	15 12	0 50	21 56	0 24	2 12	0 42	8 25	0 49	21 52	0 57	16 21	16 2	19 36	14 40	2 19
S 7	22 20	1s59	3 50	19 44	2 55	23 20	0 19	25 43	3 6	15 14	0 50	21 57	0 24	2 12	0 42	8 25	0 49	21 52	0 58	16 19	16 1	19 36	14 40	2 19
M 8	22 12	6 29	2 58	19 43	3 5	23 17	0 21	25 42	3 6	15 16	0 50	21 58	0 24	2 13	0 42	8 24	0 49	21 52	0 58	16 19	16 0	19 36	14 40	2 19
T 9	22 3	10 44	1 54	19 42	3 12	23 12	0 23	25 41	3 6	15 18	0 50	21 59	0 24	2 13	0 42	8 23	0 49	21 52	0 58	16 19	15 59	19 37	14 40	2 19
W10	21 54	14 31	0 42	19 43	3 17	23 7	0 26	25 40	3 6	15 20	0 51	21 59	0 24	2 14	0 42	8 23	0 49	21 53	0 58	16 19	15 58	19 37	14 39	2 19
T 11	21 45	17 32	0n34	19 45	3 19	23 1	0 28	25 39	3 6	15 22	0 51	22 0	0 24	2 14	0 42	8 22	0 49	21 53	0 58	16 19	15 57	19 37	14 39	2 18
F 12	21 36	19 29	1 49	19 49	3 19	22 55	0 30	25 38	3 6	15 24	0 51	22 1	0 24	2 15	0 42	8 22	0 49	21 53	0 58	16 18	15 57	19 37	14 39	2 18
S 13	21 26	20 8	2 58	19 53	3 17	22 47	0 32	25 38	3 6	15 26	0 51	22 1	0 23	2 15	0 42	8 21	0 49	21 54	0 58	16 17	15 56	19 37	14 39	2 18
S 14	21 15	19 23	3 55	19 58	3 13	22 39	0 35	25 37	3 5	15 29	0 51	22 2	0 23	2 16	0 42	8 20	0 49	21 54	0 58	16 15	15 55	19 38	14 39	2 18
M15	21 4	17 19	4 36	20 5	3 8	22 31	0 37	25 36	3 5	15 31	0 52	22 3	0 23	2 17	0 41	8 20	0 49	21 54	0 58	16 12	15 54	19 38	14 38	2 18
T 16	20 53	14 8	4 58	20 12	3 2	22 21	0 39	25 36	3 5	15 33	0 52	22 3	0 23	2 17	0 41	8 19	0 49	21 55	0 58	16 9	15 53	19 38	14 38	2 18
W17	20 41	10 9	5 1	20 19	2 54	22 11	0 41	25 35	3 4	15 36	0 52	22 4	0 23	2 18	0 41	8 18	0 49	21 55	0 58	16 5	15 52	19 38	14 38	2 18
T 18	20 29	5 43	4 45	20 27	2 46	22 0	0 43	25 34	3 4	15 38	0 52	22 5	0 23	2 19	0 41	8 18	0 49	21 55	0 58	16 2	15 51	19 38	14 38	2 18
F 19	20 17	1 8	4 13	20 35	2 37	21 49	0 45	25 34	3 4	15 40	0 52	22 5	0 23	2 19	0 41	8 17	0 49	21 56	0 58	15 59	15 50	19 39	14 38	2 18
S 20	20 4	3n21	3 28	20 43	2 28	21 37	0 47	25 34	3 3	15 43	0 52	22 6	0 23	2 20	0 41	8 16	0 49	21 56	0 58	15 58	15 49	19 39	14 38	2 18
S 21	19 51	7 33	2 35	20 51	2 18	21 24	0 49	25 33	3 3	15 45	0 53	22 7	0 23	2 21	0 41	8 16	0 49	21 56	0 58	15 57	15 48	19 39	14 38	2 18
M22	19 37	11 19	1 35	20 59	2 9	21 11	0 51	25 33	3 2	15 48	0 53	22 7	0 22	2 22	0 41	8 15	0 49	21 56	0 59	15 56	15 47	19 39	14 38	2 18
T 23	19 23	14 31	0 33	21 6	1 58	20 57	0 53	25 33	3 2	15 50	0 53	22 8	0 22	2 22	0 41	8 14	0 49	21 57	0 59	15 56	15 46	19 39	14 38	2 18
W24	19 9	17 5	0s30	21 13	1 48	20 42	0 55	25 33	3 1	15 53	0 53	22 9	0 22	2 23	0 41	8 13	0 48	21 57	0 59	15 56	15 45	19 39	14 38	2 18
T 25	18 54	18 53	1 31	21 20	1 38	20 27	0 57	25 32	3 0	15 55	0 53	22 9	0 22	2 24	0 41	8 13	0 48	21 57	0 59	15 56	15 44	19 40	14 38	2 18
F 26	18 39	19 53	2 28	21 25	1 28	20 11	0 59	25 32	3 0	15 58	0 53	22 10	0 22	2 25	0 41	8 12	0 48	21 58	0 59	15 55	15 43	19 40	14 38	2 18
S 27	18 24	20 0	3 19	21 30	1 18	19 55	1 0	25 32	2 59	16 0	0 54	22 11	0 22	2 26	0 41	8 11	0 48	21 58	0 59	15 53	15 42	19 40	14 38	2 18
S 28	18 8	19 13	4 2	21 35	1 7	19 38	1 2	25 32	2 59	16 3	0 54	22 11	0 22	2 26	0 41	8 10	0 48	21 58	0 59	15 50	15 41	19 40	14 38	2 18
M29	17 52	17 32	4 34	21 38	0 58	19 20	1 4	25 33	2 58	16 5	0 54	22 12	0 22	2 27	0 41	8 10	0 48	21 59	0 59	15 47	15 40	19 40	14 38	2 18
T 30	17 36	15 2	4 54	21 41	0 48	19 2	1 5	25 33	2 57	16 8	0 54	22 12	0 21	2 28	0 41	8 9	0 48	21 59	0 59	15 43	15 39	19 40	14 38	2 17
W31	17s19	11n49	5s 0	21s42	0n38	18s43	1s 7	25n33	2n57	16n10	0n54	22n13	0s21	2n29	0s41	8s 8	0s48	21n59	0n59	15s39	15s38	19n40	14n39	2s17

Julian Day Number = 2517654.5, Delta T = 145.56 sec
Ecliptic obliquity = 23°24'49, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°16'11, Lahiri = 26°23'11

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2181
geocentric

FEBRUARY 2181 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 46 42	12♒30'48	26♌51	18♉10	11♒32	15♊38	18°R13	14°R56	7♈53	11♓ 9	25°R29	12°R30	12♏40	11♊31	16♉49	T 1
F 2	8 50 38	13°31'43	9♍53	19°21	12°47	15°47	18♌ 5	14♋52	7°55	11°11	25♋28	12♏18	12°37	11°37	16°49	F 2
S 3	8 54 35	14°32'36	23° 5	20°33	14° 3	15°57	17°57	14°48	7°58	11°13	25°27	12° 8	12°34	11°44	16°50	S 3
S 4	8 58 32	15°33'29	6♎28	21°47	15°18	16° 8	17°49	14°44	8° 0	11°16	25°25	12° 2	12°30	11°51	16°50	S 4
M 5	9 2 28	16°34'20	20° 1	23° 3	16°33	16°19	17°41	14°40	8° 3	11°18	25°24	11°58	12°27	11°57	16°51	M 5
T 6	9 6 25	17°35'11	3♏43	24°21	17°49	16°30	17°33	14°37	8° 5	11°20	25°23	11°57	12°24	12° 4	16°52	T 6
W 7	9 10 21	18°36'02	17°36	25°39	19° 4	16°43	17°25	14°33	8° 7	11°22	25°22	11°57	12°21	12°11	16°53	W 7
T 8	9 14 18	19°36'51	1♐40	26°59	20°19	16°55	17°17	14°29	8°10	11°24	25°21	11°57	12°18	12°17	16°53	T 8
F 9	9 18 14	20°37'40	15°54	28°21	21°35	17° 9	17° 9	14°26	8°12	11°26	25°19	11°55	12°15	12°24	16°54	F 9
S 10	9 22 11	21°38'28	0♑17	29°43	22°50	17°23	17° 1	14°22	8°15	11°28	25°18	11°50	12°11	12°31	16°55	S 10
S 11	9 26 7	22°39'14	14°45	1♒ 7	24° 5	17°37	16°53	14°19	8°18	11°30	25°17	11°43	12° 8	12°37	16°56	S 11
M12	9 30 4	23°40'00	29°13	2°31	25°20	17°52	16°45	14°16	8°20	11°33	25°16	11°33	12° 5	12°44	16°57	M12
T 13	9 34 1	24°40'44	13♒35	3°57	26°36	18° 7	16°37	14°13	8°23	11°35	25°15	11°22	12° 2	12°51	16°59	T 13
W14	9 37 57	25°41'28	27°44	5°24	27°51	18°23	16°30	14°10	8°26	11°37	25°14	11° 9	11°59	12°57	17° 0	W14
T 15	9 41 54	26°42'09	11♓35	6°51	29° 6	18°39	16°22	14° 7	8°28	11°39	25°13	10°58	11°56	13° 4	17° 1	T 15
F 16	9 45 50	27°42'50	25° 4	8°20	0♓21	18°56	16°14	14° 4	8°31	11°42	25°12	10°48	11°52	13°11	17° 2	F 16
S 17	9 49 47	28°43'28	8♈10	9°50	1°37	19°13	16° 6	14° 1	8°34	11°44	25°10	10°41	11°49	13°17	17° 4	S 17
S 18	9 53 43	29°44'06	20°53	11°20	2°52	19°31	15°59	13°58	8°37	11°46	25° 9	10°37	11°46	13°24	17° 5	S 18
M19	9 57 40	0♓44'41	3♉15	12°52	4° 7	19°49	15°51	13°56	8°40	11°48	25° 8	10°35	11°43	13°31	17° 7	M19
T 20	10 1 36	1°45'15	15°22	14°24	5°22	20° 8	15°44	13°53	8°42	11°50	25° 7	10°D35	11°40	13°37	17° 8	T 20
W21	10 5 33	2°45'47	27°17	15°57	6°37	20°27	15°37	13°51	8°45	11°53	25° 6	10°R36	11°36	13°44	17°10	W21
T 22	10 9 30	3°46'17	9♊ 6	17°31	7°52	20°46	15°29	13°48	8°48	11°55	25° 5	10°36	11°33	13°51	17°12	T 22
F 23	10 13 26	4°46'46	20°55	19° 7	9° 8	21° 6	15°22	13°46	8°51	11°57	25° 4	10°34	11°30	13°57	17°13	F 23
S 24	10 17 23	5°47'12	2♋49	20°43	10°23	21°26	15°15	13°44	8°54	12° 0	25° 4	10°30	11°27	14° 4	17°15	S 24
S 25	10 21 19	6°47'37	14°53	22°20	11°38	21°46	15° 8	13°42	8°57	12° 2	25° 3	10°24	11°24	14°11	17°17	S 25
M26	10 25 16	7°48'00	27°10	23°58	12°53	22° 7	15° 1	13°40	9° 0	12° 4	25° 2	10°16	11°21	14°17	17°19	M26
T 27	10 29 12	8°48'21	9♌43	25°37	14° 8	22°28	14°54	13°38	9° 3	12° 6	25° 1	10° 5	11°17	14°24	17°21	T 27
W28	10 33 9	9♓48'41	22♌33	27♒17	15♓23	22♊49	14♌48	13♋37	9♈ 6	12♓ 9	25♋ 0	9♏54	11♏14	14♊31	17♉23	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s 2	7n59	4s51	21s43	0n29	18s24	1s 8	25n33	2n56	16n13	0n54	22n14	0s21	2n30	0s41	8s 7	0s48	21n59	0n59	15s34	15s37	19n40	14n39	2s17
F 2	16 45	3 44	4 26	21 42	0 19	18 4	1 10	25 33	2 55	16 15	0 54	22 14	0 21	2 31	0 41	8 7	0 48	22 0	0 59	15 31	15 36	19 41	14 39	2 17
S 3	16 27	0s45	3 48	21 41	0 10	17 44	1 11	25 34	2 54	16 18	0 55	22 15	0 21	2 32	0 41	8 6	0 48	22 0	0 59	15 28	15 35	19 41	14 39	2 17
S 4	16 9	5 15	2 56	21 38	0 1	17 23	1 12	25 34	2 54	16 21	0 55	22 15	0 21	2 33	0 41	8 5	0 48	22 0	0 59	15 26	15 34	19 41	14 39	2 17
M 5	15 51	9 34	1 53	21 34	0s 7	17 2	1 14	25 35	2 53	16 23	0 55	22 16	0 21	2 34	0 41	8 4	0 48	22 1	0 59	15 25	15 34	19 41	14 40	2 17
T 6	15 33	13 26	0 43	21 29	0 16	16 40	1 15	25 35	2 52	16 26	0 55	22 16	0 21	2 35	0 41	8 3	0 48	22 1	0 59	15 24	15 33	19 41	14 40	2 17
W 7	15 14	16 35	0n30	21 23	0 24	16 18	1 16	25 36	2 51	16 28	0 55	22 17	0 20	2 36	0 41	8 3	0 48	22 1	0 59	15 24	15 32	19 41	14 40	2 17
T 8	14 55	18 48	1 42	21 15	0 32	15 55	1 17	25 36	2 51	16 31	0 55	22 17	0 20	2 37	0 41	8 2	0 48	22 1	1 0	15 24	15 31	19 41	14 40	2 17
F 9	14 36	19 52	2 49	21 7	0 39	15 32	1 18	25 37	2 50	16 33	0 55	22 18	0 20	2 38	0 41	8 1	0 48	22 2	1 0	15 24	15 30	19 41	14 41	2 17
S 10	14 17	19 39	3 46	20 57	0 47	15 8	1 19	25 37	2 49	16 36	0 55	22 18	0 20	2 39	0 41	8 0	0 48	22 2	1 0	15 22	15 29	19 41	14 41	2 17
S 11	13 57	18 9	4 29	20 46	0 54	14 44	1 20	25 38	2 48	16 38	0 55	22 19	0 20	2 40	0 41	7 59	0 48	22 2	1 0	15 20	15 28	19 42	14 41	2 17
M12	13 37	15 30	4 54	20 34	1 1	14 20	1 21	25 38	2 47	16 41	0 55	22 19	0 20	2 41	0 41	7 58	0 48	22 2	1 0	15 17	15 27	19 42	14 42	2 17
T 13	13 17	11 55	5 1	20 20	1 7	13 55	1 22	25 39	2 47	16 43	0 56	22 20	0 20	2 42	0 41	7 58	0 48	22 3	1 0	15 13	15 26	19 42	14 42	2 17
W14	12 57	7 44	4 49	20 5	1 13	13 30	1 23	25 40	2 46	16 46	0 56	22 20	0 19	2 43	0 41	7 57	0 48	22 3	1 0	15 10	15 25	19 42	14 43	2 17
T 15	12 36	3 12	4 20	19 49	1 19	13 4	1 23	25 40	2 45	16 48	0 56	22 21	0 19	2 44	0 40	7 56	0 48	22 3	1 0	15 6	15 24	19 42	14 43	2 17
F 16	12 15	1n22	3 37	19 32	1 25	12 39	1 24	25 41	2 44	16 50	0 56	22 21	0 19	2 45	0 40	7 55	0 48	22 3	1 0	15 3	15 23	19 42	14 43	2 16
S 17	11 54	5 44	2 43	19 13	1 30	12 12	1 24	25 41	2 43	16 53	0 56	22 22	0 19	2 46	0 40	7 54	0 48	22 4	1 0	15 1	15 22	19 42	14 44	2 16
S 18	11 33	9 44	1 43	18 53	1 35	11 46	1 25	25 42	2 42	16 55	0 56	22 22	0 19	2 48	0 40	7 53	0 48	22 4	1 0	15 0	15 21	19 42	14 44	2 16
M19	11 12	13 12	0 39	18 32	1 40	11 19	1 25	25 43	2 42	16 57	0 56	22 22	0 19	2 49	0 40	7 52	0 48	22 4	1 0	14 59	15 20	19 42	14 45	2 16
T 20	10 50	16 1	0s25	18 10	1 45	10 52	1 26	25 43	2 41	17 0	0 56	22 23	0 19	2 50	0 40	7 52	0 48	22 4	1 0	14 59	15 19	19 42	14 45	2 16
W21	10 29	18 6	1 28	17 46	1 49	10 24	1 26	25 44	2 40	17 2	0 56	22 23	0 19	2 51	0 40	7 51	0 48	22 5	1 0	14 59	15 18	19 42	14 46	2 16
T 22	10 7	19 23	2 26	17 21	1 52	9 57	1 26	25 44	2 39	17 4	0 56	22 24	0 18	2 52	0 40	7 50	0 48	22 5	1 0	14 59	15 17	19 42	14 46	2 16
F 23	9 45	19 49	3 18	16 55	1 56	9 29	1 27	25 45	2 38	17 6	0 56	22 24	0 18	2 53	0 40	7 49	0 48	22 5	1 0	14 59	15 16	19 42	14 47	2 16
S 24	9 23	19 22	4 1	16 27	1 59	9 0	1 27	25 45	2 37	17 8	0 56	22 24	0 18	2 55	0 40	7 48	0 48	22 5	1 0	14 57	15 15	19 42	14 47	2 16
S 25	9 1	18 2	4 35	15 58	2 1	8 32	1 27	25 46	2 37	17 10	0 56	22 25	0 18	2 56	0 40	7 47	0 48	22 5	1 0	14 56	15 14	19 42	14 48	2 16
M26	8 38	15 52	4 56	15 28	2 4	8 3	1 27	25 46	2 36	17 13	0 56	22 25	0 18	2 57	0 40	7 46	0 48	22 6	1 0	14 53	15 13	19 42	14 49	2 16
T 27	8 16	12 55	5 4	14 56	2 6	7 34	1 27	25 47	2 35	17 15	0 56	22 25	0 18	2 58	0 40	7 46	0 48	22 6	1 1	14 50	15 12	19 42	14 49	2 16
W28	7s53	9n18	4s57	14s24	2s 7	7s 5	1s27	25n47	2n34	17n17	0n56	22n26	0s18	2n59	0s40	7s45	0s49	22n 6	1n 1	14s46	15s11	19n42	14n50	2s16

Julian Day Number = 2517685.5, Delta T = 145.63 sec
Ecliptic obliquity = 23°24'50, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°16'15, Lahiri = 26°23'15

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2181
geocentric

MARCH 2181 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 37 5	10♓48'58	5♍41	28♒57	16♓38	23♊11	14°R41	13°R35	9♈10	12♓11	24°R59	9°R44	11♏11	14♊37	17♉25	T 1
F 2	10 41 2	11°49'14	19° 5	0♓39	17°53	23°33	14♌35	13♋34	9°13	12°13	24♋58	9♏34	11° 8	14°44	17°27	F 2
S 3	10 44 58	12°49'28	2♎42	2°22	19° 8	23°56	14°28	13°32	9°16	12°15	24°57	9°27	11° 5	14°51	17°29	S 3
S 4	10 48 55	13°49'40	16°30	4° 6	20°23	24°18	14°22	13°31	9°19	12°18	24°57	9°22	11° 1	14°57	17°31	S 4
M 5	10 52 52	14°49'51	0♏26	5°51	21°38	24°41	14°16	13°30	9°22	12°20	24°56	9°20	10°58	15° 4	17°34	M 5
T 6	10 56 48	15°50'00	14°27	7°37	22°53	25° 5	14°10	13°29	9°25	12°22	24°55	9°D19	10°55	15°11	17°36	T 6
W 7	11 0 45	16°50'08	28°32	9°24	24° 7	25°28	14° 5	13°28	9°29	12°25	24°54	9°20	10°52	15°17	17°38	W 7
T 8	11 4 41	17°50'14	12♐39	11°12	25°22	25°52	13°59	13°27	9°32	12°27	24°54	9°R21	10°49	15°24	17°41	T 8
F 9	11 8 38	18°50'19	26°46	13° 2	26°37	26°16	13°54	13°26	9°35	12°29	24°53	9°21	10°46	15°31	17°43	F 9
S 10	11 12 34	19°50'22	10♑54	14°52	27°52	26°40	13°48	13°26	9°38	12°31	24°52	9°19	10°42	15°37	17°46	S 10
S 11	11 16 31	20°50'24	25° 0	16°43	29° 7	27° 5	13°43	13°25	9°42	12°34	24°52	9°15	10°39	15°44	17°49	S 11
M12	11 20 27	21°50'24	9♒ 0	18°36	0♈22	27°30	13°38	13°25	9°45	12°36	24°51	9° 9	10°36	15°51	17°51	M12
T 13	11 24 24	22°50'22	22°53	20°29	1°36	27°55	13°33	13°25	9°48	12°38	24°50	9° 1	10°33	15°57	17°54	T 13
W14	11 28 21	23°50'19	6♓35	22°24	2°51	28°21	13°29	13°25	9°51	12°40	24°50	8°53	10°30	16° 4	17°57	W14
T 15	11 32 17	24°50'14	20° 3	24°20	4° 6	28°46	13°24	13°D25	9°55	12°43	24°49	8°46	10°27	16°11	17°59	T 15
F 16	11 36 14	25°50'06	3♈14	26°16	5°21	29°12	13°20	13°25	9°58	12°45	24°49	8°40	10°23	16°17	18° 2	F 16
S 17	11 40 10	26°49'57	16° 7	28°14	6°35	29°38	13°16	13°25	10° 1	12°47	24°48	8°35	10°20	16°24	18° 5	S 17
S 18	11 44 7	27°49'46	28°43	0♈12	7°50	0♋ 4	13°12	13°25	10° 5	12°49	24°48	8°33	10°17	16°31	18° 8	S 18
M19	11 48 3	28°49'32	11♉ 2	2°11	9° 5	0°31	13° 8	13°26	10° 8	12°52	24°47	8°D32	10°14	16°37	18°11	M19
T 20	11 52 0	29°49'17	23° 8	4°10	10°19	0°58	13° 4	13°26	10°12	12°54	24°47	8°33	10°11	16°44	18°14	T 20
W21	11 55 56	0♈48'59	5♊ 4	6°10	11°34	1°25	13° 1	13°27	10°15	12°56	24°46	8°35	10° 7	16°51	18°17	W21
T 22	11 59 53	1°48'40	16°54	8°10	12°49	1°52	12°58	13°27	10°18	12°58	24°46	8°36	10° 4	16°57	18°20	T 22
F 23	12 3 50	2°48'18	28°44	10°10	14° 3	2°19	12°55	13°28	10°22	13° 0	24°45	8°R37	10° 1	17° 4	18°23	F 23
S 24	12 7 46	3°47'53	10♋39	12°10	15°18	2°47	12°52	13°29	10°25	13° 2	24°45	8°37	9°58	17°11	18°26	S 24
S 25	12 11 43	4°47'27	22°43	14° 9	16°32	3°14	12°49	13°30	10°29	13° 5	24°45	8°36	9°55	17°17	18°29	S 25
M26	12 15 39	5°46'58	5♌ 1	16° 7	17°47	3°42	12°46	13°32	10°32	13° 7	24°44	8°33	9°52	17°24	18°33	M26
T 27	12 19 36	6°46'27	17°38	18° 5	19° 1	4°10	12°44	13°33	10°35	13° 9	24°44	8°28	9°48	17°31	18°36	T 27
W28	12 23 32	7°45'53	0♍35	20° 0	20°15	4°38	12°42	13°34	10°39	13°11	24°44	8°23	9°45	17°37	18°39	W28
T 29	12 27 29	8°45'17	13°54	21°54	21°30	5° 7	12°40	13°36	10°42	13°13	24°44	8°18	9°42	17°44	18°42	T 29
F 30	12 31 25	9°44'40	27°33	23°45	22°44	5°35	12°38	13°38	10°46	13°15	24°43	8°14	9°39	17°51	18°46	F 30
S 31	12 35 22	10♈44'00	11♎32	25♈34	23♈59	6♋ 4	12♌37	13♋39	10♈49	13♓17	24♋43	8♏11	9♏36	17♊57	18♉49	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
T 1	7s30	5n10	4s34	13s50	2s 8	6s36	1s26	25n47	2n33	17n18	0n56	22n26	0s18	3n 1	0s40	7s44	0s49	22n 6	1n 1	14s43	15s10	19n42	14n50	2s16			
F 2	7 7	0 42	3 55	13 14	2 9	6 6	1 26	25 48	2 33	17 20	0 56	22 26	0 17	3 2	0 40	7 43	0 49	22 7	1 1	14 40	15 9	19 42	14 51	2 16			
S 3	6 44	3s52	3 3	12 38	2 9	5 37	1 26	25 48	2 32	17 22	0 56	22 26	0 17	3 3	0 40	7 42	0 49	22 7	1 1	14 37	15 8	19 42	14 52	2 16			
S 4	6 21	8 19	1 59	12 0	2 9	5 7	1 25	25 48	2 31	17 24	0 56	22 27	0 17	3 4	0 40	7 41	0 49	22 7	1 1	14 36	15 7	19 42	14 52	2 16			
M 5	5 58	12 21	0 48	11 21	2 8	4 37	1 25	25 48	2 30	17 26	0 56	22 27	0 17	3 6	0 40	7 40	0 49	22 7	1 1	14 35	15 6	19 42	14 53	2 16			
T 6	5 35	15 43	0n28	10 40	2 7	4 7	1 24	25 49	2 29	17 27	0 56	22 27	0 17	3 7	0 40	7 40	0 49	22 7	1 1	14 35	15 5	19 42	14 54	2 16			
W 7	5 12	18 10	1 41	9 59	2 6	3 37	1 24	25 49	2 28	17 29	0 56	22 27	0 17	3 8	0 40	7 39	0 49	22 7	1 1	14 35	15 4	19 42	14 54	2 16			
T 8	4 48	19 29	2 49	9 16	2 4	3 7	1 23	25 49	2 28	17 31	0 56	22 28	0 17	3 9	0 40	7 38	0 49	22 8	1 1	14 36	15 3	19 42	14 55	2 16			
F 9	4 25	19 35	3 47	8 32	2 1	2 36	1 22	25 48	2 27	17 32	0 56	22 28	0 16	3 11	0 40	7 37	0 49	22 8	1 1	14 36	15 2	19 42	14 56	2 15			
S 10	4 1	18 28	4 31	7 47	1 58	2 6	1 22	25 48	2 26	17 34	0 56	22 28	0 16	3 12	0 40	7 36	0 49	22 8	1 1	14 35	15 1	19 42	14 57	2 15			
S 11	3 38	16 13	4 58	7 0	1 55	1 35	1 21	25 48	2 25	17 35	0 56	22 28	0 16	3 13	0 40	7 35	0 49	22 8	1 1	14 34	15 0	19 42	14 57	2 15			
M12	3 14	13 2	5 8	6 13	1 51	1 5	1 20	25 48	2 24	17 37	0 56	22 28	0 16	3 15	0 40	7 34	0 49	22 8	1 1	14 32	14 59	19 42	14 58	2 15			
T 13	2 50	9 9	4 59	5 24	1 47	0 34	1 19	25 47	2 24	17 38	0 56	22 28	0 16	3 16	0 40	7 34	0 49	22 8	1 1	14 29	14 58	19 42	14 59	2 15			
W14	2 27	4 51	4 33	4 34	1 41	0 4	1 18	25 47	2 23	17 39	0 56	22 29	0 16	3 17	0 40	7 33	0 49	22 9	1 1	14 27	14 57	19 42	15 0	2 15			
T 15	2 3	0 23	3 52	3 43	1 36	0n27	1 17	25 47	2 22	17 41	0 56	22 29	0 16	3 19	0 40	7 32	0 49	22 9	1 1	14 24	14 56	19 42	15 0	2 15			
F 16	1 39	4n 2	3 0	2 51	1 30	0 58	1 16	25 46	2 21	17 42	0 56	22 29	0 16	3 20	0 40	7 31	0 49	22 9	1 1	14 22	14 55	19 42	15 1	2 15			
S 17	1 15	8 10	1 59	1 58	1 23	1 28	1 15	25 45	2 20	17 43	0 56	22 29	0 15	3 21	0 40	7 30	0 49	22 9	1 1	14 21	14 54	19 42	15 2	2 15			
S 18	0 52	11 50	0 53	1 5	1 16	1 59	1 13	25 45	2 20	17 44	0 56	22 29	0 15	3 23	0 40	7 29	0 49	22 9	1 1	14 20	14 53	19 42	15 3	2 15			
M19	0 28	14 54	0s14	0 11	1 8	2 29	1 12	25 44	2 19	17 45	0 56	22 29	0 15	3 24	0 40	7 29	0 49	22 9	1 1	14 20	14 52	19 42	15 4	2 15			
T 20	0 4	17 16	1 19	0n45	1 0	3 0	1 11	25 43	2 18	17 46	0 56	22 29	0 15	3 25	0 40	7 28	0 49	22 9	1 1	14 20	14 51	19 42	15 4	2 15			
W21	0n19	18 50	2 20	1 40	0 51	3 30	1 9	25 42	2 17	17 47	0 56	22 29	0 15	3 27	0 40	7 27	0 49	22 9	1 1	14 21	14 50	19 42	15 5	2 15			
T 22	0 43	19 33	3 14	2 36	0 41	4 1	1 8	25 41	2 17	17 48	0 56	22 29	0 15	3 28	0 40	7 26	0 49	22 10	1 2	14 21	14 49	19 42	15 6	2 15			
F 23	1 7	19 24	4 0	3 32	0 32	4 31	1 6	25 39	2 16	17 49	0 56	22 29	0 15	3 29	0 40	7 25	0 49	22 10	1 2	14 22	14 48	19 42	15 7	2 15			
S 24	1 30	18 24	4 36	4 29	0 21	5 1	1 5	25 38	2 15	17 50	0 56	22 29	0 15	3 31	0 40	7 24	0 49	22 10	1 2	14 22	14 47	19 42	15 8	2 15			
S 25	1 54	16 34	5 1	5 25	0 11	5 31	1 3	25 37	2 14	17 50	0 56	22 29	0 14	3 32	0 40	7 24	0 49	22 10	1 2	14 21	14 46	19 42	15 9	2 15			
M26	2 18	13 57	5 12	6 21	0n 1	6 1	1 1	25 35	2 14	17 51	0 56	22 29	0 14	3 33	0 40	7 23	0 49	22 10	1 2	14 20	14 45	19 41	15 10	2 15			
T 27	2 41	10 38	5 9	7 16	0 12	6 31	1 0	25 34	2 13	17 52	0 56	22 29	0 14	3 35	0 40	7 22	0 49	22 10	1 2	14 19	14 44	19 41	15 11	2 15			
W28	3 5	6 44	4 50	8 11	0 24	7 1	0 58	25 32	2 12	17 52	0 56	22 29	0 14	3 36	0 40	7 21	0 49	22 10	1 2	14 17	14 43	19 41	15 11	2 15			
T 29	3 28	2 25	4 15	9 4	0 36	7 30	0 56	25 30	2 11	17 53	0 56	22 29	0 14	3 37	0 40	7 20	0 49	22 10	1 2	14 16	14 42	19 41	15 12	2 15			
F 30	3 51	2s 9	3 24	9 57	0 48	8 0	0 54	25 28	2 11	17 53	0 55	22 29	0 14	3 39	0 40	7 20	0 49	22 10	1 2	14 14	14 41	19 41	15 13	2 15			
S 31	4n15	6s43	2s21	10n48	1n 0	8n29	0s52	25n26	2n10	17n53	0n55	22n29	0s14	3n40	0s40	7s19	0s49	22n10	1n 2	14s13	14s40	19n41	15n14	2s15			

Julian Day Number = 2517713.5, Delta T = 145.70 sec
Ecliptic obliquity = 23°24'50, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°16'19, Lahiri = 26°23'19

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2181
geocentric

APRIL 2181 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 39 18	11♈43'18	25♎45	27♈19	25♈13	6♋33	12°R35	13♋41	10♈53	13♓19	24°R43	8°R 9	9♏32	18♊ 4	18♉53	S 1
M 2	12 43 15	12°42'34	10♏ 9	29° 1	26°27	7° 2	12♌34	13°43	10°56	13°21	24♋43	8°D 9	9°29	18°11	18°56	M 2
T 3	12 47 12	13°41'48	24°37	0♉38	27°41	7°31	12°33	13°45	10°59	13°23	24°43	8♏ 9	9°26	18°17	19° 0	T 3
W 4	12 51 8	14°41'01	9♐ 5	2°12	28°56	8° 1	12°32	13°47	11° 3	13°25	24°43	8°11	9°23	18°24	19° 3	W 4
T 5	12 55 5	15°40'12	23°28	3°40	0♉10	8°30	12°32	13°50	11° 6	13°27	24°43	8°12	9°20	18°31	19° 7	T 5
F 6	12 59 1	16°39'21	7♑44	5° 4	1°24	9° 0	12°31	13°52	11°10	13°29	24°43	8°13	9°17	18°37	19°10	F 6
S 7	13 2 58	17°38'28	21°50	6°22	2°38	9°29	12°31	13°54	11°13	13°31	24°D43	8°R13	9°13	18°44	19°14	S 7
S 8	13 6 54	18°37'34	5♒45	7°35	3°52	9°59	12°D31	13°57	11°17	13°33	24°43	8°12	9°10	18°51	19°18	S 8
M 9	13 10 51	19°36'37	19°27	8°41	5° 6	10°29	12°31	14° 0	11°20	13°35	24°43	8°11	9° 7	18°57	19°21	M 9
T 10	13 14 47	20°35'39	2♓57	9°42	6°20	10°59	12°31	14° 3	11°23	13°37	24°43	8° 8	9° 4	19° 4	19°25	T 10
W11	13 18 44	21°34'39	16°12	10°37	7°34	11°30	12°32	14° 5	11°27	13°39	24°43	8° 6	9° 1	19°11	19°29	W11
T 12	13 22 41	22°33'38	29°15	11°25	8°48	12° 0	12°33	14° 8	11°30	13°41	24°43	8° 4	8°58	19°17	19°32	T 12
F 13	13 26 37	23°32'34	12♈ 3	12° 7	10° 2	12°31	12°33	14°11	11°33	13°43	24°43	8° 2	8°54	19°24	19°36	F 13
S 14	13 30 34	24°31'29	24°38	12°43	11°16	13° 1	12°35	14°15	11°37	13°45	24°43	8° 1	8°51	19°31	19°40	S 14
S 15	13 34 30	25°30'21	7♉ 0	13°12	12°30	13°32	12°36	14°18	11°40	13°47	24°44	8°D 0	8°48	19°37	19°44	S 15
M16	13 38 27	26°29'12	19°10	13°34	13°44	14° 3	12°37	14°21	11°44	13°48	24°44	8° 1	8°45	19°44	19°48	M16
T 17	13 42 23	27°28'00	1♊11	13°51	14°58	14°34	12°39	14°25	11°47	13°50	24°44	8° 1	8°42	19°51	19°51	T 17
W18	13 46 20	28°26'47	13° 5	14° 0	16°12	15° 5	12°41	14°28	11°50	13°52	24°44	8° 2	8°38	19°58	19°55	W18
T 19	13 50 16	29°25'31	24°55	14°R 4	17°26	15°36	12°43	14°32	11°54	13°54	24°45	8° 3	8°35	20° 4	19°59	T 19
F 20	13 54 13	0♉24'13	6♋45	14° 1	18°39	16° 8	12°45	14°36	11°57	13°55	24°45	8° 4	8°32	20°11	20° 3	F 20
S 21	13 58 10	1°22'53	18°40	13°52	19°53	16°39	12°47	14°40	12° 0	13°57	24°45	8° 5	8°29	20°18	20° 7	S 21
S 22	14 2 6	2°21'31	0♌43	13°38	21° 7	17°11	12°50	14°44	12° 3	13°59	24°46	8°R 5	8°26	20°24	20°11	S 22
M23	14 6 3	3°20'06	13° 0	13°19	22°21	17°42	12°53	14°48	12° 7	14° 0	24°46	8° 5	8°23	20°31	20°15	M23
T 24	14 9 59	4°18'39	25°34	12°54	23°34	18°14	12°55	14°52	12°10	14° 2	24°46	8° 5	8°19	20°38	20°19	T 24
W25	14 13 56	5°17'10	8♍30	12°26	24°48	18°46	12°59	14°56	12°13	14° 4	24°47	8° 4	8°16	20°44	20°23	W25
T 26	14 17 52	6°15'39	21°50	11°54	26° 1	19°18	13° 2	15° 0	12°16	14° 5	24°47	8° 4	8°13	20°51	20°27	T 26
F 27	14 21 49	7°14'06	5♎35	11°19	27°15	19°50	13° 5	15° 5	12°19	14° 7	24°48	8° 4	8°10	20°58	20°31	F 27
S 28	14 25 45	8°12'31	19°44	10°42	28°28	20°22	13° 9	15° 9	12°23	14° 8	24°48	8°D 4	8° 7	21° 4	20°35	S 28
S 29	14 29 42	9°10'54	4♏14	10° 3	29°42	20°54	13°13	15°14	12°26	14°10	24°49	8°R 4	8° 4	21°11	20°39	S 29
M30	14 33 39	10♉ 9'15	19♏ 0	9♉23	0♊55	21♋26	13♌16	15♋18	12♈29	14♓11	24♋49	8♏ 4	8♏ 0	21♊18	20♉43	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n38	11s 0	1s 8	11n37	1n12	8n58	0s50	25n24	2n 9	17n54	0n55	22n29	0s14	3n41	0s40	7s18	0s49	22n10	1n 2	14s13	14s39	19n41	15n15	2s15
M 2	5 1	14 40	0n11	12 25	1 23	9 27	0 48	25 22	2 8	17 54	0 55	22 29	0 13	3 43	0 40	7 17	0 49	22 11	1 2	14 12	14 38	19 41	15 16	2 15
T 3	5 24	17 27	1 29	13 10	1 35	9 55	0 46	25 19	2 8	17 54	0 55	22 29	0 13	3 44	0 40	7 17	0 49	22 11	1 2	14 13	14 37	19 41	15 17	2 15
W 4	5 47	19 7	2 42	13 53	1 46	10 24	0 44	25 17	2 7	17 54	0 55	22 29	0 13	3 45	0 40	7 16	0 49	22 11	1 2	14 13	14 36	19 41	15 18	2 15
T 5	6 10	19 31	3 44	14 33	1 57	10 52	0 42	25 14	2 6	17 55	0 55	22 29	0 13	3 47	0 40	7 15	0 49	22 11	1 2	14 14	14 35	19 40	15 19	2 15
F 6	6 32	18 40	4 32	15 11	2 7	11 20	0 40	25 12	2 5	17 55	0 55	22 29	0 13	3 48	0 40	7 14	0 49	22 11	1 2	14 14	14 34	19 40	15 20	2 15
S 7	6 55	16 40	5 3	15 47	2 17	11 47	0 38	25 9	2 5	17 55	0 55	22 29	0 13	3 49	0 40	7 14	0 49	22 11	1 2	14 14	14 33	19 40	15 21	2 15
S 8	7 17	13 43	5 15	16 19	2 26	12 14	0 35	25 6	2 4	17 55	0 55	22 28	0 13	3 51	0 40	7 13	0 49	22 11	1 2	14 14	14 32	19 40	15 22	2 15
M 9	7 40	10 4	5 9	16 49	2 34	12 41	0 33	25 3	2 3	17 54	0 55	22 28	0 13	3 52	0 40	7 12	0 49	22 11	1 2	14 13	14 31	19 40	15 23	2 15
T 10	8 2	5 57	4 47	17 15	2 41	13 8	0 31	25 0	2 3	17 54	0 55	22 28	0 12	3 53	0 40	7 11	0 49	22 11	1 2	14 12	14 30	19 40	15 24	2 15
W11	8 24	1 37	4 9	17 39	2 47	13 35	0 28	24 56	2 2	17 54	0 55	22 28	0 12	3 55	0 40	7 11	0 49	22 11	1 2	14 12	14 29	19 40	15 25	2 15
T 12	8 46	2n44	3 18	17 59	2 53	14 1	0 26	24 53	2 1	17 54	0 55	22 28	0 12	3 56	0 40	7 10	0 49	22 11	1 2	14 11	14 28	19 39	15 26	2 15
F 13	9 8	6 53	2 19	18 16	2 57	14 26	0 24	24 50	2 0	17 53	0 54	22 27	0 12	3 57	0 40	7 9	0 49	22 11	1 2	14 10	14 27	19 39	15 27	2 15
S 14	9 30	10 40	1 13	18 30	3 0	14 52	0 21	24 46	2 0	17 53	0 54	22 27	0 12	3 59	0 40	7 9	0 49	22 11	1 2	14 10	14 26	19 39	15 28	2 15
S 15	9 51	13 55	0 6	18 41	3 2	15 17	0 19	24 42	1 59	17 53	0 54	22 27	0 12	4 0	0 40	7 8	0 49	22 11	1 2	14 10	14 25	19 39	15 29	2 15
M16	10 12	16 31	1s 2	18 48	3 3	15 41	0 16	24 38	1 58	17 52	0 54	22 27	0 12	4 1	0 40	7 7	0 49	22 11	1 2	14 10	14 24	19 39	15 30	2 15
T 17	10 34	18 20	2 5	18 52	3 2	16 5	0 14	24 34	1 58	17 52	0 54	22 27	0 12	4 3	0 40	7 7	0 49	22 11	1 3	14 10	14 23	19 39	15 31	2 15
W18	10 55	19 20	3 3	18 53	3 0	16 29	0 11	24 30	1 57	17 51	0 54	22 26	0 12	4 4	0 40	7 6	0 49	22 11	1 3	14 10	14 22	19 38	15 32	2 15
T 19	11 15	19 27	3 52	18 51	2 57	16 53	0 9	24 26	1 56	17 50	0 54	22 26	0 11	4 5	0 40	7 5	0 49	22 11	1 3	14 11	14 21	19 38	15 33	2 15
F 20	11 36	18 43	4 31	18 46	2 52	17 16	0 6	24 21	1 56	17 50	0 54	22 26	0 11	4 6	0 40	7 5	0 49	22 11	1 3	14 11	14 20	19 38	15 34	2 15
S 21	11 57	17 10	5 0	18 37	2 46	17 38	0 4	24 17	1 55	17 49	0 54	22 25	0 11	4 8	0 40	7 4	0 49	22 11	1 3	14 11	14 19	19 38	15 35	2 15
S 22	12 17	14 51	5 15	18 26	2 38	18 0	0 1	24 12	1 54	17 48	0 54	22 25	0 11	4 9	0 40	7 3	0 50	22 11	1 3	14 11	14 18	19 38	15 36	2 15
M23	12 37	11 50	5 16	18 11	2 29	18 22	0n 2	24 7	1 54	17 47	0 54	22 25	0 11	4 10	0 40	7 3	0 50	22 11	1 3	14 11	14 17	19 38	15 37	2 15
T 24	12 57	8 14	5 3	17 54	2 19	18 43	0 4	24 2	1 53	17 46	0 54	22 24	0 11	4 11	0 40	7 2	0 50	22 11	1 3	14 11	14 16	19 37	15 38	2 16
W25	13 16	4 8	4 34	17 34	2 7	19 4	0 7	23 57	1 52	17 45	0 54	22 24	0 11	4 13	0 40	7 2	0 50	22 11	1 3	14 11	14 15	19 37	15 39	2 16
T 26	13 36	0s17	3 50	17 12	1 54	19 24	0 10	23 52	1 52	17 44	0 53	22 24	0 11	4 14	0 40	7 1	0 50	22 11	1 3	14 11	14 14	19 37	15 40	2 16
F 27	13 55	4 50	2 51	16 48	1 40	19 43	0 12	23 47	1 51	17 43	0 53	22 23	0 11	4 15	0 40	7 1	0 50	22 11	1 3	14 11	14 13	19 37	15 41	2 16
S 28	14 14	9 15	1 40	16 22	1 25	20 2	0 15	23 41	1 50	17 42	0 53	22 23	0 10	4 16	0 40	7 0	0 50	22 11	1 3	14 11	14 12	19 37	15 42	2 16
S 29	14 32	13 15	0 21	15 55	1 10	20 21	0 17	23 36	1 50	17 41	0 53	22 22	0 10	4 18	0 40	6 59	0 50	22 11	1 3	14 11	14 11	19 36	15 43	2 16
M30	14n51	16s29	1n 0	15n27	0n53	20n39	0n20	23n30	1n49	17n40	0n53	22n22	0s10	4n19	0s40	6s59	0s50	22n10	1n 3	14s11	14s10	19n36	15n44	2s16

Julian Day Number = 2517744.5, Delta T = 145.77 sec
Ecliptic obliquity = 23°24'50, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°16'23, Lahiri = 26°23'24

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2181
geocentric

MAY 2181 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 37 35	11♉ 7'35	3♐53	8°R43	2♊ 9	21♋59	13♌21	15♋23	12♈32	14♓13	24♋50	8°R 4	7♏57	21♊24	20♉47	T 1
W 2	14 41 32	12° 5'52	18°47	8♉ 3	3°22	22°31	13°25	15°28	12°35	14°14	24°50	8♏ 3	7°54	21°31	20°51	W 2
T 3	14 45 28	13° 4'09	3♑34	7°25	4°35	23° 4	13°29	15°33	12°38	14°16	24°51	8° 3	7°51	21°38	20°55	T 3
F 4	14 49 25	14° 2'23	18° 8	6°49	5°49	23°36	13°34	15°38	12°41	14°17	24°52	8° 2	7°48	21°44	20°59	F 4
S 5	14 53 21	15° 0'37	2♒24	6°15	7° 2	24° 9	13°39	15°43	12°44	14°18	24°52	8° 2	7°44	21°51	21° 4	S 5
S 6	14 57 18	15°58'48	16°20	5°44	8°15	24°42	13°43	15°48	12°47	14°20	24°53	8°D 2	7°41	21°58	21° 8	S 6
M 7	15 1 14	16°56'59	29°56	5°16	9°28	25°14	13°49	15°53	12°50	14°21	24°54	8° 2	7°38	22° 4	21°12	M 7
T 8	15 5 11	17°55'07	13♓11	4°53	10°42	25°47	13°54	15°58	12°53	14°22	24°55	8° 2	7°35	22°11	21°16	T 8
W 9	15 9 8	18°53'15	26° 9	4°33	11°55	26°20	13°59	16° 3	12°56	14°23	24°55	8° 3	7°32	22°18	21°20	W 9
T 10	15 13 4	19°51'21	8♈52	4°18	13° 8	26°53	14° 5	16° 9	12°59	14°25	24°56	8° 4	7°29	22°25	21°24	T 10
F 11	15 17 1	20°49'25	21°21	4° 7	14°21	27°26	14°10	16°14	13° 2	14°26	24°57	8° 5	7°25	22°31	21°28	F 11
S 12	15 20 57	21°47'28	3♉38	4° 1	15°34	28° 0	14°16	16°20	13° 5	14°27	24°58	8°R 6	7°22	22°38	21°32	S 12
S 13	15 24 54	22°45'30	15°46	4°D 0	16°47	28°33	14°22	16°25	13° 8	14°28	24°59	8° 6	7°19	22°45	21°36	S 13
M14	15 28 50	23°43'30	27°46	4° 3	18° 0	29° 6	14°28	16°31	13°10	14°29	24°59	8° 5	7°16	22°51	21°41	M14
T 15	15 32 47	24°41'28	9♊41	4°11	19°13	29°40	14°35	16°37	13°13	14°30	25° 0	8° 3	7°13	22°58	21°45	T 15
W16	15 36 43	25°39'25	21°32	4°24	20°26	0♌13	14°41	16°43	13°16	14°31	25° 1	8° 1	7° 9	23° 5	21°49	W16
T 17	15 40 40	26°37'21	3♋22	4°41	21°39	0°47	14°48	16°48	13°19	14°32	25° 2	7°58	7° 6	23°11	21°53	T 17
F 18	15 44 37	27°35'14	15°13	5° 2	22°52	1°20	14°54	16°54	13°21	14°33	25° 3	7°55	7° 3	23°18	21°57	F 18
S 19	15 48 33	28°33'06	27° 8	5°28	24° 4	1°54	15° 1	17° 0	13°24	14°34	25° 4	7°52	7° 0	23°25	22° 1	S 19
S 20	15 52 30	29°30'57	9♌11	5°58	25°17	2°28	15° 8	17° 6	13°27	14°35	25° 5	7°50	6°57	23°31	22° 5	S 20
M21	15 56 26	0♊28'45	21°26	6°32	26°30	3° 2	15°15	17°13	13°29	14°36	25° 6	7°49	6°54	23°38	22° 9	M21
T 22	16 0 23	1°26'32	3♍57	7°10	27°42	3°36	15°22	17°19	13°32	14°37	25° 7	7°D48	6°50	23°45	22°14	T 22
W23	16 4 19	2°24'17	16°47	7°52	28°55	4°10	15°30	17°25	13°34	14°37	25° 8	7°49	6°47	23°51	22°18	W23
T 24	16 8 16	3°22'01	0♎ 2	8°37	0♋ 8	4°43	15°37	17°31	13°37	14°38	25° 9	7°50	6°44	23°58	22°22	T 24
F 25	16 12 12	4°19'43	13°42	9°26	1°20	5°18	15°45	17°38	13°39	14°39	25°10	7°52	6°41	24° 5	22°26	F 25
S 26	16 16 9	5°17'24	27°50	10°19	2°33	5°52	15°53	17°44	13°42	14°40	25°11	7°53	6°38	24°11	22°30	S 26
S 27	16 20 6	6°15'03	12♏23	11°14	3°45	6°26	16° 0	17°51	13°44	14°40	25°12	7°R53	6°35	24°18	22°34	S 27
M28	16 24 2	7°12'40	27°18	12°14	4°58	7° 0	16° 8	17°57	13°46	14°41	25°14	7°52	6°31	24°25	22°38	M28
T 29	16 27 59	8°10'17	12♐26	13°16	6°10	7°34	16°17	18° 4	13°49	14°42	25°15	7°50	6°28	24°32	22°42	T 29
W30	16 31 55	9° 7'52	27°39	14°21	7°22	8° 9	16°25	18°10	13°51	14°42	25°16	7°46	6°25	24°38	22°46	W30
T 31	16 35 52	10♊ 5'27	12♑46	15♉30	8♋35	8♌43	16♌33	18♋17	13♈53	14♓43	25♋17	7♏41	6♏22	24♊45	22♉50	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15n 9	18s38	2n19	14n58	0n37	20n56	0n23	23n24	1n48	17n39	0n53	22n22	0s10	4n20	0s40	6s58	0s50	22n10	1n 3	14s11	14s 9	19n36	15n45	2s16
W 2	15 27	19 30	3 27	14 29	0 19	21 13	0 25	23 18	1 48	17 37	0 53	22 21	0 10	4 21	0 40	6 58	0 50	22 10	1 3	14 11	14 8	19 36	15 46	2 16
T 3	15 45	19 0	4 22	14 0	0 2	21 29	0 28	23 12	1 47	17 36	0 53	22 21	0 10	4 22	0 40	6 57	0 50	22 10	1 3	14 11	14 7	19 35	15 47	2 16
F 4	16 2	17 15	4 59	13 32	0s15	21 45	0 31	23 6	1 46	17 35	0 53	22 20	0 10	4 24	0 40	6 57	0 50	22 10	1 3	14 10	14 6	19 35	15 48	2 16
S 5	16 19	14 28	5 16	13 5	0 32	22 0	0 33	23 0	1 46	17 33	0 53	22 20	0 10	4 25	0 40	6 56	0 50	22 10	1 3	14 10	14 5	19 35	15 49	2 16
S 6	16 36	10 55	5 14	12 39	0 49	22 15	0 36	22 53	1 45	17 32	0 53	22 19	0 10	4 26	0 40	6 56	0 50	22 10	1 3	14 10	14 4	19 35	15 50	2 16
M 7	16 53	6 53	4 55	12 15	1 5	22 29	0 38	22 47	1 44	17 30	0 53	22 19	0 9	4 27	0 40	6 55	0 50	22 10	1 3	14 10	14 3	19 35	15 51	2 16
T 8	17 9	2 36	4 20	11 52	1 21	22 42	0 41	22 40	1 44	17 29	0 53	22 18	0 9	4 28	0 40	6 55	0 50	22 10	1 3	14 10	14 2	19 34	15 52	2 16
W 9	17 25	1n43	3 32	11 31	1 36	22 55	0 43	22 33	1 43	17 27	0 52	22 18	0 9	4 29	0 40	6 55	0 50	22 10	1 3	14 11	14 0	19 34	15 53	2 16
T 10	17 41	5 53	2 35	11 13	1 50	23 7	0 46	22 26	1 42	17 25	0 52	22 17	0 9	4 30	0 40	6 54	0 50	22 10	1 3	14 11	13 59	19 34	15 54	2 16
F 11	17 56	9 44	1 32	10 57	2 3	23 18	0 48	22 19	1 42	17 24	0 52	22 17	0 9	4 32	0 40	6 54	0 50	22 10	1 3	14 11	13 58	19 34	15 55	2 17
S 12	18 12	13 6	0 25	10 43	2 16	23 29	0 51	22 12	1 41	17 22	0 52	22 16	0 9	4 33	0 40	6 53	0 50	22 9	1 4	14 12	13 57	19 33	15 56	2 17
S 13	18 26	15 52	0s42	10 32	2 27	23 39	0 53	22 4	1 41	17 20	0 52	22 16	0 9	4 34	0 40	6 53	0 50	22 9	1 4	14 12	13 56	19 33	15 57	2 17
M14	18 41	17 54	1 47	10 23	2 38	23 48	0 56	21 57	1 40	17 18	0 52	22 15	0 9	4 35	0 40	6 52	0 50	22 9	1 4	14 11	13 55	19 33	15 58	2 17
T 15	18 55	19 9	2 46	10 17	2 47	23 57	0 58	21 49	1 39	17 16	0 52	22 14	0 9	4 36	0 40	6 52	0 50	22 9	1 4	14 11	13 54	19 32	15 59	2 17
W16	19 9	19 32	3 38	10 13	2 56	24 5	1 1	21 41	1 39	17 14	0 52	22 14	0 9	4 37	0 40	6 52	0 50	22 9	1 4	14 10	13 53	19 32	16 0	2 17
T 17	19 23	19 3	4 20	10 11	3 3	24 12	1 3	21 33	1 38	17 12	0 52	22 13	0 8	4 38	0 40	6 51	0 50	22 9	1 4	14 9	13 52	19 32	16 1	2 17
F 18	19 36	17 44	4 51	10 12	3 10	24 18	1 5	21 25	1 37	17 10	0 52	22 12	0 8	4 39	0 40	6 51	0 50	22 9	1 4	14 8	13 51	19 32	16 2	2 17
S 19	19 49	15 39	5 9	10 15	3 16	24 24	1 7	21 17	1 37	17 8	0 52	22 12	0 8	4 40	0 40	6 51	0 50	22 9	1 4	14 7	13 50	19 31	16 3	2 17
S 20	20 2	12 52	5 15	10 20	3 20	24 29	1 10	21 9	1 36	17 6	0 52	22 11	0 8	4 41	0 40	6 50	0 50	22 8	1 4	14 6	13 49	19 31	16 3	2 17
M21	20 14	9 30	5 6	10 28	3 24	24 34	1 12	21 1	1 36	17 4	0 52	22 10	0 8	4 42	0 40	6 50	0 51	22 8	1 4	14 6	13 48	19 31	16 4	2 17
T 22	20 26	5 39	4 43	10 37	3 27	24 38	1 14	20 52	1 35	17 2	0 52	22 10	0 8	4 43	0 40	6 50	0 51	22 8	1 4	14 6	13 47	19 30	16 5	2 18
W23	20 37	1 27	4 5	10 49	3 29	24 41	1 16	20 43	1 34	17 0	0 51	22 9	0 8	4 44	0 40	6 50	0 51	22 8	1 4	14 6	13 46	19 30	16 6	2 18
T 24	20 48	2s58	3 13	11 2	3 31	24 43	1 18	20 35	1 34	16 57	0 51	22 8	0 8	4 45	0 40	6 49	0 51	22 8	1 4	14 6	13 45	19 30	16 7	2 18
F 25	20 59	7 23	2 9	11 17	3 31	24 45	1 20	20 26	1 33	16 55	0 51	22 8	0 8	4 46	0 40	6 49	0 51	22 8	1 4	14 7	13 44	19 30	16 8	2 18
S 26	21 10	11 33	0 55	11 33	3 31	24 46	1 22	20 17	1 33	16 53	0 51	22 7	0 8	4 47	0 40	6 49	0 51	22 7	1 4	14 7	13 43	19 29	16 9	2 18
S 27	21 20	15 9	0n25	11 52	3 30	24 46	1 24	20 8	1 32	16 50	0 51	22 6	0 7	4 48	0 40	6 49	0 51	22 7	1 4	14 7	13 42	19 29	16 10	2 18
M28	21 29	17 50	1 44	12 11	3 28	24 45	1 26	19 59	1 31	16 48	0 51	22 5	0 7	4 49	0 40	6 48	0 51	22 7	1 4	14 7	13 41	19 29	16 11	2 18
T 29	21 39	19 19	2 58	12 32	3 25	24 44	1 28	19 49	1 31	16 45	0 51	22 5	0 7	4 49	0 40	6 48	0 51	22 7	1 4	14 6	13 40	19 28	16 12	2 18
W30	21 48	19 24	3 59	12 54	3 22	24 42	1 30	19 40	1 30	16 43	0 51	22 4	0 7	4 50	0 40	6 48	0 51	22 7	1 4	14 5	13 39	19 28	16 13	2 18
T 31	21n56	18s 6	4n43	13n18	3s18	24n39	1n31	19n30	1n30	16n40	0n51	22n 3	0s 7	4n51	0s40	6s48	0s51	22n 7	1n 4	14s 4	13s38	19n28	16n14	2s19

Julian Day Number = 2517774.5, Delta T = 145.84 sec
Ecliptic obliquity = 23°24'49, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°16'27, Lahiri = 26°23'28

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2181
geocentric

JUNE 2181 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 39 48	11♊ 3'00	27♑39	16♉41	9♋47	9♌17	16♌42	18♋24	13♈56	14♓43	25♋18	7°R37	6♏19	24♊52	22♉54	F 1
S 2	16 43 45	12° 0'32	12♒10	17°55	10°59	9°52	16°50	18°30	13°58	14°44	25°19	7♏33	6°15	24°58	22°58	S 2
S 3	16 47 41	12°58'04	26°15	19°12	12°11	10°26	16°59	18°37	14° 0	14°44	25°21	7°31	6°12	25° 5	23° 2	S 3
M 4	16 51 38	13°55'35	9♓53	20°32	13°23	11° 1	17° 8	18°44	14° 2	14°45	25°22	7°D29	6° 9	25°12	23° 6	M 4
T 5	16 55 35	14°53'05	23° 6	21°55	14°35	11°36	17°17	18°51	14° 4	14°45	25°23	7°30	6° 6	25°18	23°10	T 5
W 6	16 59 31	15°50'34	5♈56	23°20	15°47	12°10	17°26	18°58	14° 6	14°46	25°24	7°31	6° 3	25°25	23°14	W 6
T 7	17 3 28	16°48'03	18°28	24°49	16°59	12°45	17°35	19° 5	14° 8	14°46	25°26	7°32	6° 0	25°32	23°17	T 7
F 8	17 7 24	17°45'30	0♉44	26°19	18°11	13°20	17°44	19°12	14°10	14°46	25°27	7°33	5°56	25°38	23°21	F 8
S 9	17 11 21	18°42'58	12°49	27°53	19°23	13°55	17°53	19°19	14°12	14°46	25°28	7°R34	5°53	25°45	23°25	S 9
S 10	17 15 17	19°40'24	24°47	29°29	20°35	14°30	18° 3	19°26	14°14	14°47	25°30	7°32	5°50	25°52	23°29	S 10
M11	17 19 14	20°37'50	6♊40	1♊ 8	21°47	15° 5	18°12	19°33	14°16	14°47	25°31	7°28	5°47	25°59	23°33	M11
T 12	17 23 10	21°35'15	18°30	2°49	22°59	15°40	18°22	19°40	14°17	14°47	25°32	7°23	5°44	26° 5	23°37	T 12
W13	17 27 7	22°32'39	0♋20	4°33	24°10	16°15	18°32	19°47	14°19	14°47	25°34	7°15	5°41	26°12	23°40	W13
T 14	17 31 4	23°30'03	12°11	6°20	25°22	16°50	18°41	19°55	14°21	14°47	25°35	7° 7	5°37	26°19	23°44	T 14
F 15	17 35 0	24°27'25	24° 5	8° 9	26°34	17°25	18°51	20° 2	14°22	14°47	25°37	6°58	5°34	26°25	23°48	F 15
S 16	17 38 57	25°24'47	6♌ 5	10° 1	27°45	18° 0	19° 1	20° 9	14°24	14°47	25°38	6°50	5°31	26°32	23°51	S 16
S 17	17 42 53	26°22'08	18°11	11°55	28°57	18°36	19°11	20°17	14°26	14°R47	25°39	6°43	5°28	26°39	23°55	S 17
M18	17 46 50	27°19'28	0♍28	13°51	0♌ 8	19°11	19°22	20°24	14°27	14°47	25°41	6°37	5°25	26°45	23°59	M18
T 19	17 50 46	28°16'47	12°59	15°50	1°19	19°46	19°32	20°31	14°29	14°47	25°42	6°34	5°21	26°52	24° 2	T 19
W20	17 54 43	29°14'05	25°46	17°51	2°31	20°22	19°42	20°39	14°30	14°47	25°44	6°D33	5°18	26°59	24° 6	W20
T 21	17 58 39	0♋11'22	8♎54	19°54	3°42	20°57	19°53	20°46	14°31	14°47	25°45	6°33	5°15	27° 5	24° 9	T 21
F 22	18 2 36	1° 8'39	22°27	21°59	4°53	21°33	20° 3	20°54	14°33	14°47	25°47	6°34	5°12	27°12	24°13	F 22
S 23	18 6 33	2° 5'55	6♏25	24° 5	6° 4	22° 8	20°14	21° 1	14°34	14°47	25°48	6°R34	5° 9	27°19	24°16	S 23
S 24	18 10 29	3° 3'10	20°50	26°13	7°15	22°44	20°24	21° 9	14°35	14°47	25°50	6°34	5° 6	27°26	24°20	S 24
M25	18 14 26	4° 0'25	5♐39	28°22	8°26	23°19	20°35	21°16	14°37	14°46	25°51	6°31	5° 2	27°32	24°23	M25
T 26	18 18 22	4°57'39	20°47	0♋33	9°37	23°55	20°46	21°24	14°38	14°46	25°53	6°26	4°59	27°39	24°27	T 26
W27	18 22 19	5°54'52	6♑ 3	2°43	10°48	24°31	20°57	21°31	14°39	14°46	25°54	6°18	4°56	27°46	24°30	W27
T 28	18 26 15	6°52'05	21°19	4°55	11°59	25° 6	21° 8	21°39	14°40	14°45	25°56	6°10	4°53	27°52	24°33	T 28
F 29	18 30 12	7°49'18	6♒22	7° 6	13°10	25°42	21°19	21°47	14°41	14°45	25°57	6° 1	4°50	27°59	24°37	F 29
S 30	18 34 8	8♋46'31	21♒ 4	9♋17	14♌21	26♌18	21♌30	21♋54	14♈42	14♓45	25♋59	5♏53	4♏47	28♊ 6	24♉40	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n 5	15s35	5n 7	13n42	3s14	24n36	1n33	19n20	1n29	16n38	0n51	22n 2	0s 7	4n52	0s40	6s48	0s51	22n 6	1n 4	14s 2	13s37	19n27	16n14	2s19
S 2	22 12	12 9	5 11	14 8	3 9	24 32	1 35	19 11	1 28	16 35	0 51	22 1	0 7	4 53	0 40	6 47	0 51	22 6	1 4	14 1	13 36	19 27	16 15	2 19
S 3	22 20	8 7	4 56	14 34	3 3	24 27	1 36	19 1	1 28	16 32	0 51	22 1	0 7	4 54	0 41	6 47	0 51	22 6	1 4	14 0	13 34	19 27	16 16	2 19
M 4	22 27	3 47	4 24	15 1	2 57	24 22	1 38	18 51	1 27	16 29	0 51	22 0	0 7	4 54	0 41	6 47	0 51	22 6	1 4	14 0	13 33	19 26	16 17	2 19
T 5	22 33	0n37	3 39	15 29	2 50	24 16	1 39	18 40	1 27	16 27	0 51	21 59	0 7	4 55	0 41	6 47	0 51	22 6	1 5	14 0	13 32	19 26	16 18	2 19
W 6	22 40	4 52	2 44	15 58	2 43	24 9	1 41	18 30	1 26	16 24	0 51	21 58	0 6	4 56	0 41	6 47	0 51	22 6	1 5	14 0	13 31	19 26	16 19	2 19
T 7	22 46	8 48	1 42	16 27	2 35	24 1	1 42	18 20	1 25	16 21	0 51	21 57	0 6	4 57	0 41	6 47	0 51	22 5	1 5	14 1	13 30	19 25	16 20	2 19
F 8	22 51	12 18	0 37	16 56	2 26	23 53	1 43	18 9	1 25	16 18	0 51	21 56	0 6	4 57	0 41	6 47	0 51	22 5	1 5	14 1	13 29	19 25	16 20	2 20
S 9	22 56	15 13	0s29	17 26	2 18	23 44	1 44	17 59	1 24	16 15	0 51	21 55	0 6	4 58	0 41	6 47	0 51	22 5	1 5	14 1	13 28	19 25	16 21	2 20
S 10	23 1	17 27	1 32	17 56	2 8	23 34	1 45	17 48	1 24	16 12	0 50	21 54	0 6	4 59	0 41	6 47	0 51	22 5	1 5	14 1	13 27	19 24	16 22	2 20
M11	23 5	18 55	2 31	18 25	1 59	23 24	1 46	17 37	1 23	16 9	0 50	21 54	0 6	4 59	0 41	6 47	0 51	22 5	1 5	13 59	13 26	19 24	16 23	2 20
T 12	23 9	19 32	3 23	18 55	1 49	23 13	1 47	17 26	1 22	16 6	0 50	21 53	0 6	5 0	0 41	6 47	0 51	22 4	1 5	13 58	13 25	19 23	16 24	2 20
W13	23 12	19 18	4 6	19 25	1 39	23 2	1 48	17 15	1 22	16 3	0 50	21 52	0 6	5 1	0 41	6 47	0 51	22 4	1 5	13 55	13 24	19 23	16 24	2 20
T 14	23 15	18 13	4 39	19 54	1 28	22 50	1 49	17 4	1 21	16 0	0 50	21 51	0 6	5 1	0 41	6 47	0 51	22 4	1 5	13 52	13 23	19 23	16 25	2 20
F 15	23 18	16 21	5 0	20 22	1 17	22 37	1 50	16 53	1 21	15 57	0 50	21 50	0 6	5 2	0 41	6 47	0 51	22 4	1 5	13 50	13 22	19 22	16 26	2 21
S 16	23 20	13 46	5 7	20 50	1 6	22 23	1 50	16 41	1 20	15 54	0 50	21 49	0 6	5 3	0 41	6 47	0 51	22 4	1 5	13 47	13 21	19 22	16 27	2 21
S 17	23 22	10 35	5 1	21 17	0 55	22 9	1 51	16 30	1 19	15 51	0 50	21 48	0 5	5 3	0 41	6 47	0 52	22 3	1 5	13 44	13 20	19 22	16 27	2 21
M18	23 23	6 54	4 41	21 43	0 44	21 55	1 51	16 18	1 19	15 48	0 50	21 47	0 5	5 4	0 41	6 47	0 52	22 3	1 5	13 43	13 19	19 21	16 28	2 21
T 19	23 24	2 52	4 8	22 7	0 33	21 40	1 52	16 7	1 18	15 44	0 50	21 46	0 5	5 4	0 41	6 47	0 52	22 3	1 5	13 42	13 18	19 21	16 29	2 21
W20	23 25	1s24	3 21	22 30	0 21	21 24	1 52	15 55	1 18	15 41	0 50	21 45	0 5	5 5	0 41	6 47	0 52	22 3	1 5	13 41	13 17	19 20	16 30	2 21
T 21	23 25	5 43	2 23	22 52	0 10	21 7	1 52	15 43	1 17	15 38	0 50	21 44	0 5	5 5	0 41	6 47	0 52	22 2	1 5	13 41	13 16	19 20	16 30	2 22
F 22	23 25	9 53	1 15	23 11	0n 1	20 50	1 52	15 31	1 17	15 34	0 50	21 43	0 5	5 6	0 41	6 47	0 52	22 2	1 5	13 42	13 14	19 20	16 31	2 22
S 23	23 24	13 40	0 1	23 29	0 12	20 33	1 53	15 19	1 16	15 31	0 50	21 42	0 5	5 6	0 41	6 47	0 52	22 2	1 5	13 42	13 13	19 19	16 32	2 22
S 24	23 23	16 44	1n16	23 44	0 22	20 15	1 52	15 7	1 15	15 28	0 50	21 40	0 5	5 7	0 41	6 47	0 52	22 2	1 5	13 42	13 12	19 19	16 32	2 22
M25	23 21	18 47	2 29	23 57	0 33	19 57	1 52	14 54	1 15	15 24	0 50	21 39	0 5	5 7	0 41	6 47	0 52	22 2	1 6	13 41	13 11	19 18	16 33	2 22
T 26	23 19	19 32	3 34	24 7	0 42	19 37	1 52	14 42	1 14	15 21	0 50	21 38	0 5	5 8	0 41	6 47	0 52	22 1	1 6	13 39	13 10	19 18	16 34	2 22
W27	23 17	18 53	4 23	24 15	0 52	19 18	1 52	14 30	1 14	15 17	0 50	21 37	0 5	5 8	0 41	6 48	0 52	22 1	1 6	13 36	13 9	19 17	16 34	2 23
T 28	23 14	16 53	4 54	24 20	1 0	18 58	1 52	14 17	1 13	15 14	0 50	21 36	0 4	5 8	0 41	6 48	0 52	22 1	1 6	13 34	13 8	19 17	16 35	2 23
F 29	23 11	13 45	5 4	24 22	1 9	18 37	1 51	14 5	1 13	15 10	0 50	21 35	0 4	5 9	0 41	6 48	0 52	22 1	1 6	13 31	13 7	19 17	16 35	2 23
S 30	23n 7	9s49	4n54	24n21	1n16	18n16	1n51	13n52	1n12	15n 6	0n50	21n34	0s 4	5n 9	0s41	6s48	0s52	22n 0	1n 6	13s28	13s 6	19n16	16n36	2s23

Julian Day Number = 2517805.5, Delta T = 145.91 sec
Ecliptic obliquity = 23°24'49, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°16'32, Lahiri = 26°23'32

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2181
geocentric

JULY 2181 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 38 5	9♋43'44	5♓19	11♋28	15♌31	26♌54	21♌41	22♋ 2	14♈43	14°R44	26♋ 0	5°R47	4♏43	28♊12	24♉43	S 1
M 2	18 42 2	10°40'57	19° 5	13°38	16°42	27°30	21°53	22°10	14°44	14♓44	26° 2	5♏43	4°40	28°19	24°46	M 2
T 3	18 45 58	11°38'10	2♈21	15°47	17°52	28° 6	22° 4	22°17	14°45	14°43	26° 3	5°41	4°37	28°26	24°49	T 3
W 4	18 49 55	12°35'23	15°11	17°55	19° 3	28°42	22°15	22°25	14°45	14°43	26° 5	5°D40	4°34	28°32	24°53	W 4
T 5	18 53 51	13°32'36	27°40	20° 2	20°13	29°18	22°27	22°33	14°46	14°42	26° 7	5°41	4°31	28°39	24°56	T 5
F 6	18 57 48	14°29'49	9♉52	22° 8	21°23	29°54	22°38	22°41	14°47	14°41	26° 8	5°R41	4°27	28°46	24°59	F 6
S 7	19 1 44	15°27'03	21°52	24°11	22°33	0♍30	22°50	22°48	14°47	14°41	26°10	5°39	4°24	28°53	25° 2	S 7
S 8	19 5 41	16°24'17	3♊45	26°14	23°43	1° 6	23° 1	22°56	14°48	14°40	26°11	5°36	4°21	28°59	25° 5	S 8
M 9	19 9 37	17°21'31	15°34	28°14	24°54	1°42	23°13	23° 4	14°49	14°39	26°13	5°30	4°18	29° 6	25° 8	M 9
T 10	19 13 34	18°18'45	27°23	0♌13	26° 4	2°19	23°25	23°12	14°49	14°39	26°15	5°21	4°15	29°13	25°10	T 10
W11	19 17 31	19°15'59	9♋14	2°10	27°13	2°55	23°37	23°19	14°50	14°38	26°16	5°10	4°12	29°19	25°13	W11
T 12	19 21 27	20°13'14	21°10	4° 5	28°23	3°31	23°49	23°27	14°50	14°37	26°18	4°58	4° 8	29°26	25°16	T 12
F 13	19 25 24	21°10'28	3♌11	5°58	29°33	4° 8	24° 1	23°35	14°50	14°36	26°19	4°45	4° 5	29°33	25°19	F 13
S 14	19 29 20	22° 7'43	15°18	7°49	0♍43	4°44	24°13	23°43	14°51	14°36	26°21	4°32	4° 2	29°39	25°21	S 14
S 15	19 33 17	23° 4'58	27°34	9°38	1°52	5°21	24°25	23°50	14°51	14°35	26°23	4°21	3°59	29°46	25°24	S 15
M16	19 37 13	24° 2'13	9♍59	11°25	3° 2	5°57	24°37	23°58	14°51	14°34	26°24	4°12	3°56	29°53	25°27	M16
T 17	19 41 10	24°59'28	22°36	13°11	4°11	6°34	24°49	24° 6	14°51	14°33	26°26	4° 6	3°53	29°59	25°29	T 17
W18	19 45 6	25°56'43	5♎27	14°54	5°20	7°10	25° 1	24°14	14°51	14°32	26°27	4° 3	3°49	0♋ 6	25°32	W18
T 19	19 49 3	26°53'58	18°35	16°36	6°30	7°47	25°13	24°22	14°51	14°31	26°29	4° 1	3°46	0°13	25°34	T 19
F 20	19 53 0	27°51'13	2♏ 2	18°15	7°39	8°24	25°25	24°29	14°R51	14°30	26°31	4° 1	3°43	0°20	25°37	F 20
S 21	19 56 56	28°48'28	15°51	19°53	8°48	9° 0	25°38	24°37	14°51	14°29	26°32	4° 1	3°40	0°26	25°39	S 21
S 22	20 0 53	29°45'44	0♐ 4	21°29	9°57	9°37	25°50	24°45	14°51	14°28	26°34	4° 0	3°37	0°33	25°41	S 22
M23	20 4 49	0♑43'00	14°38	23° 2	11° 5	10°14	26° 3	24°53	14°51	14°27	26°35	3°56	3°33	0°40	25°44	M23
T 24	20 8 46	1°40'16	29°32	24°34	12°14	10°51	26°15	25° 0	14°51	14°26	26°37	3°49	3°30	0°46	25°46	T 24
W25	20 12 42	2°37'32	14♑37	26° 4	13°23	11°28	26°27	25° 8	14°51	14°25	26°39	3°40	3°27	0°53	25°48	W25
T 26	20 16 39	3°34'49	29°44	27°32	14°31	12° 5	26°40	25°16	14°50	14°24	26°40	3°30	3°24	1° 0	25°50	T 26
F 27	20 20 35	4°32'06	14♒44	28°58	15°39	12°42	26°52	25°24	14°50	14°23	26°42	3°19	3°21	1° 7	25°52	F 27
S 28	20 24 32	5°29'24	29°26	0♍22	16°48	13°19	27° 5	25°31	14°50	14°21	26°43	3° 9	3°18	1°13	25°54	S 28
S 29	20 28 29	6°26'43	13♓44	1°44	17°56	13°56	27°18	25°39	14°49	14°20	26°45	3° 1	3°14	1°20	25°56	S 29
M30	20 32 25	7°24'02	27°33	3° 4	19° 4	14°33	27°30	25°47	14°49	14°19	26°47	2°55	3°11	1°27	25°58	M30
T 31	20 36 22	8♌21'23	10♈53	4♍21	20♍11	15♍10	27♌43	25♋54	14♈48	14♓18	26♋48	2♏51	3♏ 8	1♋33	26♉ 0	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl	lat
S 1	23n 3	5s26	4n25	24n18	1n23	17n55	1n50	13n39	1n11	15n 3	0n50	21n33	0s 4	5n 9	0s41	6s48	0s52	22n 0	1n 6	13s26	13s 5	19n16		16n37	2s23
M 2	22 59	0 55	3 42	24 12	1 29	17 33	1 49	13 26	1 11	14 59	0 50	21 32	0 4	5 10	0 41	6 49	0 52	22 0	1 6	13 25	13 4	19 15		16 37	2 23
T 3	22 54	3n30	2 48	24 3	1 35	17 11	1 48	13 13	1 10	14 55	0 50	21 30	0 4	5 10	0 41	6 49	0 52	22 0	1 6	13 24	13 3	19 15		16 38	2 24
W 4	22 49	7 37	1 47	23 51	1 39	16 48	1 47	13 0	1 10	14 52	0 50	21 29	0 4	5 10	0 41	6 49	0 52	21 59	1 6	13 24	13 2	19 14		16 38	2 24
T 5	22 44	11 18	0 43	23 37	1 43	16 25	1 46	12 47	1 9	14 48	0 50	21 28	0 4	5 11	0 41	6 49	0 52	21 59	1 6	13 24	13 1	19 14		16 39	2 24
F 6	22 38	14 24	0s22	23 21	1 46	16 1	1 45	12 34	1 8	14 44	0 50	21 27	0 4	5 11	0 41	6 50	0 52	21 59	1 6	13 24	13 0	19 14		16 39	2 24
S 7	22 31	16 51	1 25	23 2	1 49	15 37	1 44	12 21	1 8	14 40	0 50	21 26	0 4	5 11	0 41	6 50	0 52	21 59	1 6	13 24	12 58	19 13		16 40	2 24
S 8	22 24	18 32	2 23	22 41	1 50	15 13	1 43	12 7	1 7	14 37	0 50	21 24	0 4	5 11	0 42	6 50	0 52	21 58	1 6	13 23	12 57	19 13		16 40	2 25
M 9	22 17	19 24	3 15	22 19	1 51	14 48	1 41	11 54	1 7	14 33	0 50	21 23	0 3	5 11	0 42	6 50	0 52	21 58	1 6	13 21	12 56	19 12		16 41	2 25
T 10	22 10	19 25	3 58	21 54	1 52	14 23	1 40	11 40	1 6	14 29	0 50	21 22	0 3	5 12	0 42	6 51	0 52	21 58	1 6	13 18	12 55	19 12		16 41	2 25
W11	22 2	18 35	4 31	21 28	1 51	13 58	1 38	11 27	1 6	14 25	0 50	21 21	0 3	5 12	0 42	6 51	0 52	21 58	1 6	13 14	12 54	19 11		16 42	2 25
T 12	21 54	16 56	4 52	21 0	1 50	13 32	1 37	11 13	1 5	14 21	0 50	21 20	0 3	5 12	0 42	6 51	0 52	21 57	1 6	13 10	12 53	19 11		16 42	2 25
F 13	21 45	14 33	5 1	20 31	1 48	13 6	1 35	10 59	1 4	14 17	0 50	21 18	0 3	5 12	0 42	6 52	0 52	21 57	1 7	13 5	12 52	19 10		16 43	2 26
S 14	21 36	11 31	4 55	20 0	1 46	12 40	1 33	10 45	1 4	14 13	0 50	21 17	0 3	5 12	0 42	6 52	0 53	21 57	1 7	13 1	12 51	19 10		16 43	2 26
S 15	21 26	7 58	4 37	19 28	1 43	12 13	1 31	10 31	1 3	14 9	0 50	21 16	0 3	5 12	0 42	6 52	0 53	21 57	1 7	12 57	12 50	19 9		16 44	2 26
M16	21 17	4 2	4 5	18 56	1 39	11 46	1 29	10 17	1 3	14 5	0 50	21 15	0 3	5 12	0 42	6 53	0 53	21 56	1 7	12 54	12 49	19 9		16 44	2 26
T 17	21 7	0s 8	3 20	18 22	1 35	11 19	1 27	10 3	1 2	14 1	0 50	21 13	0 3	5 12	0 42	6 53	0 53	21 56	1 7	12 52	12 48	19 8		16 45	2 26
W18	20 56	4 23	2 25	17 47	1 31	10 51	1 25	9 49	1 2	13 57	0 50	21 12	0 3	5 12	0 42	6 54	0 53	21 56	1 7	12 51	12 47	19 8		16 45	2 27
T 19	20 45	8 31	1 21	17 12	1 25	10 24	1 22	9 35	1 1	13 53	0 50	21 11	0 3	5 12	0 42	6 54	0 53	21 56	1 7	12 51	12 46	19 7		16 45	2 27
F 20	20 34	12 20	0 11	16 36	1 20	9 56	1 20	9 21	1 1	13 49	0 50	21 9	0 3	5 12	0 42	6 54	0 53	21 55	1 7	12 51	12 45	19 7		16 46	2 27
S 21	20 23	15 34	1n 2	16 0	1 14	9 28	1 18	9 7	1 0	13 44	0 50	21 8	0 2	5 12	0 42	6 55	0 53	21 55	1 7	12 51	12 43	19 6		16 46	2 27
S 22	20 11	17 58	2 13	15 23	1 7	8 59	1 15	8 52	0 59	13 40	0 50	21 7	0 2	5 12	0 42	6 55	0 53	21 55	1 7	12 50	12 42	19 6		16 46	2 27
M23	19 59	19 16	3 17	14 46	1 0	8 31	1 12	8 38	0 59	13 36	0 50	21 6	0 2	5 12	0 42	6 56	0 53	21 55	1 7	12 49	12 41	19 5		16 47	2 28
T 24	19 46	19 16	4 9	14 9	0 53	8 2	1 9	8 23	0 58	13 32	0 50	21 4	0 2	5 12	0 42	6 56	0 53	21 55	1 7	12 47	12 40	19 5		16 47	2 28
W25	19 33	17 54	4 44	13 31	0 45	7 33	1 7	8 9	0 58	13 28	0 50	21 3	0 2	5 12	0 42	6 57	0 53	21 54	1 7	12 44	12 39	19 4		16 47	2 28
T 26	19 20	15 18	5 0	12 53	0 37	7 4	1 4	7 54	0 57	13 23	0 50	21 2	0 2	5 12	0 42	6 57	0 53	21 54	1 7	12 40	12 38	19 4		16 48	2 28
F 27	19 6	11 42	4 55	12 16	0 28	6 35	1 1	7 40	0 57	13 19	0 50	21 0	0 2	5 12	0 42	6 57	0 53	21 54	1 7	12 36	12 37	19 3		16 48	2 29
S 28	18 53	7 26	4 30	11 38	0 19	6 5	0 57	7 25	0 56	13 15	0 50	20 59	0 2	5 11	0 42	6 58	0 53	21 54	1 7	12 33	12 36	19 3		16 48	2 29
S 29	18 39	2 52	3 49	11 0	0 10	5 36	0 54	7 10	0 55	13 11	0 50	20 58	0 2	5 11	0 42	6 58	0 53	21 53	1 8	12 30	12 35	19 2		16 48	2 29
M30	18 24	1n42	2 55	10 23	0 1	5 6	0 51	6 55	0 55	13 6	0 50	20 56	0 2	5 11	0 42	6 59	0 53	21 53	1 8	12 28	12 34	19 2		16 48	2 29
T 31	18n 9	6n 3	1n53	9n46	0s 9	4n36	0n47	6n40	0n54	13n 2	0n50	20n55	0s 2	5n11	0s42	6s59	0s53	21n53	1n 8	12s27	12s33	19n 1		16n49	2s30

Julian Day Number = 2517835.5, Delta T = 145.99 sec
Ecliptic obliquity = 23°24'48, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°16'36, Lahiri = 26°23'36

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2181
geocentric

AUGUST 2181 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 40 18	9♌18'44	23♈47	5♍37	21♍19	15♍47	27♌56	26♋ 2	14°R48	14°R17	26♋50	2°R50	3♏ 5	1♋40	26♉ 2	W 1
T 2	20 44 15	10°16'06	6♉18	6°50	22°27	16°24	28° 8	26°10	14♈47	14♓15	26°51	2♏50	3° 2	1°47	26° 4	T 2
F 3	20 48 11	11°13'30	18°30	8° 1	23°34	17° 2	28°21	26°17	14°46	14°14	26°53	2°50	2°59	1°53	26° 5	F 3
S 4	20 52 8	12°10'55	0♊30	9°10	24°42	17°39	28°34	26°25	14°46	14°13	26°55	2°49	2°55	2° 0	26° 7	S 4
S 5	20 56 4	13° 8'21	12°22	10°16	25°49	18°16	28°47	26°33	14°45	14°11	26°56	2°46	2°52	2° 7	26° 9	S 5
M 6	21 0 1	14° 5'48	24°12	11°20	26°56	18°54	29° 0	26°40	14°44	14°10	26°58	2°40	2°49	2°14	26°10	M 6
T 7	21 3 58	15° 3'16	6♋ 2	12°21	28° 3	19°31	29°12	26°48	14°43	14° 9	26°59	2°32	2°46	2°20	26°12	T 7
W 8	21 7 54	16° 0'45	17°58	13°19	29°10	20° 9	29°25	26°55	14°43	14° 7	27° 1	2°21	2°43	2°27	26°13	W 8
T 9	21 11 51	16°58'15	29°59	14°15	0♎16	20°46	29°38	27° 3	14°42	14° 6	27° 2	2° 8	2°39	2°34	26°14	T 9
F 10	21 15 47	17°55'46	12♌10	15° 7	1°23	21°24	29°51	27°10	14°41	14° 4	27° 4	1°55	2°36	2°40	26°16	F 10
S 11	21 19 44	18°53'19	24°30	15°56	2°29	22° 1	0♍ 4	27°18	14°40	14° 3	27° 5	1°43	2°33	2°47	26°17	S 11
S 12	21 23 40	19°50'52	7♍ 0	16°42	3°35	22°39	0°17	27°25	14°39	14° 1	27° 7	1°32	2°30	2°54	26°18	S 12
M13	21 27 37	20°48'26	19°40	17°25	4°42	23°17	0°30	27°32	14°37	14° 0	27° 8	1°23	2°27	3° 1	26°19	M13
T 14	21 31 33	21°46'02	2♎31	18° 3	5°47	23°54	0°43	27°40	14°36	13°58	27°10	1°18	2°24	3° 7	26°20	T 14
W15	21 35 30	22°43'38	15°34	18°38	6°53	24°32	0°56	27°47	14°35	13°57	27°11	1°14	2°20	3°14	26°21	W15
T 16	21 39 27	23°41'15	28°51	19° 9	7°59	25°10	1° 9	27°54	14°34	13°55	27°13	1°D13	2°17	3°21	26°22	T 16
F 17	21 43 23	24°38'53	12♏21	19°35	9° 4	25°48	1°22	28° 2	14°33	13°54	27°14	1°14	2°14	3°27	26°23	F 17
S 18	21 47 20	25°36'32	26° 8	19°57	10° 9	26°26	1°35	28° 9	14°31	13°52	27°16	1°R14	2°11	3°34	26°24	S 18
S 19	21 51 16	26°34'12	10♐12	20°14	11°14	27° 4	1°48	28°16	14°30	13°51	27°17	1°13	2° 8	3°41	26°25	S 19
M20	21 55 13	27°31'53	24°32	20°27	12°19	27°42	2° 1	28°23	14°29	13°49	27°19	1°11	2° 4	3°47	26°25	M20
T 21	21 59 9	28°29'36	9♑ 6	20°34	13°23	28°20	2°14	28°30	14°27	13°48	27°20	1° 6	2° 1	3°54	26°26	T 21
W22	22 3 6	29°27'19	23°49	20°R35	14°28	28°58	2°27	28°37	14°26	13°46	27°21	0°58	1°58	4° 1	26°27	W22
T 23	22 7 2	0♍25'03	8♒35	20°31	15°32	29°36	2°40	28°44	14°24	13°45	27°23	0°50	1°55	4° 8	26°27	T 23
F 24	22 10 59	1°22'48	23°16	20°21	16°36	0♎14	2°53	28°51	14°23	13°43	27°24	0°41	1°52	4°14	26°28	F 24
S 25	22 14 56	2°20'35	7♓44	20° 6	17°39	0°52	3° 7	28°58	14°21	13°41	27°26	0°32	1°49	4°21	26°28	S 25
S 26	22 18 52	3°18'23	21°52	19°44	18°43	1°31	3°20	29° 5	14°19	13°40	27°27	0°25	1°45	4°28	26°29	S 26
M27	22 22 49	4°16'13	5♈37	19°17	19°46	2° 9	3°33	29°12	14°18	13°38	27°28	0°20	1°42	4°34	26°29	M27
T 28	22 26 45	5°14'04	18°56	18°45	20°49	2°47	3°46	29°19	14°16	13°36	27°30	0°18	1°39	4°41	26°29	T 28
W29	22 30 42	6°11'57	1♉51	18° 6	21°52	3°26	3°59	29°26	14°14	13°35	27°31	0°D17	1°36	4°48	26°29	W29
T 30	22 34 38	7° 9'52	14°24	17°23	22°54	4° 4	4°12	29°33	14°13	13°33	27°32	0°18	1°33	4°55	26°29	T 30
F 31	22 38 35	8♍ 7'49	26♉39	16♍36	23♎56	4♎42	4♍25	29♋39	14♈11	13♓32	27♋33	0♏19	1♏30	5♋ 1	26°R29	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17n54	9n58	0n48	9n 9	0s19	4n 7	0n44	6n26	0n54	12n58	0n50	20n54	0s 1	5n10	0s42	7s 0	0s53	21n53	1n 8	12s27	12s32	19n 1	16n49	2s30
T 2	17 39	13 19	0s18	8 33	0 29	3 37	0 40	6 11	0 53	12 53	0 50	20 52	0 1	5 10	0 42	7 0	0 53	21 52	1 8	12 26	12 31	19 0	16 49	2 30
F 3	17 23	16 0	1 22	7 57	0 39	3 7	0 36	5 56	0 53	12 49	0 50	20 51	0 1	5 10	0 42	7 1	0 53	21 52	1 8	12 26	12 29	18 59	16 49	2 30
S 4	17 7	17 56	2 21	7 21	0 50	2 36	0 33	5 40	0 52	12 44	0 50	20 50	0 1	5 10	0 42	7 2	0 53	21 52	1 8	12 26	12 28	18 59	16 49	2 30
S 5	16 51	19 4	3 13	6 46	1 1	2 6	0 29	5 25	0 51	12 40	0 50	20 48	0 1	5 9	0 42	7 2	0 53	21 52	1 8	12 25	12 27	18 58	16 50	2 31
M 6	16 35	19 21	3 57	6 12	1 12	1 36	0 25	5 10	0 51	12 35	0 50	20 47	0 1	5 9	0 42	7 3	0 53	21 51	1 8	12 23	12 26	18 58	16 50	2 31
T 7	16 18	18 47	4 30	5 38	1 23	1 6	0 21	4 55	0 50	12 31	0 50	20 46	0 1	5 9	0 42	7 3	0 53	21 51	1 8	12 20	12 25	18 57	16 50	2 31
W 8	16 1	17 23	4 52	5 6	1 34	0 35	0 17	4 40	0 50	12 27	0 50	20 44	0 1	5 8	0 42	7 4	0 53	21 51	1 8	12 17	12 24	18 57	16 50	2 31
T 9	15 44	15 14	5 1	4 34	1 46	0 5	0 13	4 25	0 49	12 22	0 50	20 43	0 1	5 8	0 42	7 4	0 53	21 51	1 8	12 12	12 23	18 56	16 50	2 32
F 10	15 26	12 23	4 56	4 3	1 57	0s25	0 8	4 9	0 49	12 17	0 50	20 41	0 1	5 8	0 42	7 5	0 53	21 51	1 8	12 8	12 22	18 56	16 50	2 32
S 11	15 9	8 58	4 38	3 34	2 8	0 56	0 4	3 54	0 48	12 13	0 50	20 40	0 1	5 7	0 43	7 5	0 53	21 50	1 8	12 3	12 21	18 55	16 50	2 32
S 12	14 51	5 7	4 6	3 6	2 20	1 26	0s 0	3 38	0 47	12 8	0 50	20 39	0 1	5 7	0 43	7 6	0 53	21 50	1 9	12 0	12 20	18 54	16 50	2 32
M13	14 33	1 0	3 22	2 39	2 31	1 56	0 5	3 23	0 47	12 4	0 50	20 37	0 0	5 6	0 43	7 7	0 53	21 50	1 9	11 57	12 19	18 54	16 50	2 33
T 14	14 14	3s14	2 26	2 13	2 43	2 27	0 9	3 8	0 46	11 59	0 50	20 36	0 0	5 6	0 43	7 7	0 53	21 50	1 9	11 55	12 17	18 53	16 50	2 33
W15	13 55	7 23	1 22	1 49	2 54	2 57	0 14	2 52	0 46	11 55	0 50	20 35	0 0	5 5	0 43	7 8	0 53	21 49	1 9	11 54	12 16	18 53	16 50	2 33
T 16	13 37	11 15	0 13	1 27	3 5	3 27	0 19	2 37	0 45	11 50	0 50	20 33	0 0	5 5	0 43	7 8	0 53	21 49	1 9	11 53	12 15	18 52	16 50	2 33
F 17	13 18	14 36	0n59	1 7	3 16	3 57	0 24	2 21	0 45	11 46	0 50	20 32	0 0	5 4	0 43	7 9	0 53	21 49	1 9	11 53	12 14	18 51	16 50	2 34
S 18	12 58	17 11	2 9	0 49	3 26	4 27	0 28	2 6	0 44	11 41	0 50	20 31	0n 0	5 4	0 43	7 10	0 53	21 49	1 9	11 53	12 13	18 51	16 50	2 34
S 19	12 39	18 47	3 12	0 33	3 37	4 57	0 33	1 50	0 44	11 36	0 50	20 29	0 0	5 3	0 43	7 10	0 53	21 49	1 9	11 53	12 12	18 50	16 50	2 34
M20	12 19	19 14	4 5	0 19	3 46	5 27	0 38	1 34	0 43	11 32	0 50	20 28	0 0	5 3	0 43	7 11	0 54	21 48	1 9	11 52	12 11	18 50	16 50	2 34
T 21	11 59	18 25	4 42	0 8	3 55	5 57	0 43	1 19	0 42	11 27	0 50	20 27	0 0	5 2	0 43	7 11	0 54	21 48	1 9	11 50	12 10	18 49	16 50	2 35
W22	11 39	16 22	5 2	0s 1	4 4	6 26	0 48	1 3	0 42	11 22	0 50	20 25	0 0	5 1	0 43	7 12	0 54	21 48	1 9	11 48	12 9	18 48	16 50	2 35
T 23	11 19	13 15	5 1	0 6	4 12	6 56	0 54	0 47	0 41	11 18	0 51	20 24	0 0	5 1	0 43	7 13	0 54	21 48	1 9	11 45	12 8	18 48	16 50	2 35
F 24	10 58	9 19	4 41	0 9	4 19	7 25	0 59	0 32	0 41	11 13	0 51	20 23	0 1	5 0	0 43	7 13	0 54	21 48	1 9	11 42	12 7	18 47	16 49	2 35
S 25	10 38	4 54	4 3	0 8	4 25	7 55	1 4	0 16	0 40	11 8	0 51	20 21	0 1	5 0	0 43	7 14	0 54	21 47	1 10	11 39	12 5	18 47	16 49	2 36
S 26	10 17	0 18	3 11	0 5	4 30	8 24	1 9	0 0	0 40	11 4	0 51	20 20	0 1	4 59	0 43	7 15	0 54	21 47	1 10	11 36	12 4	18 46	16 49	2 36
M27	9 56	4n12	2 8	0n 3	4 33	8 53	1 15	0s15	0 39	10 59	0 51	20 19	0 1	4 58	0 43	7 15	0 54	21 47	1 10	11 35	12 3	18 45	16 49	2 36
T 28	9 35	8 21	1 1	0 13	4 35	9 21	1 20	0 31	0 38	10 54	0 51	20 17	0 1	4 58	0 43	7 16	0 54	21 47	1 10	11 34	12 2	18 45	16 49	2 36
W29	9 14	11 58	0s 8	0 28	4 36	9 50	1 26	0 47	0 38	10 50	0 51	20 16	0 1	4 57	0 43	7 17	0 54	21 47	1 10	11 34	12 1	18 44	16 49	2 37
T 30	8 52	14 57	1 15	0 45	4 35	10 18	1 31	1 3	0 37	10 45	0 51	20 15	0 1	4 56	0 43	7 17	0 54	21 46	1 10	11 34	12 0	18 43	16 48	2 37
F 31	8n31	17n10	2s17	1n 6	4s32	10s47	1s37	1s18	0n37	10n40	0n51	20n13	0n 1	4n56	0s43	7s18	0s54	21n46	1n10	11s34	11s59	18n43	16n48	2s37

Julian Day Number = 2517866.5, Delta T = 146.06 sec
Ecliptic obliquity = 23°24'49, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°16'40, Lahiri = 26°23'40

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2181
geocentric

SEPTEMBER 2181 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 42 31	9♍ 5'47	8♊41	15°R45	24♎58	5♎21	4♍38	29♋46	14°R 9	13°R30	27♋35	0°R19	1♏26	5♋ 8	26°R29	S 1
S 2	22 46 28	10° 3'48	20°35	14♍50	26° 0	6° 0	4°51	29°52	14♈ 7	13♓28	27°36	0♏19	1°23	5°15	26♉29	S 2
M 3	22 50 25	11° 1'50	2♋26	13°54	27° 1	6°38	5° 4	29°59	14° 5	13°27	27°37	0°16	1°20	5°21	26°29	M 3
T 4	22 54 21	11°59'54	14°19	12°57	28° 2	7°17	5°17	0♌ 6	14° 3	13°25	27°38	0°12	1°17	5°28	26°29	T 4
W 5	22 58 18	12°58'00	26°18	12° 1	29° 3	7°55	5°30	0°12	14° 1	13°23	27°40	0° 5	1°14	5°35	26°29	W 5
T 6	23 2 14	13°56'07	8♌26	11° 6	0♏ 3	8°34	5°43	0°18	13°59	13°22	27°41	29♎58	1°10	5°41	26°28	T 6
F 7	23 6 11	14°54'17	20°46	10°14	1° 4	9°13	5°56	0°25	13°57	13°20	27°42	29°49	1° 7	5°48	26°28	F 7
S 8	23 10 7	15°52'28	3♍18	9°26	2° 3	9°52	6° 9	0°31	13°55	13°18	27°43	29°41	1° 4	5°55	26°28	S 8
S 9	23 14 4	16°50'41	16° 5	8°43	3° 3	10°31	6°22	0°37	13°53	13°17	27°44	29°34	1° 1	6° 2	26°27	S 9
M10	23 18 0	17°48'56	29° 4	8° 6	4° 2	11°10	6°35	0°43	13°51	13°15	27°45	29°29	0°58	6° 8	26°26	M10
T 11	23 21 57	18°47'12	12♎17	7°37	5° 0	11°49	6°48	0°49	13°49	13°13	27°47	29°26	0°55	6°15	26°26	T 11
W12	23 25 53	19°45'30	25°41	7°15	5°59	12°28	7° 1	0°55	13°47	13°12	27°48	29°D24	0°51	6°22	26°25	W12
T 13	23 29 50	20°43'50	9♏16	7° 2	6°57	13° 7	7°14	1° 1	13°45	13°10	27°49	29°25	0°48	6°28	26°24	T 13
F 14	23 33 47	21°42'11	23° 2	6°D58	7°54	13°46	7°27	1° 7	13°43	13° 9	27°50	29°26	0°45	6°35	26°24	F 14
S 15	23 37 43	22°40'34	6♐57	7° 3	8°51	14°25	7°40	1°13	13°40	13° 7	27°51	29°27	0°42	6°42	26°23	S 15
S 16	23 41 40	23°38'59	21° 1	7°17	9°48	15° 4	7°52	1°19	13°38	13° 5	27°52	29°R28	0°39	6°49	26°22	S 16
M17	23 45 36	24°37'25	5♑13	7°40	10°44	15°44	8° 5	1°25	13°36	13° 4	27°53	29°28	0°36	6°55	26°21	M17
T 18	23 49 33	25°35'52	19°31	8°13	11°40	16°23	8°18	1°30	13°34	13° 2	27°54	29°26	0°32	7° 2	26°20	T 18
W19	23 53 29	26°34'21	3♒51	8°54	12°35	17° 2	8°31	1°36	13°31	13° 0	27°55	29°22	0°29	7° 9	26°19	W19
T 20	23 57 26	27°32'52	18°11	9°43	13°29	17°42	8°43	1°41	13°29	12°59	27°56	29°18	0°26	7°15	26°17	T 20
F 21	0 1 22	28°31'24	2♓24	10°40	14°23	18°21	8°56	1°47	13°27	12°57	27°57	29°13	0°23	7°22	26°16	F 21
S 22	0 5 19	29°29'58	16°27	11°44	15°17	19° 1	9° 9	1°52	13°24	12°56	27°57	29° 9	0°20	7°29	26°15	S 22
S 23	0 9 16	0♎28'34	0♈15	12°56	16°10	19°40	9°21	1°57	13°22	12°54	27°58	29° 6	0°16	7°36	26°14	S 23
M24	0 13 12	1°27'12	13°44	14°13	17° 2	20°20	9°34	2° 3	13°20	12°53	27°59	29° 3	0°13	7°42	26°12	M24
T 25	0 17 9	2°25'52	26°54	15°35	17°54	20°59	9°47	2° 8	13°17	12°51	28° 0	29°D 2	0°10	7°49	26°11	T 25
W26	0 21 5	3°24'33	9♉44	17° 3	18°45	21°39	9°59	2°13	13°15	12°50	28° 1	29° 3	0° 7	7°56	26° 9	W26
T 27	0 25 2	4°23'17	22°15	18°35	19°35	22°19	10°12	2°18	13°13	12°48	28° 2	29° 4	0° 4	8° 2	26° 8	T 27
F 28	0 28 58	5°22'04	4♊31	20°10	20°25	22°58	10°24	2°23	13°10	12°47	28° 2	29° 6	0° 1	8° 9	26° 6	F 28
S 29	0 32 55	6°20'52	16°34	21°48	21°14	23°38	10°36	2°27	13° 8	12°45	28° 3	29° 7	29♎57	8°16	26° 4	S 29
S 30	0 36 51	7♎19'43	28♊29	23♍29	22♏ 2	24♎18	10♍49	2♌32	13♈ 5	12♓44	28♋ 4	29♎ 8	29♎54	8♋23	26♉ 3	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n 9	18n34	3s12	1n31	4s27	11s15	1s42	1s34	0n36	10n36	0n51	20n12	0n 1	4n55	0s43	7s18	0s54	21n46	1n10	11s34	11s58	18n42	16n48	2s37
S 2	7 47	19 8	3 57	1 57	4 21	11 42	1 48	1 50	0 36	10 31	0 51	20 11	0 1	4 54	0 43	7 19	0 54	21 46	1 10	11 34	11 57	18 42	16 48	2 38
M 3	7 25	18 51	4 32	2 27	4 12	12 10	1 54	2 6	0 35	10 26	0 51	20 9	0 1	4 53	0 43	7 20	0 54	21 46	1 10	11 33	11 56	18 41	16 47	2 38
T 4	7 3	17 44	4 56	2 58	4 1	12 37	1 59	2 22	0 34	10 22	0 51	20 8	0 2	4 53	0 43	7 20	0 54	21 46	1 10	11 32	11 54	18 40	16 47	2 38
W 5	6 41	15 50	5 7	3 31	3 49	13 4	2 5	2 37	0 34	10 17	0 51	20 7	0 2	4 52	0 43	7 21	0 54	21 45	1 10	11 29	11 53	18 40	16 47	2 38
T 6	6 19	13 14	5 4	4 5	3 35	13 31	2 11	2 53	0 33	10 12	0 51	20 5	0 2	4 51	0 43	7 22	0 54	21 45	1 11	11 27	11 52	18 39	16 46	2 39
F 7	5 56	10 0	4 48	4 38	3 20	13 58	2 17	3 9	0 33	10 7	0 52	20 4	0 2	4 50	0 43	7 22	0 54	21 45	1 11	11 24	11 51	18 38	16 46	2 39
S 8	5 34	6 17	4 17	5 12	3 3	14 24	2 22	3 25	0 32	10 3	0 52	20 3	0 2	4 49	0 43	7 23	0 54	21 45	1 11	11 21	11 50	18 38	16 46	2 39
S 9	5 11	2 13	3 33	5 44	2 45	14 50	2 28	3 40	0 32	9 58	0 52	20 2	0 2	4 49	0 43	7 24	0 54	21 45	1 11	11 19	11 49	18 37	16 45	2 39
M10	4 49	2s 2	2 37	6 15	2 26	15 16	2 34	3 56	0 31	9 53	0 52	20 0	0 2	4 48	0 43	7 24	0 54	21 45	1 11	11 17	11 48	18 36	16 45	2 40
T 11	4 26	6 15	1 32	6 44	2 7	15 41	2 40	4 12	0 30	9 48	0 52	19 59	0 2	4 47	0 43	7 25	0 54	21 45	1 11	11 16	11 47	18 36	16 45	2 40
W12	4 3	10 14	0 20	7 10	1 48	16 6	2 46	4 28	0 30	9 44	0 52	19 58	0 2	4 46	0 43	7 25	0 54	21 44	1 11	11 15	11 46	18 35	16 44	2 40
T 13	3 40	13 43	0n53	7 33	1 28	16 31	2 52	4 43	0 29	9 39	0 52	19 57	0 2	4 45	0 43	7 26	0 54	21 44	1 11	11 15	11 44	18 34	16 44	2 40
F 14	3 17	16 30	2 5	7 52	1 9	16 56	2 58	4 59	0 29	9 34	0 52	19 56	0 2	4 44	0 43	7 27	0 54	21 44	1 11	11 16	11 43	18 34	16 43	2 41
S 15	2 54	18 19	3 10	8 8	0 50	17 20	3 4	5 15	0 28	9 30	0 52	19 54	0 3	4 44	0 43	7 27	0 54	21 44	1 11	11 16	11 42	18 33	16 43	2 41
S 16	2 31	19 3	4 5	8 20	0 32	17 44	3 9	5 30	0 28	9 25	0 52	19 53	0 3	4 43	0 43	7 28	0 54	21 44	1 11	11 16	11 41	18 32	16 42	2 41
M17	2 8	18 34	4 45	8 27	0 15	18 7	3 15	5 46	0 27	9 20	0 52	19 52	0 3	4 42	0 43	7 29	0 54	21 44	1 12	11 16	11 40	18 31	16 42	2 41
T 18	1 45	16 56	5 7	8 31	0n 2	18 30	3 21	6 2	0 26	9 16	0 52	19 51	0 3	4 41	0 43	7 29	0 54	21 44	1 12	11 16	11 39	18 31	16 41	2 42
W19	1 22	14 14	5 11	8 30	0 17	18 53	3 27	6 17	0 26	9 11	0 53	19 50	0 3	4 40	0 43	7 30	0 54	21 44	1 12	11 14	11 38	18 30	16 41	2 42
T 20	0 58	10 41	4 55	8 25	0 32	19 15	3 33	6 33	0 25	9 6	0 53	19 49	0 3	4 39	0 43	7 30	0 54	21 44	1 12	11 13	11 37	18 29	16 41	2 42
F 21	0 35	6 32	4 21	8 15	0 45	19 37	3 39	6 48	0 25	9 2	0 53	19 48	0 3	4 38	0 43	7 31	0 54	21 43	1 12	11 11	11 36	18 29	16 40	2 42
S 22	0 12	2 5	3 32	8 2	0 57	19 59	3 44	7 4	0 24	8 57	0 53	19 47	0 3	4 37	0 43	7 32	0 54	21 43	1 12	11 10	11 34	18 28	16 39	2 43
S 23	0s11	2n25	2 31	7 45	1 8	20 20	3 50	7 19	0 23	8 52	0 53	19 45	0 3	4 36	0 43	7 32	0 54	21 43	1 12	11 8	11 33	18 27	16 39	2 43
M24	0 35	6 41	1 23	7 24	1 17	20 40	3 56	7 35	0 23	8 48	0 53	19 44	0 3	4 36	0 43	7 33	0 54	21 43	1 12	11 8	11 32	18 27	16 38	2 43
T 25	0 58	10 32	0 12	7 0	1 26	21 1	4 2	7 50	0 22	8 43	0 53	19 43	0 4	4 35	0 43	7 33	0 54	21 43	1 12	11 7	11 31	18 26	16 38	2 43
W26	1 21	13 47	0s58	6 32	1 33	21 21	4 7	8 6	0 22	8 38	0 53	19 42	0 4	4 34	0 43	7 34	0 54	21 43	1 12	11 7	11 30	18 25	16 37	2 43
T 27	1 45	16 19	2 4	6 2	1 39	21 40	4 13	8 21	0 21	8 34	0 53	19 41	0 4	4 33	0 43	7 35	0 54	21 43	1 12	11 8	11 29	18 24	16 37	2 44
F 28	2 8	18 1	3 3	5 29	1 44	21 59	4 19	8 36	0 21	8 29	0 54	19 40	0 4	4 32	0 43	7 35	0 54	21 43	1 13	11 8	11 28	18 24	16 36	2 44
S 29	2 31	18 53	3 52	4 54	1 48	22 17	4 24	8 51	0 20	8 25	0 54	19 39	0 4	4 31	0 43	7 36	0 54	21 43	1 13	11 9	11 27	18 23	16 35	2 44
S 30	2s54	18n53	4s31	4n17	1n50	22s36	4s29	9s 7	0n19	8n20	0n54	19n38	0n 4	4n30	0s43	7s36	0s54	21n43	1n13	11s 9	11s26	18n22	16n35	2s44

Julian Day Number = 2517897.5, Delta T = 146.13 sec
Ecliptic obliquity = 23°24'49, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°16'44, Lahiri = 26°23'45

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2181
geocentric

OCTOBER 2181 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 40 48	8♎18'36	10♋22	25♍12	22♏50	24♎58	11♍ 1	2♌37	13°R 3	12°R42	28♋ 5	29°R 9	29♎51	8♋29	26°R 1	M 1
T 2	0 44 45	9°17'31	22°16	26°56	23°36	25°38	11°13	2°41	13♈ 1	12♓41	28° 5	29♎ 8	29°48	8°36	25♉59	T 2
W 3	0 48 41	10°16'28	4♌16	28°42	24°22	26°18	11°26	2°46	12°58	12°39	28° 6	29° 7	29°45	8°43	25°57	W 3
T 4	0 52 38	11°15'28	16°27	0♎28	25° 7	26°58	11°38	2°50	12°56	12°38	28° 7	29° 4	29°41	8°49	25°55	T 4
F 5	0 56 34	12°14'30	28°51	2°15	25°51	27°38	11°50	2°55	12°53	12°36	28° 7	29° 2	29°38	8°56	25°53	F 5
S 6	1 0 31	13°13'34	11♍33	4° 2	26°34	28°18	12° 2	2°59	12°51	12°35	28° 8	28°59	29°35	9° 3	25°51	S 6
S 7	1 4 27	14°12'40	24°33	5°50	27°16	28°59	12°14	3° 3	12°48	12°34	28° 8	28°57	29°32	9°10	25°49	S 7
M 8	1 8 24	15°11'48	7♎51	7°37	27°57	29°39	12°26	3° 7	12°46	12°32	28° 9	28°56	29°29	9°16	25°47	M 8
T 9	1 12 20	16°10'59	21°26	9°25	28°37	0♏19	12°38	3°11	12°44	12°31	28° 9	28°55	29°26	9°23	25°45	T 9
W10	1 16 17	17°10'11	5♏16	11°12	29°16	1° 0	12°50	3°15	12°41	12°30	28°10	28°D55	29°22	9°30	25°43	W10
T 11	1 20 13	18° 9'26	19°19	12°58	29°54	1°40	13° 1	3°19	12°39	12°29	28°10	28°56	29°19	9°36	25°40	T 11
F 12	1 24 10	19° 8'42	3♐29	14°44	0♐30	2°20	13°13	3°22	12°36	12°27	28°11	28°56	29°16	9°43	25°38	F 12
S 13	1 28 7	20° 8'00	17°45	16°30	1° 6	3° 1	13°25	3°26	12°34	12°26	28°11	28°57	29°13	9°50	25°36	S 13
S 14	1 32 3	21° 7'20	2♑ 2	18°15	1°40	3°42	13°36	3°29	12°32	12°25	28°11	28°58	29°10	9°57	25°33	S 14
M15	1 36 0	22° 6'42	16°17	19°59	2°12	4°22	13°48	3°33	12°29	12°24	28°12	28°R58	29° 7	10° 3	25°31	M15
T 16	1 39 56	23° 6'05	0♒28	21°43	2°43	5° 3	13°59	3°36	12°27	12°22	28°12	28°58	29° 3	10°10	25°28	T 16
W17	1 43 53	24° 5'30	14°33	23°26	3°13	5°44	14°11	3°39	12°24	12°21	28°12	28°58	29° 0	10°17	25°26	W17
T 18	1 47 49	25° 4'57	28°29	25° 8	3°41	6°24	14°22	3°42	12°22	12°20	28°13	28°58	28°57	10°23	25°23	T 18
F 19	1 51 46	26° 4'25	12♓15	26°50	4° 8	7° 5	14°33	3°45	12°20	12°19	28°13	28°57	28°54	10°30	25°21	F 19
S 20	1 55 42	27° 3'55	25°49	28°31	4°33	7°46	14°45	3°48	12°17	12°18	28°13	28°57	28°51	10°37	25°18	S 20
S 21	1 59 39	28° 3'27	9♈11	0♏11	4°56	8°27	14°56	3°51	12°15	12°17	28°13	28°57	28°47	10°44	25°15	S 21
M22	2 3 36	29° 3'01	22°18	1°51	5°17	9° 8	15° 7	3°54	12°13	12°16	28°14	28°57	28°44	10°50	25°13	M22
T 23	2 7 32	0♏ 2'37	5♉11	3°30	5°36	9°49	15°18	3°56	12°11	12°15	28°14	28°57	28°41	10°57	25°10	T 23
W24	2 11 29	1° 2'15	17°49	5° 9	5°54	10°30	15°29	3°59	12° 8	12°14	28°14	28°57	28°38	11° 4	25° 7	W24
T 25	2 15 25	2° 1'55	0♊13	6°46	6°10	11°11	15°40	4° 1	12° 6	12°13	28°14	28°56	28°35	11°10	25° 4	T 25
F 26	2 19 22	3° 1'37	12°25	8°24	6°23	11°52	15°50	4° 4	12° 4	12°12	28°14	28°56	28°32	11°17	25° 2	F 26
S 27	2 23 18	4° 1'22	24°28	10° 0	6°35	12°33	16° 1	4° 6	12° 2	12°11	28°14	28°55	28°28	11°24	24°59	S 27
S 28	2 27 15	5° 1'08	6♋23	11°36	6°44	13°15	16°12	4° 8	11°59	12°11	28°14	28°55	28°25	11°31	24°56	S 28
M29	2 31 11	6° 0'57	18°15	13°12	6°51	13°56	16°22	4°10	11°57	12°10	28°R14	28°54	28°22	11°37	24°53	M29
T 30	2 35 8	7° 0'48	0♌ 8	14°47	6°56	14°37	16°32	4°12	11°55	12° 9	28°14	28°54	28°19	11°44	24°50	T 30
W31	2 39 5	8♏ 0'41	12♌ 7	16♏22	6♐59	15♏19	16♍43	4♌13	11♈53	12♓ 8	28♋14	28°D54	28♎16	11♋51	24♉47	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	3s18	18n 3	4s59	3n37	1n52	22s53	4s35	9s22	0n19	8n15	0n54	19n37	0n 4	4n29	0s43	7s37	0s54	21n43	1n13	11s10	11s24	18n21	16n34	2s45
T 2	3 41	16 26	5 13	2 57	1 53	23 10	4 40	9 37	0 18	8 11	0 54	19 36	0 4	4 28	0 43	7 37	0 54	21 43	1 13	11 9	11 23	18 21	16 34	2 45
W 3	4 4	14 5	5 14	2 15	1 53	23 27	4 45	9 52	0 18	8 6	0 54	19 35	0 4	4 27	0 43	7 38	0 54	21 43	1 13	11 9	11 22	18 20	16 33	2 45
T 4	4 27	11 6	5 1	1 32	1 53	23 43	4 50	10 7	0 17	8 2	0 54	19 34	0 4	4 26	0 43	7 38	0 54	21 43	1 13	11 8	11 21	18 19	16 32	2 45
F 5	4 50	7 35	4 34	0 49	1 51	23 59	4 55	10 22	0 16	7 57	0 54	19 34	0 4	4 25	0 43	7 39	0 54	21 43	1 13	11 7	11 20	18 19	16 32	2 46
S 6	5 13	3 38	3 53	0 4	1 49	24 14	5 0	10 37	0 16	7 53	0 54	19 33	0 5	4 24	0 43	7 40	0 54	21 43	1 13	11 6	11 19	18 18	16 31	2 46
S 7	5 36	0s34	2 59	0s41	1 47	24 29	5 5	10 52	0 15	7 48	0 55	19 32	0 5	4 23	0 43	7 40	0 54	21 43	1 13	11 6	11 18	18 17	16 30	2 46
M 8	5 59	4 51	1 54	1 26	1 44	24 43	5 10	11 6	0 15	7 44	0 55	19 31	0 5	4 22	0 43	7 41	0 54	21 43	1 13	11 5	11 17	18 16	16 29	2 46
T 9	6 22	8 59	0 41	2 11	1 40	24 56	5 14	11 21	0 14	7 39	0 55	19 30	0 5	4 22	0 43	7 41	0 54	21 43	1 14	11 5	11 15	18 16	16 29	2 46
W10	6 44	12 43	0n35	2 57	1 36	25 9	5 19	11 36	0 14	7 35	0 55	19 29	0 5	4 21	0 43	7 42	0 54	21 43	1 14	11 5	11 14	18 15	16 28	2 47
T 11	7 7	15 46	1 51	3 42	1 32	25 22	5 23	11 50	0 13	7 31	0 55	19 29	0 5	4 20	0 43	7 42	0 54	21 43	1 14	11 5	11 13	18 14	16 27	2 47
F 12	7 29	17 53	3 0	4 28	1 27	25 34	5 27	12 5	0 12	7 26	0 55	19 28	0 5	4 19	0 43	7 42	0 54	21 43	1 14	11 5	11 12	18 13	16 27	2 47
S 13	7 52	18 53	3 59	5 13	1 22	25 45	5 31	12 19	0 12	7 22	0 55	19 27	0 5	4 18	0 43	7 43	0 54	21 43	1 14	11 5	11 11	18 12	16 26	2 47
S 14	8 14	18 41	4 43	5 58	1 17	25 56	5 35	12 34	0 11	7 18	0 56	19 26	0 5	4 17	0 43	7 43	0 54	21 43	1 14	11 6	11 10	18 12	16 25	2 47
M15	8 36	17 18	5 9	6 42	1 11	26 6	5 39	12 48	0 11	7 13	0 56	19 26	0 6	4 16	0 43	7 44	0 54	21 43	1 14	11 6	11 9	18 11	16 24	2 48
T 16	8 58	14 52	5 17	7 27	1 5	26 16	5 42	13 2	0 10	7 9	0 56	19 25	0 6	4 15	0 43	7 44	0 54	21 43	1 14	11 6	11 8	18 10	16 24	2 48
W17	9 20	11 35	5 5	8 10	0 59	26 25	5 45	13 16	0 9	7 5	0 56	19 24	0 6	4 14	0 43	7 45	0 54	21 43	1 14	11 6	11 6	18 9	16 23	2 48
T 18	9 42	7 40	4 36	8 53	0 53	26 34	5 48	13 30	0 9	7 1	0 56	19 24	0 6	4 13	0 43	7 45	0 54	21 43	1 14	11 6	11 5	18 9	16 22	2 48
F 19	10 3	3 24	3 51	9 36	0 47	26 41	5 51	13 44	0 8	6 56	0 56	19 23	0 6	4 12	0 43	7 45	0 54	21 43	1 14	11 5	11 4	18 8	16 21	2 48
S 20	10 25	1n 0	2 54	10 18	0 41	26 49	5 53	13 58	0 8	6 52	0 56	19 23	0 6	4 11	0 43	7 46	0 54	21 43	1 15	11 5	11 3	18 7	16 20	2 49
S 21	10 46	5 17	1 48	11 0	0 34	26 55	5 56	14 12	0 7	6 48	0 57	19 22	0 6	4 11	0 43	7 46	0 54	21 43	1 15	11 5	11 2	18 6	16 20	2 49
M22	11 8	9 15	0 37	11 41	0 27	27 1	5 57	14 25	0 7	6 44	0 57	19 22	0 6	4 10	0 43	7 47	0 54	21 43	1 15	11 5	11 1	18 5	16 19	2 49
T 23	11 29	12 42	0s35	12 21	0 21	27 6	5 59	14 39	0 6	6 40	0 57	19 21	0 6	4 9	0 43	7 47	0 54	21 43	1 15	11 5	11 0	18 5	16 18	2 49
W24	11 49	15 29	1 43	13 0	0 14	27 11	6 0	14 52	0 5	6 36	0 57	19 21	0 6	4 8	0 43	7 47	0 54	21 43	1 15	11 5	10 59	18 4	16 17	2 49
T 25	12 10	17 29	2 45	13 39	0 7	27 14	6 1	15 6	0 5	6 32	0 57	19 20	0 7	4 7	0 43	7 48	0 54	21 43	1 15	11 5	10 57	18 3	16 16	2 49
F 26	12 30	18 39	3 39	14 17	0 0	27 17	6 2	15 19	0 4	6 28	0 57	19 20	0 7	4 6	0 43	7 48	0 54	21 43	1 15	11 5	10 56	18 2	16 15	2 50
S 27	12 51	18 57	4 22	14 54	0s 6	27 20	6 2	15 32	0 4	6 24	0 58	19 19	0 7	4 5	0 43	7 48	0 54	21 43	1 15	11 5	10 55	18 1	16 15	2 50
S 28	13 11	18 23	4 53	15 30	0 13	27 21	6 2	15 45	0 3	6 20	0 58	19 19	0 7	4 5	0 43	7 49	0 54	21 43	1 15	11 5	10 54	18 1	16 14	2 50
M29	13 31	17 2	5 11	16 6	0 20	27 21	6 1	15 58	0 2	6 16	0 58	19 19	0 7	4 4	0 43	7 49	0 54	21 43	1 15	11 4	10 53	18 0	16 13	2 50
T 30	13 50	14 56	5 17	16 41	0 27	27 21	6 0	16 11	0 2	6 12	0 58	19 18	0 7	4 3	0 43	7 49	0 54	21 44	1 16	11 4	10 52	17 59	16 12	2 50
W31	14s10	12n12	5s 9	17s15	0s33	27s20	5s58	16s23	0n 1	6n 8	0n58	19n18	0n 7	4n 2	0s43	7s50	0s53	21n44	1n16	11s 4	10s51	17n58	16n11	2s50

Julian Day Number = 2517927.5, Delta T = 146.20 sec
Ecliptic obliquity = 23°24'49, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°16'48, Lahiri = 26°23'49

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2181
geocentric

NOVEMBER 2181 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 43 1	9♏ 0'36	24♌16	17♏56	6°R59	16♏ 0	16♍53	4♌15	11°R51	12°R 7	28°R14	28♎54	28♎12	11♋57	24°R44	T 1
F 2	2 46 58	10° 0'33	6♍40	19°29	6♐57	16°42	17° 3	4°17	11♈49	12♓ 7	28♋14	28°55	28° 9	12° 4	24♉41	F 2
S 3	2 50 54	11° 0'33	19°22	21° 2	6°52	17°23	17°13	4°18	11°47	12° 6	28°14	28°56	28° 6	12°11	24°38	S 3
S 4	2 54 51	12° 0'34	2♎27	22°35	6°45	18° 5	17°23	4°19	11°45	12° 5	28°14	28°57	28° 3	12°18	24°35	S 4
M 5	2 58 47	13° 0'38	15°55	24° 7	6°36	18°47	17°33	4°21	11°43	12° 5	28°14	28°58	28° 0	12°24	24°32	M 5
T 6	3 2 44	14° 0'43	29°47	25°39	6°24	19°28	17°43	4°22	11°41	12° 4	28°13	28°R58	27°57	12°31	24°29	T 6
W 7	3 6 40	15° 0'51	13♏59	27°10	6°10	20°10	17°52	4°23	11°39	12° 4	28°13	28°58	27°53	12°38	24°26	W 7
T 8	3 10 37	16° 1'00	28°29	28°41	5°54	20°52	18° 2	4°24	11°37	12° 3	28°13	28°56	27°50	12°44	24°23	T 8
F 9	3 14 34	17° 1'12	13♐ 9	0♐12	5°35	21°34	18°11	4°24	11°35	12° 3	28°13	28°54	27°47	12°51	24°20	F 9
S 10	3 18 30	18° 1'25	27°52	1°42	5°14	22°16	18°20	4°25	11°33	12° 2	28°12	28°52	27°44	12°58	24°16	S 10
S 11	3 22 27	19° 1'39	12♑33	3°12	4°50	22°58	18°30	4°26	11°32	12° 2	28°12	28°49	27°41	13° 5	24°13	S 11
M12	3 26 23	20° 1'55	27° 4	4°41	4°25	23°40	18°39	4°26	11°30	12° 1	28°12	28°47	27°38	13°11	24°10	M12
T 13	3 30 20	21° 2'12	11♒21	6°10	3°58	24°22	18°48	4°26	11°28	12° 1	28°11	28°46	27°34	13°18	24° 7	T 13
W14	3 34 16	22° 2'31	25°22	7°38	3°28	25° 4	18°57	4°26	11°27	12° 1	28°11	28°D45	27°31	13°25	24° 4	W14
T 15	3 38 13	23° 2'51	9♓ 6	9° 6	2°58	25°46	19° 5	4°R27	11°25	12° 0	28°11	28°46	27°28	13°31	24° 1	T 15
F 16	3 42 9	24° 3'12	22°33	10°33	2°25	26°28	19°14	4°27	11°23	12° 0	28°10	28°48	27°25	13°38	23°58	F 16
S 17	3 46 6	25° 3'35	5♈44	12° 0	1°52	27°11	19°23	4°26	11°22	12° 0	28°10	28°49	27°22	13°45	23°54	S 17
S 18	3 50 3	26° 3'59	18°42	13°26	1°17	27°53	19°31	4°26	11°20	12° 0	28° 9	28°51	27°18	13°52	23°51	S 18
M19	3 53 59	27° 4'24	1♉26	14°52	0°41	28°35	19°39	4°26	11°19	12° 0	28° 9	28°R51	27°15	13°58	23°48	M19
T 20	3 57 56	28° 4'51	13°59	16°17	0° 5	29°18	19°47	4°25	11°17	12° 0	28° 8	28°50	27°12	14° 5	23°45	T 20
W21	4 1 52	29° 5'20	26°22	17°41	29♏29	0♐ 0	19°55	4°25	11°16	11°59	28° 8	28°47	27° 9	14°12	23°42	W21
T 22	4 5 49	0♐ 5'50	8♊36	19° 4	28°52	0°43	20° 3	4°24	11°15	11°59	28° 7	28°43	27° 6	14°19	23°39	T 22
F 23	4 9 45	1° 6'22	20°41	20°26	28°16	1°26	20°11	4°23	11°13	11°D59	28° 6	28°38	27° 3	14°25	23°36	F 23
S 24	4 13 42	2° 6'55	2♋40	21°48	27°40	2° 8	20°19	4°22	11°12	11°59	28° 6	28°31	26°59	14°32	23°32	S 24
S 25	4 17 38	3° 7'30	14°33	23° 8	27° 4	2°51	20°26	4°21	11°11	11°59	28° 5	28°25	26°56	14°39	23°29	S 25
M26	4 21 35	4° 8'06	26°25	24°26	26°30	3°34	20°33	4°20	11°10	12° 0	28° 5	28°19	26°53	14°45	23°26	M26
T 27	4 25 32	5° 8'44	8♌17	25°43	25°57	4°16	20°41	4°19	11° 8	12° 0	28° 4	28°14	26°50	14°52	23°23	T 27
W28	4 29 28	6° 9'24	20°13	26°59	25°25	4°59	20°48	4°17	11° 7	12° 0	28° 3	28°11	26°47	14°59	23°20	W28
T 29	4 33 25	7°10'05	2♍19	28°12	24°55	5°42	20°55	4°16	11° 6	12° 0	28° 2	28°D 9	26°44	15° 6	23°17	T 29
F 30	4 37 21	8♐10'48	14♍38	29♐23	24♏26	6♐25	21♍ 2	4♌14	11♈ 5	12♓ 0	28♋ 2	28♎ 9	26♎40	15♋12	23♉14	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s29	8n55	4s46	17s48	0s40	27s18	5s56	16s36	0n 1	6n 4	0n58	19n18	0n 7	4n 1	0s43	7s50	0s53	21n44	1n16	11s 4	10s50	17n57	16n10	2s50
F 2	14 48	5 10	4 11	18 20	0 47	27 15	5 53	16 48	0s 0	6 1	0 59	19 17	0 7	4 1	0 43	7 50	0 53	21 44	1 16	11 5	10 48	17 56	16 10	2 51
S 3	15 7	1 6	3 22	18 51	0 53	27 11	5 50	17 1	0 1	5 57	0 59	19 17	0 8	4 0	0 43	7 50	0 53	21 44	1 16	11 5	10 47	17 56	16 9	2 51
S 4	15 25	3s 8	2 22	19 21	0 59	27 6	5 46	17 13	0 1	5 53	0 59	19 17	0 8	3 59	0 43	7 51	0 53	21 44	1 16	11 5	10 46	17 55	16 8	2 51
M 5	15 44	7 21	1 12	19 51	1 6	27 0	5 42	17 25	0 2	5 49	0 59	19 17	0 8	3 58	0 43	7 51	0 53	21 44	1 16	11 6	10 45	17 54	16 7	2 51
T 6	16 2	11 19	0n 4	20 19	1 12	26 53	5 37	17 37	0 2	5 46	0 59	19 17	0 8	3 58	0 43	7 51	0 53	21 44	1 16	11 6	10 44	17 53	16 6	2 51
W 7	16 19	14 43	1 22	20 46	1 18	26 45	5 31	17 49	0 3	5 42	1 0	19 16	0 8	3 57	0 43	7 51	0 53	21 44	1 16	11 6	10 43	17 52	16 5	2 51
T 8	16 37	17 16	2 36	21 13	1 24	26 35	5 25	18 1	0 4	5 39	1 0	19 16	0 8	3 56	0 43	7 51	0 53	21 45	1 16	11 5	10 42	17 51	16 4	2 51
F 9	16 54	18 43	3 40	21 38	1 30	26 25	5 18	18 12	0 4	5 35	1 0	19 16	0 8	3 55	0 43	7 51	0 53	21 45	1 17	11 4	10 40	17 51	16 4	2 52
S 10	17 11	18 54	4 30	22 2	1 35	26 14	5 10	18 24	0 5	5 32	1 0	19 16	0 8	3 55	0 43	7 52	0 53	21 45	1 17	11 3	10 39	17 50	16 3	2 52
S 11	17 28	17 48	5 2	22 25	1 41	26 1	5 2	18 35	0 5	5 28	1 0	19 16	0 8	3 54	0 43	7 52	0 53	21 45	1 17	11 3	10 38	17 49	16 2	2 52
M12	17 44	15 34	5 15	22 47	1 46	25 47	4 53	18 46	0 6	5 25	1 1	19 16	0 9	3 53	0 43	7 52	0 53	21 45	1 17	11 2	10 37	17 48	16 1	2 52
T 13	18 0	12 26	5 7	23 8	1 51	25 33	4 43	18 57	0 7	5 22	1 1	19 16	0 9	3 53	0 43	7 52	0 53	21 45	1 17	11 1	10 36	17 47	16 0	2 52
W14	18 15	8 38	4 42	23 28	1 56	25 17	4 32	19 8	0 7	5 18	1 1	19 16	0 9	3 52	0 42	7 52	0 53	21 46	1 17	11 1	10 35	17 46	15 59	2 52
T 15	18 31	4 26	4 0	23 47	2 1	25 0	4 21	19 18	0 8	5 15	1 1	19 16	0 9	3 52	0 42	7 52	0 53	21 46	1 17	11 2	10 34	17 45	15 58	2 52
F 16	18 46	0 6	3 6	24 4	2 5	24 42	4 10	19 29	0 8	5 12	1 1	19 17	0 9	3 51	0 42	7 52	0 53	21 46	1 17	11 2	10 33	17 45	15 58	2 52
S 17	19 1	4n10	2 4	24 20	2 9	24 23	3 57	19 39	0 9	5 9	1 2	19 17	0 9	3 50	0 42	7 52	0 53	21 46	1 17	11 3	10 31	17 44	15 57	2 52
S 18	19 15	8 10	0 55	24 35	2 13	24 3	3 45	19 49	0 10	5 6	1 2	19 17	0 9	3 50	0 42	7 52	0 53	21 46	1 17	11 3	10 30	17 43	15 56	2 52
M19	19 29	11 44	0s14	24 49	2 16	23 43	3 31	19 59	0 10	5 3	1 2	19 17	0 9	3 49	0 42	7 52	0 53	21 47	1 17	11 3	10 29	17 42	15 55	2 53
T 20	19 43	14 43	1 22	25 1	2 20	23 22	3 17	20 9	0 11	5 0	1 2	19 17	0 10	3 49	0 42	7 52	0 53	21 47	1 18	11 3	10 28	17 41	15 54	2 53
W21	19 56	16 58	2 25	25 12	2 22	23 0	3 3	20 19	0 11	4 57	1 2	19 18	0 10	3 48	0 42	7 52	0 53	21 47	1 18	11 2	10 27	17 40	15 53	2 53
T 22	20 9	18 25	3 20	25 22	2 25	22 37	2 48	20 28	0 12	4 54	1 3	19 18	0 10	3 48	0 42	7 52	0 53	21 47	1 18	11 0	10 26	17 39	15 52	2 53
F 23	20 22	19 0	4 6	25 31	2 27	22 15	2 34	20 38	0 13	4 51	1 3	19 18	0 10	3 47	0 42	7 52	0 53	21 47	1 18	10 58	10 25	17 38	15 52	2 53
S 24	20 34	18 43	4 40	25 38	2 28	21 52	2 18	20 47	0 13	4 48	1 3	19 18	0 10	3 47	0 42	7 52	0 53	21 48	1 18	10 56	10 23	17 38	15 51	2 53
S 25	20 46	17 37	5 2	25 43	2 30	21 29	2 3	20 56	0 14	4 45	1 3	19 19	0 10	3 46	0 42	7 52	0 53	21 48	1 18	10 54	10 22	17 37	15 50	2 53
M26	20 57	15 46	5 11	25 48	2 30	21 6	1 47	21 5	0 14	4 43	1 4	19 19	0 10	3 46	0 42	7 52	0 53	21 48	1 18	10 52	10 21	17 36	15 49	2 53
T 27	21 8	13 15	5 6	25 51	2 30	20 43	1 32	21 13	0 15	4 40	1 4	19 20	0 10	3 45	0 42	7 52	0 53	21 48	1 18	10 50	10 20	17 35	15 48	2 53
W28	21 19	10 10	4 48	25 52	2 30	20 20	1 16	21 22	0 15	4 37	1 4	19 20	0 10	3 45	0 42	7 52	0 53	21 48	1 18	10 49	10 19	17 34	15 48	2 53
T 29	21 29	6 38	4 17	25 53	2 29	19 57	1 1	21 30	0 16	4 35	1 4	19 21	0 11	3 45	0 42	7 52	0 53	21 49	1 18	10 48	10 18	17 33	15 47	2 53
F 30	21s39	2n45	3s34	25s52	2s27	19s36	0s45	21s38	0s17	4n32	1n 4	19n21	0n11	3n44	0s42	7s52	0s53	21n49	1n19	10s48	10s16	17n32	15n46	2s53

Julian Day Number = 2517958.5, Delta T = 146.28 sec
Ecliptic obliquity = 23°24'48, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°16'53, Lahiri = 26°23'53

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2181
geocentric

DECEMBER 2181 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 41 18	9♐11'32	27♍15	0♑31	23°R59	7♐ 8	21♍ 8	4°R13	11°R 4	12♓ 1	28°R 1	28♎11	26♎37	15♋19	23°R11	S 1
S 2	4 45 14	10°12'18	10♎15	1°36	23♏35	7°51	21°15	4♌11	11♈ 3	12° 1	28♋ 0	28°12	26°34	15°26	23♉ 8	S 2
M 3	4 49 11	11°13'06	23°41	2°38	23°12	8°34	21°21	4° 9	11° 2	12° 1	27°59	28°R13	26°31	15°32	23° 5	M 3
T 4	4 53 7	12°13'55	7♏36	3°36	22°52	9°17	21°27	4° 7	11° 2	12° 2	27°58	28°13	26°28	15°39	23° 2	T 4
W 5	4 57 4	13°14'45	21°58	4°29	22°34	10° 1	21°33	4° 5	11° 1	12° 2	27°58	28°11	26°24	15°46	22°59	W 5
T 6	5 1 1	14°15'37	6♐43	5°17	22°19	10°44	21°39	4° 3	11° 0	12° 2	27°57	28° 6	26°21	15°53	22°56	T 6
F 7	5 4 57	15°16'29	21°45	5°59	22° 5	11°27	21°45	4° 0	10°59	12° 3	27°56	28° 0	26°18	15°59	22°53	F 7
S 8	5 8 54	16°17'23	6♑55	6°34	21°55	12°11	21°50	3°58	10°59	12° 3	27°55	27°52	26°15	16° 6	22°51	S 8
S 9	5 12 50	17°18'18	22° 1	7° 2	21°47	12°54	21°56	3°55	10°58	12° 4	27°54	27°44	26°12	16°13	22°48	S 9
M10	5 16 47	18°19'14	6♒55	7°22	21°41	13°37	22° 1	3°53	10°58	12° 4	27°53	27°37	26° 9	16°19	22°45	M10
T 11	5 20 43	19°20'10	21°29	7°32	21°38	14°21	22° 6	3°50	10°57	12° 5	27°52	27°32	26° 5	16°26	22°42	T 11
W12	5 24 40	20°21'07	5♓39	7°R32	21°D37	15° 5	22°11	3°47	10°57	12° 6	27°51	27°29	26° 2	16°33	22°40	W12
T 13	5 28 36	21°22'04	19°23	7°22	21°39	15°48	22°16	3°44	10°56	12° 6	27°50	27°D28	25°59	16°40	22°37	T 13
F 14	5 32 33	22°23'02	2♈44	7° 0	21°43	16°32	22°21	3°41	10°56	12° 7	27°49	27°28	25°56	16°46	22°34	F 14
S 15	5 36 30	23°24'01	15°44	6°27	21°49	17°15	22°25	3°38	10°56	12° 8	27°48	27°29	25°53	16°53	22°32	S 15
S 16	5 40 26	24°25'00	28°27	5°43	21°58	17°59	22°29	3°35	10°56	12° 9	27°47	27°R30	25°50	17° 0	22°29	S 16
M17	5 44 23	25°26'00	10♉55	4°48	22° 9	18°43	22°33	3°32	10°55	12° 9	27°46	27°29	25°46	17° 7	22°27	M17
T 18	5 48 19	26°27'00	23°12	3°43	22°22	19°27	22°37	3°29	10°55	12°10	27°45	27°25	25°43	17°13	22°24	T 18
W19	5 52 16	27°28'01	5♊21	2°30	22°37	20°11	22°41	3°25	10°55	12°11	27°44	27°19	25°40	17°20	22°22	W19
T 20	5 56 12	28°29'03	17°24	1°11	22°54	20°55	22°45	3°22	10°D55	12°12	27°43	27°10	25°37	17°27	22°19	T 20
F 21	6 0 9	29°30'05	29°22	29♐48	23°14	21°39	22°48	3°18	10°55	12°13	27°42	26°59	25°34	17°33	22°17	F 21
S 22	6 4 5	0♑31'08	11♋16	28°25	23°35	22°23	22°51	3°14	10°55	12°14	27°41	26°47	25°30	17°40	22°15	S 22
S 23	6 8 2	1°32'11	23° 9	27° 5	23°58	23° 7	22°54	3°11	10°56	12°15	27°39	26°34	25°27	17°47	22°12	S 23
M24	6 11 59	2°33'15	5♌ 1	25°49	24°23	23°51	22°57	3° 7	10°56	12°16	27°38	26°21	25°24	17°54	22°10	M24
T 25	6 15 55	3°34'20	16°54	24°40	24°50	24°35	23° 0	3° 3	10°56	12°17	27°37	26°10	25°21	18° 0	22° 8	T 25
W26	6 19 52	4°35'25	28°51	23°40	25°18	25°19	23° 2	2°59	10°56	12°18	27°36	26° 2	25°18	18° 7	22° 6	W26
T 27	6 23 48	5°36'31	10♍56	22°50	25°48	26° 4	23° 4	2°55	10°57	12°19	27°35	25°57	25°15	18°14	22° 4	T 27
F 28	6 27 45	6°37'37	23°12	22°10	26°20	26°48	23° 7	2°51	10°57	12°20	27°34	25°54	25°11	18°21	22° 2	F 28
S 29	6 31 41	7°38'44	5♎43	21°41	26°53	27°32	23° 8	2°47	10°57	12°22	27°32	25°D53	25° 8	18°27	22° 0	S 29
S 30	6 35 38	8°39'52	18°36	21°23	27°28	28°17	23°10	2°42	10°58	12°23	27°31	25°R53	25° 5	18°34	21°58	S 30
M31	6 39 34	9♑41'00	1♏53	21°D15	28♏ 4	29♐ 1	23♍12	2♌38	10♈58	12♓24	27♋30	25♎53	25♎ 2	18♋41	21♉56	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s48	1s21	2s40	25s49	2s24	19s14	0s30	21s46	0s17	4n30	1n 5	19n22	0n11	3n44	0s42	7s52	0s53	21n49	1n19	10s49	10s15	17n31	15n45	2s53
S 2	21 57	5 32	1 36	25 45	2 21	18 54	0 15	21 53	0 18	4 28	1 5	19 22	0 11	3 44	0 42	7 52	0 53	21 49	1 19	10 49	10 14	17 30	15 44	2 53
M 3	22 6	9 34	0 25	25 40	2 17	18 34	0 1	22 1	0 18	4 25	1 5	19 23	0 11	3 43	0 42	7 52	0 53	21 50	1 19	10 50	10 13	17 29	15 44	2 53
T 4	22 14	13 14	0n51	25 34	2 12	18 15	0n14	22 8	0 19	4 23	1 5	19 23	0 11	3 43	0 42	7 51	0 53	21 50	1 19	10 50	10 12	17 28	15 43	2 53
W 5	22 22	16 14	2 5	25 26	2 6	17 57	0 28	22 15	0 20	4 21	1 6	19 24	0 11	3 43	0 42	7 51	0 53	21 50	1 19	10 49	10 11	17 28	15 42	2 53
T 6	22 29	18 15	3 13	25 17	1 58	17 40	0 41	22 22	0 20	4 19	1 6	19 25	0 11	3 43	0 42	7 51	0 53	21 50	1 19	10 47	10 10	17 27	15 41	2 53
F 7	22 36	19 2	4 8	25 7	1 50	17 24	0 55	22 28	0 21	4 17	1 6	19 25	0 12	3 42	0 42	7 51	0 53	21 51	1 19	10 45	10 8	17 26	15 41	2 53
S 8	22 42	18 27	4 47	24 55	1 41	17 8	1 7	22 35	0 21	4 15	1 6	19 26	0 12	3 42	0 42	7 51	0 53	21 51	1 19	10 42	10 7	17 25	15 40	2 53
S 9	22 48	16 35	5 5	24 43	1 30	16 54	1 20	22 41	0 22	4 13	1 7	19 27	0 12	3 42	0 42	7 50	0 53	21 51	1 19	10 39	10 6	17 24	15 39	2 53
M10	22 54	13 38	5 3	24 30	1 18	16 42	1 32	22 47	0 23	4 11	1 7	19 27	0 12	3 42	0 42	7 50	0 53	21 52	1 19	10 37	10 5	17 23	15 39	2 53
T 11	22 59	9 53	4 41	24 16	1 4	16 30	1 43	22 53	0 23	4 9	1 7	19 28	0 12	3 42	0 42	7 50	0 53	21 52	1 20	10 35	10 4	17 22	15 38	2 53
W12	23 4	5 41	4 2	24 1	0 49	16 19	1 54	22 58	0 24	4 8	1 7	19 29	0 12	3 41	0 42	7 50	0 53	21 52	1 20	10 34	10 3	17 21	15 37	2 53
T 13	23 8	1 17	3 10	23 46	0 33	16 9	2 4	23 4	0 24	4 6	1 8	19 30	0 12	3 41	0 41	7 49	0 53	21 52	1 20	10 34	10 2	17 20	15 36	2 53
F 14	23 12	3n 4	2 9	23 29	0 16	16 1	2 14	23 9	0 25	4 5	1 8	19 30	0 12	3 41	0 41	7 49	0 53	21 53	1 20	10 34	10 0	17 19	15 36	2 53
S 15	23 15	7 9	1 3	23 13	0n 3	15 53	2 24	23 14	0 25	4 3	1 8	19 31	0 13	3 41	0 41	7 49	0 53	21 53	1 20	10 34	9 59	17 18	15 35	2 53
S 16	23 18	10 50	0s 5	22 55	0 22	15 47	2 33	23 18	0 26	4 2	1 8	19 32	0 13	3 41	0 41	7 49	0 53	21 53	1 20	10 34	9 58	17 17	15 35	2 53
M17	23 20	13 57	1 11	22 37	0 42	15 41	2 41	23 23	0 27	4 0	1 9	19 33	0 13	3 41	0 41	7 48	0 53	21 54	1 20	10 34	9 57	17 16	15 34	2 53
T 18	23 22	16 24	2 13	22 19	1 2	15 37	2 49	23 27	0 27	3 59	1 9	19 34	0 13	3 41	0 41	7 48	0 53	21 54	1 20	10 33	9 56	17 15	15 33	2 53
W19	23 23	18 5	3 8	22 1	1 22	15 33	2 57	23 31	0 28	3 58	1 9	19 35	0 13	3 41	0 41	7 47	0 53	21 54	1 20	10 30	9 55	17 14	15 33	2 53
T 20	23 24	18 57	3 53	21 43	1 41	15 30	3 4	23 34	0 28	3 57	1 10	19 36	0 13	3 41	0 41	7 47	0 52	21 54	1 20	10 27	9 53	17 13	15 32	2 53
F 21	23 25	18 56	4 28	21 26	1 59	15 29	3 11	23 38	0 29	3 55	1 10	19 37	0 13	3 41	0 41	7 47	0 52	21 55	1 20	10 23	9 52	17 12	15 32	2 53
S 22	23 25	18 6	4 51	21 9	2 15	15 28	3 17	23 41	0 30	3 54	1 10	19 38	0 13	3 41	0 41	7 46	0 52	21 55	1 20	10 19	9 51	17 12	15 31	2 53
S 23	23 24	16 28	5 2	20 54	2 29	15 27	3 23	23 44	0 30	3 53	1 10	19 39	0 14	3 41	0 41	7 46	0 52	21 55	1 21	10 14	9 50	17 11	15 30	2 53
M24	23 23	14 9	4 59	20 40	2 41	15 28	3 29	23 47	0 31	3 53	1 11	19 40	0 14	3 41	0 41	7 46	0 52	21 56	1 21	10 10	9 49	17 10	15 30	2 53
T 25	23 22	11 15	4 43	20 28	2 50	15 29	3 34	23 49	0 31	3 52	1 11	19 41	0 14	3 42	0 41	7 45	0 52	21 56	1 21	10 6	9 48	17 9	15 29	2 53
W26	23 20	7 53	4 15	20 19	2 57	15 32	3 39	23 52	0 32	3 51	1 11	19 42	0 14	3 42	0 41	7 45	0 52	21 56	1 21	10 3	9 47	17 8	15 29	2 53
T 27	23 18	4 9	3 35	20 12	3 1	15 34	3 43	23 54	0 32	3 50	1 11	19 43	0 14	3 42	0 41	7 44	0 52	21 57	1 21	10 1	9 45	17 7	15 28	2 53
F 28	23 15	0 11	2 44	20 7	3 4	15 38	3 47	23 55	0 33	3 50	1 12	19 44	0 14	3 42	0 41	7 44	0 52	21 57	1 21	10 0	9 44	17 6	15 28	2 53
S 29	23 12	3s53	1 45	20 5	3 4	15 42	3 51	23 57	0 34	3 49	1 12	19 45	0 14	3 42	0 41	7 43	0 52	21 57	1 21	9 59	9 43	17 5	15 27	2 53
S 30	23 8	7 52	0 39	20 6	3 3	15 46	3 54	23 58	0 34	3 49	1 12	19 46	0 14	3 43	0 41	7 43	0 52	21 58	1 21	9 59	9 42	17 4	15 27	2 53
M31	23s 4	11s37	0n32	20s 8	3n 0	15s51	3n57	23s59	0s35	3n49	1n13	19n47	0n14	3n43	0s41	7s42	0s52	21n58	1n21	9s59	9s41	17n 3	15n27	2s53

Julian Day Number = 2517988.5, Delta T = 146.35 sec
Ecliptic obliquity = 23°24'48, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°16'57, Lahiri = 26°23'57

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2182
geocentric

JANUARY 2182 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 43 31	10♑42'09	15♏38	21♐17	28♏41	29♐46	23♍13	2°R34	10♈59	12♓25	27°R29	25°R51	24♎59	18♋47	21°R54	T 1
W 2	6 47 28	11°43'19	29°54	21°27	29°20	0♑30	23°14	2♌29	11° 0	12°27	27♋27	25♎48	24°56	18°54	21♉52	W 2
T 3	6 51 24	12°44'29	14♐37	21°46	29°59	1°15	23°15	2°25	11° 0	12°28	27°26	25°41	24°52	19° 1	21°51	T 3
F 4	6 55 21	13°45'39	29°43	22°12	0♐41	1°59	23°16	2°20	11° 1	12°29	27°25	25°32	24°49	19° 8	21°49	F 4
S 5	6 59 17	14°46'49	15♑ 3	22°44	1°23	2°44	23°17	2°16	11° 2	12°31	27°24	25°21	24°46	19°14	21°47	S 5
S 6	7 3 14	15°47'59	0♒25	23°23	2° 7	3°29	23°17	2°11	11° 3	12°32	27°22	25° 9	24°43	19°21	21°46	S 6
M 7	7 7 10	16°49'10	15°36	24° 7	2°51	4°14	23°R17	2° 6	11° 4	12°34	27°21	24°58	24°40	19°28	21°44	M 7
T 8	7 11 7	17°50'19	0♓28	24°56	3°36	4°58	23°17	2° 2	11° 5	12°35	27°20	24°50	24°36	19°34	21°43	T 8
W 9	7 15 4	18°51'29	14°53	25°49	4°23	5°43	23°17	1°57	11° 6	12°37	27°18	24°44	24°33	19°41	21°42	W 9
T 10	7 19 0	19°52'38	28°49	26°46	5°10	6°28	23°17	1°52	11° 7	12°38	27°17	24°40	24°30	19°48	21°40	T 10
F 11	7 22 57	20°53'47	12♈15	27°46	5°58	7°13	23°16	1°48	11° 8	12°40	27°16	24°39	24°27	19°55	21°39	F 11
S 12	7 26 53	21°54'55	25°16	28°50	6°47	7°58	23°15	1°43	11° 9	12°41	27°15	24°39	24°24	20° 1	21°38	S 12
S 13	7 30 50	22°56'03	7♉55	29°56	7°37	8°43	23°14	1°38	11°10	12°43	27°13	24°39	24°21	20° 8	21°37	S 13
M14	7 34 46	23°57'11	20°16	1♊ 4	8°28	9°28	23°13	1°33	11°12	12°44	27°12	24°37	24°17	20°15	21°36	M14
T 15	7 38 43	24°58'18	2♊25	2°15	9°19	10°13	23°12	1°28	11°13	12°46	27°11	24°33	24°14	20°22	21°35	T 15
W16	7 42 39	25°59'24	14°26	3°28	10°11	10°58	23°10	1°23	11°14	12°48	27° 9	24°25	24°11	20°28	21°34	W16
T 17	7 46 36	27° 0'30	26°21	4°42	11° 4	11°44	23° 8	1°18	11°16	12°50	27° 8	24°15	24° 8	20°35	21°33	T 17
F 18	7 50 33	28° 1'35	8♋14	5°58	11°58	12°29	23° 7	1°13	11°17	12°51	27° 7	24° 2	24° 5	20°42	21°32	F 18
S 19	7 54 29	29° 2'40	20° 6	7°16	12°52	13°14	23° 4	1° 8	11°19	12°53	27° 5	23°48	24° 2	20°48	21°31	S 19
S 20	7 58 26	0♒ 3'44	2♌ 0	8°34	13°47	13°59	23° 2	1° 4	11°20	12°55	27° 4	23°32	23°58	20°55	21°31	S 20
M21	8 2 22	1° 4'48	13°55	9°55	14°42	14°45	23° 0	0°59	11°22	12°57	27° 3	23°18	23°55	21° 2	21°30	M21
T 22	8 6 19	2° 5'51	25°53	11°16	15°38	15°30	22°57	0°54	11°23	12°58	27° 2	23° 5	23°52	21° 9	21°30	T 22
W23	8 10 15	3° 6'53	7♍57	12°38	16°35	16°16	22°54	0°49	11°25	13° 0	27° 0	22°55	23°49	21°15	21°29	W23
T 24	8 14 12	4° 7'56	20° 7	14° 1	17°32	17° 1	22°51	0°44	11°27	13° 2	26°59	22°48	23°46	21°22	21°29	T 24
F 25	8 18 8	5° 8'57	2♎27	15°26	18°29	17°46	22°48	0°39	11°29	13° 4	26°58	22°44	23°42	21°29	21°28	F 25
S 26	8 22 5	6° 9'59	15° 0	16°51	19°28	18°32	22°44	0°34	11°30	13° 6	26°56	22°42	23°39	21°35	21°28	S 26
S 27	8 26 2	7°10'59	27°50	18°17	20°26	19°18	22°41	0°29	11°32	13° 8	26°55	22°D42	23°36	21°42	21°28	S 27
M28	8 29 58	8°12'00	11♏ 0	19°44	21°25	20° 3	22°37	0°24	11°34	13°10	26°54	22°R42	23°33	21°49	21°28	M28
T 29	8 33 55	9°13'00	24°36	21°11	22°25	20°49	22°33	0°19	11°36	13°12	26°53	22°41	23°30	21°56	21°28	T 29
W30	8 37 51	10°13'59	8♐37	22°40	23°25	21°35	22°29	0°15	11°38	13°14	26°51	22°38	23°27	22° 2	21°D28	W30
T 31	8 41 48	11♒14'58	23♐ 6	24♑ 9	24♐25	22♑20	22♍25	0♌10	11♈40	13♓16	26♋50	22♎33	23♎23	22♋ 9	21♉28	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s59	14s52	1n43	20s12	2n55	15s56	4n 0	24s 0	0s35	3n48	1n13	19n48	0n15	3n43	0s41	7s42	0s52	21n58	1n21	9s59	9s40	17n 2	15n26	2s53
W 2	22 54	17 21	2 50	20 18	2 50	16 2	4 3	24 1	0 36	3 48	1 13	19 49	0 15	3 43	0 41	7 41	0 52	21 59	1 21	9 57	9 38	17 1	15 26	2 53
T 3	22 48	18 46	3 47	20 26	2 44	16 8	4 5	24 1	0 36	3 48	1 13	19 50	0 15	3 44	0 41	7 41	0 52	21 59	1 21	9 55	9 37	17 0	15 25	2 53
F 4	22 42	18 54	4 31	20 34	2 37	16 15	4 7	24 1	0 37	3 48	1 14	19 52	0 15	3 44	0 41	7 40	0 52	21 59	1 21	9 52	9 36	16 59	15 25	2 53
S 5	22 36	17 40	4 56	20 44	2 29	16 22	4 8	24 1	0 38	3 48	1 14	19 53	0 15	3 44	0 41	7 40	0 52	21 59	1 22	9 48	9 35	16 58	15 25	2 53
S 6	22 29	15 10	4 59	20 54	2 21	16 29	4 10	24 0	0 38	3 48	1 14	19 54	0 15	3 45	0 41	7 39	0 52	22 0	1 22	9 43	9 34	16 57	15 24	2 53
M 7	22 21	11 39	4 41	21 4	2 13	16 36	4 11	23 59	0 39	3 48	1 14	19 55	0 15	3 45	0 40	7 39	0 52	22 0	1 22	9 39	9 33	16 56	15 24	2 53
T 8	22 14	7 28	4 5	21 15	2 4	16 44	4 11	23 58	0 39	3 48	1 15	19 56	0 15	3 46	0 40	7 38	0 52	22 0	1 22	9 36	9 31	16 55	15 24	2 52
W 9	22 5	2 58	3 13	21 26	1 55	16 52	4 12	23 57	0 40	3 49	1 15	19 57	0 16	3 46	0 40	7 37	0 52	22 1	1 22	9 34	9 30	16 54	15 24	2 52
T 10	21 57	1n33	2 12	21 36	1 46	17 0	4 12	23 56	0 40	3 49	1 15	19 59	0 16	3 46	0 40	7 37	0 52	22 1	1 22	9 33	9 29	16 53	15 23	2 52
F 11	21 47	5 50	1 5	21 46	1 37	17 8	4 13	23 54	0 41	3 50	1 16	20 0	0 16	3 47	0 40	7 36	0 52	22 1	1 22	9 32	9 28	16 52	15 23	2 52
S 12	21 38	9 43	0s 3	21 56	1 28	17 16	4 12	23 52	0 41	3 50	1 16	20 1	0 16	3 47	0 40	7 36	0 52	22 2	1 22	9 32	9 27	16 51	15 23	2 52
S 13	21 28	13 2	1 10	22 6	1 19	17 24	4 12	23 49	0 42	3 51	1 16	20 2	0 16	3 48	0 40	7 35	0 52	22 2	1 22	9 32	9 26	16 50	15 23	2 52
M14	21 18	15 41	2 11	22 15	1 10	17 33	4 12	23 47	0 43	3 52	1 16	20 3	0 16	3 48	0 40	7 34	0 52	22 2	1 22	9 32	9 24	16 49	15 22	2 52
T 15	21 7	17 36	3 5	22 23	1 1	17 41	4 11	23 44	0 43	3 52	1 17	20 4	0 16	3 49	0 40	7 34	0 52	22 3	1 22	9 30	9 23	16 48	15 22	2 52
W16	20 56	18 41	3 50	22 30	0 52	17 50	4 10	23 41	0 44	3 53	1 17	20 6	0 16	3 50	0 40	7 33	0 52	22 3	1 22	9 27	9 22	16 47	15 22	2 52
T 17	20 44	18 57	4 25	22 37	0 43	17 58	4 9	23 38	0 44	3 54	1 17	20 7	0 16	3 50	0 40	7 32	0 52	22 3	1 22	9 24	9 21	16 46	15 22	2 52
F 18	20 32	18 22	4 48	22 43	0 34	18 6	4 8	23 34	0 45	3 55	1 18	20 8	0 17	3 51	0 40	7 32	0 52	22 4	1 22	9 19	9 20	16 45	15 22	2 52
S 19	20 20	16 59	4 59	22 48	0 25	18 14	4 6	23 30	0 45	3 56	1 18	20 9	0 17	3 51	0 40	7 31	0 52	22 4	1 23	9 14	9 19	16 44	15 22	2 52
S 20	20 7	14 53	4 56	22 51	0 17	18 23	4 5	23 26	0 46	3 57	1 18	20 10	0 17	3 52	0 40	7 30	0 52	22 4	1 23	9 8	9 17	16 42	15 22	2 52
M21	19 54	12 9	4 41	22 54	0 8	18 31	4 3	23 22	0 46	3 59	1 18	20 12	0 17	3 53	0 40	7 30	0 52	22 5	1 23	9 3	9 16	16 41	15 22	2 51
T 22	19 40	8 55	4 12	22 56	0 0	18 38	4 1	23 17	0 47	4 0	1 19	20 13	0 17	3 53	0 40	7 29	0 52	22 5	1 23	8 58	9 15	16 40	15 21	2 51
W23	19 26	5 17	3 33	22 57	0s 8	18 46	3 59	23 12	0 47	4 1	1 19	20 14	0 17	3 54	0 40	7 28	0 52	22 5	1 23	8 54	9 14	16 39	15 21	2 51
T 24	19 12	1 24	2 43	22 56	0 16	18 54	3 57	23 7	0 48	4 3	1 19	20 15	0 17	3 55	0 40	7 27	0 52	22 6	1 23	8 51	9 13	16 38	15 21	2 51
F 25	18 58	2s35	1 45	22 54	0 23	19 1	3 55	23 2	0 48	4 4	1 19	20 16	0 17	3 55	0 40	7 27	0 52	22 6	1 23	8 50	9 12	16 37	15 21	2 51
S 26	18 43	6 32	0 41	22 51	0 31	19 8	3 52	22 56	0 49	4 6	1 20	20 17	0 17	3 56	0 40	7 26	0 52	22 6	1 23	8 49	9 10	16 36	15 21	2 51
S 27	18 27	10 16	0n27	22 47	0 38	19 15	3 50	22 50	0 49	4 8	1 20	20 19	0 17	3 57	0 40	7 25	0 52	22 7	1 23	8 49	9 9	16 35	15 21	2 51
M28	18 12	13 36	1 35	22 42	0 45	19 22	3 47	22 44	0 50	4 9	1 20	20 20	0 18	3 58	0 40	7 25	0 52	22 7	1 23	8 49	9 8	16 34	15 22	2 51
T 29	17 56	16 18	2 40	22 36	0 51	19 28	3 44	22 38	0 50	4 11	1 20	20 21	0 18	3 58	0 40	7 24	0 52	22 7	1 23	8 49	9 7	16 33	15 22	2 51
W30	17 40	18 8	3 38	22 28	0 58	19 34	3 41	22 31	0 51	4 13	1 21	20 22	0 18	3 59	0 40	7 23	0 52	22 7	1 23	8 48	9 6	16 32	15 22	2 51
T 31	17s23	18s51	4n24	22s19	1s 4	19s40	3n38	22s24	0s51	4n15	1n21	20n23	0n18	4n 0	0s40	7s22	0s52	22n 8	1n23	8s46	9s 5	16n31	15n22	2s51

Julian Day Number = 2518019.5, Delta T = 146.42 sec
Ecliptic obliquity = 23°24'47, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°17'01, Lahiri = 26°24'01

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2182
geocentric

FEBRUARY 2182 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 45 44	12♒15'56	7♑58	25♑39	25♐26	23♑ 6	22°R20	0°R 5	11♈42	13♓18	26°R49	22°R25	23♎20	22♋16	21♉28	F 1
S 2	8 49 41	13°16'54	23° 7	27° 9	26°27	23°52	22♏16	0♌ 0	11°44	13°20	26♋47	22♎15	23°17	22°23	21°28	S 2
S 3	8 53 37	14°17'50	8♒23	28°41	27°29	24°38	22°11	29♋55	11°46	13°22	26°46	22° 4	23°14	22°29	21°28	S 3
M 4	8 57 34	15°18'46	23°35	0♒13	28°31	25°23	22° 6	29°51	11°49	13°24	26°45	21°54	23°11	22°36	21°28	M 4
T 5	9 1 31	16°19'40	8♓33	1°46	29°33	26° 9	22° 1	29°46	11°51	13°26	26°44	21°46	23° 8	22°43	21°29	T 5
W 6	9 5 27	17°20'34	23° 7	3°19	0♑36	26°55	21°55	29°42	11°53	13°28	26°43	21°40	23° 4	22°49	21°29	W 6
T 7	9 9 24	18°21'25	7♈13	4°53	1°38	27°41	21°50	29°37	11°55	13°30	26°41	21°37	23° 1	22°56	21°30	T 7
F 8	9 13 20	19°22'16	20°50	6°28	2°42	28°27	21°44	29°32	11°58	13°32	26°40	21°D36	22°58	23° 3	21°30	F 8
S 9	9 17 17	20°23'05	3♉58	8° 4	3°45	29°13	21°39	29°28	12° 0	13°34	26°39	21°36	22°55	23°10	21°31	S 9
S 10	9 21 13	21°23'53	16°42	9°41	4°49	29°59	21°33	29°24	12° 3	13°36	26°38	21°R37	22°52	23°16	21°32	S 10
M11	9 25 10	22°24'39	29° 6	11°18	5°53	0♒45	21°27	29°19	12° 5	13°39	26°37	21°37	22°48	23°23	21°32	M11
T 12	9 29 6	23°25'24	11♊15	12°56	6°57	1°31	21°21	29°15	12° 8	13°41	26°35	21°35	22°45	23°30	21°33	T 12
W13	9 33 3	24°26'07	23°13	14°35	8° 2	2°18	21°15	29°11	12°10	13°43	26°34	21°31	22°42	23°37	21°34	W13
T 14	9 37 0	25°26'49	5♋ 6	16°14	9° 7	3° 4	21° 8	29° 7	12°13	13°45	26°33	21°24	22°39	23°43	21°35	T 14
F 15	9 40 56	26°27'29	16°57	17°55	10°12	3°50	21° 2	29° 2	12°15	13°47	26°32	21°15	22°36	23°50	21°36	F 15
S 16	9 44 53	27°28'07	28°49	19°36	11°17	4°36	20°55	28°58	12°18	13°49	26°31	21° 5	22°33	23°57	21°37	S 16
S 17	9 48 49	28°28'44	10♌45	21°18	12°22	5°22	20°49	28°54	12°21	13°52	26°30	20°54	22°29	24° 3	21°38	S 17
M18	9 52 46	29°29'20	22°46	23° 1	13°28	6° 9	20°42	28°51	12°23	13°54	26°29	20°44	22°26	24°10	21°40	M18
T 19	9 56 42	0♓29'54	4♍53	24°45	14°34	6°55	20°35	28°47	12°26	13°56	26°28	20°35	22°23	24°17	21°41	T 19
W20	10 0 39	1°30'27	17° 8	26°30	15°40	7°41	20°28	28°43	12°29	13°58	26°27	20°28	22°20	24°24	21°42	W20
T 21	10 4 35	2°30'58	29°31	28°16	16°47	8°27	20°21	28°39	12°32	14° 1	26°26	20°23	22°17	24°30	21°44	T 21
F 22	10 8 32	3°31'27	12♎ 5	0♓ 2	17°53	9°14	20°14	28°36	12°34	14° 3	26°25	20°21	22°13	24°37	21°45	F 22
S 23	10 12 28	4°31'56	24°50	1°50	19° 0	10° 0	20° 6	28°32	12°37	14° 5	26°24	20°D21	22°10	24°44	21°47	S 23
S 24	10 16 25	5°32'23	7♏48	3°38	20° 7	10°47	19°59	28°29	12°40	14° 7	26°23	20°22	22° 7	24°50	21°48	S 24
M25	10 20 22	6°32'48	21° 3	5°27	21°14	11°33	19°51	28°25	12°43	14°10	26°22	20°23	22° 4	24°57	21°50	M25
T 26	10 24 18	7°33'13	4♐36	7°18	22°21	12°19	19°44	28°22	12°46	14°12	26°21	20°R24	22° 1	25° 4	21°51	T 26
W27	10 28 15	8°33'36	18°29	9° 9	23°29	13° 6	19°36	28°19	12°49	14°14	26°20	20°24	21°58	25°11	21°53	W27
T 28	10 32 11	9♓33'58	2♑42	11♓ 1	24♑37	13♒52	19♏29	28♋16	12♈52	14♓16	26♋19	20♎22	21♎54	25♋17	21♉55	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	17s 6	18s18	4n53	22s 8	1s10	19s45	3n35	22s17	0s52	4n17	1n21	20n24	0n18	4n 1	0s40	7s21	0s52	22n 8	1n23	8s43	9s 3	16n30	15n22	2s50	F 1
S 2	16 49	16 28	5 2	21 57	1 16	19 50	3 32	22 10	0 52	4 19	1 21	20 25	0 18	4 2	0 40	7 21	0 52	22 8	1 23	8 39	9 2	16 29	15 22	2 50	S 2
S 3	16 31	13 28	4 50	21 44	1 21	19 55	3 29	22 2	0 53	4 21	1 22	20 26	0 18	4 3	0 40	7 20	0 52	22 9	1 23	8 35	9 1	16 28	15 22	2 50	S 3
M 4	16 14	9 35	4 18	21 30	1 27	19 59	3 25	21 55	0 53	4 23	1 22	20 28	0 18	4 4	0 39	7 19	0 52	22 9	1 23	8 31	9 0	16 27	15 22	2 50	M 4
T 5	15 56	5 8	3 28	21 14	1 32	20 3	3 22	21 47	0 54	4 25	1 22	20 29	0 18	4 4	0 39	7 18	0 52	22 9	1 24	8 28	8 59	16 26	15 23	2 50	T 5
W 6	15 37	0 30	2 26	20 57	1 36	20 7	3 18	21 38	0 54	4 28	1 22	20 30	0 18	4 5	0 39	7 18	0 52	22 10	1 24	8 26	8 58	16 24	15 23	2 50	W 6
T 7	15 19	4n 1	1 16	20 39	1 41	20 10	3 14	21 30	0 55	4 30	1 22	20 31	0 19	4 6	0 39	7 17	0 52	22 10	1 24	8 25	8 56	16 23	15 23	2 50	T 7
F 8	15 0	8 11	0 4	20 19	1 45	20 12	3 11	21 21	0 55	4 32	1 23	20 32	0 19	4 7	0 39	7 16	0 52	22 10	1 24	8 25	8 55	16 22	15 23	2 50	F 8
S 9	14 41	11 48	1s 6	19 58	1 48	20 15	3 7	21 12	0 56	4 35	1 23	20 33	0 19	4 8	0 39	7 15	0 52	22 10	1 24	8 25	8 54	16 21	15 23	2 50	S 9
S 10	14 21	14 44	2 10	19 36	1 52	20 17	3 3	21 3	0 56	4 37	1 23	20 34	0 19	4 9	0 39	7 14	0 52	22 11	1 24	8 25	8 53	16 20	15 24	2 50	S 10
M11	14 2	16 54	3 6	19 13	1 55	20 18	2 59	20 53	0 57	4 40	1 23	20 35	0 19	4 10	0 39	7 13	0 52	22 11	1 24	8 25	8 52	16 19	15 24	2 49	M11
T 12	13 42	18 15	3 53	18 48	1 58	20 19	2 55	20 44	0 57	4 42	1 23	20 36	0 19	4 11	0 39	7 13	0 52	22 11	1 24	8 24	8 50	16 18	15 24	2 49	T 12
W13	13 22	18 46	4 29	18 21	2 0	20 19	2 51	20 34	0 57	4 45	1 24	20 37	0 19	4 12	0 39	7 12	0 52	22 11	1 24	8 23	8 49	16 17	15 25	2 49	W13
T 14	13 1	18 26	4 53	17 54	2 2	20 19	2 47	20 23	0 58	4 48	1 24	20 38	0 19	4 13	0 39	7 11	0 52	22 12	1 24	8 20	8 48	16 16	15 25	2 49	T 14
F 15	12 41	17 19	5 4	17 24	2 4	20 19	2 43	20 13	0 58	4 50	1 24	20 39	0 19	4 14	0 39	7 10	0 52	22 12	1 24	8 17	8 47	16 15	15 25	2 49	F 15
S 16	12 20	15 26	5 2	16 54	2 5	20 18	2 39	20 3	0 59	4 53	1 24	20 40	0 19	4 15	0 39	7 9	0 52	22 12	1 24	8 13	8 46	16 14	15 26	2 49	S 16
S 17	11 59	12 55	4 47	16 22	2 6	20 17	2 34	19 52	0 59	4 56	1 24	20 40	0 19	4 16	0 39	7 8	0 52	22 12	1 24	8 9	8 45	16 12	15 26	2 49	S 17
M18	11 38	9 49	4 19	15 49	2 6	20 15	2 30	19 41	1 0	4 59	1 25	20 41	0 20	4 17	0 39	7 8	0 52	22 13	1 24	8 5	8 43	16 11	15 26	2 49	M18
T 19	11 17	6 18	3 40	15 15	2 6	20 12	2 26	19 30	1 0	5 2	1 25	20 42	0 20	4 19	0 39	7 7	0 52	22 13	1 24	8 2	8 42	16 10	15 27	2 49	T 19
W20	10 56	2 29	2 49	14 39	2 6	20 9	2 21	19 18	1 0	5 5	1 25	20 43	0 20	4 20	0 39	7 6	0 52	22 13	1 24	7 59	8 41	16 9	15 27	2 49	W20
T 21	10 34	1s29	1 50	14 1	2 5	20 6	2 17	19 7	1 1	5 7	1 25	20 44	0 20	4 21	0 39	7 5	0 52	22 13	1 24	7 57	8 40	16 8	15 28	2 49	T 21
F 22	10 12	5 27	0 45	13 23	2 4	20 2	2 13	18 55	1 1	5 10	1 25	20 45	0 20	4 22	0 39	7 4	0 52	22 14	1 24	7 57	8 39	16 7	15 28	2 48	F 22
S 23	9 50	9 14	0n24	12 43	2 2	19 57	2 8	18 43	1 2	5 13	1 25	20 45	0 20	4 23	0 39	7 3	0 52	22 14	1 24	7 57	8 37	16 6	15 29	2 48	S 23
S 24	9 28	12 38	1 33	12 2	2 0	19 52	2 4	18 30	1 2	5 16	1 25	20 46	0 20	4 24	0 39	7 2	0 52	22 14	1 24	7 57	8 36	16 5	15 29	2 48	S 24
M25	9 6	15 27	2 38	11 19	1 57	19 46	1 59	18 18	1 2	5 19	1 26	20 47	0 20	4 25	0 39	7 2	0 52	22 14	1 25	7 57	8 35	16 4	15 30	2 48	M25
T 26	8 44	17 29	3 37	10 35	1 54	19 40	1 55	18 5	1 3	5 23	1 26	20 48	0 20	4 26	0 39	7 1	0 52	22 15	1 25	7 58	8 34	16 2	15 30	2 48	T 26
W27	8 21	18 32	4 23	9 50	1 50	19 34	1 50	17 53	1 3	5 26	1 26	20 48	0 20	4 28	0 39	7 0	0 52	22 15	1 25	7 58	8 33	16 1	15 31	2 48	W27
T 28	7s58	18s28	4n56	9s 4	1s46	19s27	1n46	17s40	1s 4	5n29	1n26	20n49	0n20	4n29	0s39	6s59	0s52	22n15	1n25	7s57	8s32	16n 0	15n31	2s48	T 28

Julian Day Number = 2518050.5, Delta T = 146.49 sec
Ecliptic obliquity = 23°24'47, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°17'05, Lahiri = 26°24'06

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2182
geocentric

MARCH 2182 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 36 8	10♓34'18	17♉14	12♓53	25♉44	14♒39	19°R21	28°R13	12♈55	14♓19	26°R18	20°R18	21♎51	25♋24	21♉57	F 1
S 2	10 40 4	11°34'37	2♒ 0	14°47	26°52	15°26	19♍14	28♋10	12°58	14°21	26♋17	20♎12	21°48	25°31	21°59	S 2
S 3	10 44 1	12°34'55	16°53	16°41	28° 0	16°12	19° 6	28° 7	13° 1	14°23	26°16	20° 7	21°45	25°38	22° 1	S 3
M 4	10 47 57	13°35'10	1♓46	18°35	29° 9	16°59	18°58	28° 4	13° 4	14°25	26°16	20° 1	21°42	25°44	22° 3	M 4
T 5	10 51 54	14°35'24	16°31	20°30	0♒17	17°45	18°50	28° 2	13° 7	14°28	26°15	19°56	21°39	25°51	22° 5	T 5
W 6	10 55 51	15°35'37	0♈58	22°26	1°25	18°32	18°42	27°59	13°10	14°30	26°14	19°53	21°35	25°58	22° 7	W 6
T 7	10 59 47	16°35'47	15° 3	24°21	2°34	19°18	18°35	27°57	13°13	14°32	26°13	19°D52	21°32	26° 4	22° 9	T 7
F 8	11 3 44	17°35'55	28°43	26°17	3°43	20° 5	18°27	27°55	13°16	14°35	26°12	19°52	21°29	26°11	22°12	F 8
S 9	11 7 40	18°36'02	11♉57	28°12	4°51	20°52	18°19	27°52	13°20	14°37	26°12	19°53	21°26	26°18	22°14	S 9
S 10	11 11 37	19°36'06	24°47	0♈ 6	6° 0	21°38	18°11	27°50	13°23	14°39	26°11	19°55	21°23	26°25	22°16	S 10
M11	11 15 33	20°36'09	7♊17	2° 0	7° 9	22°25	18° 3	27°48	13°26	14°41	26°10	19°56	21°19	26°31	22°19	M11
T 12	11 19 30	21°36'09	19°30	3°52	8°19	23°12	17°55	27°46	13°29	14°44	26°10	19°R57	21°16	26°38	22°21	T 12
W13	11 23 26	22°36'07	1♋31	5°43	9°28	23°58	17°48	27°44	13°33	14°46	26° 9	19°57	21°13	26°45	22°24	W13
T 14	11 27 23	23°36'02	13°25	7°32	10°37	24°45	17°40	27°43	13°36	14°48	26° 8	19°55	21°10	26°51	22°26	T 14
F 15	11 31 20	24°35'56	25°17	9°18	11°47	25°32	17°32	27°41	13°39	14°50	26° 8	19°52	21° 7	26°58	22°29	F 15
S 16	11 35 16	25°35'48	7♌10	11° 1	12°56	26°19	17°24	27°40	13°42	14°53	26° 7	19°49	21° 4	27° 5	22°31	S 16
S 17	11 39 13	26°35'37	19° 9	12°40	14° 6	27° 5	17°17	27°38	13°46	14°55	26° 7	19°45	21° 0	27°12	22°34	S 17
M18	11 43 9	27°35'24	1♍15	14°16	15°15	27°52	17° 9	27°37	13°49	14°57	26° 6	19°41	20°57	27°18	22°37	M18
T 19	11 47 6	28°35'09	13°32	15°47	16°25	28°39	17° 1	27°36	13°52	14°59	26° 6	19°38	20°54	27°25	22°40	T 19
W20	11 51 2	29°34'52	26° 0	17°13	17°35	29°25	16°54	27°35	13°56	15° 2	26° 5	19°35	20°51	27°32	22°43	W20
T 21	11 54 59	0♈34'33	8♎41	18°34	18°45	0♓12	16°46	27°34	13°59	15° 4	26° 5	19°34	20°48	27°39	22°46	T 21
F 22	11 58 55	1°34'12	21°34	19°49	19°55	0°59	16°39	27°33	14° 2	15° 6	26° 4	19°D33	20°44	27°45	22°49	F 22
S 23	12 2 52	2°33'49	4♏40	20°58	21° 5	1°46	16°32	27°32	14° 6	15° 8	26° 4	19°34	20°41	27°52	22°52	S 23
S 24	12 6 48	3°33'25	18° 0	22° 0	22°15	2°32	16°25	27°31	14° 9	15°10	26° 3	19°35	20°38	27°59	22°55	S 24
M25	12 10 45	4°32'59	1♐31	22°55	23°26	3°19	16°17	27°31	14°12	15°13	26° 3	19°36	20°35	28° 5	22°58	M25
T 26	12 14 42	5°32'31	15°16	23°42	24°36	4° 6	16°10	27°31	14°16	15°15	26° 3	19°37	20°32	28°12	23° 1	T 26
W27	12 18 38	6°32'01	29°12	24°23	25°47	4°53	16° 3	27°30	14°19	15°17	26° 2	19°38	20°29	28°19	23° 4	W27
T 28	12 22 35	7°31'29	13♑19	24°56	26°57	5°40	15°56	27°30	14°23	15°19	26° 2	19°R38	20°25	28°26	23° 7	T 28
F 29	12 26 31	8°30'56	27°36	25°21	28° 8	6°26	15°50	27°D30	14°26	15°21	26° 2	19°38	20°22	28°32	23°10	F 29
S 30	12 30 28	9°30'21	12♒ 0	25°38	29°18	7°13	15°43	27°30	14°30	15°23	26° 1	19°37	20°19	28°39	23°14	S 30
S 31	12 34 24	10♈29'44	26♒26	25♈48	0♓29	8♓ 0	15♍36	27♋30	14♈33	15♓26	26♋ 1	19♎36	20♎16	28♋46	23♉17	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	7s36	17s11	5n10	8s16	1s41	19s19	1n41	17s26	1s 4	5n32	1n26	20n50	0n20	4n30	0s39	6s58	0s52	22n15	1n25	7s55	8s30	15n59	15n32	2s48
S 2	7 13	14 46	5 4	7 28	1 36	19 11	1 37	17 13	1 4	5 35	1 26	20 50	0 21	4 31	0 39	6 57	0 52	22 15	1 25	7 53	8 29	15 58	15 32	2 48
S 3	6 50	11 21	4 37	6 38	1 30	19 2	1 32	17 0	1 5	5 38	1 26	20 51	0 21	4 32	0 39	6 56	0 52	22 16	1 25	7 51	8 28	15 57	15 33	2 48
M 4	6 27	7 13	3 52	5 47	1 23	18 53	1 28	16 46	1 5	5 41	1 26	20 52	0 21	4 34	0 39	6 55	0 52	22 16	1 25	7 49	8 27	15 56	15 34	2 48
T 5	6 4	2 41	2 52	4 55	1 16	18 43	1 23	16 32	1 5	5 44	1 26	20 52	0 21	4 35	0 39	6 55	0 52	22 16	1 25	7 47	8 26	15 54	15 34	2 48
W 6	5 40	1n56	1 41	4 3	1 8	18 32	1 19	16 18	1 6	5 47	1 27	20 53	0 21	4 36	0 39	6 54	0 52	22 16	1 25	7 46	8 24	15 53	15 35	2 47
T 7	5 17	6 20	0 26	3 9	1 0	18 21	1 14	16 4	1 6	5 51	1 27	20 53	0 21	4 37	0 39	6 53	0 52	22 16	1 25	7 46	8 23	15 52	15 35	2 47
F 8	4 54	10 15	0s48	2 15	0 51	18 10	1 10	15 49	1 6	5 54	1 27	20 54	0 21	4 38	0 39	6 52	0 52	22 17	1 25	7 46	8 22	15 51	15 36	2 47
S 9	4 30	13 32	1 58	1 21	0 41	17 58	1 5	15 35	1 7	5 57	1 27	20 55	0 21	4 40	0 39	6 51	0 52	22 17	1 25	7 46	8 21	15 50	15 37	2 47
S 10	4 7	16 2	3 0	0 26	0 31	17 46	1 1	15 20	1 7	6 0	1 27	20 55	0 21	4 41	0 39	6 50	0 52	22 17	1 25	7 47	8 20	15 49	15 37	2 47
M11	3 43	17 42	3 51	0n29	0 21	17 33	0 57	15 5	1 7	6 3	1 27	20 55	0 21	4 42	0 39	6 49	0 52	22 17	1 25	7 47	8 18	15 48	15 38	2 47
T 12	3 20	18 30	4 31	1 23	0 10	17 20	0 52	14 50	1 8	6 6	1 27	20 56	0 21	4 43	0 39	6 48	0 52	22 17	1 25	7 48	8 17	15 46	15 39	2 47
W13	2 56	18 27	4 58	2 18	0n 2	17 6	0 48	14 35	1 8	6 9	1 27	20 56	0 21	4 45	0 39	6 48	0 52	22 17	1 25	7 47	8 16	15 45	15 39	2 47
T 14	2 32	17 34	5 12	3 12	0 14	16 51	0 44	14 20	1 8	6 12	1 27	20 57	0 21	4 46	0 39	6 47	0 52	22 18	1 25	7 47	8 15	15 44	15 40	2 47
F 15	2 9	15 56	5 12	4 5	0 26	16 37	0 39	14 4	1 9	6 15	1 27	20 57	0 21	4 47	0 39	6 46	0 52	22 18	1 25	7 46	8 14	15 43	15 41	2 47
S 16	1 45	13 38	4 59	4 57	0 39	16 21	0 35	13 49	1 9	6 18	1 27	20 57	0 22	4 49	0 39	6 45	0 52	22 18	1 25	7 44	8 13	15 42	15 42	2 47
S 17	1 21	10 44	4 34	5 48	0 52	16 5	0 31	13 33	1 9	6 21	1 27	20 58	0 22	4 50	0 39	6 44	0 52	22 18	1 25	7 43	8 11	15 41	15 42	2 47
M18	0 57	7 21	3 55	6 37	1 5	15 49	0 27	13 17	1 9	6 24	1 27	20 58	0 22	4 51	0 39	6 43	0 52	22 18	1 25	7 41	8 10	15 39	15 43	2 47
T 19	0 34	3 37	3 6	7 24	1 18	15 32	0 22	13 1	1 10	6 27	1 27	20 58	0 22	4 53	0 38	6 42	0 52	22 18	1 25	7 40	8 9	15 38	15 44	2 47
W20	0 10	0s21	2 6	8 9	1 31	15 15	0 18	12 45	1 10	6 30	1 27	20 59	0 22	4 54	0 38	6 42	0 52	22 18	1 25	7 39	8 8	15 37	15 45	2 46
T 21	0n14	4 21	1 0	8 52	1 43	14 58	0 14	12 29	1 10	6 33	1 27	20 59	0 22	4 55	0 38	6 41	0 52	22 19	1 25	7 39	8 7	15 36	15 45	2 46
F 22	0 37	8 14	0n11	9 32	1 56	14 40	0 10	12 13	1 10	6 36	1 27	20 59	0 22	4 56	0 38	6 40	0 52	22 19	1 25	7 39	8 5	15 35	15 46	2 46
S 23	1 1	11 46	1 23	10 9	2 8	14 21	0 6	11 56	1 11	6 39	1 27	20 59	0 22	4 58	0 38	6 39	0 52	22 19	1 25	7 39	8 4	15 34	15 47	2 46
S 24	1 25	14 46	2 31	10 43	2 19	14 2	0 2	11 40	1 11	6 41	1 27	21 0	0 22	4 59	0 38	6 38	0 52	22 19	1 26	7 39	8 3	15 32	15 48	2 46
M25	1 48	16 59	3 32	11 13	2 30	13 43	0s 1	11 23	1 11	6 44	1 27	21 0	0 22	5 0	0 38	6 37	0 52	22 19	1 26	7 40	8 2	15 31	15 49	2 46
T 26	2 12	18 16	4 21	11 40	2 40	13 23	0 5	11 6	1 11	6 47	1 27	21 0	0 22	5 2	0 38	6 37	0 52	22 19	1 26	7 40	8 1	15 30	15 49	2 46
W27	2 35	18 28	4 57	12 4	2 49	13 3	0 9	10 49	1 11	6 50	1 27	21 0	0 22	5 3	0 38	6 36	0 52	22 19	1 26	7 40	7 59	15 29	15 50	2 46
T 28	2 59	17 32	5 15	12 23	2 57	12 43	0 13	10 32	1 12	6 52	1 27	21 0	0 22	5 4	0 38	6 35	0 52	22 19	1 26	7 40	7 58	15 28	15 51	2 46
F 29	3 22	15 30	5 13	12 39	3 4	12 22	0 16	10 15	1 12	6 55	1 27	21 0	0 22	5 6	0 38	6 34	0 52	22 19	1 26	7 40	7 57	15 26	15 52	2 46
S 30	3 46	12 29	4 53	12 51	3 10	12 1	0 20	9 58	1 12	6 57	1 27	21 0	0 22	5 7	0 38	6 33	0 52	22 19	1 26	7 40	7 56	15 25	15 53	2 46
S 31	4n 9	8s43	4n14	12n59	3n15	11s39	0s24	9s41	1s12	7n 0	1n26	21n 0	0n22	5n 8	0s38	6s33	0s52	22n19	1n26	7s39	7s55	15n24	15n54	2s46

Julian Day Number = 2518078.5, Delta T = 146.56 sec
Ecliptic obliquity = 23°24'48, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°17'09, Lahiri = 26°24'10

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2182
geocentric

APRIL 2182 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 38 21	11♈29'06	10♓50	25°R50	1♓40	8♓47	15°R30	27♋30	14♈36	15♓28	26°R 1	19°R35	20♎13	28♋52	23♉20	M 1
T 2	12 42 17	12°28'25	25° 8	25♈45	2°51	9°34	15♍24	27°31	14°40	15°30	26♋ 1	19♎34	20°10	28°59	23°24	T 2
W 3	12 46 14	13°27'43	9♈14	25°33	4° 1	10°20	15°17	27°31	14°43	15°32	26° 1	19°33	20° 6	29° 6	23°27	W 3
T 4	12 50 11	14°26'58	23° 3	25°14	5°12	11° 7	15°11	27°32	14°47	15°34	26° 1	19°D33	20° 3	29°13	23°31	T 4
F 5	12 54 7	15°26'12	6♉34	24°49	6°23	11°54	15° 5	27°33	14°50	15°36	26° 0	19°33	20° 0	29°19	23°34	F 5
S 6	12 58 4	16°25'23	19°45	24°18	7°34	12°41	14°59	27°33	14°54	15°38	26° 0	19°34	19°57	29°26	23°38	S 6
S 7	13 2 0	17°24'32	2♊35	23°43	8°45	13°27	14°54	27°34	14°57	15°40	26° 0	19°34	19°54	29°33	23°41	S 7
M 8	13 5 57	18°23'39	15° 7	23° 4	9°57	14°14	14°48	27°35	15° 0	15°42	26°D 0	19°34	19°50	29°40	23°45	M 8
T 9	13 9 53	19°22'44	27°22	22°21	11° 8	15° 1	14°43	27°36	15° 4	15°44	26° 0	19°R34	19°47	29°46	23°49	T 9
W10	13 13 50	20°21'47	9♋26	21°36	12°19	15°48	14°37	27°38	15° 7	15°46	26° 0	19°34	19°44	29°53	23°52	W10
T 11	13 17 46	21°20'47	21°22	20°50	13°30	16°34	14°32	27°39	15°11	15°48	26° 0	19°D34	19°41	29°59	23°56	T 11
F 12	13 21 43	22°19'45	3♌15	20° 3	14°41	17°21	14°27	27°41	15°14	15°50	26° 1	19°34	19°38	0♌ 6	24° 0	F 12
S 13	13 25 40	23°18'40	15° 9	19°16	15°53	18° 8	14°23	27°42	15°17	15°52	26° 1	19°35	19°35	0°13	24° 3	S 13
S 14	13 29 36	24°17'33	27°10	18°31	17° 4	18°54	14°18	27°44	15°21	15°54	26° 1	19°35	19°31	0°20	24° 7	S 14
M15	13 33 33	25°16'25	9♍20	17°48	18°15	19°41	14°13	27°46	15°24	15°55	26° 1	19°36	19°28	0°27	24°11	M15
T 16	13 37 29	26°15'13	21°43	17° 7	19°27	20°28	14° 9	27°47	15°28	15°57	26° 1	19°36	19°25	0°33	24°15	T 16
W17	13 41 26	27°14'00	4♎22	16°30	20°38	21°14	14° 5	27°49	15°31	15°59	26° 1	19°37	19°22	0°40	24°19	W17
T 18	13 45 22	28°12'45	17°19	15°57	21°50	22° 1	14° 1	27°52	15°34	16° 1	26° 1	19°R37	19°19	0°47	24°23	T 18
F 19	13 49 19	29°11'27	0♏33	15°28	23° 1	22°48	13°57	27°54	15°38	16° 3	26° 2	19°37	19°16	0°53	24°27	F 19
S 20	13 53 15	0♉10'08	14° 4	15° 3	24°13	23°34	13°54	27°56	15°41	16° 4	26° 2	19°36	19°12	1° 0	24°31	S 20
S 21	13 57 12	1° 8'47	27°50	14°44	25°25	24°21	13°50	27°58	15°44	16° 6	26° 2	19°35	19° 9	1° 7	24°34	S 21
M22	14 1 8	2° 7'24	11♐49	14°30	26°36	25° 7	13°47	28° 1	15°48	16° 8	26° 3	19°33	19° 6	1°14	24°38	M22
T 23	14 5 5	3° 5'59	25°56	14°20	27°48	25°54	13°44	28° 4	15°51	16°10	26° 3	19°32	19° 3	1°20	24°42	T 23
W24	14 9 2	4° 4'33	10♑ 8	14°D16	29° 0	26°40	13°41	28° 6	15°54	16°11	26° 3	19°30	19° 0	1°27	24°46	W24
T 25	14 12 58	5° 3'05	24°23	14°17	0♈11	27°27	13°38	28° 9	15°58	16°13	26° 4	19°30	18°56	1°34	24°51	T 25
F 26	14 16 55	6° 1'36	8♒36	14°23	1°23	28°13	13°35	28°12	16° 1	16°15	26° 4	19°D29	18°53	1°40	24°55	F 26
S 27	14 20 51	7° 0'05	22°47	14°34	2°35	29° 0	13°33	28°15	16° 4	16°16	26° 5	19°30	18°50	1°47	24°59	S 27
S 28	14 24 48	7°58'32	6♓52	14°50	3°47	29°46	13°31	28°18	16° 7	16°18	26° 5	19°31	18°47	1°54	25° 3	S 28
M29	14 28 44	8°56'58	20°50	15°10	4°59	0♈33	13°29	28°21	16°11	16°19	26° 6	19°32	18°44	2° 1	25° 7	M29
T 30	14 32 41	9♉55'22	4♈39	15♈35	6♈10	1♈19	13♍27	28♋25	16♈14	16♓21	26♋ 6	19♎33	18♎41	2♌ 7	25♉11	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	4n32	4s26	3n18	13n 3	3n18	11s18	0s27	9s23	1s12	7n 2	1n26	21n 0	0n23	5n10	0s38	6s32	0s52	22n20	1n26	7s39	7s53	15n23	15n55	2s46
T 2	4 55	0n 5	2 11	13 2	3 20	10 55	0 30	9 6	1 13	7 5	1 26	21 0	0 23	5 11	0 38	6 31	0 52	22 20	1 26	7 39	7 52	15 22	15 55	2 46
W 3	5 18	4 32	0 57	12 58	3 20	10 33	0 34	8 48	1 13	7 7	1 26	21 0	0 23	5 12	0 38	6 30	0 52	22 20	1 26	7 39	7 51	15 20	15 56	2 46
T 4	5 41	8 39	0s19	12 49	3 18	10 10	0 37	8 31	1 13	7 9	1 26	21 0	0 23	5 14	0 38	6 29	0 52	22 20	1 26	7 39	7 50	15 19	15 57	2 46
F 5	6 4	12 14	1 33	12 37	3 15	9 47	0 40	8 13	1 13	7 11	1 26	21 0	0 23	5 15	0 38	6 29	0 52	22 20	1 26	7 39	7 49	15 18	15 58	2 46
S 6	6 27	15 5	2 40	12 21	3 10	9 24	0 43	7 55	1 13	7 14	1 26	21 0	0 23	5 16	0 38	6 28	0 52	22 20	1 26	7 39	7 47	15 17	15 59	2 46
S 7	6 50	17 7	3 37	12 2	3 4	9 0	0 47	7 37	1 13	7 16	1 26	21 0	0 23	5 18	0 38	6 27	0 52	22 20	1 26	7 39	7 46	15 16	16 0	2 46
M 8	7 12	18 15	4 22	11 40	2 55	8 36	0 50	7 20	1 13	7 18	1 26	21 0	0 23	5 19	0 38	6 26	0 53	22 20	1 26	7 39	7 45	15 14	16 1	2 46
T 9	7 35	18 30	4 54	11 15	2 46	8 12	0 53	7 2	1 14	7 20	1 26	21 0	0 23	5 20	0 38	6 26	0 53	22 20	1 26	7 39	7 44	15 13	16 2	2 46
W10	7 57	17 53	5 12	10 48	2 35	7 47	0 55	6 44	1 14	7 22	1 25	20 59	0 23	5 22	0 38	6 25	0 53	22 20	1 26	7 39	7 43	15 12	16 3	2 46
T 11	8 19	16 30	5 17	10 19	2 22	7 22	0 58	6 26	1 14	7 24	1 25	20 59	0 23	5 23	0 38	6 24	0 53	22 20	1 26	7 39	7 41	15 11	16 3	2 46
F 12	8 41	14 24	5 8	9 49	2 9	6 58	1 1	6 7	1 14	7 25	1 25	20 59	0 23	5 24	0 38	6 23	0 53	22 20	1 26	7 39	7 40	15 9	16 4	2 46
S 13	9 3	11 42	4 46	9 18	1 54	6 32	1 4	5 49	1 14	7 27	1 25	20 59	0 23	5 26	0 38	6 23	0 53	22 20	1 26	7 39	7 39	15 8	16 5	2 46
S 14	9 25	8 30	4 12	8 46	1 39	6 7	1 6	5 31	1 14	7 29	1 25	20 58	0 23	5 27	0 38	6 22	0 53	22 20	1 26	7 39	7 38	15 7	16 6	2 46
M15	9 46	4 53	3 25	8 15	1 23	5 41	1 9	5 13	1 14	7 30	1 25	20 58	0 23	5 28	0 38	6 21	0 53	22 20	1 26	7 39	7 37	15 6	16 7	2 46
T 16	10 7	1 0	2 29	7 44	1 6	5 16	1 11	4 55	1 14	7 32	1 25	20 58	0 23	5 29	0 38	6 21	0 53	22 20	1 26	7 40	7 35	15 5	16 8	2 46
W17	10 29	3s 1	1 24	7 15	0 50	4 50	1 13	4 36	1 14	7 33	1 24	20 57	0 23	5 31	0 38	6 20	0 53	22 20	1 26	7 40	7 34	15 3	16 9	2 46
T 18	10 50	6 59	0 13	6 46	0 33	4 24	1 16	4 18	1 14	7 35	1 24	20 57	0 23	5 32	0 38	6 19	0 53	22 20	1 26	7 40	7 33	15 2	16 10	2 46
F 19	11 10	10 43	1n 0	6 20	0 16	3 57	1 18	4 0	1 14	7 36	1 24	20 57	0 23	5 33	0 38	6 19	0 53	22 20	1 26	7 40	7 32	15 1	16 11	2 46
S 20	11 31	13 57	2 11	5 55	0s 0	3 31	1 20	3 41	1 14	7 37	1 24	20 56	0 24	5 35	0 38	6 18	0 53	22 20	1 26	7 40	7 31	15 0	16 12	2 46
S 21	11 52	16 28	3 16	5 33	0 16	3 4	1 22	3 23	1 14	7 38	1 24	20 56	0 24	5 36	0 38	6 17	0 53	22 20	1 26	7 39	7 29	14 58	16 13	2 46
M22	12 12	18 3	4 10	5 13	0 32	2 38	1 24	3 4	1 14	7 40	1 24	20 55	0 24	5 37	0 38	6 17	0 53	22 20	1 26	7 39	7 28	14 57	16 14	2 46
T 23	12 32	18 32	4 50	4 56	0 46	2 11	1 26	2 46	1 14	7 41	1 24	20 55	0 24	5 38	0 38	6 16	0 53	22 20	1 26	7 38	7 27	14 56	16 15	2 46
W24	12 52	17 51	5 12	4 41	1 1	1 44	1 27	2 27	1 14	7 42	1 23	20 54	0 24	5 40	0 38	6 15	0 53	22 20	1 26	7 38	7 26	14 55	16 16	2 46
T 25	13 12	16 3	5 15	4 29	1 14	1 17	1 29	2 9	1 14	7 43	1 23	20 54	0 24	5 41	0 38	6 15	0 53	22 20	1 26	7 37	7 25	14 53	16 16	2 46
F 26	13 31	13 17	4 59	4 19	1 27	0 50	1 31	1 50	1 14	7 43	1 23	20 53	0 24	5 42	0 38	6 14	0 53	22 20	1 26	7 37	7 23	14 52	16 17	2 46
S 27	13 50	9 44	4 24	4 12	1 39	0 23	1 32	1 32	1 14	7 44	1 23	20 53	0 24	5 43	0 38	6 14	0 53	22 20	1 27	7 37	7 22	14 51	16 18	2 46
S 28	14 9	5 40	3 34	4 8	1 51	0n 4	1 34	1 13	1 14	7 45	1 23	20 52	0 24	5 45	0 38	6 13	0 53	22 20	1 27	7 38	7 21	14 50	16 19	2 46
M29	14 28	1 18	2 32	4 6	2 1	0 31	1 35	0 55	1 14	7 46	1 22	20 52	0 24	5 46	0 38	6 12	0 53	22 19	1 27	7 38	7 20	14 48	16 20	2 46
T 30	14n46	3n 5	1n21	4n 6	2s11	0n59	1s36	0s36	1s14	7n46	1n22	20n51	0n24	5n47	0s38	6s12	0s53	22n19	1n27	7s39	7s19	14n47	16n21	2s46

Julian Day Number = 2518109.5, Delta T = 146.63 sec
Ecliptic obliquity = 23°24'48, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°17'13, Lahiri = 26°24'14

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2182
geocentric

MAY 2182 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 36 37	10♉53'44	18♈17	16♈ 4	7♈22	2♈ 5	13°R25	28♋28	16♈17	16♓22	26♋ 7	19°R34	18♎37	2♌14	25♉15	W 1
T 2	14 40 34	11°52'05	1♉43	16°37	8°34	2°52	13♍23	28°31	16°20	16°24	26° 7	19♎33	18°34	2°21	25°19	T 2
F 3	14 44 31	12°50'24	14°55	17°14	9°46	3°38	13°22	28°35	16°23	16°25	26° 8	19°32	18°31	2°28	25°23	F 3
S 4	14 48 27	13°48'41	27°53	17°55	10°58	4°24	13°21	28°39	16°27	16°27	26° 8	19°29	18°28	2°34	25°28	S 4
S 5	14 52 24	14°46'57	10♊35	18°40	12°10	5°11	13°20	28°42	16°30	16°28	26° 9	19°25	18°25	2°41	25°32	S 5
M 6	14 56 20	15°45'10	23° 2	19°28	13°22	5°57	13°19	28°46	16°33	16°30	26°10	19°21	18°21	2°48	25°36	M 6
T 7	15 0 17	16°43'22	5♋16	20°19	14°34	6°43	13°19	28°50	16°36	16°31	26°10	19°17	18°18	2°54	25°40	T 7
W 8	15 4 13	17°41'32	17°19	21°14	15°46	7°29	13°18	28°54	16°39	16°32	26°11	19°13	18°15	3° 1	25°44	W 8
T 9	15 8 10	18°39'40	29°15	22°12	16°58	8°15	13°18	28°58	16°42	16°34	26°12	19°10	18°12	3° 8	25°49	T 9
F 10	15 12 6	19°37'46	11♌ 8	23°12	18°11	9° 2	13°D18	29° 3	16°45	16°35	26°13	19° 8	18° 9	3°15	25°53	F 10
S 11	15 16 3	20°35'50	23° 2	24°16	19°23	9°48	13°18	29° 7	16°48	16°36	26°13	19°D 8	18° 6	3°21	25°57	S 11
S 12	15 20 0	21°33'52	5♍ 1	25°23	20°35	10°34	13°18	29°11	16°51	16°37	26°14	19° 9	18° 2	3°28	26° 1	S 12
M13	15 23 56	22°31'52	17°11	26°32	21°47	11°20	13°19	29°16	16°54	16°39	26°15	19°10	17°59	3°35	26° 6	M13
T 14	15 27 53	23°29'51	29°37	27°44	22°59	12° 6	13°20	29°20	16°57	16°40	26°16	19°12	17°56	3°41	26°10	T 14
W15	15 31 49	24°27'47	12♎21	28°58	24°11	12°52	13°20	29°25	17° 0	16°41	26°17	19°13	17°53	3°48	26°14	W15
T 16	15 35 46	25°25'42	25°28	0♏15	25°23	13°37	13°22	29°30	17° 3	16°42	26°18	19°R13	17°50	3°55	26°18	T 16
F 17	15 39 42	26°23'35	8♏58	1°34	26°36	14°23	13°23	29°34	17° 5	16°43	26°18	19°12	17°47	4° 2	26°23	F 17
S 18	15 43 39	27°21'27	22°50	2°56	27°48	15° 9	13°24	29°39	17° 8	16°44	26°19	19° 8	17°43	4° 8	26°27	S 18
S 19	15 47 35	28°19'17	7♐ 2	4°20	29° 0	15°55	13°26	29°44	17°11	16°45	26°20	19° 3	17°40	4°15	26°31	S 19
M20	15 51 32	29°17'06	21°28	5°46	0♑12	16°41	13°28	29°49	17°14	16°46	26°21	18°58	17°37	4°22	26°35	M20
T 21	15 55 29	0♊14'54	6♑ 3	7°15	1°25	17°26	13°30	29°54	17°16	16°47	26°22	18°51	17°34	4°28	26°40	T 21
W22	15 59 25	1°12'40	20°40	8°46	2°37	18°12	13°32	29°59	17°19	16°48	26°23	18°46	17°31	4°35	26°44	W22
T 23	16 3 22	2°10'25	5♒12	10°19	3°49	18°58	13°34	0♌ 5	17°22	16°49	26°24	18°42	17°27	4°42	26°48	T 23
F 24	16 7 18	3° 8'09	19°34	11°54	5° 2	19°43	13°36	0°10	17°25	16°50	26°25	18°39	17°24	4°49	26°52	F 24
S 25	16 11 15	4° 5'52	3♓44	13°32	6°14	20°29	13°39	0°15	17°27	16°51	26°26	18°D38	17°21	4°55	26°57	S 25
S 26	16 15 11	5° 3'34	17°39	15°12	7°27	21°14	13°42	0°21	17°30	16°51	26°27	18°39	17°18	5° 2	27° 1	S 26
M27	16 19 8	6° 1'15	1♈21	16°54	8°39	22° 0	13°45	0°26	17°32	16°52	26°29	18°40	17°15	5° 9	27° 5	M27
T 28	16 23 4	6°58'55	14°48	18°38	9°51	22°45	13°48	0°32	17°35	16°53	26°30	18°R41	17°12	5°15	27° 9	T 28
W29	16 27 1	7°56'34	28° 3	20°25	11° 4	23°30	13°51	0°37	17°37	16°54	26°31	18°40	17° 8	5°22	27°14	W29
T 30	16 30 58	8°54'12	11♉ 5	22°14	12°16	24°16	13°55	0°43	17°40	16°54	26°32	18°38	17° 5	5°29	27°18	T 30
F 31	16 34 54	9♊51'49	23♉56	24♉ 5	13♉29	25♈ 1	13♍58	0♌49	17♈42	16♓55	26♋33	18♎33	17♎ 2	5♌36	27♉22	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	15n 5	7n16	0n 7	4n 9	2s20	1n26	1s37	0s18	1s14	7n47	1n22	20n50	0n24	5n48	0s38	6s11	0s53	22n19	1n27	7s39	7s17	14n46	16n22	2s46
T 2	15 23	11 1	1s 6	4 14	2 28	1 53	1 38	0n 1	1 14	7 47	1 22	20 50	0 24	5 50	0 38	6 11	0 53	22 19	1 27	7 39	7 16	14 45	16 23	2 46
F 3	15 41	14 9	2 15	4 22	2 36	2 20	1 40	0 19	1 14	7 47	1 22	20 49	0 24	5 51	0 38	6 10	0 53	22 19	1 27	7 38	7 15	14 43	16 24	2 46
S 4	15 58	16 30	3 15	4 31	2 42	2 48	1 40	0 37	1 14	7 48	1 22	20 48	0 24	5 52	0 38	6 10	0 53	22 19	1 27	7 37	7 14	14 42	16 25	2 46
S 5	16 15	17 59	4 4	4 43	2 48	3 15	1 41	0 56	1 13	7 48	1 21	20 48	0 24	5 53	0 38	6 9	0 53	22 19	1 27	7 36	7 13	14 41	16 26	2 46
M 6	16 32	18 33	4 41	4 56	2 53	3 42	1 42	1 14	1 13	7 48	1 21	20 47	0 24	5 54	0 38	6 9	0 53	22 19	1 27	7 34	7 11	14 39	16 27	2 46
T 7	16 49	18 15	5 4	5 11	2 57	4 9	1 43	1 33	1 13	7 48	1 21	20 46	0 24	5 56	0 38	6 8	0 53	22 19	1 27	7 32	7 10	14 38	16 28	2 46
W 8	17 5	17 7	5 13	5 28	3 1	4 37	1 43	1 51	1 13	7 48	1 21	20 45	0 24	5 57	0 38	6 8	0 53	22 19	1 27	7 31	7 9	14 37	16 29	2 46
T 9	17 21	15 15	5 8	5 47	3 4	5 4	1 44	2 9	1 13	7 48	1 21	20 45	0 25	5 58	0 38	6 7	0 53	22 19	1 27	7 30	7 8	14 36	16 30	2 46
F 10	17 37	12 45	4 50	6 8	3 6	5 31	1 44	2 27	1 13	7 48	1 20	20 44	0 25	5 59	0 38	6 7	0 53	22 18	1 27	7 29	7 7	14 34	16 30	2 46
S 11	17 53	9 44	4 20	6 30	3 7	5 58	1 45	2 46	1 13	7 47	1 20	20 43	0 25	6 0	0 39	6 6	0 54	22 18	1 27	7 29	7 5	14 33	16 31	2 47
S 12	18 8	6 16	3 38	6 53	3 8	6 24	1 45	3 4	1 13	7 47	1 20	20 42	0 25	6 1	0 39	6 6	0 54	22 18	1 27	7 29	7 4	14 32	16 32	2 47
M13	18 23	2 30	2 46	7 18	3 8	6 51	1 45	3 22	1 12	7 47	1 20	20 41	0 25	6 2	0 39	6 5	0 54	22 18	1 27	7 30	7 3	14 30	16 33	2 47
T 14	18 38	1s27	1 45	7 44	3 8	7 18	1 45	3 40	1 12	7 46	1 20	20 40	0 25	6 3	0 39	6 5	0 54	22 18	1 27	7 30	7 2	14 29	16 34	2 47
W15	18 52	5 27	0 37	8 11	3 7	7 44	1 45	3 58	1 12	7 46	1 19	20 39	0 25	6 5	0 39	6 5	0 54	22 18	1 27	7 31	7 0	14 28	16 35	2 47
T 16	19 6	9 19	0n34	8 40	3 5	8 11	1 45	4 16	1 12	7 45	1 19	20 38	0 25	6 6	0 39	6 4	0 54	22 18	1 27	7 31	6 59	14 27	16 36	2 47
F 17	19 20	12 48	1 45	9 9	3 2	8 37	1 45	4 34	1 12	7 45	1 19	20 37	0 25	6 7	0 39	6 4	0 54	22 18	1 27	7 30	6 58	14 25	16 37	2 47
S 18	19 33	15 41	2 52	9 40	2 59	9 3	1 45	4 52	1 11	7 44	1 19	20 36	0 25	6 8	0 39	6 3	0 54	22 17	1 27	7 29	6 57	14 24	16 38	2 47
S 19	19 46	17 40	3 50	10 11	2 56	9 28	1 45	5 10	1 11	7 43	1 19	20 36	0 25	6 9	0 39	6 3	0 54	22 17	1 27	7 27	6 56	14 23	16 39	2 47
M20	19 59	18 34	4 35	10 44	2 52	9 54	1 44	5 27	1 11	7 42	1 18	20 35	0 25	6 10	0 39	6 3	0 54	22 17	1 27	7 25	6 54	14 21	16 40	2 47
T 21	20 11	18 15	5 2	11 17	2 47	10 20	1 44	5 45	1 11	7 41	1 18	20 33	0 25	6 11	0 39	6 2	0 54	22 17	1 27	7 23	6 53	14 20	16 40	2 47
W22	20 23	16 44	5 9	11 51	2 42	10 45	1 43	6 3	1 10	7 40	1 18	20 32	0 25	6 12	0 39	6 2	0 54	22 17	1 27	7 21	6 52	14 19	16 41	2 47
T 23	20 34	14 9	4 57	12 26	2 36	11 10	1 43	6 20	1 10	7 39	1 18	20 31	0 25	6 13	0 39	6 2	0 54	22 17	1 27	7 19	6 51	14 18	16 42	2 48
F 24	20 46	10 44	4 26	13 1	2 29	11 35	1 42	6 38	1 10	7 38	1 18	20 30	0 25	6 14	0 39	6 1	0 54	22 16	1 27	7 18	6 50	14 16	16 43	2 48
S 25	20 57	6 44	3 39	13 37	2 23	11 59	1 42	6 55	1 10	7 37	1 17	20 29	0 25	6 15	0 39	6 1	0 54	22 16	1 27	7 18	6 48	14 15	16 44	2 48
S 26	21 7	2 25	2 40	14 13	2 15	12 23	1 41	7 12	1 9	7 36	1 17	20 28	0 25	6 16	0 39	6 1	0 54	22 16	1 27	7 18	6 47	14 14	16 45	2 48
M27	21 17	1n57	1 32	14 50	2 7	12 47	1 40	7 30	1 9	7 34	1 17	20 27	0 25	6 17	0 39	6 1	0 54	22 16	1 27	7 18	6 46	14 12	16 46	2 48
T 28	21 27	6 9	0 21	15 26	1 59	13 11	1 39	7 47	1 9	7 33	1 17	20 26	0 26	6 18	0 39	6 0	0 54	22 16	1 28	7 19	6 45	14 11	16 46	2 48
W29	21 37	9 59	0s50	16 3	1 51	13 35	1 38	8 4	1 8	7 31	1 17	20 25	0 26	6 19	0 39	6 0	0 54	22 16	1 28	7 19	6 44	14 10	16 47	2 48
T 30	21 46	13 16	1 58	16 40	1 42	13 58	1 37	8 21	1 8	7 30	1 16	20 23	0 26	6 20	0 39	6 0	0 54	22 15	1 28	7 18	6 42	14 8	16 48	2 48
F 31	21n54	15n52	2s58	17n17	1s32	14n20	1s36	8n37	1s 8	7n28	1n16	20n22	0n26	6n20	0s39	6s 0	0s54	22n15	1n28	7s16	6s41	14n 7	16n49	2s48

Julian Day Number = 2518139.5, Delta T = 146.71 sec
Ecliptic obliquity = 23°24'47, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°17'18, Lahiri = 26°24'18

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2182
geocentric

JUNE 2182 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 38 51	10♊49'25	6♊36	25♉58	14♉41	25♈46	14♍ 2	0♌55	17♈44	16♓55	26♋34	18°R27	16♎59	5♌42	27♉26	S 1
S 2	16 42 47	11°47'00	19° 4	27°54	15°54	26°31	14° 6	1° 1	17°47	16°56	26°35	18♎18	16°56	5°49	27°30	S 2
M 3	16 46 44	12°44'33	1♋22	29°51	17° 6	27°17	14°10	1° 7	17°49	16°57	26°37	18° 8	16°53	5°56	27°35	M 3
T 4	16 50 40	13°42'06	13°30	1♊51	18°19	28° 2	14°15	1°13	17°51	16°57	26°38	17°58	16°49	6° 2	27°39	T 4
W 5	16 54 37	14°39'37	25°29	3°52	19°31	28°47	14°19	1°19	17°54	16°58	26°39	17°48	16°46	6° 9	27°43	W 5
T 6	16 58 33	15°37'07	7♌23	5°56	20°44	29°32	14°24	1°25	17°56	16°58	26°40	17°40	16°43	6°16	27°47	T 6
F 7	17 2 30	16°34'36	19°14	8° 1	21°56	0♉17	14°29	1°31	17°58	16°58	26°42	17°34	16°40	6°23	27°51	F 7
S 8	17 6 27	17°32'04	1♍ 6	10° 8	23° 9	1° 1	14°33	1°37	18° 0	16°59	26°43	17°31	16°37	6°29	27°55	S 8
S 9	17 10 23	18°29'30	13° 3	12°16	24°22	1°46	14°39	1°44	18° 2	16°59	26°44	17°29	16°33	6°36	27°59	S 9
M10	17 14 20	19°26'56	25°11	14°25	25°34	2°31	14°44	1°50	18° 4	16°59	26°46	17°D29	16°30	6°43	28° 3	M10
T 11	17 18 16	20°24'20	7♎35	16°36	26°47	3°16	14°49	1°57	18° 6	17° 0	26°47	17°30	16°27	6°49	28° 7	T 11
W12	17 22 13	21°21'43	20°19	18°47	28° 0	4° 0	14°55	2° 3	18° 8	17° 0	26°48	17°R30	16°24	6°56	28°11	W12
T 13	17 26 9	22°19'05	3♏28	20°59	29°12	4°45	15° 0	2°10	18°10	17° 0	26°50	17°29	16°21	7° 3	28°15	T 13
F 14	17 30 6	23°16'26	17° 4	23°11	0♊25	5°29	15° 6	2°16	18°12	17° 0	26°51	17°26	16°18	7°10	28°19	F 14
S 15	17 34 2	24°13'46	1♐ 7	25°23	1°38	6°14	15°12	2°23	18°14	17° 1	26°52	17°20	16°14	7°16	28°23	S 15
S 16	17 37 59	25°11'06	15°36	27°35	2°50	6°58	15°18	2°29	18°16	17° 1	26°54	17°12	16°11	7°23	28°27	S 16
M17	17 41 56	26° 8'24	0♑24	29°46	4° 3	7°43	15°25	2°36	18°17	17° 1	26°55	17° 3	16° 8	7°30	28°31	M17
T 18	17 45 52	27° 5'42	15°23	1♋56	5°16	8°27	15°31	2°43	18°19	17° 1	26°57	16°53	16° 5	7°37	28°35	T 18
W19	17 49 49	28° 3'00	0♒24	4° 6	6°29	9°11	15°37	2°50	18°21	17°R 1	26°58	16°44	16° 2	7°43	28°39	W19
T 20	17 53 45	29° 0'17	15°17	6°14	7°41	9°55	15°44	2°57	18°22	17° 1	27° 0	16°36	15°59	7°50	28°43	T 20
F 21	17 57 42	29°57'33	29°56	8°20	8°54	10°39	15°51	3° 3	18°24	17° 1	27° 1	16°31	15°55	7°57	28°47	F 21
S 22	18 1 38	0♋54'50	14♓15	10°26	10° 7	11°23	15°58	3°10	18°25	17° 1	27° 2	16°28	15°52	8° 3	28°50	S 22
S 23	18 5 35	1°52'06	28°12	12°29	11°20	12° 7	16° 5	3°17	18°27	17° 1	27° 4	16°D27	15°49	8°10	28°54	S 23
M24	18 9 31	2°49'22	11♈48	14°30	12°33	12°51	16°12	3°24	18°28	17° 0	27° 5	16°R27	15°46	8°17	28°58	M24
T 25	18 13 28	3°46'37	25° 4	16°30	13°46	13°35	16°19	3°31	18°30	17° 0	27° 7	16°27	15°43	8°23	29° 2	T 25
W26	18 17 25	4°43'53	8♉ 4	18°27	14°59	14°19	16°27	3°39	18°31	17° 0	27° 8	16°25	15°39	8°30	29° 5	W26
T 27	18 21 21	5°41'08	20°50	20°23	16°11	15° 3	16°34	3°46	18°32	17° 0	27°10	16°22	15°36	8°37	29° 9	T 27
F 28	18 25 18	6°38'24	3♊23	22°16	17°24	15°46	16°42	3°53	18°34	17° 0	27°12	16°15	15°33	8°44	29°13	F 28
S 29	18 29 14	7°35'39	15°46	24° 7	18°37	16°30	16°50	4° 0	18°35	16°59	27°13	16° 5	15°30	8°50	29°16	S 29
S 30	18 33 11	8♋32'54	28♊ 1	25♋56	19♊50	17♉13	16♍58	4♌ 7	18♈36	16♓59	27♋15	15♎54	15♎27	8♌57	29♉20	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n 3	17n38	3s48	17n53	1s22	14n43	1s35	8n54	1s 7	7n27	1n16	20n21	0n26	6n21	0s39	6s 0	0s54	22n15	1n28	7s13	6s40	14n 6	16n50	2s48
S 2	22 11	18 32	4 27	18 30	1 12	15 5	1 34	9 11	1 7	7 25	1 16	20 20	0 26	6 22	0 39	5 59	0 54	22 15	1 28	7 10	6 39	14 4	16 51	2 49
M 3	22 18	18 32	4 52	19 5	1 2	15 27	1 32	9 27	1 7	7 23	1 16	20 19	0 26	6 23	0 39	5 59	0 54	22 15	1 28	7 6	6 37	14 3	16 51	2 49
T 4	22 25	17 41	5 4	19 40	0 52	15 48	1 31	9 44	1 6	7 21	1 15	20 17	0 26	6 24	0 39	5 59	0 54	22 14	1 28	7 2	6 36	14 2	16 52	2 49
W 5	22 32	16 4	5 2	20 14	0 41	16 9	1 29	10 0	1 6	7 19	1 15	20 16	0 26	6 25	0 39	5 59	0 54	22 14	1 28	6 59	6 35	14 0	16 53	2 49
T 6	22 38	13 46	4 47	20 47	0 30	16 30	1 28	10 16	1 5	7 17	1 15	20 15	0 26	6 26	0 39	5 59	0 55	22 14	1 28	6 56	6 34	13 59	16 54	2 49
F 7	22 44	10 55	4 20	21 18	0 19	16 50	1 26	10 32	1 5	7 15	1 15	20 13	0 26	6 26	0 39	5 59	0 55	22 14	1 28	6 53	6 33	13 58	16 55	2 49
S 8	22 50	7 37	3 42	21 48	0 9	17 10	1 25	10 48	1 5	7 13	1 15	20 12	0 26	6 27	0 39	5 58	0 55	22 14	1 28	6 52	6 31	13 56	16 55	2 49
S 9	22 55	3 59	2 53	22 17	0n 2	17 30	1 23	11 4	1 4	7 11	1 15	20 11	0 26	6 28	0 39	5 58	0 55	22 13	1 28	6 51	6 30	13 55	16 56	2 50
M10	23 0	0 8	1 56	22 43	0 13	17 49	1 22	11 20	1 4	7 9	1 14	20 9	0 26	6 29	0 39	5 58	0 55	22 13	1 28	6 51	6 29	13 54	16 57	2 50
T 11	23 4	3s49	0 53	23 7	0 23	18 7	1 20	11 36	1 3	7 7	1 14	20 8	0 26	6 29	0 39	5 58	0 55	22 13	1 28	6 52	6 28	13 52	16 58	2 50
W12	23 8	7 42	0n15	23 30	0 33	18 25	1 18	11 51	1 3	7 4	1 14	20 7	0 26	6 30	0 39	5 58	0 55	22 13	1 28	6 52	6 26	13 51	16 58	2 50
T 13	23 11	11 20	1 24	23 49	0 43	18 43	1 16	12 6	1 3	7 2	1 14	20 5	0 26	6 31	0 39	5 58	0 55	22 13	1 28	6 51	6 25	13 50	16 59	2 50
F 14	23 15	14 30	2 31	24 7	0 53	19 0	1 14	12 22	1 2	7 0	1 14	20 4	0 26	6 31	0 39	5 58	0 55	22 12	1 28	6 50	6 24	13 48	17 0	2 50
S 15	23 17	16 56	3 30	24 21	1 1	19 17	1 12	12 37	1 2	6 57	1 13	20 2	0 27	6 32	0 39	5 58	0 55	22 12	1 28	6 48	6 23	13 47	17 0	2 50
S 16	23 20	18 22	4 18	24 33	1 10	19 33	1 10	12 52	1 1	6 55	1 13	20 1	0 27	6 33	0 39	5 58	0 55	22 12	1 28	6 45	6 22	13 46	17 1	2 51
M17	23 21	18 35	4 50	24 42	1 18	19 49	1 8	13 7	1 1	6 52	1 13	19 59	0 27	6 33	0 39	5 58	0 55	22 12	1 28	6 41	6 20	13 44	17 2	2 51
T 18	23 23	17 32	5 2	24 49	1 25	20 4	1 6	13 21	1 0	6 49	1 13	19 58	0 27	6 34	0 39	5 58	0 55	22 11	1 28	6 38	6 19	13 43	17 3	2 51
W19	23 24	15 16	4 54	24 52	1 31	20 19	1 4	13 36	1 0	6 47	1 13	19 56	0 27	6 35	0 39	5 58	0 55	22 11	1 28	6 34	6 18	13 42	17 3	2 51
T 20	23 25	12 0	4 25	24 53	1 37	20 33	1 2	13 50	0 59	6 44	1 13	19 55	0 27	6 35	0 39	5 58	0 55	22 11	1 28	6 31	6 17	13 40	17 4	2 51
F 21	23 25	8 3	3 40	24 51	1 42	20 46	1 0	14 4	0 59	6 41	1 12	19 53	0 27	6 36	0 39	5 58	0 55	22 11	1 28	6 29	6 15	13 39	17 5	2 51
S 22	23 25	3 42	2 42	24 46	1 46	20 59	0 58	14 19	0 58	6 38	1 12	19 52	0 27	6 36	0 39	5 58	0 55	22 10	1 29	6 28	6 14	13 37	17 5	2 52
S 23	23 24	0n44	1 35	24 39	1 50	21 12	0 56	14 33	0 58	6 36	1 12	19 50	0 27	6 37	0 39	5 58	0 55	22 10	1 29	6 28	6 13	13 36	17 6	2 52
M24	23 23	5 2	0 25	24 29	1 52	21 24	0 53	14 46	0 57	6 33	1 12	19 49	0 27	6 38	0 39	5 58	0 55	22 10	1 29	6 28	6 12	13 35	17 6	2 52
T 25	23 22	8 59	0s46	24 17	1 54	21 35	0 51	15 0	0 57	6 30	1 12	19 47	0 27	6 38	0 39	5 59	0 55	22 10	1 29	6 28	6 11	13 33	17 7	2 52
W26	23 20	12 25	1 52	24 3	1 56	21 46	0 49	15 13	0 56	6 27	1 12	19 45	0 27	6 39	0 39	5 59	0 55	22 9	1 29	6 27	6 9	13 32	17 8	2 52
T 27	23 17	15 11	2 51	23 47	1 56	21 56	0 46	15 27	0 55	6 23	1 11	19 44	0 27	6 39	0 39	5 59	0 55	22 9	1 29	6 26	6 8	13 31	17 8	2 53
F 28	23 15	17 11	3 41	23 29	1 56	22 5	0 44	15 40	0 55	6 20	1 11	19 42	0 27	6 39	0 40	5 59	0 55	22 9	1 29	6 23	6 7	13 29	17 9	2 53
S 29	23 12	18 21	4 20	23 9	1 55	22 14	0 42	15 53	0 54	6 17	1 11	19 41	0 27	6 40	0 40	5 59	0 55	22 9	1 29	6 19	6 6	13 28	17 9	2 53
S 30	23n 8	18n38	4s46	22n48	1n54	22n22	0s39	16n 6	0s54	6n14	1n11	19n39	0n27	6n40	0s40	5s59	0s55	22n 8	1n29	6s15	6s 4	13n26	17n10	2s53

Julian Day Number = 2518170.5, Delta T = 146.78 sec
Ecliptic obliquity = 23°24'47, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°17'22, Lahiri = 26°24'22

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2182
geocentric

JULY 2182 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 37 7	9♋30'09	10♋ 8	27♋43	21♊ 3	17♉57	17♍ 6	4♌15	18♈37	16°R59	27♋16	15°R40	15♎24	9♌ 4	29♉23	M 1
T 2	18 41 4	10°27'24	22° 9	29°28	22°16	18°40	17°14	4°22	18°38	16♓58	27°18	15♎27	15°20	9°10	29°27	T 2
W 3	18 45 1	11°24'38	4♌ 3	1♌10	23°30	19°24	17°22	4°29	18°39	16°58	27°19	15°14	15°17	9°17	29°30	W 3
T 4	18 48 57	12°21'52	15°55	2°50	24°43	20° 7	17°31	4°37	18°40	16°57	27°21	15° 2	15°14	9°24	29°34	T 4
F 5	18 52 54	13°19'06	27°44	4°29	25°56	20°50	17°39	4°44	18°41	16°57	27°22	14°54	15°11	9°31	29°37	F 5
S 6	18 56 50	14°16'20	9♍35	6° 4	27° 9	21°33	17°48	4°51	18°42	16°56	27°24	14°48	15° 8	9°37	29°40	S 6
S 7	19 0 47	15°13'33	21°32	7°38	28°22	22°16	17°57	4°59	18°43	16°56	27°26	14°44	15° 5	9°44	29°44	S 7
M 8	19 4 43	16°10'46	3♎38	9° 9	29°35	22°59	18° 5	5° 6	18°44	16°55	27°27	14°43	15° 1	9°51	29°47	M 8
T 9	19 8 40	17° 7'59	15°59	10°39	0♋48	23°42	18°14	5°14	18°45	16°55	27°29	14°43	14°58	9°57	29°50	T 9
W10	19 12 36	18° 5'11	28°40	12° 6	2° 1	24°25	18°23	5°21	18°45	16°54	27°30	14°43	14°55	10° 4	29°53	W10
T 11	19 16 33	19° 2'23	11♏45	13°30	3°15	25° 7	18°32	5°29	18°46	16°53	27°32	14°41	14°52	10°11	29°56	T 11
F 12	19 20 30	19°59'35	25°19	14°52	4°28	25°50	18°42	5°36	18°47	16°53	27°34	14°38	14°49	10°18	29°59	F 12
S 13	19 24 26	20°56'48	9♐22	16°12	5°41	26°33	18°51	5°44	18°47	16°52	27°35	14°32	14°45	10°24	0♊ 3	S 13
S 14	19 28 23	21°54'00	23°54	17°30	6°54	27°15	19° 0	5°51	18°48	16°51	27°37	14°24	14°42	10°31	0° 6	S 14
M15	19 32 19	22°51'12	8♑50	18°45	8° 8	27°57	19°10	5°59	18°48	16°50	27°38	14°14	14°39	10°38	0° 9	M15
T 16	19 36 16	23°48'24	24° 2	19°57	9°21	28°40	19°20	6° 7	18°49	16°50	27°40	14° 3	14°36	10°44	0°12	T 16
W17	19 40 12	24°45'37	9♒19	21° 7	10°34	29°22	19°29	6°14	18°49	16°49	27°42	13°53	14°33	10°51	0°15	W17
T 18	19 44 9	25°42'49	24°29	22°15	11°48	0♊ 4	19°39	6°22	18°49	16°48	27°43	13°45	14°30	10°58	0°17	T 18
F 19	19 48 5	26°40'03	9♓24	23°19	13° 1	0°46	19°49	6°30	18°50	16°47	27°45	13°39	14°26	11° 5	0°20	F 19
S 20	19 52 2	27°37'16	23°56	24°21	14°14	1°28	19°59	6°37	18°50	16°46	27°46	13°36	14°23	11°11	0°23	S 20
S 21	19 55 59	28°34'31	8♈ 2	25°20	15°28	2°10	20° 9	6°45	18°50	16°45	27°48	13°D35	14°20	11°18	0°26	S 21
M22	19 59 55	29°31'46	21°43	26°16	16°41	2°52	20°19	6°53	18°50	16°44	27°50	13°35	14°17	11°25	0°28	M22
T 23	20 3 52	0♌29'02	4♉59	27° 8	17°55	3°34	20°30	7° 0	18°50	16°43	27°51	13°R35	14°14	11°31	0°31	T 23
W24	20 7 48	1°26'19	17°53	27°58	19° 8	4°15	20°40	7° 8	18°R50	16°42	27°53	13°34	14°11	11°38	0°34	W24
T 25	20 11 45	2°23'36	0♊30	28°44	20°22	4°57	20°50	7°16	18°50	16°41	27°55	13°31	14° 7	11°45	0°36	T 25
F 26	20 15 41	3°20'54	12°54	29°26	21°35	5°38	21° 1	7°24	18°50	16°40	27°56	13°25	14° 4	11°51	0°39	F 26
S 27	20 19 38	4°18'14	25° 6	0♍ 5	22°49	6°20	21°11	7°31	18°50	16°39	27°58	13°17	14° 1	11°58	0°41	S 27
S 28	20 23 34	5°15'34	7♋11	0°40	24° 3	7° 1	21°22	7°39	18°50	16°38	27°59	13° 6	13°58	12° 5	0°44	S 28
M29	20 27 31	6°12'54	19° 9	1°10	25°16	7°42	21°33	7°47	18°50	16°37	28° 1	12°54	13°55	12°12	0°46	M29
T 30	20 31 28	7°10'16	1♌ 3	1°37	26°30	8°23	21°44	7°55	18°49	16°36	28° 3	12°42	13°51	12°18	0°48	T 30
W31	20 35 24	8♌ 7'38	12♌55	1♍59	27♋44	9♊ 5	21♍54	8♌ 2	18♈49	16♓34	28♋ 4	12♎30	13♎48	12♌25	0♊50	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23n 4	18n 4	4s58	22n25	1n51	22n30	0s37	16n19	0s53	6n11	1n11	19n37	0n28	6n41	0s40	5s59	0s56	22n 8	1n29	6s10	6s 3	13n25	17n11	2s53
T 2	23 0	16 42	4 58	22 1	1 49	22 37	0 34	16 31	0 53	6 7	1 11	19 36	0 28	6 41	0 40	6 0	0 56	22 8	1 29	6 4	6 2	13 24	17 11	2 53
W 3	22 55	14 37	4 44	21 35	1 45	22 43	0 32	16 43	0 52	6 4	1 11	19 34	0 28	6 41	0 40	6 0	0 56	22 8	1 29	5 59	6 1	13 22	17 12	2 54
T 4	22 50	11 56	4 18	21 8	1 41	22 49	0 29	16 56	0 51	6 1	1 10	19 32	0 28	6 42	0 40	6 0	0 56	22 7	1 29	5 55	6 0	13 21	17 12	2 54
F 5	22 45	8 47	3 41	20 41	1 36	22 54	0 27	17 8	0 51	5 57	1 10	19 31	0 28	6 42	0 40	6 0	0 56	22 7	1 29	5 52	5 58	13 20	17 13	2 54
S 6	22 39	5 16	2 54	20 12	1 31	22 58	0 24	17 19	0 50	5 54	1 10	19 29	0 28	6 42	0 40	6 0	0 56	22 7	1 29	5 49	5 57	13 18	17 13	2 54
S 7	22 33	1 32	1 59	19 43	1 25	23 2	0 22	17 31	0 49	5 50	1 10	19 27	0 28	6 43	0 40	6 1	0 56	22 7	1 29	5 48	5 56	13 17	17 14	2 55
M 8	22 26	2s20	0 58	19 13	1 19	23 5	0 19	17 43	0 49	5 47	1 10	19 25	0 28	6 43	0 40	6 1	0 56	22 6	1 29	5 48	5 55	13 15	17 14	2 55
T 9	22 19	6 11	0n 7	18 42	1 12	23 8	0 17	17 54	0 48	5 43	1 10	19 24	0 28	6 43	0 40	6 1	0 56	22 6	1 29	5 47	5 53	13 14	17 15	2 55
W10	22 12	9 51	1 13	18 11	1 4	23 9	0 14	18 5	0 48	5 39	1 10	19 22	0 28	6 44	0 40	6 2	0 56	22 6	1 29	5 47	5 52	13 13	17 15	2 55
T 11	22 4	13 9	2 18	17 39	0 56	23 10	0 12	18 16	0 47	5 36	1 9	19 20	0 28	6 44	0 40	6 2	0 56	22 6	1 30	5 47	5 51	13 11	17 15	2 55
F 12	21 56	15 53	3 17	17 7	0 48	23 11	0 9	18 27	0 46	5 32	1 9	19 18	0 28	6 44	0 40	6 2	0 56	22 5	1 30	5 46	5 50	13 10	17 16	2 56
S 13	21 47	17 46	4 7	16 35	0 39	23 11	0 7	18 37	0 45	5 28	1 9	19 17	0 28	6 44	0 40	6 2	0 56	22 5	1 30	5 43	5 49	13 8	17 16	2 56
S 14	21 38	18 35	4 42	16 3	0 30	23 10	0 4	18 48	0 45	5 24	1 9	19 15	0 28	6 44	0 40	6 3	0 56	22 5	1 30	5 40	5 47	13 7	17 17	2 56
M15	21 29	18 8	5 0	15 31	0 20	23 8	0 2	18 58	0 44	5 20	1 9	19 13	0 29	6 44	0 40	6 3	0 56	22 5	1 30	5 36	5 46	13 6	17 17	2 56
T 16	21 19	16 25	4 56	14 58	0 10	23 6	0n 1	19 8	0 43	5 16	1 9	19 11	0 29	6 45	0 40	6 3	0 56	22 4	1 30	5 32	5 45	13 4	17 18	2 56
W17	21 9	13 32	4 32	14 26	0s 0	23 3	0 3	19 18	0 43	5 13	1 9	19 9	0 29	6 45	0 40	6 4	0 56	22 4	1 30	5 28	5 44	13 3	17 18	2 57
T 18	20 59	9 45	3 49	13 54	0 11	22 59	0 6	19 28	0 42	5 9	1 9	19 7	0 29	6 45	0 40	6 4	0 56	22 4	1 30	5 25	5 42	13 1	17 18	2 57
F 19	20 48	5 24	2 50	13 23	0 22	22 55	0 8	19 37	0 41	5 5	1 8	19 6	0 29	6 45	0 40	6 5	0 56	22 4	1 30	5 23	5 41	13 0	17 19	2 57
S 20	20 37	0 51	1 42	12 52	0 34	22 50	0 11	19 46	0 41	5 1	1 8	19 4	0 29	6 45	0 40	6 5	0 56	22 3	1 30	5 22	5 40	12 59	17 19	2 57
S 21	20 25	3n38	0 29	12 21	0 46	22 44	0 13	19 55	0 40	4 56	1 8	19 2	0 29	6 45	0 40	6 5	0 56	22 3	1 30	5 21	5 39	12 57	17 19	2 58
M22	20 14	7 47	0s43	11 51	0 58	22 38	0 15	20 4	0 39	4 52	1 8	19 0	0 29	6 45	0 40	6 6	0 56	22 3	1 30	5 21	5 38	12 56	17 20	2 58
T 23	20 1	11 25	1 51	11 21	1 10	22 31	0 18	20 13	0 38	4 48	1 8	18 58	0 29	6 45	0 40	6 6	0 56	22 3	1 30	5 21	5 36	12 54	17 20	2 58
W24	19 49	14 24	2 51	10 53	1 22	22 23	0 20	20 21	0 37	4 44	1 8	18 56	0 29	6 45	0 40	6 7	0 56	22 2	1 30	5 21	5 35	12 53	17 20	2 58
T 25	19 36	16 37	3 42	10 25	1 35	22 15	0 22	20 30	0 37	4 40	1 8	18 54	0 29	6 45	0 40	6 7	0 56	22 2	1 30	5 20	5 34	12 52	17 20	2 59
F 26	19 23	18 0	4 21	9 58	1 48	22 6	0 25	20 38	0 36	4 36	1 8	18 53	0 29	6 45	0 40	6 7	0 56	22 2	1 30	5 17	5 33	12 50	17 21	2 59
S 27	19 10	18 32	4 47	9 33	2 1	21 56	0 27	20 46	0 35	4 31	1 7	18 51	0 29	6 45	0 40	6 8	0 56	22 1	1 31	5 14	5 31	12 49	17 21	2 59
S 28	18 56	18 13	5 1	9 8	2 14	21 46	0 29	20 54	0 34	4 27	1 7	18 49	0 30	6 45	0 40	6 8	0 56	22 1	1 31	5 10	5 30	12 47	17 21	2 59
M29	18 42	17 5	5 0	8 45	2 27	21 35	0 32	21 1	0 34	4 23	1 7	18 47	0 30	6 45	0 40	6 9	0 57	22 1	1 31	5 5	5 29	12 46	17 21	3 0
T 30	18 28	15 14	4 47	8 23	2 40	21 23	0 34	21 8	0 33	4 18	1 7	18 45	0 30	6 45	0 40	6 9	0 57	22 1	1 31	5 1	5 28	12 44	17 22	3 0
W31	18n13	12n44	4s21	8n 3	2s53	21n11	0n36	21n16	0s32	4n14	1n 7	18n43	0n30	6n44	0s40	6s10	0s57	22n 0	1n31	4s56	5s26	12n43	17n22	3s 0

Julian Day Number = 2518200.5, Delta T = 146.85 sec
Ecliptic obliquity = 23°24'46, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°17'26, Lahiri = 26°24'26

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2182
geocentric

AUGUST 2182 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 39 21	9♌ 5'00	24♌45	2♍17	28♋57	9♊45	22♍ 5	8♌10	18°R49	16°R33	28♋ 6	12°R20	13♎45	12♌32	0♊53	T 1
F 2	20 43 17	10° 2'24	6♍36	2°30	0♌11	10°26	22°16	8°18	18♈48	16♓32	28° 7	12♎13	13°42	12°38	0°55	F 2
S 3	20 47 14	10°59'48	18°29	2°38	1°25	11° 7	22°28	8°26	18°48	16°31	28° 9	12° 7	13°39	12°45	0°57	S 3
S 4	20 51 10	11°57'13	0♎29	2°R41	2°39	11°48	22°39	8°33	18°47	16°29	28°11	12° 5	13°36	12°52	0°59	S 4
M 5	20 55 7	12°54'38	12°38	2°39	3°52	12°28	22°50	8°41	18°47	16°28	28°12	12°D 4	13°32	12°59	1° 1	M 5
T 6	20 59 3	13°52'04	25° 0	2°31	5° 6	13° 9	23° 1	8°49	18°46	16°27	28°14	12° 4	13°29	13° 5	1° 3	T 6
W 7	21 3 0	14°49'31	7♏39	2°19	6°20	13°49	23°13	8°56	18°46	16°25	28°15	12° 5	13°26	13°12	1° 5	W 7
T 8	21 6 56	15°46'58	20°41	2° 1	7°34	14°29	23°24	9° 4	18°45	16°24	28°17	12°R 5	13°23	13°19	1° 6	T 8
F 9	21 10 53	16°44'26	4♐ 9	1°38	8°48	15° 9	23°35	9°12	18°44	16°23	28°18	12° 4	13°20	13°25	1° 8	F 9
S 10	21 14 50	17°41'55	18° 5	1°10	10° 2	15°49	23°47	9°20	18°43	16°21	28°20	12° 0	13°16	13°32	1°10	S 10
S 11	21 18 46	18°39'25	2♑29	0°37	11°16	16°29	23°59	9°27	18°42	16°20	28°22	11°55	13°13	13°39	1°11	S 11
M12	21 22 43	19°36'55	17°18	0° 0	12°30	17° 9	24°10	9°35	18°42	16°18	28°23	11°48	13°10	13°45	1°13	M12
T 13	21 26 39	20°34'27	2♒26	29♌20	13°44	17°49	24°22	9°43	18°41	16°17	28°25	11°41	13° 7	13°52	1°14	T 13
W14	21 30 36	21°31'59	17°43	28°35	14°58	18°29	24°34	9°50	18°40	16°16	28°26	11°33	13° 4	13°59	1°16	W14
T 15	21 34 32	22°29'32	2♓58	27°48	16°12	19° 8	24°46	9°58	18°39	16°14	28°28	11°27	13° 1	14° 6	1°17	T 15
F 16	21 38 29	23°27'07	18° 1	27° 0	17°26	19°48	24°57	10° 5	18°38	16°13	28°29	11°23	12°57	14°12	1°19	F 16
S 17	21 42 26	24°24'43	2♈44	26°10	18°40	20°27	25° 9	10°13	18°37	16°11	28°31	11°21	12°54	14°19	1°20	S 17
S 18	21 46 22	25°22'20	17° 0	25°20	19°54	21° 6	25°21	10°21	18°35	16°10	28°32	11°D21	12°51	14°26	1°21	S 18
M19	21 50 19	26°19'59	0♉49	24°31	21° 8	21°45	25°33	10°28	18°34	16° 8	28°34	11°22	12°48	14°32	1°22	M19
T 20	21 54 15	27°17'39	14°11	23°43	22°22	22°24	25°45	10°36	18°33	16° 7	28°35	11°23	12°45	14°39	1°23	T 20
W21	21 58 12	28°15'21	27° 8	22°59	23°36	23° 3	25°58	10°43	18°32	16° 5	28°36	11°R24	12°42	14°46	1°24	W21
T 22	22 2 8	29°13'04	9♊45	22°18	24°50	23°42	26°10	10°51	18°31	16° 4	28°38	11°24	12°38	14°52	1°25	T 22
F 23	22 6 5	0♍10'49	22° 5	21°42	26° 4	24°20	26°22	10°58	18°29	16° 2	28°39	11°21	12°35	14°59	1°26	F 23
S 24	22 10 1	1° 8'36	4♋13	21°12	27°19	24°59	26°34	11° 6	18°28	16° 0	28°41	11°17	12°32	15° 6	1°27	S 24
S 25	22 13 58	2° 6'25	16°12	20°47	28°33	25°37	26°46	11°13	18°26	15°59	28°42	11°12	12°29	15°13	1°28	S 25
M26	22 17 54	3° 4'15	28° 6	20°29	29°47	26°16	26°59	11°21	18°25	15°57	28°44	11° 5	12°26	15°19	1°29	M26
T 27	22 21 51	4° 2'06	9♌57	20°19	1♍ 1	26°54	27°11	11°28	18°23	15°56	28°45	10°58	12°22	15°26	1°29	T 27
W28	22 25 48	4°59'59	21°47	20°D16	2°16	27°32	27°24	11°35	18°22	15°54	28°46	10°51	12°19	15°33	1°30	W28
T 29	22 29 44	5°57'54	3♍40	20°21	3°30	28°10	27°36	11°43	18°20	15°52	28°48	10°46	12°16	15°39	1°31	T 29
F 30	22 33 41	6°55'50	15°36	20°34	4°44	28°47	27°48	11°50	18°19	15°51	28°49	10°42	12°13	15°46	1°31	F 30
S 31	22 37 37	7♍53'47	27♍37	20♌55	5♍59	29♊25	28♍ 1	11♌57	18♈17	15♓49	28♋50	10♎39	12♎10	15♌53	1♊31	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17n58	9n44	3s44	7n45	3s 6	20n58	0n38	21n23	0s31	4n10	1n 7	18n41	0n30	6n44	0s40	6s10	0s57	22n 0	1n31	4s52	5s25	12n42	17n22	3s 0
F 2	17 43	6 20	2 57	7 29	3 19	20 45	0 40	21 29	0 30	4 5	1 7	18 39	0 30	6 44	0 41	6 11	0 57	22 0	1 31	4 49	5 24	12 40	17 22	3 1
S 3	17 27	2 40	2 3	7 15	3 31	20 31	0 42	21 36	0 29	4 1	1 7	18 37	0 30	6 44	0 41	6 11	0 57	22 0	1 31	4 47	5 23	12 39	17 22	3 1
S 4	17 11	1s 8	1 2	7 2	3 43	20 16	0 45	21 42	0 29	3 56	1 7	18 35	0 30	6 44	0 41	6 12	0 57	21 59	1 31	4 46	5 22	12 37	17 22	3 1
M 5	16 55	4 56	0n 3	6 53	3 54	20 1	0 47	21 48	0 28	3 52	1 7	18 33	0 30	6 43	0 41	6 12	0 57	21 59	1 31	4 46	5 20	12 36	17 23	3 2
T 6	16 39	8 36	1 9	6 45	4 5	19 45	0 49	21 54	0 27	3 47	1 7	18 31	0 30	6 43	0 41	6 13	0 57	21 59	1 31	4 46	5 19	12 34	17 23	3 2
W 7	16 22	11 57	2 13	6 40	4 15	19 29	0 50	22 0	0 26	3 43	1 6	18 29	0 30	6 43	0 41	6 13	0 57	21 59	1 31	4 46	5 18	12 33	17 23	3 2
T 8	16 5	14 49	3 12	6 38	4 24	19 12	0 52	22 6	0 25	3 38	1 6	18 28	0 30	6 43	0 41	6 14	0 57	21 58	1 31	4 46	5 17	12 31	17 23	3 2
F 9	15 48	16 59	4 2	6 39	4 32	18 55	0 54	22 11	0 24	3 33	1 6	18 26	0 31	6 42	0 41	6 15	0 57	21 58	1 31	4 46	5 15	12 30	17 23	3 3
S 10	15 31	18 13	4 41	6 42	4 39	18 37	0 56	22 16	0 23	3 29	1 6	18 24	0 31	6 42	0 41	6 15	0 57	21 58	1 32	4 45	5 14	12 29	17 23	3 3
S 11	15 13	18 21	5 3	6 48	4 44	18 18	0 58	22 21	0 22	3 24	1 6	18 22	0 31	6 42	0 41	6 16	0 57	21 58	1 32	4 42	5 13	12 27	17 23	3 3
M12	14 55	17 15	5 5	6 57	4 49	17 59	1 0	22 26	0 22	3 19	1 6	18 20	0 31	6 41	0 41	6 16	0 57	21 58	1 32	4 40	5 12	12 26	17 23	3 3
T 13	14 37	14 56	4 47	7 9	4 51	17 40	1 1	22 31	0 21	3 15	1 6	18 18	0 31	6 41	0 41	6 17	0 57	21 57	1 32	4 37	5 10	12 24	17 23	3 4
W14	14 19	11 34	4 8	7 23	4 52	17 20	1 3	22 35	0 20	3 10	1 6	18 16	0 31	6 41	0 41	6 17	0 57	21 57	1 32	4 34	5 9	12 23	17 23	3 4
T 15	14 0	7 25	3 12	7 40	4 51	16 59	1 4	22 39	0 19	3 5	1 6	18 14	0 31	6 40	0 41	6 18	0 57	21 57	1 32	4 32	5 8	12 21	17 23	3 4
F 16	13 41	2 51	2 3	7 59	4 49	16 38	1 6	22 43	0 18	3 1	1 6	18 12	0 31	6 40	0 41	6 19	0 57	21 57	1 32	4 30	5 7	12 20	17 23	3 5
S 17	13 22	1n48	0 46	8 20	4 44	16 17	1 7	22 47	0 17	2 56	1 6	18 10	0 31	6 39	0 41	6 19	0 57	21 56	1 32	4 29	5 5	12 18	17 23	3 5
S 18	13 3	6 12	0s31	8 42	4 38	15 55	1 9	22 51	0 16	2 51	1 6	18 8	0 31	6 39	0 41	6 20	0 57	21 56	1 32	4 29	5 4	12 17	17 23	3 5
M19	12 44	10 8	1 43	9 6	4 29	15 33	1 10	22 54	0 15	2 46	1 6	18 6	0 31	6 38	0 41	6 20	0 57	21 56	1 32	4 30	5 3	12 16	17 23	3 5
T 20	12 24	13 24	2 48	9 31	4 19	15 10	1 11	22 58	0 14	2 41	1 6	18 4	0 32	6 38	0 41	6 21	0 57	21 56	1 32	4 30	5 2	12 14	17 23	3 6
W21	12 4	15 53	3 42	9 56	4 7	14 47	1 13	23 1	0 13	2 36	1 5	18 2	0 32	6 37	0 41	6 22	0 57	21 56	1 32	4 30	5 1	12 13	17 23	3 6
T 22	11 44	17 32	4 24	10 22	3 54	14 23	1 14	23 4	0 12	2 32	1 5	18 0	0 32	6 37	0 41	6 22	0 57	21 55	1 33	4 30	4 59	12 11	17 23	3 6
F 23	11 24	18 18	4 53	10 47	3 40	13 59	1 15	23 6	0 11	2 27	1 5	17 58	0 32	6 36	0 41	6 23	0 57	21 55	1 33	4 29	4 58	12 10	17 23	3 7
S 24	11 3	18 13	5 8	11 12	3 24	13 35	1 16	23 9	0 10	2 22	1 5	17 56	0 32	6 36	0 41	6 24	0 57	21 55	1 33	4 28	4 57	12 8	17 23	3 7
S 25	10 43	17 19	5 9	11 35	3 7	13 10	1 17	23 11	0 9	2 17	1 5	17 54	0 32	6 35	0 41	6 24	0 57	21 55	1 33	4 25	4 56	12 7	17 23	3 7
M26	10 22	15 40	4 57	11 57	2 50	12 45	1 18	23 14	0 8	2 12	1 5	17 52	0 32	6 35	0 41	6 25	0 57	21 54	1 33	4 23	4 54	12 5	17 22	3 7
T 27	10 1	13 22	4 32	12 18	2 32	12 20	1 19	23 16	0 7	2 7	1 5	17 50	0 32	6 34	0 41	6 25	0 57	21 54	1 33	4 20	4 53	12 4	17 22	3 8
W28	9 40	10 31	3 55	12 36	2 14	11 54	1 20	23 17	0 6	2 2	1 5	17 49	0 32	6 33	0 41	6 26	0 57	21 54	1 33	4 18	4 52	12 2	17 22	3 8
T 29	9 19	7 14	3 8	12 52	1 56	11 28	1 21	23 19	0 5	1 57	1 5	17 47	0 33	6 33	0 41	6 27	0 57	21 54	1 33	4 15	4 51	12 1	17 22	3 8
F 30	8 57	3 38	2 13	13 5	1 37	11 1	1 21	23 21	0 4	1 52	1 5	17 45	0 33	6 32	0 41	6 27	0 57	21 54	1 33	4 14	4 49	11 59	17 22	3 9
S 31	8n36	0s 8	1s11	13n16	1s19	10n35	1n22	23n22	0s 3	1n47	1n 5	17n43	0n33	6n32	0s41	6s28	0s57	21n54	1n33	4s13	4s48	11n58	17n22	3s 9

Julian Day Number = 2518231.5, Delta T = 146.92 sec
Ecliptic obliquity = 23°24'47, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°17'30, Lahiri = 26°24'31

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2182
geocentric

SEPTEMBER 2182 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 41 34	8♍51'46	9♎45	21♌24	7♍13	0♋ 3	28♍14	12♌ 4	18°R15	15°R47	28♋52	10°D38	12♎ 7	15♌59	1♊32	S 1
M 2	22 45 30	9°49'47	22° 3	22° 1	8°27	0°40	28°26	12°11	18♈14	15♓46	28°53	10♎39	12° 3	16° 6	1°32	M 2
T 3	22 49 27	10°47'49	4♏33	22°46	9°42	1°17	28°39	12°19	18°12	15°44	28°54	10°40	12° 0	16°13	1°32	T 3
W 4	22 53 23	11°45'52	17°19	23°38	10°56	1°54	28°51	12°26	18°10	15°43	28°55	10°42	11°57	16°20	1°33	W 4
T 5	22 57 20	12°43'57	0♐23	24°38	12°11	2°31	29° 4	12°33	18° 8	15°41	28°57	10°43	11°54	16°26	1°33	T 5
F 6	23 1 17	13°42'03	13°48	25°44	13°25	3° 8	29°17	12°40	18° 6	15°39	28°58	10°R44	11°51	16°33	1°R33	F 6
S 7	23 5 13	14°40'10	27°36	26°57	14°40	3°45	29°29	12°47	18° 4	15°38	28°59	10°43	11°48	16°40	1°33	S 7
S 8	23 9 10	15°38'19	11♑48	28°16	15°54	4°21	29°42	12°54	18° 3	15°36	29° 0	10°41	11°44	16°46	1°33	S 8
M 9	23 13 6	16°36'30	26°21	29°41	17° 9	4°58	29°55	13° 1	18° 1	15°34	29° 1	10°39	11°41	16°53	1°32	M 9
T 10	23 17 3	17°34'41	11♒11	1♍10	18°23	5°34	0♎ 8	13° 8	17°59	15°33	29° 3	10°36	11°38	17° 0	1°32	T 10
W11	23 20 59	18°32'55	26°13	2°44	19°38	6°10	0°21	13°14	17°57	15°31	29° 4	10°33	11°35	17° 6	1°32	W11
T 12	23 24 56	19°31'09	11♓16	4°22	20°52	6°46	0°33	13°21	17°55	15°29	29° 5	10°30	11°32	17°13	1°32	T 12
F 13	23 28 52	20°29'26	26°13	6° 3	22° 7	7°22	0°46	13°28	17°53	15°28	29° 6	10°29	11°28	17°20	1°31	F 13
S 14	23 32 49	21°27'44	10♈55	7°47	23°21	7°58	0°59	13°35	17°50	15°26	29° 7	10°D29	11°25	17°27	1°31	S 14
S 15	23 36 46	22°26'05	25°15	9°34	24°36	8°33	1°12	13°41	17°48	15°24	29° 8	10°29	11°22	17°33	1°30	S 15
M16	23 40 42	23°24'27	9♉ 9	11°22	25°50	9° 8	1°25	13°48	17°46	15°23	29° 9	10°30	11°19	17°40	1°30	M16
T 17	23 44 39	24°22'51	22°38	13°12	27° 5	9°44	1°38	13°54	17°44	15°21	29°10	10°31	11°16	17°47	1°29	T 17
W18	23 48 35	25°21'18	5♊41	15° 3	28°20	10°19	1°51	14° 1	17°42	15°20	29°11	10°32	11°13	17°53	1°28	W18
T 19	23 52 32	26°19'47	18°22	16°55	29°34	10°54	2° 4	14° 7	17°40	15°18	29°12	10°33	11° 9	18° 0	1°27	T 19
F 20	23 56 28	27°18'17	0♋44	18°47	0♎49	11°28	2°16	14°14	17°38	15°16	29°13	10°R33	11° 6	18° 7	1°26	F 20
S 21	0 0 25	28°16'50	12°52	20°40	2° 3	12° 3	2°29	14°20	17°35	15°15	29°14	10°33	11° 3	18°13	1°26	S 21
S 22	0 4 21	29°15'26	24°50	22°33	3°18	12°37	2°42	14°26	17°33	15°13	29°15	10°32	11° 0	18°20	1°25	S 22
M23	0 8 18	0♎14'03	6♌42	24°25	4°33	13°11	2°55	14°32	17°31	15°12	29°16	10°31	10°57	18°27	1°24	M23
T 24	0 12 14	1°12'42	18°32	26°17	5°47	13°45	3° 8	14°39	17°28	15°10	29°17	10°29	10°53	18°34	1°22	T 24
W25	0 16 11	2°11'24	0♍24	28° 8	7° 2	14°19	3°21	14°45	17°26	15° 8	29°18	10°28	10°50	18°40	1°21	W25
T 26	0 20 8	3°10'07	12°21	29°59	8°17	14°53	3°34	14°51	17°24	15° 7	29°19	10°27	10°47	18°47	1°20	T 26
F 27	0 24 4	4° 8'53	24°25	1♎50	9°32	15°26	3°47	14°57	17°21	15° 5	29°19	10°26	10°44	18°54	1°19	F 27
S 28	0 28 1	5° 7'41	6♎37	3°39	10°46	16° 0	4° 0	15° 3	17°19	15° 4	29°20	10°D26	10°41	19° 0	1°17	S 28
S 29	0 31 57	6° 6'30	19° 0	5°28	12° 1	16°33	4°13	15° 8	17°17	15° 2	29°21	10°26	10°38	19° 7	1°16	S 29
M30	0 35 54	7♎ 5'22	1♏35	7♎16	13♎16	17♋ 6	4♎26	15♌14	17♈14	15♓ 1	29♋22	10♎26	10♎34	19♌14	1♊15	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n14	3s56	0s 5	13n23	1s 1	10n 8	1n22	23n23	0s 2	1n42	1n 5	17n41	0n33	6n31	0s41	6s29	0s57	21n53	1n33	4s12	4s47	11n56	17n21	3s 9
M 2	7 53	7 37	1n 2	13 28	0 44	9 40	1 23	23 24	0 1	1 37	1 5	17 39	0 33	6 30	0 41	6 29	0 57	21 53	1 33	4 13	4 46	11 55	17 21	3 10
T 3	7 31	11 1	2 7	13 29	0 27	9 13	1 23	23 25	0n 0	1 32	1 5	17 37	0 33	6 30	0 41	6 30	0 57	21 53	1 34	4 13	4 44	11 53	17 21	3 10
W 4	7 9	13 59	3 8	13 27	0 12	8 45	1 24	23 25	0 1	1 27	1 5	17 35	0 33	6 29	0 41	6 31	0 57	21 53	1 34	4 14	4 43	11 52	17 21	3 10
T 5	6 46	16 18	4 0	13 21	0n 4	8 17	1 24	23 26	0 3	1 22	1 5	17 33	0 33	6 28	0 41	6 31	0 57	21 53	1 34	4 14	4 42	11 50	17 20	3 10
F 6	6 24	17 47	4 41	13 12	0 18	7 49	1 24	23 26	0 4	1 17	1 5	17 31	0 33	6 27	0 41	6 32	0 57	21 52	1 34	4 15	4 41	11 49	17 20	3 11
S 7	6 2	18 17	5 6	13 0	0 31	7 20	1 25	23 26	0 5	1 12	1 5	17 30	0 34	6 27	0 41	6 33	0 57	21 52	1 34	4 14	4 39	11 48	17 20	3 11
S 8	5 39	17 40	5 14	12 44	0 43	6 51	1 25	23 26	0 6	1 7	1 5	17 28	0 34	6 26	0 41	6 33	0 57	21 52	1 34	4 14	4 38	11 46	17 19	3 11
M 9	5 17	15 54	5 3	12 25	0 54	6 23	1 25	23 26	0 7	1 1	1 5	17 26	0 34	6 25	0 41	6 34	0 57	21 52	1 34	4 13	4 37	11 45	17 19	3 12
T 10	4 54	13 3	4 31	12 3	1 5	5 53	1 25	23 26	0 8	0 56	1 5	17 24	0 34	6 24	0 41	6 34	0 57	21 52	1 34	4 11	4 36	11 43	17 19	3 12
W11	4 31	9 19	3 40	11 38	1 14	5 24	1 25	23 26	0 9	0 51	1 5	17 22	0 34	6 24	0 41	6 35	0 57	21 52	1 34	4 10	4 35	11 42	17 18	3 12
T 12	4 9	4 57	2 34	11 10	1 22	4 55	1 25	23 25	0 11	0 46	1 5	17 20	0 34	6 23	0 41	6 36	0 57	21 52	1 34	4 9	4 33	11 40	17 18	3 12
F 13	3 46	0 19	1 18	10 39	1 29	4 25	1 25	23 24	0 12	0 41	1 5	17 19	0 34	6 22	0 41	6 36	0 57	21 51	1 34	4 9	4 32	11 39	17 18	3 13
S 14	3 23	4n17	0s 2	10 6	1 34	3 56	1 24	23 23	0 13	0 36	1 5	17 17	0 34	6 21	0 41	6 37	0 57	21 51	1 35	4 9	4 31	11 37	17 17	3 13
S 15	3 0	8 30	1 21	9 30	1 39	3 26	1 24	23 22	0 14	0 31	1 5	17 15	0 34	6 20	0 41	6 38	0 57	21 51	1 35	4 9	4 30	11 36	17 17	3 13
M16	2 37	12 8	2 32	8 53	1 43	2 56	1 24	23 21	0 15	0 26	1 5	17 13	0 35	6 20	0 41	6 38	0 57	21 51	1 35	4 9	4 28	11 34	17 17	3 14
T 17	2 14	14 59	3 33	8 13	1 46	2 26	1 23	23 20	0 16	0 21	1 5	17 11	0 35	6 19	0 41	6 39	0 57	21 51	1 35	4 10	4 27	11 33	17 16	3 14
W18	1 51	16 58	4 20	7 32	1 48	1 56	1 23	23 18	0 18	0 15	1 5	17 10	0 35	6 18	0 41	6 40	0 57	21 51	1 35	4 10	4 26	11 31	17 16	3 14
T 19	1 27	18 2	4 53	6 50	1 49	1 26	1 22	23 17	0 19	0 10	1 5	17 8	0 35	6 17	0 41	6 40	0 57	21 51	1 35	4 10	4 25	11 30	17 15	3 14
F 20	1 4	18 13	5 12	6 7	1 49	0 55	1 21	23 15	0 20	0 5	1 5	17 6	0 35	6 16	0 41	6 41	0 57	21 51	1 35	4 10	4 23	11 28	17 15	3 15
S 21	0 41	17 33	5 16	5 22	1 49	0 25	1 21	23 13	0 21	0 0	1 5	17 4	0 35	6 15	0 41	6 41	0 57	21 50	1 35	4 10	4 22	11 27	17 14	3 15
S 22	0 18	16 6	5 7	4 37	1 48	0s 5	1 20	23 11	0 23	0s 5	1 5	17 3	0 35	6 15	0 41	6 42	0 57	21 50	1 35	4 10	4 21	11 25	17 14	3 15
M23	0s 6	13 59	4 44	3 51	1 46	0 36	1 19	23 9	0 24	0 10	1 5	17 1	0 35	6 14	0 41	6 43	0 57	21 50	1 35	4 9	4 20	11 24	17 13	3 16
T 24	0 29	11 18	4 10	3 4	1 44	1 6	1 18	23 7	0 25	0 15	1 5	16 59	0 36	6 13	0 41	6 43	0 57	21 50	1 36	4 9	4 18	11 22	17 13	3 16
W25	0 52	8 8	3 24	2 17	1 41	1 36	1 17	23 5	0 26	0 21	1 5	16 58	0 36	6 12	0 41	6 44	0 57	21 50	1 36	4 8	4 17	11 20	17 12	3 16
T 26	1 16	4 37	2 30	1 30	1 38	2 7	1 16	23 3	0 28	0 26	1 5	16 56	0 36	6 11	0 41	6 45	0 57	21 50	1 36	4 8	4 16	11 19	17 12	3 16
F 27	1 39	0 52	1 28	0 43	1 34	2 37	1 15	23 0	0 29	0 31	1 5	16 54	0 36	6 10	0 42	6 45	0 57	21 50	1 36	4 8	4 15	11 17	17 11	3 17
S 28	2 2	2s57	0 21	0s 4	1 30	3 7	1 14	22 58	0 30	0 36	1 5	16 53	0 36	6 9	0 42	6 46	0 57	21 50	1 36	4 8	4 13	11 16	17 11	3 17
S 29	2 25	6 42	0n47	0 51	1 26	3 38	1 13	22 55	0 32	0 41	1 5	16 51	0 36	6 8	0 42	6 46	0 57	21 50	1 36	4 8	4 12	11 14	17 10	3 17
M30	2s49	10s13	1n55	1s38	1n21	4s 8	1n12	22n52	0n33	0s46	1n 5	16n50	0n36	6n 7	0s42	6s47	0s57	21n50	1n36	4s 8	4s11	11n13	17n10	3s18

Julian Day Number = 2518262.5, Delta T = 147.00 sec
Ecliptic obliquity = 23°24'47, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°17'34, Lahiri = 26°24'35

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2182
geocentric

OCTOBER 2182 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 39 50	8♎ 4'15	14♏22	9♎ 3	14♎31	17♋38	4♎39	15♌20	17°R12	14°R59	29♋23	10♎27	10♎31	19♌20	1°R13	T 1
W 2	0 43 47	9° 3'11	27°23	10°49	15°45	18°11	4°52	15°26	17♈10	14♓58	29°23	10°27	10°28	19°27	1♊12	W 2
T 3	0 47 43	10° 2'08	10♐39	12°34	17° 0	18°43	5° 5	15°31	17° 7	14°56	29°24	10°27	10°25	19°34	1°10	T 3
F 4	0 51 40	11° 1'07	24°11	14°19	18°15	19°15	5°18	15°37	17° 5	14°55	29°25	10°R27	10°22	19°40	1° 8	F 4
S 5	0 55 37	12° 0'07	7♑58	16° 2	19°30	19°47	5°31	15°42	17° 2	14°53	29°25	10°D27	10°19	19°47	1° 6	S 5
S 6	0 59 33	12°59'10	22° 0	17°45	20°44	20°18	5°44	15°47	17° 0	14°52	29°26	10°27	10°15	19°54	1° 5	S 6
M 7	1 3 30	13°58'14	6♒17	19°27	21°59	20°50	5°57	15°53	16°58	14°51	29°26	10°27	10°12	20° 0	1° 3	M 7
T 8	1 7 26	14°57'19	20°45	21° 8	23°14	21°21	6°10	15°58	16°55	14°49	29°27	10°27	10° 9	20° 7	1° 1	T 8
W 9	1 11 23	15°56'27	5♓22	22°48	24°29	21°52	6°23	16° 3	16°53	14°48	29°28	10°28	10° 6	20°14	0°59	W 9
T 10	1 15 19	16°55'36	20° 1	24°27	25°44	22°23	6°35	16° 8	16°50	14°46	29°28	10°28	10° 3	20°21	0°57	T 10
F 11	1 19 16	17°54'47	4♈37	26° 6	26°58	22°53	6°48	16°13	16°48	14°45	29°29	10°R29	9°59	20°27	0°55	F 11
S 12	1 23 12	18°54'00	19° 3	27°44	28°13	23°23	7° 1	16°18	16°45	14°44	29°29	10°29	9°56	20°34	0°53	S 12
S 13	1 27 9	19°53'15	3♉14	29°21	29°28	23°53	7°14	16°23	16°43	14°43	29°30	10°28	9°53	20°41	0°51	S 13
M14	1 31 6	20°52'33	17° 6	0♏57	0♏43	24°23	7°27	16°28	16°41	14°41	29°30	10°27	9°50	20°47	0°48	M14
T 15	1 35 2	21°51'52	0♊35	2°33	1°58	24°52	7°40	16°32	16°38	14°40	29°30	10°26	9°47	20°54	0°46	T 15
W16	1 38 59	22°51'14	13°41	4° 8	3°12	25°22	7°52	16°37	16°36	14°39	29°31	10°24	9°44	21° 1	0°44	W16
T 17	1 42 55	23°50'38	26°26	5°42	4°27	25°51	8° 5	16°41	16°33	14°38	29°31	10°22	9°40	21° 7	0°42	T 17
F 18	1 46 52	24°50'04	8♋51	7°15	5°42	26°19	8°18	16°46	16°31	14°36	29°31	10°21	9°37	21°14	0°39	F 18
S 19	1 50 48	25°49'33	21° 1	8°48	6°57	26°48	8°30	16°50	16°28	14°35	29°32	10°D21	9°34	21°21	0°37	S 19
S 20	1 54 45	26°49'04	2♌59	10°20	8°12	27°16	8°43	16°54	16°26	14°34	29°32	10°21	9°31	21°27	0°34	S 20
M21	1 58 41	27°48'37	14°51	11°52	9°26	27°44	8°56	16°58	16°24	14°33	29°32	10°21	9°28	21°34	0°32	M21
T 22	2 2 38	28°48'12	26°42	13°23	10°41	28°11	9° 8	17° 2	16°21	14°32	29°33	10°23	9°25	21°41	0°29	T 22
W23	2 6 34	29°47'49	8♍35	14°53	11°56	28°39	9°21	17° 6	16°19	14°31	29°33	10°24	9°21	21°48	0°26	W23
T 24	2 10 31	0♏47'29	20°36	16°23	13°11	29° 6	9°33	17°10	16°17	14°30	29°33	10°26	9°18	21°54	0°24	T 24
F 25	2 14 28	1°47'11	2♎47	17°52	14°26	29°32	9°46	17°14	16°14	14°29	29°33	10°27	9°15	22° 1	0°21	F 25
S 26	2 18 24	2°46'55	15°11	19°20	15°41	29°59	9°58	17°18	16°12	14°28	29°33	10°R27	9°12	22° 8	0°18	S 26
S 27	2 22 21	3°46'41	27°51	20°48	16°56	0♌25	10°11	17°21	16°10	14°27	29°33	10°26	9° 9	22°14	0°16	S 27
M28	2 26 17	4°46'29	10♏47	22°15	18°10	0°50	10°23	17°25	16° 7	14°26	29°33	10°24	9° 5	22°21	0°13	M28
T 29	2 30 14	5°46'19	23°58	23°42	19°25	1°16	10°36	17°28	16° 5	14°25	29°33	10°20	9° 2	22°28	0°10	T 29
W30	2 34 10	6°46'11	7♐23	25° 7	20°40	1°41	10°48	17°32	16° 3	14°24	29°33	10°16	8°59	22°34	0° 7	W30
T 31	2 38 7	7♏46'05	21♐ 2	26♏32	21♏55	2♌ 5	11♎ 0	17♌35	16♈ 1	14♓24	29°R33	10♎12	8♎56	22♌41	0♊ 4	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	3s12	13s18	2n58	2s25	1n16	4s38	1n10	22n49	0n34	0s51	1n 5	16n48	0n37	6n 7	0s42	6s47	0s57	21n50	1n36	4s 8	4s10	11n11	17n 9	3s18	T 1
W 2	3 35	15 47	3 52	3 12	1 10	5 8	1 9	22 46	0 36	0 56	1 5	16 47	0 37	6 6	0 42	6 48	0 57	21 50	1 36	4 8	4 8	11 10	17 9	3 18	W 2
T 3	3 58	17 28	4 36	3 58	1 5	5 38	1 8	22 43	0 37	1 1	1 5	16 45	0 37	6 5	0 42	6 49	0 57	21 50	1 36	4 8	4 7	11 8	17 8	3 18	T 3
F 4	4 21	18 13	5 5	4 44	0 59	6 8	1 6	22 40	0 39	1 7	1 5	16 44	0 37	6 4	0 42	6 49	0 57	21 50	1 37	4 8	4 6	11 7	17 7	3 19	F 4
S 5	4 44	17 54	5 17	5 30	0 53	6 37	1 5	22 37	0 40	1 12	1 5	16 42	0 37	6 3	0 42	6 50	0 57	21 50	1 37	4 8	4 5	11 5	17 7	3 19	S 5
S 6	5 7	16 30	5 11	6 15	0 46	7 7	1 3	22 34	0 41	1 17	1 5	16 41	0 37	6 2	0 42	6 50	0 57	21 50	1 37	4 8	4 3	11 4	17 6	3 19	S 6
M 7	5 30	14 4	4 46	6 59	0 40	7 36	1 2	22 30	0 43	1 22	1 5	16 39	0 37	6 1	0 42	6 51	0 57	21 49	1 37	4 8	4 2	11 2	17 5	3 19	M 7
T 8	5 53	10 43	4 2	7 43	0 34	8 5	1 0	22 27	0 44	1 27	1 5	16 38	0 38	6 0	0 41	6 51	0 57	21 49	1 37	4 8	4 1	11 1	17 5	3 20	T 8
W 9	6 16	6 42	3 3	8 27	0 27	8 35	0 58	22 24	0 46	1 32	1 5	16 36	0 38	5 59	0 41	6 52	0 57	21 49	1 37	4 8	4 0	10 59	17 4	3 20	W 9
T 10	6 39	2 15	1 51	9 9	0 20	9 3	0 56	22 20	0 47	1 37	1 5	16 35	0 38	5 58	0 41	6 52	0 57	21 49	1 37	4 9	3 58	10 58	17 4	3 20	T 10
F 11	7 1	2n20	0 33	9 52	0 13	9 32	0 55	22 17	0 49	1 42	1 5	16 34	0 38	5 57	0 41	6 53	0 57	21 49	1 37	4 9	3 57	10 56	17 3	3 20	F 11
S 12	7 24	6 43	0s47	10 33	0 6	10 1	0 53	22 13	0 50	1 47	1 5	16 32	0 38	5 56	0 41	6 53	0 57	21 49	1 37	4 9	3 56	10 55	17 2	3 21	S 12
S 13	7 46	10 39	2 3	11 14	0s 0	10 29	0 51	22 9	0 52	1 52	1 5	16 31	0 38	5 55	0 41	6 54	0 57	21 49	1 38	4 8	3 55	10 53	17 2	3 21	S 13
M14	8 8	13 53	3 9	11 54	0 7	10 57	0 49	22 6	0 53	1 57	1 5	16 30	0 38	5 55	0 41	6 54	0 57	21 49	1 38	4 8	3 53	10 51	17 1	3 21	M14
T 15	8 31	16 17	4 3	12 34	0 14	11 24	0 47	22 2	0 55	2 2	1 5	16 29	0 39	5 54	0 41	6 55	0 57	21 49	1 38	4 7	3 52	10 50	17 0	3 21	T 15
W16	8 53	17 44	4 43	13 13	0 21	11 52	0 45	21 58	0 56	2 7	1 5	16 27	0 39	5 53	0 41	6 55	0 57	21 50	1 38	4 7	3 51	10 48	16 59	3 22	W16
T 17	9 15	18 15	5 7	13 51	0 28	12 19	0 43	21 54	0 58	2 12	1 6	16 26	0 39	5 52	0 41	6 56	0 57	21 50	1 38	4 6	3 50	10 47	16 59	3 22	T 17
F 18	9 36	17 51	5 16	14 28	0 35	12 46	0 41	21 50	1 0	2 17	1 6	16 25	0 39	5 51	0 41	6 56	0 57	21 50	1 38	4 6	3 48	10 45	16 58	3 22	F 18
S 19	9 58	16 39	5 11	15 5	0 42	13 13	0 39	21 46	1 1	2 22	1 6	16 24	0 39	5 50	0 41	6 57	0 57	21 50	1 38	4 5	3 47	10 44	16 57	3 22	S 19
S 20	10 20	14 44	4 52	15 41	0 49	13 39	0 36	21 43	1 3	2 27	1 6	16 23	0 39	5 49	0 41	6 57	0 57	21 50	1 38	4 5	3 46	10 42	16 57	3 23	S 20
M21	10 41	12 12	4 21	16 16	0 56	14 5	0 34	21 39	1 4	2 32	1 6	16 22	0 39	5 48	0 41	6 57	0 57	21 50	1 38	4 6	3 45	10 41	16 56	3 23	M21
T 22	11 2	9 10	3 39	16 50	1 2	14 30	0 32	21 35	1 6	2 37	1 6	16 20	0 40	5 47	0 41	6 58	0 57	21 50	1 39	4 6	3 43	10 39	16 55	3 23	T 22
W23	11 23	5 45	2 47	17 23	1 9	14 56	0 30	21 31	1 8	2 41	1 6	16 19	0 40	5 46	0 41	6 58	0 57	21 50	1 39	4 7	3 42	10 38	16 54	3 23	W23
T 24	11 44	2 5	1 47	17 55	1 16	15 21	0 27	21 27	1 9	2 46	1 6	16 18	0 40	5 46	0 41	6 59	0 57	21 50	1 39	4 8	3 41	10 36	16 54	3 23	T 24
F 25	12 5	1s45	0 42	18 27	1 22	15 45	0 25	21 23	1 11	2 51	1 6	16 17	0 40	5 45	0 41	6 59	0 57	21 50	1 39	4 8	3 40	10 34	16 53	3 24	F 25
S 26	12 25	5 34	0n26	18 57	1 28	16 9	0 23	21 19	1 13	2 56	1 6	16 16	0 40	5 44	0 41	6 59	0 57	21 50	1 39	4 8	3 38	10 33	16 52	3 24	S 26
S 27	12 46	9 14	1 34	19 27	1 34	16 33	0 20	21 15	1 15	3 1	1 6	16 15	0 40	5 43	0 41	7 0	0 57	21 50	1 39	4 8	3 37	10 31	16 51	3 24	S 27
M28	13 6	12 31	2 39	19 56	1 40	16 56	0 18	21 11	1 16	3 6	1 6	16 15	0 41	5 42	0 41	7 0	0 57	21 50	1 39	4 7	3 36	10 30	16 51	3 24	M28
T 29	13 26	15 14	3 37	20 23	1 46	17 19	0 16	21 8	1 18	3 10	1 6	16 14	0 41	5 41	0 41	7 0	0 57	21 50	1 39	4 5	3 35	10 28	16 50	3 24	T 29
W30	13 46	17 11	4 23	20 50	1 52	17 41	0 13	21 4	1 20	3 15	1 6	16 13	0 41	5 40	0 41	7 1	0 57	21 50	1 39	4 4	3 33	10 27	16 49	3 25	W30
T 31	14s 5	18s11	4n56	21s16	1s57	18s 3	0n11	21n 0	1n22	3s20	1n 7	16n12	0n41	5n40	0s41	7s 1	0s57	21n51	1n39	4s 2	3s32	10n25	16n48	3s25	T 31

Julian Day Number = 2518292.5, Delta T = 147.07 sec
Ecliptic obliquity = 23°24'47, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°17'39, Lahiri = 26°24'39

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2182
geocentric

NOVEMBER 2182 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 42 3	8♏46'00	4♑51	27♏56	23♏10	2♌29	11♎12	17♌38	15°R59	14°R23	29°R33	10°R 8	8♎53	22♌48	0°R 1	F 1
S 2	2 46 0	9°45'57	18°49	29°20	24°25	2°53	11°25	17°41	15♈56	14♓22	29♋33	10♎ 5	8°50	22°54	29♉58	S 2
S 3	2 49 57	10°45'56	2♒53	0♐42	25°40	3°17	11°37	17°44	15°54	14°21	29°33	10° 4	8°46	23° 1	29°55	S 3
M 4	2 53 53	11°45'56	17° 1	2° 4	26°54	3°40	11°49	17°47	15°52	14°20	29°33	10°D 4	8°43	23° 8	29°52	M 4
T 5	2 57 50	12°45'58	1♓13	3°25	28° 9	4° 3	12° 1	17°49	15°50	14°20	29°33	10° 5	8°40	23°14	29°49	T 5
W 6	3 1 46	13°46'01	15°26	4°44	29°24	4°25	12°13	17°52	15°48	14°19	29°33	10° 6	8°37	23°21	29°46	W 6
T 7	3 5 43	14°46'06	29°37	6° 2	0♑39	4°47	12°25	17°54	15°46	14°18	29°33	10° 7	8°34	23°28	29°43	T 7
F 8	3 9 39	15°46'13	13♈45	7°19	1°54	5° 9	12°37	17°57	15°44	14°18	29°33	10°R 8	8°30	23°34	29°40	F 8
S 9	3 13 36	16°46'21	27°45	8°35	3° 9	5°30	12°48	17°59	15°42	14°17	29°32	10° 7	8°27	23°41	29°37	S 9
S 10	3 17 32	17°46'31	11♉35	9°49	4°23	5°51	13° 0	18° 1	15°40	14°17	29°32	10° 3	8°24	23°48	29°34	S 10
M11	3 21 29	18°46'42	25°12	11° 1	5°38	6°11	13°12	18° 3	15°38	14°16	29°32	9°58	8°21	23°55	29°31	M11
T 12	3 25 26	19°46'56	8♊31	12°12	6°53	6°31	13°23	18° 5	15°36	14°16	29°32	9°52	8°18	24° 1	29°28	T 12
W13	3 29 22	20°47'11	21°33	13°20	8° 8	6°50	13°35	18° 7	15°34	14°15	29°31	9°44	8°15	24° 8	29°24	W13
T 14	3 33 19	21°47'28	4♋16	14°26	9°23	7° 9	13°47	18° 9	15°32	14°15	29°31	9°37	8°11	24°15	29°21	T 14
F 15	3 37 15	22°47'47	16°41	15°28	10°38	7°27	13°58	18°11	15°31	14°15	29°30	9°31	8° 8	24°21	29°18	F 15
S 16	3 41 12	23°48'08	28°51	16°28	11°52	7°45	14° 9	18°12	15°29	14°14	29°30	9°26	8° 5	24°28	29°15	S 16
S 17	3 45 8	24°48'31	10♌50	17°25	13° 7	8° 3	14°21	18°14	15°27	14°14	29°30	9°22	8° 2	24°35	29°12	S 17
M18	3 49 5	25°48'55	22°42	18°17	14°22	8°20	14°32	18°15	15°26	14°14	29°29	9°D21	7°59	24°41	29° 8	M18
T 19	3 53 1	26°49'22	4♍32	19° 5	15°37	8°36	14°43	18°16	15°24	14°14	29°29	9°21	7°56	24°48	29° 5	T 19
W20	3 56 58	27°49'50	16°25	19°48	16°52	8°52	14°54	18°17	15°22	14°13	29°28	9°23	7°52	24°55	29° 2	W20
T 21	4 0 55	28°50'20	28°26	20°25	18° 7	9° 7	15° 5	18°18	15°21	14°13	29°28	9°24	7°49	25° 1	28°59	T 21
F 22	4 4 51	29°50'52	10♎41	20°56	19°21	9°22	15°16	18°19	15°19	14°13	29°27	9°R24	7°46	25° 8	28°55	F 22
S 23	4 8 48	0♐51'26	23°13	21°20	20°36	9°37	15°27	18°20	15°18	14°13	29°27	9°23	7°43	25°15	28°52	S 23
S 24	4 12 44	1°52'01	6♏ 5	21°37	21°51	9°50	15°38	18°20	15°16	14°13	29°26	9°20	7°40	25°21	28°49	S 24
M25	4 16 41	2°52'38	19°18	21°R44	23° 6	10° 3	15°49	18°21	15°15	14°D13	29°25	9°14	7°36	25°28	28°46	M25
T 26	4 20 37	3°53'17	2♐53	21°43	24°21	10°16	15°59	18°21	15°13	14°13	29°25	9° 6	7°33	25°35	28°43	T 26
W27	4 24 34	4°53'57	16°46	21°31	25°35	10°27	16°10	18°22	15°12	14°13	29°24	8°57	7°30	25°41	28°39	W27
T 28	4 28 30	5°54'38	0♑54	21° 9	26°50	10°39	16°20	18°22	15°11	14°13	29°23	8°47	7°27	25°48	28°36	T 28
F 29	4 32 27	6°55'21	15°10	20°36	28° 5	10°49	16°31	18°R22	15°10	14°13	29°23	8°38	7°24	25°55	28°33	F 29
S 30	4 36 24	7♐56'04	29♑30	19♐52	29♐20	10♌59	16♎41	18♌22	15♈ 8	14♓13	29♋22	8♎31	7♎21	26♌ 1	28♉30	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14s24	18s 8	5n12	21s40	2s 3	18s25	0n 8	20n56	1n24	3s24	1n 7	16n11	0n41	5n39	0s41	7s 1	0s57	21n51	1n40	4s 1	3s31	10n23	16n47	3s25
S 2	14 43	16 59	5 9	22 4	2 8	18 46	0 6	20 53	1 25	3 29	1 7	16 10	0 41	5 38	0 41	7 1	0 57	21 51	1 40	3 59	3 30	10 22	16 47	3 25
S 3	15 2	14 48	4 49	22 26	2 13	19 6	0 3	20 49	1 27	3 34	1 7	16 10	0 42	5 37	0 41	7 2	0 57	21 51	1 40	3 59	3 28	10 20	16 46	3 25
M 4	15 21	11 44	4 10	22 47	2 17	19 26	0 1	20 45	1 29	3 38	1 7	16 9	0 42	5 36	0 41	7 2	0 57	21 51	1 40	3 59	3 27	10 19	16 45	3 26
T 5	15 39	7 58	3 17	23 8	2 21	19 45	0s 2	20 42	1 31	3 43	1 7	16 8	0 42	5 35	0 41	7 2	0 57	21 51	1 40	3 59	3 26	10 17	16 44	3 26
W 6	15 57	3 44	2 11	23 26	2 25	20 4	0 4	20 38	1 33	3 48	1 7	16 8	0 42	5 35	0 41	7 3	0 57	21 51	1 40	4 0	3 25	10 16	16 44	3 26
T 7	16 15	0n43	0 57	23 44	2 29	20 22	0 7	20 35	1 35	3 52	1 7	16 7	0 42	5 34	0 41	7 3	0 57	21 51	1 40	4 0	3 23	10 14	16 43	3 26
F 8	16 33	5 7	0s20	24 1	2 32	20 40	0 9	20 32	1 37	3 57	1 7	16 6	0 42	5 33	0 41	7 3	0 57	21 52	1 40	4 0	3 22	10 12	16 42	3 26
S 9	16 50	9 11	1 35	24 16	2 35	20 57	0 12	20 28	1 39	4 1	1 7	16 6	0 43	5 32	0 41	7 3	0 57	21 52	1 40	4 0	3 21	10 11	16 41	3 26
S 10	17 7	12 43	2 43	24 30	2 38	21 14	0 14	20 25	1 41	4 6	1 8	16 5	0 43	5 32	0 41	7 3	0 57	21 52	1 41	3 59	3 20	10 9	16 40	3 26
M11	17 23	15 28	3 40	24 42	2 39	21 30	0 17	20 22	1 43	4 10	1 8	16 5	0 43	5 31	0 41	7 3	0 57	21 52	1 41	3 57	3 18	10 8	16 40	3 27
T 12	17 40	17 21	4 25	24 53	2 41	21 45	0 19	20 19	1 45	4 14	1 8	16 5	0 43	5 30	0 41	7 4	0 57	21 52	1 41	3 54	3 17	10 6	16 39	3 27
W13	17 56	18 15	4 54	25 3	2 42	22 0	0 22	20 16	1 47	4 19	1 8	16 4	0 43	5 30	0 41	7 4	0 57	21 52	1 41	3 51	3 16	10 5	16 38	3 27
T 14	18 12	18 13	5 8	25 11	2 42	22 14	0 24	20 14	1 49	4 23	1 8	16 4	0 43	5 29	0 41	7 4	0 57	21 53	1 41	3 48	3 15	10 3	16 37	3 27
F 15	18 27	17 18	5 7	25 18	2 42	22 28	0 27	20 11	1 51	4 27	1 8	16 3	0 44	5 28	0 41	7 4	0 57	21 53	1 41	3 46	3 13	10 1	16 36	3 27
S 16	18 42	15 36	4 52	25 24	2 41	22 40	0 29	20 8	1 54	4 32	1 8	16 3	0 44	5 28	0 41	7 4	0 57	21 53	1 41	3 44	3 12	10 0	16 36	3 27
S 17	18 57	13 15	4 24	25 28	2 39	22 53	0 32	20 6	1 56	4 36	1 8	16 3	0 44	5 27	0 41	7 4	0 57	21 53	1 41	3 43	3 11	9 58	16 35	3 27
M18	19 11	10 23	3 45	25 30	2 37	23 4	0 34	20 4	1 58	4 40	1 8	16 3	0 44	5 26	0 41	7 4	0 57	21 53	1 41	3 42	3 10	9 57	16 34	3 28
T 19	19 26	7 5	2 57	25 31	2 33	23 15	0 37	20 1	2 0	4 44	1 9	16 2	0 44	5 26	0 41	7 4	0 57	21 54	1 42	3 42	3 8	9 55	16 33	3 28
W20	19 39	3 30	2 1	25 30	2 29	23 25	0 39	19 59	2 2	4 49	1 9	16 2	0 44	5 25	0 41	7 4	0 57	21 54	1 42	3 43	3 7	9 53	16 32	3 28
T 21	19 53	0s17	0 59	25 27	2 23	23 34	0 42	19 58	2 5	4 53	1 9	16 2	0 45	5 25	0 41	7 5	0 57	21 54	1 42	3 43	3 6	9 52	16 32	3 28
F 22	20 6	4 7	0n 7	25 22	2 16	23 43	0 44	19 56	2 7	4 57	1 9	16 2	0 45	5 24	0 41	7 5	0 57	21 54	1 42	3 43	3 5	9 50	16 31	3 28
S 23	20 18	7 52	1 14	25 16	2 9	23 51	0 47	19 54	2 9	5 1	1 9	16 2	0 45	5 23	0 41	7 5	0 57	21 54	1 42	3 43	3 3	9 49	16 30	3 28
S 24	20 31	11 21	2 18	25 8	1 59	23 59	0 49	19 53	2 12	5 5	1 9	16 2	0 45	5 23	0 41	7 5	0 57	21 55	1 42	3 42	3 2	9 47	16 29	3 28
M25	20 43	14 22	3 17	24 58	1 49	24 5	0 51	19 51	2 14	5 9	1 9	16 2	0 45	5 22	0 41	7 5	0 57	21 55	1 42	3 39	3 1	9 46	16 28	3 28
T 26	20 54	16 41	4 7	24 46	1 37	24 11	0 53	19 50	2 16	5 13	1 10	16 2	0 46	5 22	0 41	7 5	0 57	21 55	1 42	3 36	3 0	9 44	16 28	3 28
W27	21 5	18 4	4 43	24 31	1 23	24 16	0 56	19 49	2 19	5 17	1 10	16 2	0 46	5 21	0 41	7 5	0 57	21 55	1 42	3 33	2 58	9 42	16 27	3 28
T 28	21 16	18 23	5 2	24 15	1 8	24 20	0 58	19 49	2 21	5 21	1 10	16 2	0 46	5 21	0 40	7 4	0 56	21 56	1 42	3 29	2 57	9 41	16 26	3 28
F 29	21 26	17 32	5 3	23 56	0 51	24 24	1 0	19 48	2 24	5 24	1 10	16 2	0 46	5 21	0 40	7 4	0 56	21 56	1 43	3 25	2 56	9 39	16 25	3 28
S 30	21s36	15s35	4n45	23s35	0s33	24s27	1s 2	19n48	2n26	5s28	1n10	16n 2	0n46	5n20	0s40	7s 4	0s56	21n56	1n43	3s22	2s55	9n38	16n25	3s28

Julian Day Number = 2518323.5, Delta T = 147.14 sec
Ecliptic obliquity = 23°24'47, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°17'43, Lahiri = 26°24'43

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2182
geocentric

DECEMBER 2182 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 40 20	8♐56'49	13♒49	18°R58	0♑35	11♌ 8	16♎51	18°R22	15°R 7	14♓13	29°R21	8°R26	7♎17	26♌ 8	28°R27	S 1
M 2	4 44 17	9°57'35	28° 3	17♐55	1°50	11°17	17° 1	18♌22	15♈ 6	14°14	29♋21	8♎23	7°14	26°15	28♉23	M 2
T 3	4 48 13	10°58'21	12♓11	16°43	3° 4	11°25	17°11	18°21	15° 5	14°14	29°20	8°D22	7°11	26°22	28°20	T 3
W 4	4 52 10	11°59'09	26°10	15°25	4°19	11°32	17°21	18°21	15° 4	14°14	29°19	8°23	7° 8	26°28	28°17	W 4
T 5	4 56 6	12°59'57	10♈ 1	14° 3	5°34	11°39	17°31	18°20	15° 3	14°14	29°18	8°R23	7° 5	26°35	28°14	T 5
F 6	5 0 3	14° 0'46	23°43	12°40	6°49	11°44	17°40	18°19	15° 2	14°15	29°17	8°22	7° 2	26°42	28°11	F 6
S 7	5 3 59	15° 1'36	7♉17	11°19	8° 3	11°50	17°50	18°19	15° 1	14°15	29°16	8°19	6°58	26°48	28° 8	S 7
S 8	5 7 56	16° 2'27	20°41	10° 3	9°18	11°54	18° 0	18°18	15° 0	14°16	29°15	8°13	6°55	26°55	28° 5	S 8
M 9	5 11 53	17° 3'19	3♊55	8°53	10°33	11°57	18° 9	18°17	15° 0	14°16	29°15	8° 3	6°52	27° 2	28° 2	M 9
T 10	5 15 49	18° 4'12	16°56	7°52	11°47	12° 0	18°18	18°16	14°59	14°16	29°14	7°52	6°49	27° 8	27°59	T 10
W11	5 19 46	19° 5'06	29°44	7° 1	13° 2	12° 2	18°27	18°14	14°58	14°17	29°13	7°39	6°46	27°15	27°56	W11
T 12	5 23 42	20° 6'01	12♋18	6°21	14°17	12° 4	18°36	18°13	14°57	14°18	29°12	7°26	6°42	27°22	27°53	T 12
F 13	5 27 39	21° 6'57	24°38	5°53	15°32	12°R 4	18°45	18°12	14°57	14°18	29°11	7°14	6°39	27°28	27°50	F 13
S 14	5 31 35	22° 7'54	6♌45	5°35	16°46	12° 4	18°54	18°10	14°56	14°19	29°10	7° 3	6°36	27°35	27°47	S 14
S 15	5 35 32	23° 8'52	18°42	5°D29	18° 1	12° 3	19° 3	18° 8	14°56	14°19	29° 9	6°56	6°33	27°42	27°44	S 15
M16	5 39 28	24° 9'51	0♍33	5°33	19°15	12° 1	19°11	18° 6	14°55	14°20	29° 8	6°51	6°30	27°48	27°41	M16
T 17	5 43 25	25°10'51	12°21	5°46	20°30	11°58	19°20	18° 5	14°55	14°21	29° 7	6°48	6°27	27°55	27°39	T 17
W18	5 47 22	26°11'53	24°12	6° 8	21°45	11°55	19°28	18° 3	14°55	14°22	29° 6	6°D48	6°23	28° 2	27°36	W18
T 19	5 51 18	27°12'55	6♎11	6°38	22°59	11°50	19°37	18° 0	14°54	14°22	29° 5	6°R48	6°20	28° 8	27°33	T 19
F 20	5 55 15	28°13'58	18°24	7°15	24°14	11°45	19°45	17°58	14°54	14°23	29° 4	6°47	6°17	28°15	27°30	F 20
S 21	5 59 11	29°15'02	0♏56	7°59	25°29	11°39	19°53	17°56	14°54	14°24	29° 2	6°45	6°14	28°22	27°28	S 21
S 22	6 3 8	0♑16'07	13°52	8°48	26°43	11°32	20° 0	17°54	14°54	14°25	29° 1	6°41	6°11	28°28	27°25	S 22
M23	6 7 4	1°17'12	27°14	9°41	27°58	11°24	20° 8	17°51	14°54	14°26	29° 0	6°34	6° 8	28°35	27°23	M23
T 24	6 11 1	2°18'19	11♐ 3	10°39	29°12	11°16	20°16	17°48	14°D54	14°27	28°59	6°24	6° 4	28°42	27°20	T 24
W25	6 14 58	3°19'26	25°16	11°41	0♒27	11° 6	20°23	17°46	14°54	14°28	28°58	6°12	6° 1	28°48	27°18	W25
T 26	6 18 54	4°20'34	9♑48	12°47	1°41	10°56	20°31	17°43	14°54	14°29	28°57	5°59	5°58	28°55	27°15	T 26
F 27	6 22 51	5°21'42	24°32	13°55	2°56	10°45	20°38	17°40	14°54	14°30	28°56	5°47	5°55	29° 2	27°13	F 27
S 28	6 26 47	6°22'50	9♒20	15° 5	4°10	10°33	20°45	17°37	14°54	14°31	28°54	5°37	5°52	29° 8	27°10	S 28
S 29	6 30 44	7°23'59	24° 4	16°18	5°25	10°20	20°52	17°34	14°54	14°32	28°53	5°30	5°48	29°15	27° 8	S 29
M30	6 34 40	8°25'07	8♓37	17°33	6°39	10° 7	20°58	17°31	14°55	14°33	28°52	5°26	5°45	29°22	27° 6	M30
T 31	6 38 37	9♑26'15	22♓54	18♐50	7♒54	9♌52	21♎ 5	17♌28	14♈55	14♓34	28♋51	5♎24	5♎42	29♌28	27♉ 4	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s46	12s41	4n 9	23s12	0s14	24s29	1s 4	19n48	2n29	5s32	1n10	16n 3	0n46	5n20	0s40	7s 4	0s56	21n56	1n43	3s20	2s53	9n36	16n24	3s29
M 2	21 55	9 2	3 18	22 46	0n 5	24 31	1 7	19 48	2 31	5 36	1 10	16 3	0 47	5 19	0 40	7 4	0 56	21 57	1 43	3 19	2 52	9 34	16 23	3 29
T 3	22 4	4 54	2 15	22 19	0 26	24 31	1 9	19 48	2 34	5 39	1 11	16 3	0 47	5 19	0 40	7 4	0 56	21 57	1 43	3 19	2 51	9 33	16 23	3 29
W 4	22 12	0 32	1 5	21 51	0 46	24 31	1 11	19 48	2 36	5 43	1 11	16 3	0 47	5 19	0 40	7 4	0 56	21 57	1 43	3 19	2 50	9 31	16 22	3 29
T 5	22 20	3n50	0s 9	21 22	1 6	24 30	1 13	19 49	2 39	5 46	1 11	16 4	0 47	5 18	0 40	7 4	0 56	21 57	1 43	3 19	2 48	9 29	16 21	3 29
F 6	22 27	7 57	1 21	20 53	1 25	24 29	1 15	19 50	2 41	5 50	1 11	16 4	0 47	5 18	0 40	7 4	0 56	21 58	1 43	3 19	2 47	9 28	16 20	3 29
S 7	22 34	11 36	2 27	20 25	1 43	24 26	1 16	19 51	2 44	5 53	1 11	16 5	0 47	5 18	0 40	7 3	0 56	21 58	1 43	3 18	2 46	9 26	16 20	3 29
S 8	22 41	14 37	3 25	19 59	1 59	24 23	1 18	19 52	2 47	5 57	1 11	16 5	0 48	5 17	0 40	7 3	0 56	21 58	1 43	3 15	2 45	9 25	16 19	3 29
M 9	22 47	16 49	4 10	19 35	2 12	24 20	1 20	19 54	2 49	6 0	1 12	16 6	0 48	5 17	0 40	7 3	0 56	21 58	1 44	3 12	2 43	9 23	16 18	3 29
T 10	22 53	18 6	4 42	19 14	2 24	24 15	1 22	19 56	2 52	6 4	1 12	16 6	0 48	5 17	0 40	7 3	0 56	21 59	1 44	3 7	2 42	9 21	16 18	3 29
W11	22 58	18 26	4 59	18 56	2 33	24 10	1 24	19 57	2 55	6 7	1 12	16 7	0 48	5 17	0 40	7 3	0 56	21 59	1 44	3 2	2 41	9 20	16 17	3 29
T 12	23 3	17 52	5 0	18 43	2 40	24 4	1 25	20 0	2 57	6 10	1 12	16 7	0 48	5 16	0 40	7 2	0 56	21 59	1 44	2 57	2 40	9 18	16 16	3 29
F 13	23 7	16 27	4 48	18 33	2 45	23 57	1 27	20 2	3 0	6 13	1 12	16 8	0 49	5 16	0 40	7 2	0 56	22 0	1 44	2 52	2 38	9 17	16 16	3 29
S 14	23 11	14 20	4 22	18 28	2 48	23 49	1 28	20 5	3 3	6 17	1 13	16 8	0 49	5 16	0 40	7 2	0 56	22 0	1 44	2 48	2 37	9 15	16 15	3 29
S 15	23 14	11 37	3 46	18 26	2 49	23 41	1 30	20 8	3 5	6 20	1 13	16 9	0 49	5 16	0 40	7 2	0 56	22 0	1 44	2 45	2 36	9 13	16 14	3 29
M16	23 17	8 28	3 0	18 27	2 48	23 32	1 31	20 11	3 8	6 23	1 13	16 10	0 49	5 16	0 40	7 1	0 56	22 1	1 44	2 43	2 35	9 12	16 14	3 29
T 17	23 20	4 59	2 6	18 31	2 46	23 22	1 32	20 14	3 11	6 26	1 13	16 11	0 49	5 16	0 40	7 1	0 56	22 1	1 44	2 42	2 33	9 10	16 13	3 29
W18	23 21	1 17	1 6	18 38	2 43	23 12	1 34	20 18	3 14	6 29	1 13	16 11	0 49	5 15	0 40	7 1	0 56	22 1	1 44	2 42	2 32	9 8	16 13	3 29
T 19	23 23	2s30	0 3	18 47	2 39	23 1	1 35	20 22	3 16	6 32	1 13	16 12	0 50	5 15	0 40	7 0	0 56	22 1	1 44	2 42	2 31	9 7	16 12	3 29
F 20	23 24	6 16	1n 1	18 58	2 34	22 49	1 36	20 26	3 19	6 35	1 14	16 13	0 50	5 15	0 40	7 0	0 56	22 2	1 45	2 42	2 30	9 5	16 11	3 29
S 21	23 25	9 51	2 4	19 10	2 28	22 37	1 37	20 30	3 22	6 37	1 14	16 14	0 50	5 15	0 40	7 0	0 56	22 2	1 45	2 41	2 28	9 4	16 11	3 29
S 22	23 25	13 4	3 3	19 24	2 22	22 24	1 38	20 35	3 25	6 40	1 14	16 15	0 50	5 15	0 40	6 59	0 56	22 2	1 45	2 39	2 27	9 2	16 10	3 29
M23	23 24	15 44	3 53	19 39	2 15	22 10	1 39	20 39	3 27	6 43	1 14	16 16	0 50	5 15	0 40	6 59	0 56	22 3	1 45	2 36	2 26	9 0	16 10	3 29
T 24	23 24	17 35	4 32	19 54	2 8	21 56	1 40	20 44	3 30	6 46	1 14	16 17	0 50	5 15	0 40	6 59	0 56	22 3	1 45	2 32	2 25	8 59	16 9	3 29
W25	23 22	18 25	4 55	20 10	2 1	21 41	1 41	20 50	3 33	6 48	1 15	16 18	0 51	5 15	0 39	6 58	0 56	22 3	1 45	2 28	2 23	8 57	16 9	3 29
T 26	23 20	18 4	5 0	20 26	1 53	21 25	1 42	20 55	3 35	6 51	1 15	16 19	0 51	5 15	0 39	6 58	0 56	22 4	1 45	2 23	2 22	8 55	16 8	3 28
F 27	23 18	16 31	4 45	20 43	1 45	21 9	1 42	21 1	3 38	6 53	1 15	16 20	0 51	5 15	0 39	6 57	0 56	22 4	1 45	2 18	2 21	8 54	16 8	3 28
S 28	23 16	13 52	4 10	20 59	1 37	20 52	1 43	21 6	3 40	6 56	1 15	16 21	0 51	5 16	0 39	6 57	0 56	22 4	1 45	2 14	2 20	8 52	16 7	3 28
S 29	23 12	10 20	3 20	21 15	1 28	20 34	1 43	21 12	3 43	6 58	1 16	16 22	0 51	5 16	0 39	6 56	0 56	22 5	1 45	2 11	2 18	8 51	16 7	3 28
M30	23 9	6 13	2 17	21 30	1 20	20 16	1 44	21 18	3 45	7 0	1 16	16 23	0 51	5 16	0 39	6 56	0 56	22 5	1 45	2 9	2 17	8 49	16 7	3 28
T 31	23s 5	1s49	1n 6	21s45	1n12	19s57	1s44	21n25	3n48	7s 3	1n16	16n24	0n52	5n16	0s39	6s55	0s56	22n 5	1n46	2s 9	2s16	8n47	16n 6	3s28

Julian Day Number = 2518353.5, Delta T = 147.21 sec
Ecliptic obliquity = 23°24'46, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°17'47, Lahiri = 26°24'47

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2183
geocentric

JANUARY 2183 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 42 33	10♑27'24	6♈55	20♐ 9	9♒ 8	9°R37	21♎11	17°R24	14♈55	14♓36	28°R50	5°R24	5♎39	29♌35	27°R 2	W 1
T 2	6 46 30	11°28'32	20°40	21°28	10°22	9♌21	21°18	17♌21	14°56	14°37	28♋48	5♎24	5°36	29°42	27♉ 0	T 2
F 3	6 50 27	12°29'40	4♉ 9	22°49	11°37	9° 5	21°24	17°17	14°56	14°38	28°47	5°22	5°33	29°48	26°58	F 3
S 4	6 54 23	13°30'48	17°24	24°11	12°51	8°48	21°30	17°14	14°57	14°39	28°46	5°19	5°29	29°55	26°56	S 4
S 5	6 58 20	14°31'56	0♊27	25°35	14° 5	8°30	21°36	17°10	14°57	14°41	28°45	5°12	5°26	0♍ 2	26°54	S 5
M 6	7 2 16	15°33'04	13°18	26°59	15°19	8°11	21°41	17° 6	14°58	14°42	28°43	5° 2	5°23	0° 8	26°52	M 6
T 7	7 6 13	16°34'12	25°59	28°24	16°34	7°52	21°47	17° 2	14°59	14°44	28°42	4°50	5°20	0°15	26°50	T 7
W 8	7 10 9	17°35'19	8♋29	29°49	17°48	7°32	21°52	16°59	15° 0	14°45	28°41	4°36	5°17	0°22	26°48	W 8
T 9	7 14 6	18°36'27	20°49	1♑16	19° 2	7°12	21°58	16°55	15° 0	14°46	28°39	4°22	5°14	0°28	26°47	T 9
F 10	7 18 2	19°37'34	2♌59	2°43	20°16	6°51	22° 3	16°51	15° 1	14°48	28°38	4° 9	5°10	0°35	26°45	F 10
S 11	7 21 59	20°38'42	15° 0	4°10	21°30	6°29	22° 8	16°46	15° 2	14°49	28°37	3°58	5° 7	0°42	26°43	S 11
S 12	7 25 56	21°39'49	26°54	5°39	22°44	6° 8	22°12	16°42	15° 3	14°51	28°36	3°49	5° 4	0°48	26°42	S 12
M13	7 29 52	22°40'56	8♍42	7° 8	23°58	5°45	22°17	16°38	15° 4	14°52	28°34	3°43	5° 1	0°55	26°40	M13
T 14	7 33 49	23°42'03	20°29	8°37	25°12	5°23	22°21	16°34	15° 5	14°54	28°33	3°40	4°58	1° 2	26°39	T 14
W15	7 37 45	24°43'10	2♎19	10° 7	26°26	5° 0	22°26	16°30	15° 6	14°56	28°32	3°D39	4°54	1° 9	26°38	W15
T 16	7 41 42	25°44'17	14°16	11°37	27°40	4°36	22°30	16°25	15° 7	14°57	28°30	3°40	4°51	1°15	26°36	T 16
F 17	7 45 38	26°45'24	26°26	13° 8	28°54	4°13	22°33	16°21	15° 9	14°59	28°29	3°R40	4°48	1°22	26°35	F 17
S 18	7 49 35	27°46'30	8♏54	14°40	0♓ 8	3°49	22°37	16°16	15°10	15° 0	28°28	3°39	4°45	1°29	26°34	S 18
S 19	7 53 31	28°47'37	21°46	16°12	1°21	3°25	22°41	16°12	15°11	15° 2	28°26	3°37	4°42	1°35	26°33	S 19
M20	7 57 28	29°48'43	5♐ 5	17°45	2°35	3° 1	22°44	16° 7	15°12	15° 4	28°25	3°32	4°39	1°42	26°32	M20
T 21	8 1 25	0♒49'50	18°53	19°18	3°49	2°37	22°47	16° 2	15°14	15° 6	28°24	3°25	4°35	1°49	26°31	T 21
W22	8 5 21	1°50'56	3♑11	20°51	5° 2	2°13	22°50	15°58	15°15	15° 7	28°22	3°15	4°32	1°55	26°30	W22
T 23	8 9 18	2°52'01	17°53	22°26	6°16	1°49	22°53	15°53	15°17	15° 9	28°21	3° 5	4°29	2° 2	26°29	T 23
F 24	8 13 14	3°53'06	2♒54	24° 0	7°30	1°25	22°56	15°48	15°18	15°11	28°20	2°56	4°26	2° 9	26°29	F 24
S 25	8 17 11	4°54'10	18° 2	25°36	8°43	1° 1	22°58	15°44	15°20	15°13	28°18	2°48	4°23	2°15	26°28	S 25
S 26	8 21 7	5°55'14	3♓ 9	27°11	9°57	0°37	23° 0	15°39	15°22	15°15	28°17	2°42	4°20	2°22	26°27	S 26
M27	8 25 4	6°56'16	18° 5	28°48	11°10	0°14	23° 3	15°34	15°23	15°17	28°16	2°39	4°16	2°29	26°27	M27
T 28	8 29 0	7°57'18	2♈42	0♒25	12°23	29♋51	23° 4	15°29	15°25	15°18	28°15	2°D38	4°13	2°35	26°26	T 28
W29	8 32 57	8°58'18	16°58	2° 3	13°37	29°28	23° 6	15°24	15°27	15°20	28°13	2°38	4°10	2°42	26°26	W29
T 30	8 36 54	9°59'18	0♉50	3°41	14°50	29° 6	23° 8	15°19	15°29	15°22	28°12	2°39	4° 7	2°49	26°25	T 30
F 31	8 40 50	11♒ 0'16	14♉20	5♒20	16♓ 3	28♋44	23♎ 9	15♌15	15♈30	15♓24	28♋11	2°R40	4♎ 4	2♍55	26♉25	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23s 0	2n37	0s 8	21s59	1n 4	19s38	1s45	21n31	3n50	7s 5	1n16	16n25	0n52	5n16	0s39	6s55	0s56	22n 6	1n46	2s 9	2s14	8n46	16n 6	3s28
T 2	22 55	6 50	1 20	22 13	0 55	19 18	1 45	21 38	3 53	7 7	1 16	16 27	0 52	5 16	0 39	6 54	0 56	22 6	1 46	2 9	2 13	8 44	16 5	3 28
F 3	22 50	10 36	2 26	22 26	0 47	18 58	1 45	21 44	3 55	7 9	1 17	16 28	0 52	5 17	0 39	6 54	0 56	22 6	1 46	2 8	2 12	8 42	16 5	3 28
S 4	22 44	13 46	3 23	22 38	0 39	18 37	1 45	21 51	3 57	7 11	1 17	16 29	0 52	5 17	0 39	6 53	0 56	22 7	1 46	2 6	2 11	8 41	16 5	3 28
S 5	22 37	16 11	4 8	22 50	0 31	18 16	1 45	21 58	3 59	7 13	1 17	16 30	0 52	5 17	0 39	6 53	0 56	22 7	1 46	2 4	2 9	8 39	16 4	3 28
M 6	22 30	17 45	4 40	23 0	0 23	17 54	1 45	22 5	4 2	7 15	1 17	16 32	0 53	5 17	0 39	6 52	0 56	22 7	1 46	2 0	2 8	8 37	16 4	3 28
T 7	22 23	18 24	4 57	23 9	0 15	17 31	1 45	22 12	4 4	7 17	1 18	16 33	0 53	5 18	0 39	6 52	0 56	22 8	1 46	1 55	2 7	8 36	16 4	3 28
W 8	22 15	18 9	5 0	23 18	0 7	17 9	1 45	22 19	4 6	7 19	1 18	16 34	0 53	5 18	0 39	6 51	0 56	22 8	1 46	1 50	2 6	8 34	16 3	3 28
T 9	22 7	17 3	4 48	23 25	0s 1	16 45	1 44	22 26	4 8	7 20	1 18	16 36	0 53	5 18	0 39	6 51	0 56	22 8	1 46	1 44	2 4	8 32	16 3	3 27
F 10	21 59	15 11	4 24	23 31	0 8	16 21	1 44	22 34	4 9	7 22	1 18	16 37	0 53	5 19	0 39	6 50	0 56	22 9	1 46	1 39	2 3	8 31	16 3	3 27
S 11	21 50	12 41	3 48	23 36	0 16	15 57	1 43	22 41	4 11	7 24	1 18	16 38	0 53	5 19	0 39	6 50	0 56	22 9	1 46	1 34	2 2	8 29	16 2	3 27
S 12	21 40	9 41	3 2	23 40	0 23	15 33	1 43	22 48	4 13	7 25	1 19	16 40	0 53	5 20	0 39	6 49	0 56	22 9	1 46	1 31	2 1	8 28	16 2	3 27
M13	21 30	6 19	2 9	23 43	0 30	15 7	1 42	22 55	4 14	7 27	1 19	16 41	0 54	5 20	0 39	6 48	0 56	22 10	1 47	1 29	1 59	8 26	16 2	3 27
T 14	21 20	2 42	1 10	23 45	0 37	14 42	1 42	23 2	4 16	7 28	1 19	16 43	0 54	5 20	0 39	6 48	0 56	22 10	1 47	1 27	1 58	8 24	16 2	3 27
W15	21 9	1s 2	0 7	23 45	0 43	14 16	1 41	23 9	4 17	7 29	1 19	16 44	0 54	5 21	0 39	6 47	0 55	22 10	1 47	1 27	1 57	8 23	16 2	3 27
T 16	20 58	4 45	0n56	23 44	0 50	13 50	1 40	23 16	4 19	7 31	1 20	16 45	0 54	5 21	0 39	6 46	0 55	22 11	1 47	1 27	1 56	8 21	16 1	3 27
F 17	20 47	8 21	1 58	23 42	0 56	13 23	1 39	23 23	4 20	7 32	1 20	16 47	0 54	5 22	0 39	6 46	0 55	22 11	1 47	1 27	1 54	8 19	16 1	3 27
S 18	20 35	11 40	2 56	23 38	1 2	12 56	1 38	23 30	4 21	7 33	1 20	16 48	0 54	5 22	0 39	6 45	0 55	22 11	1 47	1 27	1 53	8 18	16 1	3 26
S 19	20 23	14 31	3 47	23 33	1 8	12 29	1 37	23 37	4 22	7 34	1 20	16 50	0 54	5 23	0 39	6 44	0 55	22 12	1 47	1 26	1 52	8 16	16 1	3 26
M20	20 10	16 43	4 28	23 27	1 14	12 2	1 35	23 43	4 23	7 35	1 21	16 51	0 55	5 23	0 39	6 44	0 55	22 12	1 47	1 24	1 51	8 14	16 1	3 26
T 21	19 57	18 3	4 55	23 20	1 19	11 34	1 34	23 50	4 23	7 36	1 21	16 53	0 55	5 24	0 38	6 43	0 55	22 12	1 47	1 21	1 49	8 13	16 1	3 26
W22	19 44	18 18	5 4	23 11	1 24	11 6	1 33	23 56	4 24	7 37	1 21	16 54	0 55	5 25	0 38	6 42	0 55	22 13	1 47	1 18	1 48	8 11	16 1	3 26
T 23	19 30	17 21	4 54	23 1	1 29	10 37	1 31	24 2	4 25	7 38	1 21	16 56	0 55	5 25	0 38	6 42	0 55	22 13	1 47	1 14	1 47	8 9	16 1	3 26
F 24	19 16	15 12	4 24	22 49	1 33	10 8	1 30	24 8	4 25	7 38	1 22	16 57	0 55	5 26	0 38	6 41	0 55	22 13	1 47	1 10	1 46	8 8	16 0	3 26
S 25	19 1	11 59	3 35	22 36	1 38	9 39	1 28	24 13	4 25	7 39	1 22	16 59	0 55	5 26	0 38	6 40	0 55	22 14	1 47	1 7	1 44	8 6	16 0	3 26
S 26	18 46	7 59	2 31	22 22	1 42	9 10	1 26	24 19	4 25	7 40	1 22	17 1	0 55	5 27	0 38	6 40	0 55	22 14	1 47	1 4	1 43	8 4	16 0	3 25
M27	18 31	3 31	1 17	22 6	1 46	8 41	1 25	24 24	4 26	7 40	1 22	17 2	0 55	5 28	0 38	6 39	0 55	22 14	1 47	1 3	1 42	8 3	16 0	3 25
T 28	18 16	1n 4	0s 0	21 49	1 49	8 11	1 23	24 29	4 26	7 41	1 23	17 4	0 56	5 29	0 38	6 38	0 55	22 15	1 48	1 3	1 41	8 1	16 0	3 25
W29	18 0	5 29	1 16	21 30	1 52	7 41	1 21	24 34	4 25	7 41	1 23	17 5	0 56	5 29	0 38	6 37	0 55	22 15	1 48	1 3	1 39	7 59	16 0	3 25
T 30	17 43	9 28	2 26	21 10	1 55	7 11	1 19	24 38	4 25	7 41	1 23	17 7	0 56	5 30	0 38	6 37	0 55	22 15	1 48	1 3	1 38	7 58	16 1	3 25
F 31	17s27	12n51	3s25	20s49	1s58	6s41	1s17	24n43	4n25	7s42	1n23	17n 8	0n56	5n31	0s38	6s36	0s55	22n16	1n48	1s 3	1s37	7n56	16n 1	3s25

Julian Day Number = 2518384.5, Delta T = 147.29 sec
Ecliptic obliquity = 23°24'46, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°17'51, Lahiri = 26°24'52

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2183
geocentric

FEBRUARY 2183 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 44 47	12♒ 1'13	27♉29	6♒59	17♓16	28°R22	23♎10	15°R10	15♈32	15♓26	28°R 9	2°R38	4♎ 0	3♍ 2	26°R25	S 1
S 2	8 48 43	13° 2'09	10♊21	8°40	18°29	28♋ 1	23°11	15♌ 5	15°34	15°28	28♋ 8	2♎35	3°57	3° 9	26♉25	S 2
M 3	8 52 40	14° 3'04	22°59	10°21	19°42	27°40	23°12	15° 0	15°36	15°30	28° 7	2°29	3°54	3°15	26°25	M 3
T 4	8 56 36	15° 3'57	5♋24	12° 2	20°55	27°20	23°12	14°55	15°38	15°32	28° 6	2°21	3°51	3°22	26°D25	T 4
W 5	9 0 33	16° 4'49	17°39	13°45	22° 8	27° 1	23°13	14°50	15°40	15°34	28° 4	2°13	3°48	3°29	26°25	W 5
T 6	9 4 29	17° 5'40	29°45	15°28	23°21	26°42	23°13	14°45	15°42	15°36	28° 3	2° 4	3°45	3°35	26°25	T 6
F 7	9 8 26	18° 6'30	11♌45	17°11	24°33	26°24	23°R13	14°40	15°45	15°38	28° 2	1°55	3°41	3°42	26°25	F 7
S 8	9 12 23	19° 7'19	23°39	18°56	25°46	26° 6	23°13	14°35	15°47	15°40	28° 1	1°48	3°38	3°49	26°25	S 8
S 9	9 16 19	20° 8'07	5♍29	20°41	26°58	25°49	23°13	14°31	15°49	15°42	28° 0	1°42	3°35	3°55	26°26	S 9
M10	9 20 16	21° 8'53	17°17	22°27	28°11	25°33	23°12	14°26	15°51	15°45	27°58	1°39	3°32	4° 2	26°26	M10
T 11	9 24 12	22° 9'38	29° 5	24°14	29°23	25°18	23°11	14°21	15°54	15°47	27°57	1°D38	3°29	4° 8	26°27	T 11
W12	9 28 9	23°10'22	10♎57	26° 1	0♈35	25° 3	23°10	14°16	15°56	15°49	27°56	1°38	3°25	4°15	26°27	W12
T 13	9 32 5	24°11'06	22°56	27°49	1°48	24°49	23° 9	14°11	15°58	15°51	27°55	1°40	3°22	4°22	26°28	T 13
F 14	9 36 2	25°11'48	5♏ 6	29°38	3° 0	24°36	23° 8	14° 6	16° 1	15°53	27°54	1°41	3°19	4°28	26°28	F 14
S 15	9 39 58	26°12'29	17°32	1♓27	4°12	24°23	23° 6	14° 2	16° 3	15°55	27°53	1°43	3°16	4°35	26°29	S 15
S 16	9 43 55	27°13'09	0♐19	3°16	5°24	24°11	23° 5	13°57	16° 6	15°57	27°51	1°R43	3°13	4°42	26°30	S 16
M17	9 47 52	28°13'48	13°31	5° 6	6°35	24° 0	23° 3	13°52	16° 8	16° 0	27°50	1°42	3°10	4°48	26°31	M17
T 18	9 51 48	29°14'25	27°10	6°57	7°47	23°50	23° 1	13°48	16°11	16° 2	27°49	1°39	3° 6	4°55	26°32	T 18
W19	9 55 45	0♓15'02	11♑18	8°47	8°59	23°41	22°59	13°43	16°13	16° 4	27°48	1°36	3° 3	5° 2	26°33	W19
T 20	9 59 41	1°15'38	25°53	10°38	10°10	23°32	22°56	13°38	16°16	16° 6	27°47	1°31	3° 0	5° 8	26°34	T 20
F 21	10 3 38	2°16'12	10♒51	12°28	11°22	23°25	22°54	13°34	16°19	16° 8	27°46	1°27	2°57	5°15	26°35	F 21
S 22	10 7 34	3°16'44	26° 2	14°18	12°33	23°18	22°51	13°29	16°21	16°11	27°45	1°23	2°54	5°22	26°36	S 22
S 23	10 11 31	4°17'16	11♓18	16° 7	13°45	23°12	22°48	13°25	16°24	16°13	27°44	1°20	2°51	5°28	26°37	S 23
M24	10 15 27	5°17'45	26°28	17°55	14°56	23° 6	22°45	13°21	16°27	16°15	27°43	1°D19	2°47	5°35	26°39	M24
T 25	10 19 24	6°18'13	11♈22	19°42	16° 7	23° 2	22°41	13°16	16°30	16°17	27°42	1°19	2°44	5°42	26°40	T 25
W26	10 23 20	7°18'39	25°55	21°27	17°18	22°58	22°38	13°12	16°32	16°20	27°41	1°20	2°41	5°48	26°41	W26
T 27	10 27 17	8°19'03	10♉ 2	23° 9	18°29	22°55	22°34	13° 8	16°35	16°22	27°40	1°22	2°38	5°55	26°43	T 27
F 28	10 31 14	9♓19'25	23♉43	24♓50	19♈39	22♋53	22♎30	13♌ 4	16♈38	16♓24	27♋39	1♎23	2♎35	6♍ 2	26♉45	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	17s10	15n29	4s12	20s26	2s 0	6s10	1s15	24n47	4n24	7s42	1n24	17n10	0n56	5n31	0s38	6s35	0s55	22n16	1n48	1s 3	1s35	7n54	16n 1	3s25	S 1
S 2	16 53	17 16	4 45	20 2	2 2	5 40	1 12	24 50	4 24	7 42	1 24	17 11	0 56	5 32	0 38	6 34	0 55	22 16	1 48	1 1	1 34	7 53	16 1	3 25	S 2
M 3	16 36	18 11	5 3	19 36	2 3	5 9	1 10	24 54	4 23	7 42	1 24	17 13	0 56	5 33	0 38	6 34	0 55	22 17	1 48	0 59	1 33	7 51	16 1	3 24	M 3
T 4	16 18	18 11	5 7	19 9	2 4	4 38	1 8	24 57	4 22	7 42	1 24	17 14	0 56	5 34	0 38	6 33	0 55	22 17	1 48	0 56	1 32	7 49	16 1	3 24	T 4
W 5	16 0	17 21	4 57	18 41	2 5	4 7	1 5	25 0	4 22	7 42	1 25	17 16	0 56	5 35	0 38	6 32	0 55	22 17	1 48	0 53	1 30	7 48	16 1	3 24	W 5
T 6	15 42	15 44	4 33	18 11	2 5	3 36	1 3	25 3	4 21	7 42	1 25	17 18	0 57	5 36	0 38	6 31	0 55	22 18	1 48	0 49	1 29	7 46	16 1	3 24	T 6
F 7	15 23	13 27	3 57	17 39	2 5	3 5	1 0	25 6	4 20	7 42	1 25	17 19	0 57	5 36	0 38	6 30	0 55	22 18	1 48	0 46	1 28	7 44	16 1	3 24	F 7
S 8	15 4	10 37	3 11	17 6	2 5	2 33	0 57	25 8	4 19	7 41	1 25	17 21	0 57	5 37	0 38	6 30	0 55	22 18	1 48	0 43	1 27	7 43	16 2	3 24	S 8
S 9	14 45	7 22	2 17	16 32	2 4	2 2	0 54	25 10	4 18	7 41	1 26	17 22	0 57	5 38	0 38	6 29	0 55	22 18	1 48	0 41	1 25	7 41	16 2	3 24	S 9
M10	14 26	3 50	1 17	15 56	2 2	1 31	0 52	25 12	4 16	7 41	1 26	17 24	0 57	5 39	0 38	6 28	0 55	22 19	1 48	0 39	1 24	7 39	16 2	3 23	M10
T 11	14 7	0 9	0 14	15 19	2 0	0 59	0 49	25 14	4 15	7 40	1 26	17 25	0 57	5 40	0 38	6 27	0 55	22 19	1 48	0 39	1 23	7 38	16 2	3 23	T 11
W12	13 47	3s33	0n51	14 40	1 58	0 28	0 46	25 15	4 14	7 39	1 26	17 27	0 57	5 41	0 38	6 26	0 55	22 19	1 48	0 39	1 22	7 36	16 3	3 23	W12
T 13	13 27	7 9	1 54	14 1	1 54	0n 4	0 43	25 17	4 12	7 39	1 27	17 28	0 57	5 42	0 38	6 25	0 55	22 20	1 48	0 40	1 20	7 34	16 3	3 23	T 13
F 14	13 7	10 30	2 53	13 19	1 51	0 35	0 40	25 18	4 11	7 38	1 27	17 29	0 57	5 43	0 38	6 25	0 55	22 20	1 48	0 40	1 19	7 32	16 3	3 23	F 14
S 15	12 46	13 27	3 45	12 37	1 47	1 6	0 36	25 18	4 9	7 37	1 27	17 31	0 57	5 44	0 38	6 24	0 55	22 20	1 48	0 41	1 18	7 31	16 3	3 23	S 15
S 16	12 25	15 50	4 27	11 53	1 42	1 38	0 33	25 19	4 8	7 36	1 27	17 32	0 57	5 45	0 38	6 23	0 55	22 20	1 49	0 41	1 17	7 29	16 4	3 23	S 16
M17	12 5	17 28	4 58	11 8	1 37	2 9	0 30	25 19	4 6	7 36	1 28	17 34	0 57	5 46	0 38	6 22	0 55	22 21	1 49	0 40	1 15	7 27	16 4	3 23	M17
T 18	11 44	18 11	5 12	10 21	1 31	2 41	0 27	25 20	4 5	7 35	1 28	17 35	0 58	5 47	0 38	6 21	0 55	22 21	1 49	0 39	1 14	7 26	16 4	3 22	T 18
W19	11 22	17 48	5 9	9 34	1 24	3 12	0 23	25 20	4 3	7 34	1 28	17 37	0 58	5 48	0 38	6 20	0 55	22 21	1 49	0 38	1 13	7 24	16 5	3 22	W19
T 20	11 1	16 16	4 45	8 46	1 17	3 43	0 20	25 19	4 1	7 32	1 28	17 38	0 58	5 49	0 38	6 19	0 55	22 21	1 49	0 36	1 12	7 22	16 5	3 22	T 20
F 21	10 39	13 36	4 2	7 57	1 9	4 15	0 16	25 19	3 59	7 31	1 29	17 39	0 58	5 50	0 37	6 19	0 55	22 22	1 49	0 34	1 10	7 21	16 6	3 22	F 21
S 22	10 18	9 58	3 2	7 7	1 1	4 46	0 13	25 18	3 58	7 30	1 29	17 41	0 58	5 51	0 37	6 18	0 55	22 22	1 49	0 33	1 9	7 19	16 6	3 22	S 22
S 23	9 56	5 39	1 48	6 16	0 52	5 17	0 9	25 18	3 56	7 29	1 29	17 42	0 58	5 52	0 37	6 17	0 55	22 22	1 49	0 32	1 8	7 17	16 6	3 22	S 23
M24	9 34	1 0	0 27	5 25	0 42	5 48	0 5	25 17	3 54	7 27	1 29	17 43	0 58	5 53	0 37	6 16	0 55	22 22	1 49	0 31	1 6	7 16	16 7	3 22	M24
T 25	9 11	3n39	0s55	4 33	0 31	6 18	0 2	25 16	3 52	7 26	1 29	17 45	0 58	5 54	0 37	6 15	0 55	22 23	1 49	0 32	1 5	7 14	16 7	3 21	T 25
W26	8 49	7 57	2 11	3 42	0 20	6 49	0n 2	25 15	3 50	7 24	1 30	17 46	0 58	5 55	0 37	6 14	0 55	22 23	1 49	0 32	1 4	7 12	16 8	3 21	W26
T 27	8 27	11 41	3 18	2 51	0 9	7 20	0 6	25 13	3 48	7 23	1 30	17 47	0 58	5 56	0 37	6 13	0 55	22 23	1 49	0 33	1 3	7 10	16 8	3 21	T 27
F 28	8s 4	14n38	4s10	2s 0	0n 4	7n50	0n10	25n12	3n46	7s21	1n30	17n48	0n58	5n57	0s37	6s13	0s55	22n23	1n49	0s33	1s 1	7n 9	16n 9	3s21	F 28

Julian Day Number = 2518415.5, Delta T = 147.36 sec
Ecliptic obliquity = 23°24'46, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°17'56, Lahiri = 26°24'56

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2183
geocentric

MARCH 2183 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 35 10	10♓19'46	6♊58	26♓26	20♈50	22°R51	22°R26	13°R 0	16♈41	16♓26	27°R38	1°R24	2♎31	6♍ 8	26♉46	S 1
S 2	10 39 7	11°20'04	19°50	28° 0	22° 0	22°D51	22♎22	12♌55	16°44	16°29	27♋37	1♎24	2°28	6°15	26°48	S 2
M 3	10 43 3	12°20'20	2♋24	29°28	23°11	22♋51	22°18	12°52	16°47	16°31	27°36	1°23	2°25	6°22	26°50	M 3
T 4	10 47 0	13°20'35	14°42	0♈52	24°21	22°52	22°13	12°48	16°50	16°33	27°35	1°21	2°22	6°28	26°51	T 4
W 5	10 50 56	14°20'47	26°48	2°10	25°31	22°53	22° 8	12°44	16°53	16°36	27°35	1°18	2°19	6°35	26°53	W 5
T 6	10 54 53	15°20'57	8♌45	3°22	26°41	22°55	22° 4	12°40	16°56	16°38	27°34	1°15	2°16	6°42	26°55	T 6
F 7	10 58 49	16°21'06	20°37	4°28	27°51	22°58	21°59	12°36	16°59	16°40	27°33	1°13	2°12	6°48	26°57	F 7
S 8	11 2 46	17°21'12	2♍26	5°26	29° 0	23° 2	21°53	12°33	17° 2	16°42	27°32	1°11	2° 9	6°55	26°59	S 8
S 9	11 6 43	18°21'17	14°15	6°16	0♉10	23° 6	21°48	12°29	17° 5	16°45	27°31	1°10	2° 6	7° 2	27° 1	S 9
M10	11 10 39	19°21'19	26° 5	6°58	1°19	23°11	21°43	12°26	17° 8	16°47	27°31	1°D 9	2° 3	7° 8	27° 4	M10
T 11	11 14 36	20°21'20	7♎58	7°32	2°28	23°17	21°37	12°23	17°11	16°49	27°30	1° 9	2° 0	7°15	27° 6	T 11
W12	11 18 32	21°21'19	19°57	7°57	3°37	23°23	21°31	12°19	17°14	16°51	27°29	1°10	1°57	7°22	27° 8	W12
T 13	11 22 29	22°21'16	2♏ 5	8°13	4°46	23°30	21°26	12°16	17°18	16°54	27°29	1°10	1°53	7°28	27°10	T 13
F 14	11 26 25	23°21'12	14°23	8°R20	5°55	23°38	21°20	12°13	17°21	16°56	27°28	1°11	1°50	7°35	27°13	F 14
S 15	11 30 22	24°21'06	26°55	8°18	7° 3	23°46	21°13	12°10	17°24	16°58	27°27	1°12	1°47	7°42	27°15	S 15
S 16	11 34 18	25°20'58	9♐44	8° 8	8°12	23°55	21° 7	12° 7	17°27	17° 1	27°27	1°13	1°44	7°48	27°18	S 16
M17	11 38 15	26°20'49	22°53	7°49	9°20	24° 4	21° 1	12° 4	17°30	17° 3	27°26	1°R13	1°41	7°55	27°20	M17
T 18	11 42 12	27°20'38	6♑24	7°23	10°28	24°14	20°54	12° 2	17°34	17° 5	27°25	1°13	1°37	8° 2	27°23	T 18
W19	11 46 8	28°20'25	20°19	6°50	11°36	24°25	20°48	11°59	17°37	17° 7	27°25	1°13	1°34	8° 8	27°26	W19
T 20	11 50 5	29°20'11	4♒38	6°10	12°43	24°36	20°41	11°56	17°40	17°10	27°24	1°12	1°31	8°15	27°28	T 20
F 21	11 54 1	0♈19'55	19°18	5°25	13°51	24°47	20°34	11°54	17°44	17°12	27°24	1°12	1°28	8°22	27°31	F 21
S 22	11 57 58	1°19'37	4♓14	4°36	14°58	25° 0	20°28	11°52	17°47	17°14	27°23	1°D12	1°25	8°28	27°34	S 22
S 23	12 1 54	2°19'17	19°20	3°44	16° 5	25°12	20°21	11°49	17°50	17°16	27°23	1°12	1°22	8°35	27°37	S 23
M24	12 5 51	3°18'56	4♈26	2°50	17°12	25°25	20°14	11°47	17°54	17°18	27°22	1°R12	1°18	8°42	27°40	M24
T 25	12 9 47	4°18'32	19°23	1°55	18°19	25°39	20° 6	11°45	17°57	17°21	27°22	1°12	1°15	8°48	27°43	T 25
W26	12 13 44	5°18'06	4♉ 3	1° 1	19°25	25°53	19°59	11°43	18° 0	17°23	27°22	1°12	1°12	8°55	27°46	W26
T 27	12 17 40	6°17'38	18°21	0° 9	20°32	26° 8	19°52	11°41	18° 4	17°25	27°21	1°11	1° 9	9° 1	27°49	T 27
F 28	12 21 37	7°17'08	2♊12	29♓18	21°38	26°23	19°45	11°40	18° 7	17°27	27°21	1°11	1° 6	9° 8	27°52	F 28
S 29	12 25 34	8°16'36	15°37	28°32	22°43	26°39	19°37	11°38	18°10	17°29	27°21	1°10	1° 2	9°15	27°55	S 29
S 30	12 29 30	9°16'01	28°36	27°49	23°49	26°55	19°30	11°37	18°14	17°32	27°20	1° 9	0°59	9°21	27°58	S 30
M31	12 33 27	10♈15'24	11♋12	27♓11	24♉54	27♋11	19♎22	11♌35	18♈17	17♓34	27♋20	1°D 9	0♎56	9♍28	28♉ 1	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s41	16n43	4s48	1s10	0n17	8n20	0n14	25n10	3n45	7s20	1n30	17n50	0n58	5n59	0s37	6s12	0s55	22n24	1n49	0s33	1s 0	7n 7	16n 9	3s21
S 2	7 18	17 53	5 9	0 21	0 30	8 50	0 18	25 8	3 43	7 18	1 30	17 51	0 58	6 0	0 37	6 11	0 55	22 24	1 49	0 33	0 59	7 5	16 10	3 21
M 3	6 55	18 8	5 16	0n27	0 43	9 20	0 22	25 6	3 41	7 16	1 31	17 52	0 58	6 1	0 37	6 10	0 55	22 24	1 49	0 33	0 58	7 4	16 10	3 21
T 4	6 32	17 31	5 7	1 13	0 57	9 49	0 26	25 4	3 39	7 14	1 31	17 53	0 58	6 2	0 37	6 9	0 55	22 24	1 49	0 32	0 56	7 2	16 11	3 21
W 5	6 9	16 6	4 45	1 57	1 11	10 19	0 30	25 2	3 37	7 12	1 31	17 54	0 58	6 3	0 37	6 8	0 55	22 24	1 49	0 31	0 55	7 0	16 11	3 20
T 6	5 46	14 1	4 11	2 39	1 26	10 48	0 34	25 0	3 35	7 10	1 31	17 55	0 58	6 4	0 37	6 7	0 55	22 25	1 49	0 30	0 54	6 59	16 12	3 20
F 7	5 23	11 20	3 26	3 18	1 40	11 17	0 38	24 57	3 33	7 8	1 31	17 56	0 58	6 6	0 37	6 6	0 55	22 25	1 49	0 29	0 53	6 57	16 12	3 20
S 8	4 59	8 13	2 33	3 54	1 54	11 46	0 42	24 55	3 31	7 6	1 32	17 57	0 58	6 7	0 37	6 5	0 55	22 25	1 49	0 28	0 51	6 55	16 13	3 20
S 9	4 36	4 46	1 32	4 26	2 7	12 14	0 46	24 52	3 29	7 4	1 32	17 58	0 58	6 8	0 37	6 5	0 55	22 25	1 49	0 28	0 50	6 53	16 14	3 20
M10	4 13	1 8	0 28	4 55	2 21	12 42	0 50	24 50	3 27	7 2	1 32	17 59	0 58	6 9	0 37	6 4	0 55	22 25	1 49	0 27	0 49	6 52	16 14	3 20
T 11	3 49	2s35	0n38	5 20	2 33	13 10	0 54	24 47	3 25	7 0	1 32	18 0	0 59	6 10	0 37	6 3	0 55	22 26	1 49	0 27	0 48	6 50	16 15	3 20
W12	3 25	6 13	1 43	5 41	2 45	13 38	0 58	24 44	3 23	6 57	1 32	18 1	0 59	6 12	0 37	6 2	0 55	22 26	1 49	0 28	0 46	6 48	16 15	3 20
T 13	3 2	9 37	2 44	5 57	2 56	14 5	1 3	24 41	3 21	6 55	1 32	18 2	0 59	6 13	0 37	6 1	0 55	22 26	1 49	0 28	0 45	6 47	16 16	3 20
F 14	2 38	12 40	3 38	6 9	3 6	14 32	1 7	24 37	3 20	6 53	1 33	18 3	0 59	6 14	0 37	6 0	0 55	22 26	1 49	0 28	0 44	6 45	16 17	3 19
S 15	2 14	15 11	4 23	6 16	3 15	14 58	1 11	24 34	3 18	6 50	1 33	18 4	0 59	6 15	0 37	5 59	0 55	22 26	1 49	0 29	0 42	6 43	16 17	3 19
S 16	1 51	17 0	4 56	6 19	3 22	15 25	1 15	24 31	3 16	6 48	1 33	18 5	0 59	6 17	0 37	5 59	0 55	22 26	1 50	0 29	0 41	6 41	16 18	3 19
M17	1 27	17 59	5 15	6 16	3 27	15 51	1 20	24 27	3 14	6 45	1 33	18 6	0 59	6 18	0 37	5 58	0 55	22 26	1 50	0 29	0 40	6 40	16 19	3 19
T 18	1 3	17 59	5 17	6 10	3 31	16 16	1 24	24 24	3 12	6 43	1 33	18 6	0 59	6 19	0 37	5 57	0 55	22 27	1 50	0 29	0 39	6 38	16 19	3 19
W19	0 40	16 55	5 1	5 58	3 33	16 41	1 28	24 20	3 10	6 40	1 33	18 7	0 59	6 20	0 37	5 56	0 55	22 27	1 50	0 29	0 37	6 36	16 20	3 19
T 20	0 16	14 47	4 26	5 43	3 33	17 6	1 32	24 16	3 8	6 38	1 33	18 8	0 59	6 22	0 37	5 55	0 55	22 27	1 50	0 29	0 36	6 35	16 21	3 19
F 21	0n 8	11 39	3 33	5 23	3 32	17 31	1 36	24 12	3 6	6 35	1 33	18 9	0 59	6 23	0 37	5 54	0 55	22 27	1 50	0 29	0 35	6 33	16 21	3 19
S 22	0 32	7 42	2 25	5 1	3 28	17 55	1 41	24 8	3 5	6 32	1 34	18 9	0 59	6 24	0 37	5 53	0 55	22 27	1 50	0 29	0 34	6 31	16 22	3 19
S 23	0 55	3 13	1 6	4 35	3 22	18 19	1 45	24 4	3 3	6 30	1 34	18 10	0 59	6 25	0 37	5 52	0 55	22 27	1 50	0 29	0 32	6 29	16 23	3 19
M24	1 19	1n29	0s18	4 7	3 15	18 42	1 49	24 0	3 1	6 27	1 34	18 10	0 59	6 27	0 37	5 52	0 55	22 27	1 50	0 29	0 31	6 28	16 24	3 18
T 25	1 43	6 2	1 39	3 37	3 6	19 5	1 53	23 55	2 59	6 24	1 34	18 11	0 59	6 28	0 37	5 51	0 56	22 27	1 50	0 29	0 30	6 26	16 24	3 18
W26	2 6	10 9	2 53	3 5	2 55	19 27	1 57	23 51	2 57	6 21	1 34	18 12	0 59	6 29	0 37	5 50	0 56	22 28	1 50	0 29	0 29	6 24	16 25	3 18
T 27	2 30	13 32	3 53	2 33	2 44	19 49	2 2	23 46	2 56	6 19	1 34	18 12	0 59	6 31	0 37	5 49	0 56	22 28	1 50	0 28	0 27	6 23	16 26	3 18
F 28	2 53	16 2	4 38	2 2	2 30	20 10	2 6	23 42	2 54	6 16	1 34	18 13	0 59	6 32	0 37	5 48	0 56	22 28	1 50	0 28	0 26	6 21	16 27	3 18
S 29	3 17	17 34	5 6	1 30	2 16	20 31	2 10	23 37	2 52	6 13	1 34	18 13	0 59	6 33	0 37	5 47	0 56	22 28	1 50	0 28	0 25	6 19	16 27	3 18
S 30	3 40	18 7	5 17	1 0	2 2	20 52	2 14	23 32	2 50	6 10	1 34	18 13	0 59	6 34	0 37	5 47	0 56	22 28	1 50	0 28	0 24	6 17	16 28	3 18
M31	4n 3	17n45	5s13	0n30	1n46	21n12	2n18	23n27	2n49	6s 7	1n34	18n14	0n59	6n36	0s37	5s46	0s56	22n28	1n50	0s28	0s22	6n16	16n29	3s18

Julian Day Number = 2518443.5, Delta T = 147.43 sec
Ecliptic obliquity = 23°24'47, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°17'59, Lahiri = 26°25'00

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2183
geocentric

APRIL 2183 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 37 23	11♈14'45	23♋30	26°R38	25♉59	27♋28	19°R15	11°R34	18♈21	17♓36	27°R20	1♎10	0♎53	9♍35	28♉ 5	T 1
W 2	12 41 20	12°14'04	5♌34	26♓10	27° 4	27°46	19♎ 7	11♌33	18°24	17°38	27♋20	1°10	0°50	9°41	28° 8	W 2
T 3	12 45 16	13°13'20	17°28	25°48	28° 9	28° 3	19° 0	11°32	18°27	17°40	27°19	1°11	0°47	9°48	28°11	T 3
F 4	12 49 13	14°12'34	29°17	25°32	29°13	28°21	18°52	11°31	18°31	17°42	27°19	1°13	0°43	9°55	28°15	F 4
S 5	12 53 9	15°11'45	11♍ 4	25°22	0♊17	28°40	18°44	11°30	18°34	17°44	27°19	1°14	0°40	10° 1	28°18	S 5
S 6	12 57 6	16°10'55	22°54	25°D17	1°20	28°59	18°36	11°29	18°38	17°46	27°19	1°15	0°37	10° 8	28°22	S 6
M 7	13 1 3	17°10'02	4♎49	25°18	2°24	29°18	18°29	11°28	18°41	17°48	27°19	1°R15	0°34	10°15	28°25	M 7
T 8	13 4 59	18° 9'07	16°50	25°24	3°27	29°38	18°21	11°28	18°45	17°50	27°19	1°14	0°31	10°21	28°29	T 8
W 9	13 8 56	19° 8'10	29° 2	25°36	4°29	29°58	18°13	11°27	18°48	17°52	27°19	1°12	0°28	10°28	28°32	W 9
T 10	13 12 52	20° 7'11	11♏24	25°52	5°32	0♌18	18° 6	11°27	18°51	17°54	27°D19	1°10	0°24	10°35	28°36	T 10
F 11	13 16 49	21° 6'11	23°57	26°13	6°34	0°39	17°58	11°27	18°55	17°56	27°19	1° 7	0°21	10°41	28°40	F 11
S 12	13 20 45	22° 5'08	6♐44	26°39	7°36	1° 0	17°50	11°27	18°58	17°58	27°19	1° 4	0°18	10°48	28°43	S 12
S 13	13 24 42	23° 4'04	19°46	27°10	8°37	1°21	17°43	11°D27	19° 2	18° 0	27°19	1° 1	0°15	10°55	28°47	S 13
M14	13 28 38	24° 2'58	3♑ 2	27°45	9°38	1°43	17°35	11°27	19° 5	18° 2	27°19	0°59	0°12	11° 1	28°51	M14
T 15	13 32 35	25° 1'50	16°34	28°23	10°39	2° 5	17°27	11°27	19° 9	18° 4	27°19	0°57	0° 8	11° 8	28°55	T 15
W16	13 36 32	26° 0'40	0♒23	29° 6	11°39	2°27	17°20	11°27	19°12	18° 6	27°19	0°D57	0° 5	11°15	28°59	W16
T 17	13 40 28	26°59'29	14°28	29°52	12°39	2°49	17°12	11°28	19°15	18° 8	27°19	0°58	0° 2	11°21	29° 2	T 17
F 18	13 44 25	27°58'16	28°49	0♈41	13°38	3°12	17° 5	11°28	19°19	18°10	27°20	0°59	29♍59	11°28	29° 6	F 18
S 19	13 48 21	28°57'02	13♓22	1°34	14°37	3°35	16°57	11°29	19°22	18°12	27°20	1° 1	29°56	11°34	29°10	S 19
S 20	13 52 18	29°55'45	28° 5	2°29	15°36	3°59	16°50	11°29	19°26	18°13	27°20	1°R 2	29°53	11°41	29°14	S 20
M21	13 56 14	0♉54'27	12♈51	3°28	16°34	4°22	16°42	11°30	19°29	18°15	27°20	1° 1	29°49	11°48	29°18	M21
T 22	14 0 11	1°53'07	27°33	4°30	17°31	4°46	16°35	11°31	19°32	18°17	27°21	0°59	29°46	11°54	29°22	T 22
W23	14 4 7	2°51'45	12♉ 5	5°34	18°29	5°11	16°28	11°32	19°36	18°19	27°21	0°56	29°43	12° 1	29°26	W23
T 24	14 8 4	3°50'21	26°20	6°41	19°25	5°35	16°21	11°34	19°39	18°21	27°21	0°51	29°40	12° 8	29°30	T 24
F 25	14 12 1	4°48'56	10♊13	7°50	20°21	6° 0	16°14	11°35	19°42	18°22	27°22	0°46	29°37	12°14	29°34	F 25
S 26	14 15 57	5°47'28	23°42	9° 2	21°17	6°25	16° 7	11°36	19°46	18°24	27°22	0°41	29°33	12°21	29°38	S 26
S 27	14 19 54	6°45'58	6♋45	10°16	22°12	6°50	16° 0	11°38	19°49	18°26	27°22	0°36	29°30	12°28	29°43	S 27
M28	14 23 50	7°44'26	19°25	11°32	23° 7	7°15	15°53	11°39	19°52	18°27	27°23	0°33	29°27	12°34	29°47	M28
T 29	14 27 47	8°42'52	1♌46	12°51	24° 1	7°41	15°47	11°41	19°56	18°29	27°23	0°31	29°24	12°41	29°51	T 29
W30	14 31 43	9♉41'15	13♌51	14♈12	24♊54	8♌ 7	15♎40	11♌43	19♈59	18♓31	27♋24	0°D31	29♍21	12♍48	29♉55	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n27	16n32	4s54	0n 3	1n31	21n32	2n22	23n22	2n47	6s 4	1n34	18n14	0n59	6n37	0s37	5s45	0s56	22n28	1n50	0s28	0s21	6n14	16n30	3s18
W 2	4 50	14 37	4 22	0s22	1 15	21 51	2 26	23 17	2 45	6 1	1 34	18 15	0 59	6 38	0 37	5 44	0 56	22 28	1 50	0 28	0 20	6 12	16 31	3 18
T 3	5 13	12 5	3 40	0 46	0 59	22 9	2 30	23 12	2 44	5 58	1 34	18 15	0 59	6 40	0 37	5 43	0 56	22 28	1 50	0 28	0 19	6 10	16 31	3 18
F 4	5 36	9 5	2 48	1 7	0 43	22 27	2 34	23 7	2 42	5 55	1 34	18 15	0 59	6 41	0 37	5 43	0 56	22 28	1 50	0 29	0 17	6 9	16 32	3 18
S 5	5 59	5 43	1 50	1 25	0 28	22 45	2 37	23 1	2 40	5 53	1 34	18 15	0 59	6 42	0 37	5 42	0 56	22 28	1 50	0 29	0 16	6 7	16 33	3 18
S 6	6 21	2 7	0 46	1 41	0 13	23 2	2 41	22 56	2 39	5 50	1 34	18 16	0 59	6 44	0 37	5 41	0 56	22 28	1 50	0 30	0 15	6 5	16 34	3 17
M 7	6 44	1s36	0n20	1 54	0s 2	23 19	2 45	22 50	2 37	5 47	1 34	18 16	0 59	6 45	0 37	5 40	0 56	22 28	1 50	0 30	0 13	6 4	16 35	3 17
T 8	7 7	5 18	1 25	2 4	0 16	23 35	2 49	22 45	2 36	5 44	1 34	18 16	0 59	6 46	0 37	5 39	0 56	22 28	1 50	0 29	0 12	6 2	16 35	3 17
W 9	7 29	8 49	2 28	2 12	0 30	23 50	2 52	22 39	2 34	5 41	1 34	18 16	0 59	6 47	0 37	5 39	0 56	22 28	1 50	0 29	0 11	6 0	16 36	3 17
T 10	7 51	12 0	3 24	2 18	0 43	24 5	2 56	22 33	2 33	5 38	1 34	18 16	0 59	6 49	0 37	5 38	0 56	22 28	1 50	0 28	0 10	5 58	16 37	3 17
F 11	8 14	14 41	4 12	2 21	0 55	24 19	2 59	22 27	2 31	5 35	1 34	18 16	0 59	6 50	0 37	5 37	0 56	22 28	1 50	0 27	0 8	5 57	16 38	3 17
S 12	8 36	16 41	4 47	2 21	1 7	24 33	3 3	22 21	2 30	5 32	1 34	18 16	0 59	6 51	0 37	5 36	0 56	22 28	1 50	0 25	0 7	5 55	16 39	3 17
S 13	8 57	17 53	5 9	2 19	1 18	24 46	3 6	22 15	2 28	5 29	1 34	18 16	0 59	6 53	0 37	5 36	0 56	22 28	1 50	0 24	0 6	5 53	16 40	3 17
M14	9 19	18 8	5 15	2 15	1 29	24 59	3 9	22 8	2 27	5 26	1 34	18 16	0 59	6 54	0 37	5 35	0 56	22 28	1 50	0 23	0 5	5 51	16 40	3 17
T 15	9 41	17 22	5 4	2 9	1 39	25 11	3 12	22 2	2 25	5 24	1 34	18 16	0 59	6 55	0 37	5 34	0 56	22 28	1 50	0 23	0 3	5 50	16 41	3 17
W16	10 2	15 34	4 35	2 1	1 48	25 23	3 15	21 55	2 24	5 21	1 34	18 16	0 59	6 57	0 37	5 34	0 56	22 28	1 50	0 23	0 2	5 48	16 42	3 17
T 17	10 23	12 49	3 49	1 50	1 56	25 34	3 18	21 49	2 22	5 18	1 34	18 16	0 59	6 58	0 37	5 33	0 56	22 28	1 50	0 23	0 1	5 46	16 43	3 17
F 18	10 44	9 15	2 48	1 38	2 4	25 44	3 21	21 42	2 21	5 15	1 34	18 16	0 59	6 59	0 37	5 32	0 56	22 28	1 50	0 24	0n 0	5 44	16 44	3 17
S 19	11 5	5 3	1 36	1 23	2 12	25 54	3 24	21 35	2 19	5 12	1 34	18 15	0 59	7 0	0 37	5 31	0 56	22 28	1 50	0 24	0 2	5 43	16 45	3 17
S 20	11 26	0 31	0 16	1 7	2 18	26 4	3 27	21 28	2 18	5 10	1 34	18 15	0 59	7 2	0 37	5 31	0 56	22 28	1 50	0 24	0 3	5 41	16 46	3 17
M21	11 47	4n 5	1s 4	0 50	2 24	26 12	3 29	21 21	2 16	5 7	1 34	18 15	0 59	7 3	0 37	5 30	0 56	22 28	1 50	0 24	0 4	5 39	16 46	3 17
T 22	12 7	8 24	2 20	0 30	2 29	26 20	3 32	21 14	2 15	5 4	1 34	18 15	0 58	7 4	0 37	5 29	0 56	22 28	1 50	0 24	0 5	5 37	16 47	3 17
W23	12 27	12 10	3 26	0 9	2 34	26 28	3 34	21 7	2 14	5 2	1 34	18 14	0 58	7 6	0 37	5 29	0 56	22 28	1 50	0 22	0 7	5 36	16 48	3 17
T 24	12 47	15 8	4 18	0n14	2 38	26 35	3 36	20 59	2 12	4 59	1 34	18 14	0 58	7 7	0 37	5 28	0 56	22 28	1 50	0 20	0 8	5 34	16 49	3 17
F 25	13 7	17 8	4 52	0 38	2 42	26 42	3 38	20 52	2 11	4 56	1 33	18 14	0 58	7 8	0 37	5 27	0 56	22 28	1 50	0 18	0 9	5 32	16 50	3 17
S 26	13 26	18 6	5 10	1 3	2 45	26 48	3 40	20 44	2 10	4 54	1 33	18 13	0 58	7 9	0 37	5 27	0 56	22 28	1 50	0 16	0 11	5 31	16 51	3 17
S 27	13 46	18 5	5 10	1 30	2 47	26 53	3 42	20 37	2 8	4 51	1 33	18 13	0 58	7 11	0 37	5 26	0 56	22 28	1 50	0 14	0 12	5 29	16 52	3 17
M28	14 5	17 8	4 55	1 58	2 49	26 58	3 44	20 29	2 7	4 49	1 33	18 12	0 58	7 12	0 37	5 26	0 56	22 28	1 50	0 13	0 13	5 27	16 52	3 17
T 29	14 23	15 24	4 27	2 28	2 50	27 2	3 46	20 21	2 6	4 46	1 33	18 12	0 58	7 13	0 37	5 25	0 56	22 28	1 50	0 12	0 14	5 25	16 53	3 17
W30	14n42	13n 1	3s47	2n59	2s50	27n 6	3n47	20n13	2n 4	4s44	1n33	18n11	0n58	7n14	0s37	5s24	0s56	22n28	1n50	0s12	0n16	5n24	16n54	3s17

Julian Day Number = 2518474.5, Delta T = 147.50 sec
Ecliptic obliquity = 23°24'47, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°18'04, Lahiri = 26°25'04

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2183
geocentric

MAY 2183 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 35 40	10♉39'37	25♌45	15♈34	25♊47	8♌33	15°R34	11♌45	20♈ 2	18♓32	27♋24	0♎32	29♍18	12♍54	29♉59	T 1
F 2	14 39 36	11°37'56	7♍34	16°59	26°39	8°59	15♎27	11°47	20° 6	18°34	27°25	0°34	29°14	13° 1	0♊ 3	F 2
S 3	14 43 33	12°36'14	19°22	18°26	27°30	9°26	15°21	11°49	20° 9	18°35	27°25	0°35	29°11	13° 8	0° 8	S 3
S 4	14 47 29	13°34'29	1♎14	19°55	28°21	9°53	15°15	11°51	20°12	18°37	27°26	0°R36	29° 8	13°14	0°12	S 4
M 5	14 51 26	14°32'43	13°14	21°25	29°11	10°20	15° 9	11°53	20°15	18°38	27°27	0°35	29° 5	13°21	0°16	M 5
T 6	14 55 23	15°30'54	25°26	22°58	29°59	10°47	15° 3	11°56	20°18	18°40	27°27	0°32	29° 2	13°28	0°20	T 6
W 7	14 59 19	16°29'04	7♏51	24°33	0♋48	11°14	14°57	11°58	20°22	18°41	27°28	0°27	28°59	13°34	0°25	W 7
T 8	15 3 16	17°27'12	20°30	26° 9	1°35	11°42	14°52	12° 1	20°25	18°42	27°29	0°20	28°55	13°41	0°29	T 8
F 9	15 7 12	18°25'18	3♐24	27°48	2°22	12° 9	14°46	12° 4	20°28	18°44	27°29	0°12	28°52	13°48	0°33	F 9
S 10	15 11 9	19°23'23	16°33	29°28	3° 8	12°37	14°41	12° 7	20°31	18°45	27°30	0° 4	28°49	13°54	0°38	S 10
S 11	15 15 5	20°21'27	29°55	1♑10	3°53	13° 5	14°36	12°10	20°34	18°46	27°31	29♍56	28°46	14° 1	0°42	S 11
M12	15 19 2	21°19'28	13♑29	2°55	4°37	13°34	14°31	12°13	20°37	18°48	27°32	29°49	28°43	14° 7	0°46	M12
T 13	15 22 58	22°17'29	27°13	4°41	5°19	14° 2	14°26	12°16	20°40	18°49	27°32	29°44	28°39	14°14	0°51	T 13
W14	15 26 55	23°15'28	11♒ 7	6°29	6° 1	14°31	14°21	12°19	20°43	18°50	27°33	29°42	28°36	14°21	0°55	W14
T 15	15 30 52	24°13'26	25° 8	8°19	6°42	14°59	14°17	12°22	20°46	18°51	27°34	29°D41	28°33	14°27	1° 0	T 15
F 16	15 34 48	25°11'22	9♓17	10°11	7°22	15°28	14°12	12°26	20°49	18°53	27°35	29°42	28°30	14°34	1° 4	F 16
S 17	15 38 45	26° 9'18	23°32	12° 5	8° 1	15°57	14° 8	12°29	20°52	18°54	27°36	29°R42	28°27	14°41	1° 8	S 17
S 18	15 42 41	27° 7'12	7♈51	14° 0	8°38	16°27	14° 4	12°33	20°55	18°55	27°37	29°42	28°24	14°47	1°13	S 18
M19	15 46 38	28° 5'05	22°12	15°58	9°14	16°56	14° 0	12°36	20°58	18°56	27°37	29°40	28°20	14°54	1°17	M19
T 20	15 50 34	29° 2'56	6♉30	17°58	9°49	17°26	13°56	12°40	21° 1	18°57	27°38	29°36	28°17	15° 1	1°22	T 20
W21	15 54 31	0♊ 0'47	20°41	19°59	10°23	17°55	13°53	12°44	21° 4	18°58	27°39	29°29	28°14	15° 7	1°26	W21
T 22	15 58 27	0°58'36	4♊39	22° 2	10°55	18°25	13°49	12°48	21° 6	18°59	27°40	29°20	28°11	15°14	1°30	T 22
F 23	16 2 24	1°56'23	18°21	24° 7	11°26	18°55	13°46	12°52	21° 9	19° 0	27°41	29°10	28° 8	15°21	1°35	F 23
S 24	16 6 21	2°54'09	1♋42	26°13	11°55	19°25	13°43	12°56	21°12	19° 1	27°42	28°59	28° 5	15°27	1°39	S 24
S 25	16 10 17	3°51'54	14°43	28°21	12°23	19°56	13°40	13° 0	21°15	19° 2	27°43	28°50	28° 1	15°34	1°44	S 25
M26	16 14 14	4°49'37	27°22	0♊29	12°49	20°26	13°37	13° 4	21°17	19° 3	27°44	28°42	27°58	15°41	1°48	M26
T 27	16 18 10	5°47'19	9♌43	2°39	13°14	20°57	13°35	13° 9	21°20	19° 4	27°46	28°37	27°55	15°47	1°53	T 27
W28	16 22 7	6°44'59	21°48	4°50	13°37	21°27	13°32	13°13	21°23	19° 4	27°47	28°34	27°52	15°54	1°57	W28
T 29	16 26 3	7°42'37	3♍43	7° 2	13°58	21°58	13°30	13°18	21°25	19° 5	27°48	28°D33	27°49	16° 0	2° 1	T 29
F 30	16 30 0	8°40'15	15°32	9°14	14°17	22°29	13°28	13°22	21°28	19° 6	27°49	28°33	27°45	16° 7	2° 6	F 30
S 31	16 33 56	9♊37'50	27♍21	11♊25	14♋34	23♌ 0	13♎26	13♌27	21♈31	19♓ 7	27♋50	28°R33	27♍42	16♍14	2♊10	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15n 0	10n 7	2s58	3n30	2s50	27n 9	3n49	20n 5	2n 3	4s42	1n33	18n11	0n58	7n15	0s37	5s24	0s56	22n28	1n50	0s13	0n17	5n22	16n55	3s17
F 2	15 18	6 50	2 2	4 3	2 49	27 12	3 50	19 57	2 2	4 39	1 32	18 10	0 58	7 17	0 37	5 23	0 57	22 28	1 50	0 13	0 18	5 20	16 56	3 17
S 3	15 36	3 16	1 1	4 37	2 48	27 14	3 51	19 48	2 0	4 37	1 32	18 10	0 58	7 18	0 37	5 23	0 57	22 27	1 51	0 14	0 19	5 18	16 57	3 17
S 4	15 54	0s26	0n 3	5 12	2 46	27 16	3 52	19 40	1 59	4 35	1 32	18 9	0 58	7 19	0 37	5 22	0 57	22 27	1 51	0 14	0 21	5 17	16 58	3 17
M 5	16 11	4 10	1 8	5 48	2 44	27 17	3 52	19 32	1 58	4 33	1 32	18 8	0 58	7 20	0 37	5 22	0 57	22 27	1 51	0 14	0 22	5 15	16 58	3 17
T 6	16 28	7 48	2 11	6 25	2 41	27 18	3 53	19 23	1 57	4 31	1 32	18 8	0 58	7 22	0 37	5 21	0 57	22 27	1 51	0 13	0 23	5 13	16 59	3 17
W 7	16 45	11 9	3 8	7 3	2 38	27 18	3 53	19 14	1 55	4 29	1 32	18 7	0 58	7 23	0 37	5 20	0 57	22 27	1 51	0 11	0 24	5 11	17 0	3 17
T 8	17 1	14 3	3 57	7 42	2 34	27 17	3 53	19 5	1 54	4 27	1 31	18 6	0 58	7 24	0 37	5 20	0 57	22 27	1 51	0 8	0 26	5 9	17 1	3 17
F 9	17 18	16 19	4 35	8 21	2 29	27 17	3 53	18 56	1 53	4 25	1 31	18 5	0 58	7 25	0 37	5 19	0 57	22 27	1 51	0 5	0 27	5 8	17 2	3 17
S 10	17 33	17 47	4 59	9 1	2 24	27 15	3 53	18 47	1 52	4 23	1 31	18 5	0 58	7 26	0 37	5 19	0 57	22 27	1 51	0 2	0 28	5 6	17 3	3 17
S 11	17 49	18 18	5 7	9 42	2 19	27 14	3 53	18 38	1 51	4 21	1 31	18 4	0 58	7 27	0 37	5 18	0 57	22 27	1 51	0n 2	0 29	5 4	17 3	3 17
M12	18 4	17 47	4 59	10 23	2 13	27 12	3 52	18 29	1 50	4 19	1 31	18 3	0 58	7 28	0 37	5 18	0 57	22 26	1 51	0 4	0 31	5 2	17 4	3 17
T 13	18 19	16 14	4 33	11 5	2 6	27 9	3 51	18 20	1 48	4 18	1 31	18 2	0 58	7 30	0 37	5 18	0 57	22 26	1 51	0 6	0 32	5 1	17 5	3 17
W14	18 34	13 43	3 51	11 47	1 59	27 6	3 50	18 10	1 47	4 16	1 30	18 1	0 58	7 31	0 37	5 17	0 57	22 26	1 51	0 7	0 33	4 59	17 6	3 17
T 15	18 48	10 23	2 55	12 30	1 52	27 3	3 49	18 1	1 46	4 14	1 30	18 0	0 58	7 32	0 37	5 17	0 57	22 26	1 51	0 7	0 35	4 57	17 7	3 17
F 16	19 2	6 25	1 47	13 12	1 44	26 59	3 47	17 51	1 45	4 13	1 30	17 59	0 58	7 33	0 37	5 16	0 57	22 26	1 51	0 7	0 36	4 55	17 8	3 17
S 17	19 16	2 3	0 33	13 55	1 36	26 55	3 45	17 41	1 44	4 11	1 30	17 58	0 58	7 34	0 37	5 16	0 57	22 26	1 51	0 7	0 37	4 54	17 8	3 18
S 18	19 30	2n27	0s44	14 38	1 27	26 50	3 43	17 31	1 43	4 10	1 29	17 57	0 58	7 35	0 37	5 15	0 57	22 26	1 51	0 7	0 38	4 52	17 9	3 18
M19	19 43	6 49	1 58	15 21	1 18	26 46	3 41	17 21	1 42	4 9	1 29	17 56	0 58	7 36	0 37	5 15	0 57	22 25	1 51	0 8	0 40	4 50	17 10	3 18
T 20	19 55	10 47	3 4	16 4	1 9	26 40	3 38	17 11	1 40	4 7	1 29	17 55	0 58	7 37	0 37	5 15	0 57	22 25	1 51	0 10	0 41	4 48	17 11	3 18
W21	20 8	14 5	3 58	16 46	0 59	26 35	3 35	17 1	1 39	4 6	1 29	17 54	0 58	7 38	0 37	5 14	0 57	22 25	1 51	0 12	0 42	4 47	17 12	3 18
T 22	20 20	16 31	4 37	17 28	0 49	26 29	3 32	16 51	1 38	4 5	1 29	17 53	0 58	7 39	0 37	5 14	0 57	22 25	1 51	0 16	0 43	4 45	17 13	3 18
F 23	20 32	17 57	4 59	18 9	0 39	26 23	3 28	16 40	1 37	4 4	1 28	17 52	0 58	7 40	0 37	5 14	0 57	22 25	1 51	0 20	0 45	4 43	17 13	3 18
S 24	20 43	18 21	5 4	18 50	0 28	26 17	3 25	16 30	1 36	4 3	1 28	17 50	0 58	7 41	0 37	5 13	0 57	22 25	1 51	0 24	0 46	4 41	17 14	3 18
S 25	20 54	17 45	4 53	19 29	0 18	26 10	3 21	16 19	1 35	4 2	1 28	17 49	0 58	7 42	0 37	5 13	0 57	22 24	1 51	0 28	0 47	4 39	17 15	3 18
M26	21 5	16 18	4 27	20 7	0 7	26 3	3 16	16 9	1 34	4 1	1 28	17 48	0 58	7 43	0 37	5 13	0 57	22 24	1 51	0 31	0 48	4 38	17 16	3 18
T 27	21 15	14 6	3 50	20 44	0n 3	25 56	3 11	15 58	1 33	4 1	1 27	17 47	0 58	7 44	0 37	5 12	0 57	22 24	1 51	0 33	0 50	4 36	17 16	3 18
W28	21 25	11 20	3 3	21 18	0 14	25 48	3 6	15 47	1 32	4 0	1 27	17 45	0 58	7 45	0 37	5 12	0 57	22 24	1 51	0 34	0 51	4 34	17 17	3 18
T 29	21 34	8 8	2 8	21 52	0 24	25 41	3 1	15 36	1 31	3 59	1 27	17 44	0 58	7 46	0 37	5 12	0 58	22 24	1 51	0 35	0 52	4 32	17 18	3 19
F 30	21 43	4 38	1 9	22 23	0 35	25 33	2 55	15 25	1 30	3 59	1 27	17 43	0 58	7 47	0 37	5 12	0 58	22 23	1 51	0 35	0 53	4 31	17 19	3 19
S 31	21n52	0n57	0s 6	22n52	0n44	25n25	2n49	15n14	1n29	3s58	1n26	17n41	0n58	7n48	0s37	5s11	0s58	22n23	1n51	0n35	0n55	4n29	17n19	3s19

Julian Day Number = 2518504.5, Delta T = 147.58 sec
Ecliptic obliquity = 23°24'46, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°18'08, Lahiri = 26°25'08

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2183
geocentric

JUNE 2183 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 37 53	10♊35'24	9♎15	13♊37	14♋49	23♌31	13°R24	13♌32	21♈33	19♓ 7	27♋51	28°R33	27♍39	16♍20	2♊15	S 1
M 2	16 41 50	11°32'57	21°20	15°49	15° 3	24° 3	13♎23	13°37	21°36	19° 8	27°52	28♍30	27°36	16°27	2°19	M 2
T 3	16 45 46	12°30'29	3♏39	17°59	15°14	24°34	13°22	13°42	21°38	19° 9	27°54	28°26	27°33	16°34	2°23	T 3
W 4	16 49 43	13°27'59	16°15	20° 9	15°23	25° 6	13°20	13°47	21°40	19° 9	27°55	28°19	27°30	16°40	2°28	W 4
T 5	16 53 39	14°25'28	29°10	22°17	15°30	25°38	13°19	13°52	21°43	19°10	27°56	28° 9	27°26	16°47	2°32	T 5
F 6	16 57 36	15°22'56	12♐25	24°24	15°34	26° 9	13°19	13°57	21°45	19°10	27°57	27°58	27°23	16°54	2°36	F 6
S 7	17 1 32	16°20'23	25°57	26°30	15°R37	26°41	13°18	14° 2	21°48	19°11	27°58	27°46	27°20	17° 0	2°41	S 7
S 8	17 5 29	17°17'49	9♑45	28°33	15°37	27°13	13°18	14° 7	21°50	19°11	28° 0	27°35	27°17	17° 7	2°45	S 8
M 9	17 9 26	18°15'15	23°43	0♋35	15°34	27°45	13°17	14°13	21°52	19°12	28° 1	27°25	27°14	17°14	2°49	M 9
T 10	17 13 22	19°12'39	7♒49	2°34	15°30	28°18	13°D17	14°18	21°54	19°12	28° 2	27°18	27°11	17°20	2°54	T 10
W11	17 17 19	20°10'03	21°57	4°31	15°23	28°50	13°17	14°23	21°56	19°13	28° 4	27°14	27° 7	17°27	2°58	W11
T 12	17 21 15	21° 7'27	6♓ 7	6°26	15°13	29°22	13°18	14°29	21°59	19°13	28° 5	27°12	27° 4	17°34	3° 2	T 12
F 13	17 25 12	22° 4'49	20°16	8°19	15° 1	29°55	13°18	14°35	22° 1	19°13	28° 6	27°11	27° 1	17°40	3° 7	F 13
S 14	17 29 8	23° 2'12	4♈22	10° 9	14°47	0♍28	13°19	14°40	22° 3	19°13	28° 8	27°11	26°58	17°47	3°11	S 14
S 15	17 33 5	23°59'33	18°25	11°57	14°30	1° 0	13°20	14°46	22° 5	19°14	28° 9	27°10	26°55	17°53	3°15	S 15
M16	17 37 1	24°56'55	2♉24	13°42	14°11	1°33	13°21	14°52	22° 7	19°14	28°11	27° 7	26°51	18° 0	3°19	M16
T 17	17 40 58	25°54'16	16°18	15°25	13°50	2° 6	13°22	14°58	22° 9	19°14	28°12	27° 2	26°48	18° 7	3°23	T 17
W18	17 44 55	26°51'36	0♊ 3	17° 5	13°26	2°39	13°23	15° 4	22°11	19°14	28°13	26°53	26°45	18°13	3°28	W18
T 19	17 48 51	27°48'56	13°38	18°43	13° 1	3°12	13°25	15°10	22°12	19°14	28°15	26°42	26°42	18°20	3°32	T 19
F 20	17 52 48	28°46'16	26°59	20°18	12°33	3°46	13°27	15°16	22°14	19°14	28°16	26°30	26°39	18°27	3°36	F 20
S 21	17 56 44	29°43'35	10♋ 5	21°51	12° 4	4°19	13°28	15°22	22°16	19°14	28°18	26°17	26°36	18°33	3°40	S 21
S 22	18 0 41	0♋40'53	22°54	23°21	11°33	4°53	13°31	15°28	22°18	19°R14	28°19	26° 6	26°32	18°40	3°44	S 22
M23	18 4 37	1°38'11	5♌25	24°48	11° 1	5°26	13°33	15°34	22°19	19°14	28°21	25°56	26°29	18°47	3°48	M23
T 24	18 8 34	2°35'28	17°41	26°13	10°27	6° 0	13°35	15°41	22°21	19°14	28°22	25°49	26°26	18°53	3°52	T 24
W25	18 12 30	3°32'44	29°44	27°35	9°52	6°34	13°38	15°47	22°23	19°14	28°24	25°44	26°23	19° 0	3°56	W25
T 26	18 16 27	4°30'00	11♍37	28°55	9°15	7° 7	13°41	15°53	22°24	19°14	28°25	25°42	26°20	19° 7	4° 0	T 26
F 27	18 20 24	5°27'15	23°26	0♌11	8°39	7°41	13°43	16° 0	22°26	19°14	28°27	25°D41	26°17	19°13	4° 4	F 27
S 28	18 24 20	6°24'29	5♎15	1°25	8° 1	8°15	13°47	16° 6	22°27	19°14	28°28	25°R41	26°13	19°20	4° 8	S 28
S 29	18 28 17	7°21'43	17° 9	2°36	7°24	8°49	13°50	16°13	22°29	19°14	28°30	25°41	26°10	19°27	4°12	S 29
M30	18 32 13	8♋18'56	29♎15	3♌44	6♋46	9♍24	13♎53	16♌19	22♈30	19♓13	28♋31	25♍39	26♍ 7	19♍33	4♊16	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n 1	2s48	0n57	23n18	0n54	25n16	2n42	15n 3	1n28	3s58	1n26	17n40	0n58	7n49	0s37	5s11	0s58	22n23	1n51	0n35	0n56	4n27	17n20	3s19
M 2	22 9	6 29	1 58	23 42	1 3	25 8	2 35	14 51	1 27	3 57	1 26	17 39	0 58	7 50	0 37	5 11	0 58	22 23	1 51	0 36	0 57	4 25	17 21	3 19
T 3	22 16	9 58	2 55	24 4	1 12	24 59	2 28	14 40	1 26	3 57	1 26	17 37	0 58	7 51	0 37	5 11	0 58	22 23	1 51	0 37	0 58	4 24	17 22	3 19
W 4	22 23	13 5	3 45	24 22	1 20	24 50	2 20	14 28	1 25	3 57	1 25	17 36	0 58	7 52	0 37	5 10	0 58	22 22	1 51	0 40	1 0	4 22	17 22	3 19
T 5	22 30	15 39	4 24	24 38	1 27	24 41	2 11	14 17	1 24	3 57	1 25	17 34	0 58	7 53	0 37	5 10	0 58	22 22	1 51	0 44	1 1	4 20	17 23	3 19
F 6	22 37	17 28	4 50	24 52	1 34	24 32	2 3	14 5	1 23	3 57	1 25	17 33	0 58	7 54	0 37	5 10	0 58	22 22	1 51	0 48	1 2	4 18	17 24	3 19
S 7	22 43	18 20	5 1	25 2	1 40	24 23	1 54	13 53	1 22	3 57	1 25	17 31	0 58	7 54	0 37	5 10	0 58	22 22	1 51	0 53	1 4	4 16	17 25	3 20
S 8	22 48	18 10	4 55	25 10	1 46	24 13	1 44	13 41	1 21	3 57	1 24	17 30	0 58	7 55	0 37	5 10	0 58	22 22	1 51	0 58	1 5	4 15	17 25	3 20
M 9	22 54	16 53	4 30	25 15	1 50	24 4	1 34	13 29	1 20	3 57	1 24	17 28	0 58	7 56	0 37	5 10	0 58	22 21	1 51	1 1	1 6	4 13	17 26	3 20
T 10	22 58	14 35	3 50	25 18	1 54	23 54	1 24	13 17	1 19	3 57	1 24	17 27	0 58	7 57	0 37	5 10	0 58	22 21	1 52	1 4	1 7	4 11	17 27	3 20
W11	23 3	11 25	2 55	25 18	1 58	23 44	1 13	13 5	1 18	3 57	1 24	17 25	0 58	7 58	0 37	5 9	0 58	22 21	1 52	1 6	1 9	4 9	17 27	3 20
T 12	23 7	7 34	1 49	25 15	2 0	23 34	1 2	12 53	1 17	3 58	1 23	17 24	0 58	7 58	0 37	5 9	0 58	22 21	1 52	1 7	1 10	4 8	17 28	3 20
F 13	23 11	3 18	0 37	25 11	2 2	23 24	0 50	12 41	1 16	3 58	1 23	17 22	0 58	7 59	0 37	5 9	0 58	22 20	1 52	1 7	1 11	4 6	17 29	3 20
S 14	23 14	1n 9	0s38	25 4	2 3	23 14	0 38	12 28	1 15	3 59	1 23	17 20	0 58	8 0	0 37	5 9	0 58	22 20	1 52	1 7	1 12	4 4	17 29	3 21
S 15	23 17	5 31	1 50	24 55	2 3	23 3	0 26	12 16	1 14	3 59	1 22	17 19	0 58	8 1	0 37	5 9	0 58	22 20	1 52	1 7	1 14	4 2	17 30	3 21
M16	23 19	9 33	2 55	24 44	2 2	22 52	0 13	12 3	1 13	4 0	1 22	17 17	0 58	8 1	0 37	5 9	0 58	22 20	1 52	1 9	1 15	4 0	17 31	3 21
T 17	23 21	13 2	3 49	24 32	2 1	22 42	0s 0	11 50	1 12	4 1	1 22	17 15	0 58	8 2	0 37	5 9	0 58	22 19	1 52	1 11	1 16	3 59	17 31	3 21
W18	23 23	15 46	4 29	24 17	1 59	22 31	0 13	11 38	1 11	4 1	1 22	17 13	0 58	8 3	0 37	5 9	0 58	22 19	1 52	1 14	1 17	3 57	17 32	3 21
T 19	23 24	17 34	4 53	24 1	1 56	22 20	0 27	11 25	1 11	4 2	1 21	17 12	0 58	8 3	0 37	5 9	0 58	22 19	1 52	1 19	1 19	3 55	17 32	3 21
F 20	23 24	18 22	5 1	23 44	1 53	22 9	0 41	11 12	1 10	4 3	1 21	17 10	0 58	8 4	0 37	5 9	0 58	22 19	1 52	1 23	1 20	3 53	17 33	3 22
S 21	23 25	18 11	4 52	23 26	1 48	21 57	0 55	10 59	1 9	4 4	1 21	17 8	0 58	8 5	0 37	5 9	0 58	22 18	1 52	1 28	1 21	3 51	17 34	3 22
S 22	23 25	17 3	4 29	23 6	1 44	21 46	1 9	10 46	1 8	4 5	1 21	17 6	0 58	8 5	0 38	5 9	0 59	22 18	1 52	1 33	1 22	3 50	17 34	3 22
M23	23 24	15 7	3 53	22 45	1 38	21 35	1 23	10 33	1 7	4 6	1 20	17 4	0 58	8 6	0 38	5 9	0 59	22 18	1 52	1 37	1 24	3 48	17 35	3 22
T 24	23 23	12 33	3 7	22 23	1 32	21 23	1 37	10 20	1 6	4 7	1 20	17 3	0 58	8 7	0 38	5 9	0 59	22 18	1 52	1 40	1 25	3 46	17 35	3 22
W25	23 22	9 29	2 13	22 1	1 25	21 12	1 52	10 6	1 5	4 9	1 20	17 1	0 58	8 7	0 38	5 9	0 59	22 17	1 52	1 42	1 26	3 44	17 36	3 22
T 26	23 20	6 3	1 14	21 37	1 18	21 0	2 6	9 53	1 4	4 10	1 20	16 59	0 58	8 8	0 38	5 9	0 59	22 17	1 52	1 43	1 27	3 43	17 36	3 23
F 27	23 18	2 25	0 12	21 13	1 10	20 49	2 20	9 39	1 3	4 11	1 19	16 57	0 58	8 8	0 38	5 9	0 59	22 17	1 52	1 43	1 29	3 41	17 37	3 23
S 28	23 15	1s18	0n51	20 49	1 1	20 37	2 33	9 26	1 3	4 13	1 19	16 55	0 58	8 9	0 38	5 10	0 59	22 17	1 52	1 43	1 30	3 39	17 37	3 23
S 29	23 13	5 1	1 51	20 24	0 52	20 26	2 47	9 12	1 2	4 14	1 19	16 53	0 58	8 9	0 38	5 10	0 59	22 16	1 52	1 43	1 31	3 37	17 38	3 23
M30	23n 9	8s34	2n48	19n59	0n42	20n14	3s 0	8n59	1n 1	4s16	1n19	16n51	0n58	8n10	0s38	5s10	0s59	22n16	1n52	1n44	1n33	3n35	17n38	3s23

Julian Day Number = 2518535.5, Delta T = 147.65 sec
Ecliptic obliquity = 23°24'46, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°18'12, Lahiri = 26°25'13

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2183
geocentric

JULY 2183 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 36 10	9♋16'09	11♏38	4♌49	6°R 9	9♍58	13♎57	16♌26	22♈31	19°R13	28♋33	25°R35	26♍ 4	19♍40	4♊20	T 1
W 2	18 40 6	10°13'22	24°20	5°51	5♋32	10°32	14° 1	16°33	22°33	19♓13	28°34	25♍29	26° 1	19°46	4°24	W 2
T 3	18 44 3	11°10'34	7♐25	6°50	4°56	11° 7	14° 5	16°39	22°34	19°12	28°36	25°21	25°57	19°53	4°27	T 3
F 4	18 47 59	12° 7'45	20°54	7°46	4°20	11°41	14° 9	16°46	22°35	19°12	28°37	25°10	25°54	20° 0	4°31	F 4
S 5	18 51 56	13° 4'57	4♑46	8°38	3°46	12°16	14°13	16°53	22°36	19°12	28°39	25° 0	25°51	20° 6	4°35	S 5
S 6	18 55 53	14° 2'08	18°56	9°27	3°13	12°50	14°17	17° 0	22°37	19°11	28°41	24°49	25°48	20°13	4°38	S 6
M 7	18 59 49	14°59'20	3♒19	10°12	2°42	13°25	14°22	17° 7	22°38	19°11	28°42	24°40	25°45	20°20	4°42	M 7
T 8	19 3 46	15°56'31	17°50	10°53	2°12	14° 0	14°27	17°14	22°39	19°10	28°44	24°33	25°42	20°26	4°46	T 8
W 9	19 7 42	16°53'42	2♓21	11°31	1°45	14°35	14°31	17°21	22°40	19°10	28°45	24°29	25°38	20°33	4°49	W 9
T 10	19 11 39	17°50'54	16°49	12° 4	1°19	15°10	14°36	17°28	22°41	19° 9	28°47	24°27	25°35	20°40	4°53	T 10
F 11	19 15 35	18°48'06	1♈ 8	12°34	0°55	15°45	14°42	17°35	22°42	19° 8	28°49	24°D27	25°32	20°46	4°56	F 11
S 12	19 19 32	19°45'18	15°18	12°59	0°34	16°20	14°47	17°42	22°43	19° 8	28°50	24°R28	25°29	20°53	5° 0	S 12
S 13	19 23 28	20°42'31	29°16	13°20	0°15	16°55	14°52	17°49	22°44	19° 7	28°52	24°28	25°26	21° 0	5° 3	S 13
M14	19 27 25	21°39'45	13♉ 3	13°36	29♊58	17°31	14°58	17°56	22°44	19° 7	28°53	24°26	25°22	21° 6	5° 7	M14
T 15	19 31 22	22°36'58	26°38	13°48	29°43	18° 6	15° 4	18° 3	22°45	19° 6	28°55	24°22	25°19	21°13	5°10	T 15
W16	19 35 18	23°34'13	10♊ 2	13°55	29°31	18°42	15°10	18°10	22°46	19° 5	28°57	24°15	25°16	21°20	5°13	W16
T 17	19 39 15	24°31'28	23°13	13°R58	29°21	19°17	15°16	18°18	22°46	19° 4	28°58	24° 6	25°13	21°26	5°17	T 17
F 18	19 43 11	25°28'43	6♋12	13°55	29°14	19°53	15°22	18°25	22°47	19° 4	29° 0	23°57	25°10	21°33	5°20	F 18
S 19	19 47 8	26°25'58	18°58	13°48	29° 9	20°28	15°28	18°32	22°47	19° 3	29° 2	23°46	25° 7	21°39	5°23	S 19
S 20	19 51 4	27°23'14	1♌30	13°36	29° 6	21° 4	15°35	18°40	22°48	19° 2	29° 3	23°37	25° 3	21°46	5°26	S 20
M21	19 55 1	28°20'31	13°49	13°20	29°D 6	21°40	15°41	18°47	22°48	19° 1	29° 5	23°29	25° 0	21°53	5°29	M21
T 22	19 58 57	29°17'47	25°57	12°58	29° 8	22°16	15°48	18°54	22°49	19° 0	29° 6	23°23	24°57	21°59	5°33	T 22
W23	20 2 54	0♌15'04	7♍54	12°33	29°12	22°52	15°55	19° 2	22°49	18°59	29° 8	23°20	24°54	22° 6	5°36	W23
T 24	20 6 51	1°12'22	19°44	12° 3	29°19	23°28	16° 2	19° 9	22°49	18°58	29°10	23°D18	24°51	22°13	5°39	T 24
F 25	20 10 47	2° 9'39	1♎31	11°30	29°27	24° 4	16° 9	19°17	22°49	18°57	29°11	23°19	24°48	22°19	5°41	F 25
S 26	20 14 44	3° 6'57	13°19	10°54	29°38	24°40	16°16	19°24	22°49	18°56	29°13	23°20	24°44	22°26	5°44	S 26
S 27	20 18 40	4° 4'15	25°13	10°15	29°51	25°17	16°24	19°32	22°50	18°55	29°15	23°21	24°41	22°33	5°47	S 27
M28	20 22 37	5° 1'34	7♏19	9°33	0♋ 6	25°53	16°31	19°39	22°R50	18°54	29°16	23°R21	24°38	22°39	5°50	M28
T 29	20 26 33	5°58'53	19°40	8°51	0°22	26°30	16°39	19°47	22°50	18°53	29°18	23°20	24°35	22°46	5°53	T 29
W30	20 30 30	6°56'12	2♐23	8° 8	0°41	27° 6	16°46	19°54	22°50	18°52	29°19	23°17	24°32	22°53	5°55	W30
T 31	20 34 26	7♌53'32	15♐30	7♌24	1♋ 1	27♍43	16♎54	20♌ 2	22♈49	18♓51	29♋21	23♍13	24♍28	22♍59	5♊58	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	23n 5	11s50	3n38	19n33	0n32	20n 3	3s13	8n45	1n 0	4s18	1n18	16n49	0n58	8n10	0s38	5s10	0s59	22n16	1n52	1n45	1n34	3n34	17n39	3s24	T 1
W 2	23 1	14 38	4 19	19 8	0 21	19 53	3 25	8 31	0 59	4 19	1 18	16 47	0 58	8 11	0 38	5 10	0 59	22 16	1 52	1 48	1 35	3 32	17 39	3 24	W 2
T 3	22 57	16 47	4 48	18 42	0 10	19 42	3 37	8 17	0 58	4 21	1 18	16 45	0 58	8 11	0 38	5 10	0 59	22 15	1 52	1 51	1 36	3 30	17 40	3 24	T 3
F 4	22 52	18 5	5 1	18 17	0s 2	19 32	3 49	8 4	0 57	4 23	1 18	16 43	0 58	8 12	0 38	5 11	0 59	22 15	1 53	1 55	1 38	3 28	17 40	3 24	F 4
S 5	22 46	18 22	4 58	17 51	0 14	19 22	4 0	7 50	0 57	4 25	1 17	16 41	0 58	8 12	0 38	5 11	0 59	22 15	1 53	1 59	1 39	3 26	17 41	3 24	S 5
S 6	22 40	17 31	4 36	17 26	0 27	19 12	4 10	7 35	0 56	4 27	1 17	16 39	0 58	8 12	0 38	5 11	0 59	22 14	1 53	2 3	1 40	3 25	17 41	3 25	S 6
M 7	22 34	15 33	3 57	17 2	0 40	19 3	4 20	7 21	0 55	4 29	1 17	16 37	0 58	8 13	0 38	5 11	0 59	22 14	1 53	2 7	1 41	3 23	17 42	3 25	M 7
T 8	22 28	12 35	3 2	16 38	0 53	18 54	4 29	7 7	0 54	4 31	1 17	16 35	0 58	8 13	0 38	5 11	0 59	22 14	1 53	2 10	1 43	3 21	17 42	3 25	T 8
W 9	22 21	8 50	1 55	16 14	1 7	18 46	4 38	6 53	0 53	4 33	1 16	16 33	0 58	8 13	0 38	5 12	0 59	22 14	1 53	2 11	1 44	3 19	17 43	3 25	W 9
T 10	22 13	4 35	0 41	15 51	1 21	18 38	4 46	6 39	0 52	4 35	1 16	16 31	0 58	8 14	0 38	5 12	0 59	22 13	1 53	2 12	1 45	3 17	17 43	3 26	T 10
F 11	22 6	0 6	0s36	15 29	1 35	18 31	4 54	6 24	0 52	4 37	1 16	16 29	0 58	8 14	0 38	5 12	0 59	22 13	1 53	2 12	1 46	3 16	17 43	3 26	F 11
S 12	21 58	4n20	1 49	15 8	1 50	18 24	5 0	6 10	0 51	4 39	1 16	16 26	0 58	8 14	0 38	5 12	0 59	22 13	1 53	2 12	1 48	3 14	17 44	3 26	S 12
S 13	21 49	8 29	2 55	14 48	2 5	18 18	5 7	5 56	0 50	4 42	1 15	16 24	0 58	8 15	0 38	5 13	0 59	22 12	1 53	2 12	1 49	3 12	17 44	3 26	S 13
M14	21 40	12 5	3 49	14 30	2 19	18 12	5 12	5 41	0 49	4 44	1 15	16 22	0 58	8 15	0 38	5 13	0 59	22 12	1 53	2 13	1 50	3 10	17 44	3 27	M14
T 15	21 31	15 0	4 30	14 12	2 34	18 7	5 17	5 27	0 48	4 46	1 15	16 20	0 59	8 15	0 38	5 13	0 59	22 12	1 53	2 14	1 51	3 8	17 45	3 27	T 15
W16	21 21	17 3	4 55	13 56	2 49	18 3	5 22	5 12	0 48	4 49	1 15	16 18	0 59	8 15	0 38	5 14	0 59	22 12	1 53	2 17	1 53	3 7	17 45	3 27	W16
T 17	21 12	18 10	5 5	13 42	3 3	17 59	5 26	4 57	0 47	4 51	1 14	16 15	0 59	8 15	0 38	5 14	1 0	22 11	1 53	2 20	1 54	3 5	17 45	3 27	T 17
F 18	21 1	18 19	4 58	13 29	3 17	17 56	5 29	4 43	0 46	4 54	1 14	16 13	0 59	8 16	0 38	5 14	1 0	22 11	1 53	2 24	1 55	3 3	17 46	3 28	F 18
S 19	20 51	17 31	4 36	13 17	3 31	17 53	5 32	4 28	0 45	4 57	1 14	16 11	0 59	8 16	0 38	5 15	1 0	22 11	1 53	2 28	1 56	3 1	17 46	3 28	S 19
S 20	20 40	15 53	4 1	13 8	3 44	17 50	5 34	4 13	0 44	4 59	1 14	16 9	0 59	8 16	0 38	5 15	1 0	22 11	1 53	2 32	1 58	2 59	17 46	3 28	S 20
M21	20 28	13 32	3 16	13 1	3 57	17 48	5 36	3 58	0 44	5 2	1 14	16 7	0 59	8 16	0 38	5 15	1 0	22 10	1 54	2 35	1 59	2 58	17 47	3 28	M21
T 22	20 17	10 38	2 22	12 55	4 9	17 47	5 38	3 43	0 43	5 5	1 13	16 4	0 59	8 16	0 38	5 16	1 0	22 10	1 54	2 37	2 0	2 56	17 47	3 29	T 22
W23	20 4	7 20	1 22	12 52	4 20	17 46	5 39	3 28	0 42	5 8	1 13	16 2	0 59	8 16	0 38	5 16	1 0	22 10	1 54	2 39	2 1	2 54	17 47	3 29	W23
T 24	19 52	3 46	0 19	12 50	4 30	17 46	5 39	3 13	0 41	5 11	1 13	16 0	0 59	8 16	0 38	5 17	1 0	22 9	1 54	2 39	2 3	2 52	17 47	3 29	T 24
F 25	19 39	0 4	0n44	12 51	4 38	17 45	5 39	2 58	0 40	5 14	1 13	15 57	0 59	8 16	0 38	5 17	1 0	22 9	1 54	2 39	2 4	2 50	17 48	3 29	F 25
S 26	19 26	3s37	1 46	12 54	4 46	17 46	5 39	2 43	0 40	5 17	1 12	15 55	0 59	8 16	0 38	5 17	1 0	22 9	1 54	2 39	2 5	2 49	17 48	3 30	S 26
S 27	19 13	7 12	2 44	12 58	4 52	17 46	5 39	2 28	0 39	5 20	1 12	15 53	0 59	8 16	0 38	5 18	1 0	22 9	1 54	2 38	2 7	2 47	17 48	3 30	S 27
M28	18 59	10 32	3 35	13 5	4 56	17 47	5 38	2 13	0 38	5 23	1 12	15 51	0 59	8 16	0 38	5 18	1 0	22 8	1 54	2 38	2 8	2 45	17 48	3 30	M28
T 29	18 45	13 29	4 18	13 13	4 59	17 48	5 37	1 58	0 37	5 26	1 12	15 48	0 59	8 16	0 38	5 19	1 0	22 8	1 54	2 39	2 9	2 43	17 48	3 30	T 29
W30	18 31	15 53	4 49	13 23	4 59	17 50	5 35	1 43	0 37	5 29	1 12	15 46	0 59	8 16	0 39	5 19	1 0	22 8	1 54	2 40	2 10	2 41	17 49	3 31	W30
T 31	18n17	17s33	5n 7	13n35	4s58	17n51	5s33	1n28	0n36	5s32	1n11	15n44	0n59	8n16	0s39	5s20	1s 0	22n 7	1n54	2n42	2n12	2n39	17n49	3s31	T 31

Julian Day Number = 2518565.5, Delta T = 147.72 sec
Ecliptic obliquity = 23°24'46, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°18'16, Lahiri = 26°25'17

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2183
geocentric

AUGUST 2183 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 38 23	8♌50'52	29♐ 3	6°R42	1♋23	28♍19	17♎ 2	20♌ 9	22°R49	18°R50	29♋23	23°R 7	24♍25	23♍ 6	6♊ 1	F 1
S 2	20 42 20	9°48'13	13♑ 3	6♌ 1	1°47	28°56	17°10	20°17	22♈49	18♓48	29°24	23♍ 0	24°22	23°12	6° 3	S 2
S 3	20 46 16	10°45'35	27°27	5°23	2°13	29°33	17°19	20°25	22°49	18°47	29°26	22°53	24°19	23°19	6° 6	S 3
M 4	20 50 13	11°42'57	12♒ 8	4°48	2°40	0♎10	17°27	20°32	22°49	18°46	29°28	22°48	24°16	23°26	6° 8	M 4
T 5	20 54 9	12°40'20	27° 0	4°16	3° 8	0°47	17°35	20°40	22°48	18°45	29°29	22°44	24°13	23°32	6°10	T 5
W 6	20 58 6	13°37'44	11♓55	3°49	3°38	1°24	17°44	20°47	22°48	18°44	29°31	22°42	24° 9	23°39	6°13	W 6
T 7	21 2 2	14°35'09	26°45	3°28	4°10	2° 1	17°53	20°55	22°47	18°42	29°32	22°D42	24° 6	23°46	6°15	T 7
F 8	21 5 59	15°32'36	11♈23	3°11	4°43	2°38	18° 1	21° 3	22°47	18°41	29°34	22°42	24° 3	23°52	6°17	F 8
S 9	21 9 55	16°30'03	25°45	3° 1	5°17	3°15	18°10	21°10	22°46	18°40	29°35	22°44	24° 0	23°59	6°19	S 9
S 10	21 13 52	17°27'32	9♉49	2°D56	5°52	3°52	18°19	21°18	22°46	18°38	29°37	22°45	23°57	24° 6	6°22	S 10
M11	21 17 49	18°25'02	23°34	2°59	6°29	4°29	18°28	21°26	22°45	18°37	29°39	22°R45	23°54	24°12	6°24	M11
T 12	21 21 45	19°22'33	7♊ 1	3° 8	7° 7	5° 7	18°38	21°33	22°44	18°36	29°40	22°44	23°50	24°19	6°26	T 12
W13	21 25 42	20°20'06	20°11	3°24	7°46	5°44	18°47	21°41	22°44	18°34	29°42	22°41	23°47	24°26	6°28	W13
T 14	21 29 38	21°17'40	3♋ 5	3°46	8°26	6°22	18°56	21°49	22°43	18°33	29°43	22°37	23°44	24°32	6°29	T 14
F 15	21 33 35	22°15'16	15°46	4°16	9° 8	6°59	19° 6	21°56	22°42	18°31	29°45	22°32	23°41	24°39	6°31	F 15
S 16	21 37 31	23°12'53	28°13	4°53	9°50	7°37	19°16	22° 4	22°41	18°30	29°46	22°27	23°38	24°45	6°33	S 16
S 17	21 41 28	24°10'31	10♌29	5°36	10°33	8°15	19°25	22°12	22°40	18°28	29°48	22°23	23°34	24°52	6°35	S 17
M18	21 45 24	25° 8'10	22°35	6°27	11°17	8°53	19°35	22°20	22°39	18°27	29°49	22°19	23°31	24°59	6°36	M18
T 19	21 49 21	26° 5'51	4♍33	7°23	12° 2	9°31	19°45	22°27	22°38	18°26	29°51	22°16	23°28	25° 5	6°38	T 19
W20	21 53 18	27° 3'32	16°25	8°27	12°48	10° 8	19°55	22°35	22°37	18°24	29°52	22°15	23°25	25°12	6°40	W20
T 21	21 57 14	28° 1'15	28°12	9°36	13°35	10°46	20° 5	22°43	22°36	18°22	29°54	22°D15	23°22	25°19	6°41	T 21
F 22	22 1 11	28°58'59	9♎58	10°51	14°22	11°25	20°15	22°50	22°35	18°21	29°55	22°16	23°19	25°25	6°42	F 22
S 23	22 5 7	29°56'45	21°47	12°12	15°11	12° 3	20°25	22°58	22°34	18°19	29°57	22°18	23°15	25°32	6°44	S 23
S 24	22 9 4	0♍54'31	3♏41	13°39	16° 0	12°41	20°36	23° 6	22°33	18°18	29°58	22°19	23°12	25°39	6°45	S 24
M25	22 13 0	1°52'19	15°46	15°10	16°50	13°19	20°46	23°13	22°32	18°16	29°59	22°21	23° 9	25°45	6°46	M25
T 26	22 16 57	2°50'08	28° 6	16°45	17°40	13°58	20°57	23°21	22°30	18°15	0♌ 1	22°R21	23° 6	25°52	6°47	T 26
W27	22 20 53	3°47'58	10♐46	18°25	18°31	14°36	21° 7	23°28	22°29	18°13	0° 2	22°21	23° 3	25°59	6°48	W27
T 28	22 24 50	4°45'49	23°49	20° 8	19°23	15°14	21°18	23°36	22°28	18°12	0° 4	22°20	23° 0	26° 5	6°50	T 28
F 29	22 28 46	5°43'42	7♑18	21°55	20°16	15°53	21°29	23°44	22°26	18°10	0° 5	22°19	22°56	26°12	6°50	F 29
S 30	22 32 43	6°41'35	21°15	23°44	21° 9	16°32	21°39	23°51	22°25	18° 8	0° 7	22°17	22°53	26°18	6°51	S 30
S 31	22 36 40	7♍39'30	5♒38	25♌36	22♋ 2	17♎10	21♎50	23♌59	22♈23	18♓ 7	0♌ 8	22♍15	22♍50	26♍25	6♊52	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	18n 2	18s17	5n 8	13n48	4s56	17n53	5s31	1n12	0n35	5s35	1n11	15n41	0n59	8n16	0s39	5s20	1s 0	22n 7	1n54	2n44	2n13	2n38	17n49	3s31	F 1
S 2	17 46	17 57	4 51	14 2	4 51	17 55	5 29	0 57	0 34	5 39	1 11	15 39	0 59	8 16	0 39	5 21	1 0	22 7	1 54	2 47	2 14	2 36	17 49	3 32	S 2
S 3	17 31	16 28	4 15	14 17	4 45	17 57	5 26	0 42	0 34	5 42	1 11	15 37	0 59	8 16	0 39	5 21	1 0	22 7	1 54	2 49	2 15	2 34	17 49	3 32	S 3
M 4	17 15	13 54	3 23	14 33	4 37	18 0	5 24	0 26	0 33	5 45	1 11	15 34	1 0	8 16	0 39	5 22	1 0	22 6	1 54	2 51	2 17	2 32	17 49	3 32	M 4
T 5	16 59	10 23	2 15	14 50	4 28	18 2	5 21	0 11	0 32	5 49	1 10	15 32	1 0	8 16	0 39	5 22	1 0	22 6	1 55	2 53	2 18	2 30	17 49	3 33	T 5
W 6	16 43	6 11	0 58	15 6	4 17	18 4	5 18	0s 4	0 31	5 52	1 10	15 29	1 0	8 15	0 39	5 23	1 0	22 6	1 55	2 54	2 19	2 29	17 50	3 33	W 6
T 7	16 26	1 38	0s22	15 23	4 5	18 7	5 14	0 20	0 31	5 56	1 10	15 27	1 0	8 15	0 39	5 23	1 0	22 6	1 55	2 54	2 20	2 27	17 50	3 33	T 7
F 8	16 10	2n57	1 40	15 39	3 52	18 9	5 11	0 35	0 30	5 59	1 10	15 25	1 0	8 15	0 39	5 24	1 0	22 5	1 55	2 53	2 22	2 25	17 50	3 33	F 8
S 9	15 52	7 17	2 51	15 56	3 38	18 12	5 7	0 51	0 29	6 3	1 10	15 22	1 0	8 15	0 39	5 24	1 0	22 5	1 55	2 53	2 23	2 23	17 50	3 34	S 9
S 10	15 35	11 7	3 49	16 11	3 23	18 14	5 3	1 6	0 28	6 6	1 9	15 20	1 0	8 15	0 39	5 25	1 0	22 5	1 55	2 52	2 24	2 21	17 50	3 34	S 10
M11	15 17	14 14	4 33	16 26	3 7	18 16	4 59	1 22	0 28	6 10	1 9	15 17	1 0	8 14	0 39	5 25	1 0	22 5	1 55	2 52	2 25	2 20	17 50	3 34	M11
T 12	15 0	16 31	5 1	16 40	2 51	18 19	4 55	1 37	0 27	6 14	1 9	15 15	1 0	8 14	0 39	5 26	1 0	22 4	1 55	2 53	2 27	2 18	17 50	3 35	T 12
W13	14 42	17 51	5 12	16 52	2 35	18 21	4 51	1 53	0 26	6 17	1 9	15 13	1 0	8 14	0 39	5 27	1 0	22 4	1 55	2 54	2 28	2 16	17 50	3 35	W13
T 14	14 23	18 15	5 7	17 3	2 18	18 23	4 47	2 8	0 25	6 21	1 9	15 10	1 0	8 13	0 39	5 27	1 0	22 4	1 55	2 56	2 29	2 14	17 50	3 35	T 14
F 15	14 5	17 43	4 48	17 13	2 1	18 24	4 42	2 24	0 25	6 25	1 9	15 8	1 0	8 13	0 39	5 28	1 0	22 4	1 55	2 57	2 30	2 12	17 50	3 36	F 15
S 16	13 46	16 21	4 14	17 21	1 44	18 26	4 38	2 39	0 24	6 29	1 8	15 5	1 0	8 13	0 39	5 28	1 0	22 3	1 55	2 59	2 32	2 10	17 50	3 36	S 16
S 17	13 27	14 14	3 30	17 26	1 27	18 28	4 33	2 55	0 23	6 32	1 8	15 3	1 0	8 12	0 39	5 29	1 0	22 3	1 56	3 1	2 33	2 9	17 50	3 36	S 17
M18	13 8	11 31	2 36	17 30	1 11	18 29	4 28	3 10	0 23	6 36	1 8	15 1	1 1	8 12	0 39	5 29	1 1	22 3	1 56	3 3	2 34	2 7	17 50	3 37	M18
T 19	12 48	8 20	1 36	17 32	0 54	18 30	4 23	3 26	0 22	6 40	1 8	14 58	1 1	8 12	0 39	5 30	1 1	22 3	1 56	3 4	2 35	2 5	17 50	3 37	T 19
W20	12 29	4 52	0 32	17 31	0 39	18 31	4 18	3 41	0 21	6 44	1 8	14 56	1 1	8 11	0 39	5 31	1 1	22 2	1 56	3 4	2 37	2 3	17 50	3 37	W20
T 21	12 9	1 13	0n33	17 27	0 24	18 31	4 13	3 57	0 20	6 48	1 8	14 53	1 1	8 11	0 39	5 31	1 1	22 2	1 56	3 4	2 38	2 1	17 50	3 38	T 21
F 22	11 49	2s28	1 36	17 21	0 9	18 31	4 8	4 12	0 20	6 52	1 7	14 51	1 1	8 10	0 39	5 32	1 1	22 2	1 56	3 4	2 39	2 0	17 50	3 38	F 22
S 23	11 29	6 4	2 36	17 12	0n 5	18 31	4 3	4 28	0 19	6 56	1 7	14 48	1 1	8 10	0 39	5 33	1 1	22 2	1 56	3 3	2 40	1 58	17 49	3 38	S 23
S 24	11 8	9 27	3 29	17 0	0 18	18 31	3 58	4 43	0 18	7 0	1 7	14 46	1 1	8 10	0 39	5 33	1 1	22 2	1 56	3 3	2 42	1 56	17 49	3 39	S 24
M25	10 48	12 29	4 14	16 45	0 30	18 30	3 53	4 59	0 18	7 4	1 7	14 44	1 1	8 9	0 39	5 34	1 1	22 1	1 56	3 2	2 43	1 54	17 49	3 39	M25
T 26	10 27	15 1	4 49	16 28	0 42	18 29	3 47	5 14	0 17	7 8	1 7	14 41	1 1	8 9	0 39	5 34	1 1	22 1	1 56	3 2	2 44	1 52	17 49	3 39	T 26
W27	10 6	16 55	5 10	16 7	0 53	18 28	3 42	5 30	0 16	7 12	1 7	14 39	1 1	8 8	0 39	5 35	1 1	22 1	1 56	3 2	2 45	1 50	17 49	3 40	W27
T 28	9 45	18 0	5 16	15 44	1 2	18 26	3 37	5 45	0 16	7 16	1 6	14 36	1 1	8 7	0 39	5 36	1 1	22 1	1 56	3 2	2 47	1 49	17 49	3 40	T 28
F 29	9 24	18 7	5 6	15 18	1 11	18 24	3 31	6 1	0 15	7 20	1 6	14 34	1 1	8 7	0 39	5 36	1 1	22 0	1 57	3 3	2 48	1 47	17 49	3 40	F 29
S 30	9 3	17 10	4 37	14 50	1 18	18 22	3 26	6 16	0 14	7 25	1 6	14 31	1 2	8 6	0 39	5 37	1 1	22 0	1 57	3 4	2 49	1 45	17 48	3 41	S 30
S 31	8n41	15s 7	3n51	14n19	1n25	18n19	3s20	6s32	0n13	7s29	1n 6	14n29	1n 2	8n 6	0s39	5s38	1s 1	22n 0	1n57	3n 4	2n50	1n43	17n48	3s41	S 31

Julian Day Number = 2518596.5, Delta T = 147.80 sec
Ecliptic obliquity = 23°24'46, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°18'21, Lahiri = 26°25'21

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2183
geocentric

SEPTEMBER 2183 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 40 36	8♍37'27	20♒24	27♌29	22♋57	17♎49	22♎ 1	24♌ 6	22°R22	18°R 5	0♌ 9	22°R13	22♍47	26♍32	6♊53	M 1
T 2	22 44 33	9°35'24	5♓26	29°24	23°51	18°28	22°12	24°14	22♈20	18♓ 3	0°11	22♍12	22°44	26°38	6°54	T 2
W 3	22 48 29	10°33'24	20°36	1♍20	24°47	19° 7	22°23	24°21	22°19	18° 2	0°12	22°D12	22°40	26°45	6°54	W 3
T 4	22 52 26	11°31'24	5♈44	3°17	25°43	19°46	22°35	24°29	22°17	18° 0	0°13	22°12	22°37	26°52	6°55	T 4
F 5	22 56 22	12°29'27	20°41	5°14	26°39	20°24	22°46	24°36	22°15	17°59	0°14	22°13	22°34	26°58	6°55	F 5
S 6	23 0 19	13°27'32	5♉20	7°12	27°36	21° 4	22°57	24°44	22°14	17°57	0°16	22°14	22°31	27° 5	6°56	S 6
S 7	23 4 15	14°25'38	19°37	9° 9	28°33	21°43	23° 9	24°51	22°12	17°55	0°17	22°14	22°28	27°12	6°56	S 7
M 8	23 8 12	15°23'47	3♊30	11° 6	29°31	22°22	23°20	24°58	22°10	17°54	0°18	22°15	22°25	27°18	6°57	M 8
T 9	23 12 9	16°21'57	16°59	13° 3	0♌30	23° 1	23°32	25° 6	22° 8	17°52	0°19	22°R15	22°21	27°25	6°57	T 9
W10	23 16 5	17°20'10	0♋ 4	14°58	1°28	23°40	23°43	25°13	22° 6	17°50	0°21	22°15	22°18	27°32	6°57	W10
T 11	23 20 2	18°18'25	12°50	16°54	2°28	24°20	23°55	25°20	22° 4	17°49	0°22	22°14	22°15	27°38	6°57	T 11
F 12	23 23 58	19°16'41	25°18	18°48	3°27	24°59	24° 6	25°28	22° 3	17°47	0°23	22°14	22°12	27°45	6°R57	F 12
S 13	23 27 55	20°15'00	7♌33	20°41	4°27	25°39	24°18	25°35	22° 1	17°45	0°24	22°14	22° 9	27°52	6°57	S 13
S 14	23 31 51	21°13'20	19°36	22°34	5°28	26°18	24°30	25°42	21°59	17°44	0°25	22°14	22° 5	27°58	6°57	S 14
M15	23 35 48	22°11'43	1♍32	24°25	6°28	26°58	24°42	25°49	21°57	17°42	0°26	22°D13	22° 2	28° 5	6°57	M15
T 16	23 39 44	23°10'07	13°23	26°16	7°29	27°38	24°54	25°56	21°55	17°40	0°27	22°14	21°59	28°11	6°57	T 16
W17	23 43 41	24° 8'33	25°11	28° 5	8°31	28°17	25° 6	26° 4	21°53	17°39	0°28	22°R14	21°56	28°18	6°57	W17
T 18	23 47 38	25° 7'01	6♎57	29°53	9°33	28°57	25°18	26°11	21°50	17°37	0°30	22°13	21°53	28°25	6°56	T 18
F 19	23 51 34	26° 5'31	18°46	1♎41	10°35	29°37	25°30	26°18	21°48	17°36	0°31	22°13	21°50	28°31	6°56	F 19
S 20	23 55 31	27° 4'03	0♏39	3°27	11°37	0♏17	25°42	26°25	21°46	17°34	0°32	22°13	21°46	28°38	6°55	S 20
S 21	23 59 27	28° 2'36	12°38	5°12	12°40	0°57	25°54	26°32	21°44	17°32	0°33	22°12	21°43	28°45	6°55	S 21
M22	0 3 24	29° 1'12	24°47	6°56	13°43	1°37	26° 6	26°39	21°42	17°31	0°34	22°11	21°40	28°51	6°54	M22
T 23	0 7 20	29°59'49	7♐ 9	8°39	14°46	2°17	26°19	26°45	21°40	17°29	0°34	22°10	21°37	28°58	6°53	T 23
W24	0 11 17	0♎58'27	19°47	10°21	15°50	2°58	26°31	26°52	21°37	17°27	0°35	22°10	21°34	29° 5	6°53	W24
T 25	0 15 13	1°57'08	2♑46	12° 2	16°54	3°38	26°43	26°59	21°35	17°26	0°36	22°D10	21°31	29°11	6°52	T 25
F 26	0 19 10	2°55'50	16° 7	13°42	17°58	4°18	26°56	27° 6	21°33	17°24	0°37	22°10	21°27	29°18	6°51	F 26
S 27	0 23 6	3°54'33	29°53	15°21	19° 3	4°59	27° 8	27°13	21°31	17°23	0°38	22°10	21°24	29°25	6°50	S 27
S 28	0 27 3	4°53'19	14♒ 5	16°59	20° 8	5°39	27°21	27°19	21°28	17°21	0°39	22°11	21°21	29°31	6°49	S 28
M29	0 31 0	5°52'06	28°41	18°36	21°13	6°20	27°33	27°26	21°26	17°20	0°40	22°12	21°18	29°38	6°48	M29
T 30	0 34 56	6♎50'54	13♓37	20♎12	22♌18	7♏ 0	27♎46	27♌32	21♈24	17♓18	0♌41	22♍13	21♍15	29♍44	6♊47	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
M 1	8n20	12s 1	2n47	13n45	1n31	18n16	3s15	6s47	0n13	7s33	1n 6	14n27	1n 2	8n 5	0s39	5s38	1s 1	22n 0	1n57	3n 5	2n52	1n41	17n48	3s41	M 1
T 2	7 58	8 5	1 32	13 10	1 36	18 12	3 9	7 3	0 12	7 37	1 6	14 24	1 2	8 5	0 39	5 39	1 1	22 0	1 57	3 5	2 53	1 39	17 48	3 42	T 2
W 3	7 36	3 35	0 9	12 32	1 40	18 8	3 4	7 18	0 11	7 41	1 6	14 22	1 2	8 4	0 39	5 40	1 1	22 0	1 57	3 5	2 54	1 38	17 48	3 42	W 3
T 4	7 14	1n 8	1s14	11 53	1 43	18 4	2 58	7 33	0 11	7 46	1 5	14 19	1 2	8 3	0 39	5 40	1 1	21 59	1 57	3 5	2 56	1 36	17 47	3 42	T 4
F 5	6 52	5 43	2 32	11 12	1 45	17 59	2 53	7 49	0 10	7 50	1 5	14 17	1 2	8 3	0 39	5 41	1 1	21 59	1 57	3 5	2 57	1 34	17 47	3 43	F 5
S 6	6 30	9 52	3 38	10 30	1 46	17 53	2 47	8 4	0 9	7 54	1 5	14 15	1 2	8 2	0 39	5 42	1 1	21 59	1 57	3 5	2 58	1 32	17 47	3 43	S 6
S 7	6 7	13 19	4 28	9 47	1 47	17 47	2 41	8 19	0 9	7 59	1 5	14 12	1 2	8 1	0 39	5 42	1 1	21 59	1 57	3 5	2 59	1 30	17 46	3 43	S 7
M 8	5 45	15 54	5 1	9 2	1 47	17 41	2 36	8 34	0 8	8 3	1 5	14 10	1 3	8 1	0 39	5 43	1 1	21 59	1 58	3 4	3 1	1 28	17 46	3 44	M 8
T 9	5 22	17 31	5 17	8 17	1 46	17 35	2 30	8 50	0 7	8 7	1 5	14 8	1 3	8 0	0 39	5 44	1 1	21 58	1 58	3 4	3 2	1 27	17 46	3 44	T 9
W10	5 0	18 10	5 15	7 31	1 45	17 27	2 25	9 5	0 7	8 12	1 5	14 5	1 3	7 59	0 39	5 44	1 1	21 58	1 58	3 4	3 3	1 25	17 46	3 44	W10
T 11	4 37	17 51	4 58	6 45	1 43	17 20	2 19	9 20	0 6	8 16	1 5	14 3	1 3	7 59	0 39	5 45	1 1	21 58	1 58	3 5	3 4	1 23	17 45	3 45	T 11
F 12	4 14	16 41	4 27	5 58	1 40	17 12	2 14	9 35	0 5	8 20	1 4	14 1	1 3	7 58	0 39	5 45	1 1	21 58	1 58	3 5	3 6	1 21	17 45	3 45	F 12
S 13	3 52	14 45	3 44	5 10	1 37	17 3	2 8	9 50	0 5	8 25	1 4	13 58	1 3	7 57	0 39	5 46	1 1	21 58	1 58	3 5	3 7	1 19	17 45	3 45	S 13
S 14	3 29	12 12	2 52	4 23	1 34	16 54	2 2	10 5	0 4	8 29	1 4	13 56	1 3	7 56	0 39	5 47	1 1	21 58	1 58	3 5	3 8	1 17	17 44	3 46	S 14
M15	3 6	9 10	1 53	3 35	1 30	16 45	1 57	10 20	0 3	8 34	1 4	13 54	1 3	7 56	0 39	5 47	1 1	21 58	1 58	3 5	3 9	1 16	17 44	3 46	M15
T 16	2 43	5 46	0 49	2 47	1 25	16 35	1 51	10 35	0 3	8 38	1 4	13 51	1 3	7 55	0 40	5 48	1 1	21 57	1 58	3 5	3 11	1 14	17 44	3 46	T 16
W17	2 19	2 10	0n16	2 0	1 21	16 25	1 46	10 50	0 2	8 43	1 4	13 49	1 4	7 54	0 40	5 49	1 1	21 57	1 58	3 5	3 12	1 12	17 43	3 47	W17
T 18	1 56	1s31	1 21	1 12	1 16	16 14	1 41	11 4	0 1	8 47	1 4	13 47	1 4	7 53	0 40	5 49	1 1	21 57	1 59	3 5	3 13	1 10	17 43	3 47	T 18
F 19	1 33	5 9	2 22	0 24	1 10	16 2	1 35	11 19	0 1	8 52	1 4	13 44	1 4	7 53	0 40	5 50	1 1	21 57	1 59	3 5	3 14	1 8	17 42	3 47	F 19
S 20	1 10	8 36	3 18	0s23	1 5	15 51	1 30	11 34	0s 0	8 56	1 4	13 42	1 4	7 52	0 40	5 51	1 1	21 57	1 59	3 5	3 16	1 7	17 42	3 48	S 20
S 21	0 47	11 43	4 5	1 10	0 59	15 38	1 24	11 48	0 1	9 1	1 3	13 40	1 4	7 51	0 40	5 51	1 1	21 57	1 59	3 6	3 17	1 5	17 42	3 48	S 21
M22	0 23	14 23	4 42	1 57	0 53	15 26	1 19	12 3	0 1	9 5	1 3	13 38	1 4	7 50	0 40	5 52	1 1	21 57	1 59	3 6	3 18	1 3	17 41	3 48	M22
T 23	0 0	16 26	5 7	2 43	0 46	15 12	1 14	12 17	0 2	9 10	1 3	13 35	1 4	7 49	0 40	5 53	1 1	21 57	1 59	3 6	3 19	1 1	17 41	3 49	T 23
W24	0s23	17 45	5 17	3 29	0 40	14 59	1 9	12 32	0 3	9 14	1 3	13 33	1 5	7 49	0 40	5 53	1 1	21 57	1 59	3 6	3 21	0 59	17 40	3 49	W24
T 25	0 47	18 11	5 12	4 14	0 33	14 45	1 3	12 46	0 3	9 19	1 3	13 31	1 5	7 48	0 40	5 54	1 1	21 56	1 59	3 6	3 22	0 57	17 40	3 49	T 25
F 26	1 10	17 38	4 50	4 59	0 27	14 30	0 58	13 0	0 4	9 23	1 3	13 29	1 5	7 47	0 40	5 54	1 1	21 56	1 59	3 6	3 23	0 55	17 39	3 50	F 26
S 27	1 33	16 3	4 11	5 44	0 20	14 15	0 53	13 14	0 5	9 28	1 3	13 27	1 5	7 46	0 40	5 55	1 1	21 56	2 0	3 6	3 24	0 54	17 39	3 50	S 27
S 28	1 56	13 27	3 16	6 28	0 13	14 0	0 48	13 28	0 5	9 32	1 3	13 25	1 5	7 45	0 40	5 56	1 1	21 56	2 0	3 6	3 26	0 52	17 38	3 50	S 28
M29	2 20	9 56	2 7	7 12	0 6	13 44	0 43	13 42	0 6	9 37	1 3	13 22	1 5	7 44	0 40	5 56	1 1	21 56	2 0	3 5	3 27	0 50	17 38	3 51	M29
T 30	2s43	5s42	0n48	7s55	0s 1	13n28	0s38	13s56	0s 7	9s42	1n 3	13n20	1n 5	7n43	0s40	5s57	1s 1	21n56	2n 0	3n 5	3n28	0n48	17n37	3s51	T 30

Julian Day Number = 2518627.5, Delta T = 147.87 sec
Ecliptic obliquity = 23°24'47, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°18'25, Lahiri = 26°25'25

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2183
geocentric

OCTOBER 2183 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 38 53	7♎49'45	28♓46	21♎48	23♌23	7♏41	27♎58	27♌39	21°R21	17°R17	0♌41	22°R13	21♍11	29♍51	6°R46	W 1
T 2	0 42 49	8°48'37	13♈59	23°22	24°29	8°22	28°11	27°45	21♈19	17♓15	0°42	22♍12	21° 8	29°58	6♊44	T 2
F 3	0 46 46	9°47'32	29° 6	24°56	25°35	9° 3	28°24	27°52	21°17	17°13	0°43	22°11	21° 5	0♎ 4	6°43	F 3
S 4	0 50 42	10°46'29	13♉59	26°28	26°41	9°43	28°36	27°58	21°14	17°12	0°44	22° 9	21° 2	0°11	6°42	S 4
S 5	0 54 39	11°45'27	28°30	28° 0	27°48	10°24	28°49	28° 4	21°12	17°11	0°44	22° 6	20°59	0°18	6°40	S 5
M 6	0 58 35	12°44'29	12♊34	29°31	28°55	11° 5	29° 2	28°11	21°10	17° 9	0°45	22° 4	20°56	0°24	6°39	M 6
T 7	1 2 32	13°43'32	26°10	1♏ 1	0♍ 1	11°46	29°15	28°17	21° 7	17° 8	0°46	22° 2	20°52	0°31	6°37	T 7
W 8	1 6 29	14°42'38	9♋19	2°30	1° 9	12°28	29°27	28°23	21° 5	17° 6	0°46	22°D 1	20°49	0°38	6°36	W 8
T 9	1 10 25	15°41'46	22° 4	3°59	2°16	13° 9	29°40	28°29	21° 2	17° 5	0°47	22° 1	20°46	0°44	6°34	T 9
F 10	1 14 22	16°40'57	4♌28	5°26	3°23	13°50	29°53	28°35	21° 0	17° 3	0°47	22° 2	20°43	0°51	6°32	F 10
S 11	1 18 18	17°40'10	16°37	6°53	4°31	14°31	0♏ 6	28°41	20°57	17° 2	0°48	22° 3	20°40	0°58	6°31	S 11
S 12	1 22 15	18°39'24	28°34	8°19	5°39	15°13	0°19	28°47	20°55	17° 1	0°48	22° 5	20°36	1° 4	6°29	S 12
M13	1 26 11	19°38'42	10♍24	9°44	6°47	15°54	0°32	28°53	20°53	16°59	0°49	22° 7	20°33	1°11	6°27	M13
T 14	1 30 8	20°38'01	22°11	11° 7	7°56	16°36	0°45	28°58	20°50	16°58	0°49	22°R 7	20°30	1°18	6°25	T 14
W15	1 34 4	21°37'23	3♎57	12°30	9° 4	17°17	0°58	29° 4	20°48	16°57	0°50	22° 6	20°27	1°24	6°23	W15
T 16	1 38 1	22°36'46	15°47	13°52	10°13	17°59	1°11	29°10	20°45	16°55	0°50	22° 4	20°24	1°31	6°21	T 16
F 17	1 41 58	23°36'12	27°42	15°13	11°22	18°41	1°24	29°15	20°43	16°54	0°51	22° 0	20°21	1°37	6°19	F 17
S 18	1 45 54	24°35'40	9♏43	16°33	12°31	19°22	1°37	29°21	20°40	16°53	0°51	21°55	20°17	1°44	6°16	S 18
S 19	1 49 51	25°35'09	21°53	17°52	13°40	20° 4	1°50	29°26	20°38	16°52	0°51	21°49	20°14	1°51	6°14	S 19
M20	1 53 47	26°34'41	4♐13	19° 9	14°49	20°46	2° 3	29°31	20°36	16°51	0°52	21°43	20°11	1°57	6°12	M20
T 21	1 57 44	27°34'15	16°44	20°25	15°59	21°28	2°16	29°37	20°33	16°49	0°52	21°37	20° 8	2° 4	6°10	T 21
W22	2 1 40	28°33'50	29°28	21°40	17° 8	22°10	2°29	29°42	20°31	16°48	0°52	21°32	20° 5	2°11	6° 7	W22
T 23	2 5 37	29°33'27	12♑28	22°53	18°18	22°52	2°42	29°47	20°28	16°47	0°52	21°29	20° 2	2°17	6° 5	T 23
F 24	2 9 33	0♏33'06	25°46	24° 5	19°28	23°34	2°55	29°52	20°26	16°46	0°53	21°D28	19°58	2°24	6° 2	F 24
S 25	2 13 30	1°32'47	9♒22	25°15	20°38	24°16	3° 8	29°57	20°24	16°45	0°53	21°28	19°55	2°31	6° 0	S 25
S 26	2 17 27	2°32'29	23°19	26°22	21°48	24°59	3°21	0♍ 2	20°21	16°44	0°53	21°29	19°52	2°37	5°57	S 26
M27	2 21 23	3°32'12	7♓38	27°28	22°58	25°41	3°34	0° 6	20°19	16°43	0°53	21°31	19°49	2°44	5°55	M27
T 28	2 25 20	4°31'58	22°15	28°31	24° 9	26°23	3°47	0°11	20°16	16°42	0°53	21°R31	19°46	2°51	5°52	T 28
W29	2 29 16	5°31'45	7♈ 8	29°32	25°20	27° 6	4° 0	0°16	20°14	16°41	0°53	21°30	19°42	2°57	5°49	W29
T 30	2 33 13	6°31'34	22° 9	0♐30	26°30	27°48	4°13	0°20	20°12	16°40	0°54	21°27	19°39	3° 4	5°47	T 30
F 31	2 37 9	7♏31'25	7♉10	1♐24	27♍41	28♏31	4♏26	0♍25	20♈10	16♓39	0♌54	21♍22	19♍36	3♎11	5♊44	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		⚸		⚷		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
W 1	3s 6	1s 3	0s36	8s37	0s 8	13n11	0s33	14s10	0s 7	9s46	1n 3	13n18	1n 6	7n42	0s40	5s57	1s 1	21n56	2n 0	3n 5		3n29		0n46		17n37	3s51
T 2	3 29	3n42	1 58	9 19	0 16	12 54	0 28	14 24	0 8	9 51	1 2	13 16	1 6	7 42	0 40	5 58	1 1	21 56	2 0	3 5		3 31		0 44		17 36	3 52
F 3	3 53	8 10	3 10	10 0	0 23	12 36	0 24	14 38	0 8	9 55	1 2	13 14	1 6	7 41	0 40	5 59	1 1	21 56	2 0	3 6		3 32		0 43		17 36	3 52
S 4	4 16	12 3	4 9	10 40	0 30	12 19	0 19	14 51	0 9	10 0	1 2	13 12	1 6	7 40	0 40	5 59	1 1	21 56	2 0	3 7		3 33		0 41		17 35	3 52
S 5	4 39	15 5	4 50	11 20	0 37	12 0	0 14	15 5	0 10	10 4	1 2	13 10	1 6	7 39	0 40	6 0	1 1	21 56	2 0	3 8		3 34		0 39		17 35	3 53
M 6	5 2	17 8	5 12	11 59	0 45	11 41	0 10	15 18	0 10	10 9	1 2	13 8	1 6	7 38	0 40	6 0	1 1	21 56	2 1	3 9		3 36		0 37		17 34	3 53
T 7	5 25	18 7	5 15	12 38	0 52	11 22	0 5	15 31	0 11	10 13	1 2	13 6	1 6	7 37	0 40	6 1	1 1	21 56	2 1	3 10		3 37		0 35		17 34	3 53
W 8	5 47	18 4	5 2	13 15	0 59	11 3	0 1	15 45	0 12	10 18	1 2	13 4	1 7	7 36	0 40	6 1	1 1	21 56	2 1	3 10		3 38		0 33		17 33	3 54
T 9	6 10	17 6	4 34	13 52	1 6	10 43	0n 4	15 58	0 12	10 23	1 2	13 2	1 7	7 35	0 40	6 2	1 1	21 56	2 1	3 10		3 39		0 32		17 32	3 54
F 10	6 33	15 21	3 53	14 28	1 13	10 23	0 8	16 11	0 13	10 27	1 2	13 0	1 7	7 34	0 40	6 2	1 1	21 56	2 1	3 10		3 41		0 30		17 32	3 54
S 11	6 56	12 55	3 3	15 4	1 20	10 2	0 12	16 23	0 13	10 32	1 2	12 58	1 7	7 34	0 40	6 3	1 1	21 56	2 1	3 9		3 42		0 28		17 31	3 54
S 12	7 18	9 59	2 6	15 38	1 27	9 41	0 17	16 36	0 14	10 36	1 2	12 56	1 7	7 33	0 40	6 4	1 1	21 56	2 1	3 8		3 43		0 26		17 31	3 55
M13	7 41	6 40	1 4	16 12	1 34	9 20	0 21	16 49	0 15	10 41	1 2	12 54	1 7	7 32	0 40	6 4	1 1	21 56	2 1	3 8		3 44		0 24		17 30	3 55
T 14	8 3	3 6	0n 0	16 45	1 41	8 58	0 25	17 1	0 15	10 45	1 2	12 53	1 8	7 31	0 40	6 5	1 1	21 56	2 1	3 7		3 46		0 22		17 29	3 55
W15	8 25	0s35	1 5	17 16	1 47	8 36	0 29	17 14	0 16	10 50	1 2	12 51	1 8	7 30	0 40	6 5	1 1	21 56	2 2	3 8		3 47		0 21		17 29	3 56
T 16	8 47	4 16	2 6	17 47	1 54	8 14	0 32	17 26	0 16	10 54	1 2	12 49	1 8	7 29	0 40	6 6	1 1	21 56	2 2	3 9		3 48		0 19		17 28	3 56
F 17	9 9	7 48	3 3	18 17	2 0	7 51	0 36	17 38	0 17	10 59	1 2	12 47	1 8	7 28	0 40	6 6	1 1	21 56	2 2	3 10		3 49		0 17		17 27	3 56
S 18	9 31	11 3	3 51	18 47	2 6	7 28	0 40	17 50	0 18	11 4	1 1	12 45	1 8	7 27	0 40	6 6	1 1	21 56	2 2	3 12		3 51		0 15		17 27	3 57
S 19	9 53	13 52	4 30	19 15	2 12	7 5	0 44	18 2	0 18	11 8	1 1	12 44	1 8	7 26	0 40	6 7	1 1	21 56	2 2	3 14		3 52		0 13		17 26	3 57
M20	10 14	16 6	4 57	19 42	2 17	6 42	0 47	18 14	0 19	11 13	1 1	12 42	1 9	7 25	0 40	6 7	1 1	21 56	2 2	3 17		3 53		0 11		17 25	3 57
T 21	10 36	17 36	5 10	20 7	2 23	6 18	0 51	18 25	0 19	11 17	1 1	12 40	1 9	7 24	0 40	6 8	1 1	21 56	2 2	3 19		3 54		0 9		17 25	3 57
W22	10 57	18 16	5 8	20 32	2 28	5 54	0 54	18 37	0 20	11 22	1 1	12 39	1 9	7 24	0 40	6 8	1 1	21 56	2 2	3 21		3 56		0 8		17 24	3 58
T 23	11 18	18 0	4 51	20 56	2 33	5 30	0 57	18 48	0 21	11 26	1 1	12 37	1 9	7 23	0 40	6 9	1 1	21 56	2 3	3 22		3 57		0 6		17 23	3 58
F 24	11 39	16 45	4 17	21 18	2 37	5 6	1 0	18 59	0 21	11 31	1 1	12 35	1 9	7 22	0 39	6 9	1 1	21 56	2 3	3 23		3 58		0 4		17 23	3 58
S 25	12 0	14 32	3 29	21 40	2 41	4 41	1 4	19 10	0 22	11 35	1 1	12 34	1 10	7 21	0 39	6 9	1 1	21 56	2 3	3 23		3 59		0 2		17 22	3 58
S 26	12 20	11 25	2 27	22 0	2 45	4 16	1 7	19 21	0 22	11 40	1 1	12 32	1 10	7 20	0 39	6 10	1 1	21 56	2 3	3 22		4 1		0 0		17 21	3 59
M27	12 41	7 32	1 15	22 18	2 48	3 51	1 10	19 32	0 23	11 44	1 1	12 31	1 10	7 19	0 39	6 10	1 1	21 56	2 3	3 22		4 2		0s 2		17 21	3 59
T 28	13 1	3 8	0s 4	22 35	2 51	3 26	1 12	19 42	0 24	11 48	1 1	12 29	1 10	7 18	0 39	6 11	1 1	21 56	2 3	3 22		4 3		0 3		17 20	3 59
W29	13 21	1n33	1 24	22 51	2 54	3 0	1 15	19 53	0 24	11 53	1 1	12 28	1 10	7 17	0 39	6 11	1 1	21 57	2 3	3 22		4 4		0 5		17 19	3 59
T 30	13 41	6 10	2 38	23 5	2 55	2 35	1 18	20 3	0 25	11 57	1 1	12 26	1 10	7 17	0 39	6 11	1 1	21 57	2 3	3 23		4 6		0 7		17 19	4 0
F 31	14s 0	10n24	3s42	23s18	2s57	2n 9	1n20	20s13	0s25	12s 2	1n 1	12n25	1n11	7n16	0s39	6s12	1s 1	21n57	2n 4	3n25		4n 7		0s 9		17n18	4s 0

Julian Day Number = 2518657.5, Delta T = 147.94 sec
Ecliptic obliquity = 23°24'47, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°18'29, Lahiri = 26°25'29

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2183
geocentric

NOVEMBER 2183 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 41 6	8♏31'18	22♉ 3	2♐15	28♍52	29♏14	4♏39	0♍29	20°R 7	16°R38	0°R54	21°R15	19♍33	3♎17	5°R41	S 1
S 2	2 45 2	9°31'13	6♊38	3° 2	0♎ 3	29°56	4°53	0°33	20♈ 5	16♓37	0♌54	21♍ 7	19°30	3°24	5♊38	S 2
M 3	2 48 59	10°31'10	20°49	3°44	1°14	0♐39	5° 6	0°38	20° 3	16°37	0°54	21° 0	19°27	3°30	5°35	M 3
T 4	2 52 55	11°31'09	4♋32	4°22	2°26	1°22	5°19	0°42	20° 1	16°36	0°53	20°53	19°23	3°37	5°32	T 4
W 5	2 56 52	12°31'10	17°47	4°54	3°37	2° 5	5°32	0°46	19°58	16°35	0°53	20°48	19°20	3°44	5°29	W 5
T 6	3 0 49	13°31'13	0♌36	5°20	4°49	2°48	5°45	0°50	19°56	16°34	0°53	20°45	19°17	3°50	5°26	T 6
F 7	3 4 45	14°31'19	13° 2	5°39	6° 1	3°31	5°58	0°54	19°54	16°34	0°53	20°D44	19°14	3°57	5°23	F 7
S 8	3 8 42	15°31'26	25°10	5°51	7°12	4°14	6°11	0°57	19°52	16°33	0°53	20°44	19°11	4° 4	5°20	S 8
S 9	3 12 38	16°31'35	7♍ 6	5°R55	8°24	4°57	6°24	1° 1	19°50	16°32	0°53	20°45	19° 8	4°10	5°17	S 9
M10	3 16 35	17°31'47	18°54	5°51	9°36	5°40	6°37	1° 4	19°48	16°32	0°53	20°R46	19° 4	4°17	5°14	M10
T 11	3 20 31	18°32'00	0♎40	5°37	10°48	6°23	6°50	1° 8	19°46	16°31	0°52	20°45	19° 1	4°24	5°11	T 11
W12	3 24 28	19°32'16	12°29	5°14	12° 0	7° 7	7° 3	1°11	19°44	16°31	0°52	20°43	18°58	4°30	5° 8	W12
T 13	3 28 24	20°32'33	24°23	4°40	13°13	7°50	7°16	1°15	19°42	16°30	0°52	20°37	18°55	4°37	5° 5	T 13
F 14	3 32 21	21°32'52	6♏26	3°57	14°25	8°33	7°29	1°18	19°40	16°30	0°51	20°30	18°52	4°44	5° 1	F 14
S 15	3 36 18	22°33'13	18°39	3° 4	15°38	9°17	7°41	1°21	19°38	16°29	0°51	20°20	18°48	4°50	4°58	S 15
S 16	3 40 14	23°33'36	1♐ 4	2° 2	16°50	10° 0	7°54	1°24	19°36	16°29	0°51	20° 8	18°45	4°57	4°55	S 16
M17	3 44 11	24°34'01	13°41	0°52	18° 3	10°44	8° 7	1°27	19°34	16°28	0°50	19°56	18°42	5° 4	4°52	M17
T 18	3 48 7	25°34'27	26°30	29♏37	19°16	11°28	8°20	1°29	19°32	16°28	0°50	19°44	18°39	5°10	4°48	T 18
W19	3 52 4	26°34'54	9♑31	28°17	20°28	12°11	8°33	1°32	19°30	16°28	0°50	19°34	18°36	5°17	4°45	W19
T 20	3 56 0	27°35'23	22°43	26°56	21°41	12°55	8°45	1°35	19°28	16°27	0°49	19°27	18°33	5°24	4°42	T 20
F 21	3 59 57	28°35'53	6♒ 7	25°37	22°54	13°39	8°58	1°37	19°27	16°27	0°49	19°22	18°29	5°30	4°39	F 21
S 22	4 3 53	29°36'25	19°43	24°21	24° 7	14°23	9°11	1°40	19°25	16°27	0°48	19°20	18°26	5°37	4°35	S 22
S 23	4 7 50	0♐36'57	3♓33	23°11	25°20	15° 7	9°24	1°42	19°23	16°27	0°48	19°D20	18°23	5°43	4°32	S 23
M24	4 11 47	1°37'31	17°36	22°10	26°33	15°51	9°36	1°44	19°22	16°27	0°47	19°R20	18°20	5°50	4°29	M24
T 25	4 15 43	2°38'06	1♈53	21°19	27°47	16°35	9°49	1°46	19°20	16°26	0°46	19°19	18°17	5°57	4°25	T 25
W26	4 19 40	3°38'42	16°22	20°39	29° 0	17°19	10° 1	1°48	19°19	16°26	0°46	19°17	18°14	6° 3	4°22	W26
T 27	4 23 36	4°39'19	0♉59	20°11	0♏13	18° 3	10°14	1°50	19°17	16°26	0°45	19°12	18°10	6°10	4°19	T 27
F 28	4 27 33	5°39'57	15°39	19°54	1°27	18°47	10°26	1°51	19°16	16°D26	0°45	19° 4	18° 7	6°17	4°15	F 28
S 29	4 31 29	6°40'37	0♊14	19°D48	2°40	19°32	10°39	1°53	19°14	16°26	0°44	18°53	18° 4	6°23	4°12	S 29
S 30	4 35 26	7♐41'18	14♊37	19♏54	3♏54	20♐16	10♏51	1♍55	19♈13	16♓26	0♌43	18♍41	18♍ 1	6♎30	4♊ 9	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	14s20	13n55	4s29	23s29	2s57	1n43	1n23	20s23	0s26	12s 6	1n 1	12n24	1n11	7n15	0s39	6s12	1s 1	21n57	2n 4	3n28	4n 8	0s11	17n17	4s 0	S 1
S 2	14 39	16 30	4 58	23 38	2 57	1 17	1 25	20 33	0 26	12 10	1 1	12 22	1 11	7 14	0 39	6 12	1 1	21 57	2 4	3 31	4 9	0 13	17 17	4 0	S 2
M 3	14 58	17 59	5 8	23 46	2 56	0 51	1 28	20 42	0 27	12 15	1 1	12 21	1 11	7 13	0 39	6 13	1 1	21 57	2 4	3 34	4 10	0 15	17 16	4 1	M 3
T 4	15 16	18 21	4 59	23 51	2 54	0 24	1 30	20 52	0 28	12 19	1 1	12 20	1 11	7 12	0 39	6 13	1 1	21 57	2 4	3 37	4 12	0 16	17 15	4 1	T 4
W 5	15 35	17 42	4 35	23 54	2 52	0s 2	1 32	21 1	0 28	12 24	1 1	12 18	1 12	7 12	0 39	6 13	1 1	21 57	2 4	3 39	4 13	0 18	17 14	4 1	W 5
T 6	15 53	16 9	3 57	23 55	2 48	0 28	1 34	21 10	0 29	12 28	1 1	12 17	1 12	7 11	0 39	6 13	1 0	21 57	2 4	3 40	4 14	0 20	17 14	4 1	T 6
F 7	16 11	13 52	3 9	23 54	2 43	0 55	1 36	21 19	0 29	12 32	1 1	12 16	1 12	7 10	0 39	6 14	1 0	21 58	2 4	3 40	4 15	0 22	17 13	4 1	F 7
S 8	16 28	11 1	2 13	23 50	2 36	1 22	1 38	21 27	0 30	12 36	1 1	12 15	1 12	7 9	0 39	6 14	1 0	21 58	2 4	3 40	4 17	0 24	17 12	4 2	S 8
S 9	16 46	7 46	1 13	23 43	2 29	1 48	1 39	21 36	0 30	12 41	1 1	12 14	1 12	7 8	0 39	6 14	1 0	21 58	2 5	3 40	4 18	0 26	17 12	4 2	S 9
M10	17 3	4 14	0 10	23 33	2 20	2 15	1 41	21 44	0 31	12 45	1 1	12 13	1 13	7 8	0 39	6 14	1 0	21 58	2 5	3 39	4 19	0 27	17 11	4 2	M10
T 11	17 19	0 33	0n53	23 20	2 9	2 42	1 42	21 52	0 31	12 49	1 1	12 12	1 13	7 7	0 39	6 15	1 0	21 58	2 5	3 40	4 20	0 29	17 10	4 2	T 11
W12	17 36	3s11	1 54	23 4	1 57	3 9	1 44	22 0	0 32	12 53	1 1	12 11	1 13	7 6	0 39	6 15	1 0	21 58	2 5	3 41	4 22	0 31	17 9	4 2	W12
T 13	17 52	6 48	2 50	22 44	1 43	3 36	1 45	22 8	0 33	12 58	1 1	12 10	1 13	7 5	0 39	6 15	1 0	21 59	2 5	3 43	4 23	0 33	17 9	4 3	T 13
F 14	18 8	10 12	3 39	22 21	1 28	4 2	1 46	22 15	0 33	13 2	1 1	12 9	1 14	7 5	0 39	6 15	1 0	21 59	2 5	3 46	4 24	0 35	17 8	4 3	F 14
S 15	18 23	13 13	4 19	21 54	1 11	4 29	1 48	22 22	0 34	13 6	1 1	12 8	1 14	7 4	0 39	6 15	1 0	21 59	2 5	3 50	4 25	0 37	17 7	4 3	S 15
S 16	18 39	15 40	4 47	21 24	0 52	4 56	1 49	22 29	0 34	13 10	1 1	12 7	1 14	7 3	0 39	6 15	1 0	21 59	2 5	3 54	4 27	0 39	17 6	4 3	S 16
M17	18 53	17 26	5 1	20 51	0 33	5 23	1 50	22 36	0 35	13 14	1 1	12 6	1 14	7 3	0 39	6 16	1 0	21 59	2 6	3 59	4 28	0 40	17 6	4 3	M17
T 18	19 8	18 21	5 1	20 15	0 12	5 50	1 51	22 43	0 35	13 18	1 1	12 5	1 14	7 2	0 39	6 16	1 0	22 0	2 6	4 4	4 29	0 42	17 5	4 3	T 18
W19	19 22	18 20	4 45	19 37	0n 8	6 16	1 51	22 49	0 36	13 22	1 1	12 5	1 15	7 1	0 39	6 16	1 0	22 0	2 6	4 8	4 30	0 44	17 4	4 3	W19
T 20	19 36	17 20	4 14	18 59	0 29	6 43	1 52	22 55	0 36	13 26	1 1	12 4	1 15	7 1	0 39	6 16	1 0	22 0	2 6	4 10	4 32	0 46	17 4	4 4	T 20
F 21	19 50	15 21	3 28	18 21	0 49	7 9	1 53	23 1	0 37	13 30	1 1	12 3	1 15	7 0	0 39	6 16	1 0	22 0	2 6	4 12	4 33	0 48	17 3	4 4	F 21
S 22	20 3	12 30	2 31	17 45	1 7	7 35	1 53	23 7	0 37	13 34	1 1	12 3	1 15	6 59	0 39	6 16	1 0	22 0	2 6	4 13	4 34	0 50	17 2	4 4	S 22
S 23	20 15	8 54	1 23	17 11	1 25	8 2	1 53	23 12	0 38	13 38	1 1	12 2	1 15	6 59	0 39	6 16	1 0	22 1	2 6	4 13	4 35	0 52	17 1	4 4	S 23
M24	20 28	4 45	0 9	16 40	1 40	8 28	1 54	23 18	0 38	13 42	1 1	12 2	1 16	6 58	0 39	6 16	1 0	22 1	2 6	4 13	4 37	0 53	17 1	4 4	M24
T 25	20 40	0 16	1s 6	16 14	1 54	8 54	1 54	23 23	0 39	13 46	1 1	12 1	1 16	6 58	0 39	6 16	1 0	22 1	2 6	4 13	4 38	0 55	17 0	4 4	T 25
W26	20 51	4n18	2 18	15 52	2 6	9 20	1 54	23 28	0 39	13 50	1 1	12 1	1 16	6 57	0 39	6 16	1 0	22 1	2 7	4 14	4 39	0 57	16 59	4 4	W26
T 27	21 3	8 39	3 22	15 36	2 15	9 45	1 54	23 32	0 40	13 54	1 1	12 0	1 16	6 57	0 39	6 16	1 0	22 2	2 7	4 16	4 40	0 59	16 59	4 4	T 27
F 28	21 14	12 29	4 12	15 24	2 23	10 11	1 54	23 37	0 40	13 58	1 1	12 0	1 17	6 56	0 39	6 16	1 0	22 2	2 7	4 19	4 42	1 1	16 58	4 4	F 28
S 29	21 24	15 31	4 45	15 18	2 28	10 36	1 54	23 41	0 41	14 2	1 1	11 59	1 17	6 56	0 39	6 16	1 0	22 2	2 7	4 24	4 43	1 3	16 57	4 5	S 29
S 30	21s34	17n33	5s 0	15s15	2n32	11s 1	1n54	23s44	0s41	14s 6	1n 1	11n59	1n17	6n55	0s39	6s16	1s 0	22n 2	2n 7	4n28	4n44	1s 5	16n57	4s 5	S 30

Julian Day Number = 2518688.5, Delta T = 148.02 sec
Ecliptic obliquity = 23°24'46, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°18'33, Lahiri = 26°25'34

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2183
geocentric

DECEMBER 2183 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 39 22	8♐42'01	28♊42	20♏ 9	5♏ 7	21♐ 0	11♏ 3	1♍56	19°R11	16♓26	0°R42	18°R29	17♍58	6♎37	4°R 5	M 1
T 2	4 43 19	9°42'45	12♋24	20°34	6°21	21°45	11°16	1°57	19♈10	16°27	0♌42	18♍18	17°54	6°43	4♊ 2	T 2
W 3	4 47 16	10°43'30	25°40	21° 7	7°34	22°29	11°28	1°58	19° 9	16°27	0°41	18° 9	17°51	6°50	3°59	W 3
T 4	4 51 12	11°44'17	8♌32	21°48	8°48	23°14	11°40	1°59	19° 8	16°27	0°40	18° 3	17°48	6°57	3°55	T 4
F 5	4 55 9	12°45'05	21° 1	22°35	10° 2	23°59	11°52	2° 0	19° 7	16°27	0°39	17°59	17°45	7° 3	3°52	F 5
S 6	4 59 5	13°45'54	3♍11	23°28	11°16	24°43	12° 4	2° 1	19° 5	16°27	0°39	17°57	17°42	7°10	3°49	S 6
S 7	5 3 2	14°46'45	15° 8	24°26	12°30	25°28	12°16	2° 2	19° 4	16°28	0°38	17°57	17°39	7°17	3°46	S 7
M 8	5 6 58	15°47'37	26°57	25°29	13°44	26°13	12°28	2° 3	19° 3	16°28	0°37	17°57	17°35	7°23	3°42	M 8
T 9	5 10 55	16°48'31	8♎45	26°36	14°58	26°58	12°40	2° 3	19° 2	16°28	0°36	17°56	17°32	7°30	3°39	T 9
W10	5 14 51	17°49'25	20°35	27°46	16°12	27°42	12°52	2° 3	19° 1	16°29	0°35	17°53	17°29	7°37	3°36	W10
T 11	5 18 48	18°50'21	2♏33	28°59	17°26	28°27	13° 4	2° 4	19° 0	16°29	0°34	17°47	17°26	7°43	3°33	T 11
F 12	5 22 45	19°51'19	14°43	0♑14	18°40	29°12	13°16	2° 4	19° 0	16°30	0°33	17°38	17°23	7°50	3°29	F 12
S 13	5 26 41	20°52'17	27° 8	1°32	19°54	29°57	13°27	2°R 4	18°59	16°30	0°32	17°26	17°19	7°57	3°26	S 13
S 14	5 30 38	21°53'16	9♑48	2°51	21° 8	0♒43	13°39	2° 4	18°58	16°31	0°31	17°13	17°16	8° 3	3°23	S 14
M15	5 34 34	22°54'17	22°45	4°13	22°23	1°28	13°51	2° 4	18°57	16°31	0°30	16°59	17°13	8°10	3°20	M15
T 16	5 38 31	23°55'18	5♒56	5°35	23°37	2°13	14° 2	2° 3	18°57	16°32	0°29	16°46	17°10	8°16	3°17	T 16
W17	5 42 27	24°56'20	19°20	6°59	24°51	2°58	14°14	2° 3	18°56	16°33	0°28	16°34	17° 7	8°23	3°14	W17
T 18	5 46 24	25°57'22	2♓54	8°24	26° 6	3°43	14°25	2° 3	18°56	16°33	0°27	16°25	17° 4	8°30	3°11	T 18
F 19	5 50 21	26°58'25	16°38	9°50	27°20	4°29	14°36	2° 2	18°55	16°34	0°26	16°19	17° 0	8°36	3° 8	F 19
S 20	5 54 17	27°59'29	0♈27	11°16	28°34	5°14	14°47	2° 1	18°55	16°35	0°25	16°17	16°57	8°43	3° 5	S 20
S 21	5 58 14	29° 0'33	14°23	12°43	29°49	6° 0	14°59	2° 0	18°54	16°36	0°24	16°D16	16°54	8°50	3° 2	S 21
M22	6 2 10	0♉ 1'37	28°24	14°11	1♑ 3	6°45	15°10	1°59	18°54	16°36	0°23	16°R16	16°51	8°56	2°59	M22
T 23	6 6 7	1° 2'41	12♈30	15°40	2°18	7°31	15°21	1°58	18°54	16°37	0°22	16°15	16°48	9° 3	2°56	T 23
W24	6 10 3	2° 3'46	26°40	17° 9	3°32	8°16	15°31	1°57	18°53	16°38	0°21	16°13	16°45	9°10	2°54	W24
T 25	6 14 0	3° 4'51	10♉52	18°38	4°47	9° 2	15°42	1°56	18°53	16°39	0°20	16° 9	16°41	9°16	2°51	T 25
F 26	6 17 56	4° 5'56	25° 4	20° 8	6° 1	9°47	15°53	1°55	18°53	16°40	0°18	16° 1	16°38	9°23	2°48	F 26
S 27	6 21 53	5° 7'01	9♊12	21°38	7°16	10°33	16° 4	1°53	18°53	16°41	0°17	15°51	16°35	9°30	2°45	S 27
S 28	6 25 50	6° 8'07	23°10	23° 9	8°31	11°19	16°14	1°51	18°D53	16°42	0°16	15°39	16°32	9°36	2°43	S 28
M29	6 29 46	7° 9'13	6♋55	24°39	9°45	12° 5	16°25	1°50	18°53	16°43	0°15	15°28	16°29	9°43	2°40	M29
T 30	6 33 43	8°10'19	20°22	26°11	11° 0	12°51	16°35	1°48	18°53	16°44	0°14	15°17	16°26	9°50	2°38	T 30
W31	6 37 39	9♉11'26	3♌30	27♑42	12♑15	13♉36	16♏45	1♍46	18♈53	16♓45	0♌13	15♍ 8	16♍22	9♎56	2♊35	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21s44	18n28	4s56	15s18	2n34	11s26	1n54	23s48	0s42	14s 9	1n 1	11n59	1n17	6n55	0s39	6s16	1s 0	22n 3	2n 7	4n33	4n45	1s 6	16n56	4s 5
T 2	21 53	18 16	4 35	15 23	2 34	11 50	1 53	23 51	0 42	14 13	1 1	11 58	1 17	6 54	0 39	6 16	1 0	22 3	2 7	4 37	4 46	1 8	16 55	4 5
W 3	22 2	17 4	4 0	15 33	2 34	12 15	1 53	23 55	0 43	14 17	1 1	11 58	1 18	6 54	0 39	6 16	1 0	22 3	2 7	4 41	4 48	1 10	16 55	4 5
T 4	22 10	15 0	3 13	15 45	2 32	12 39	1 52	23 57	0 43	14 21	1 1	11 58	1 18	6 53	0 39	6 16	1 0	22 4	2 7	4 43	4 49	1 12	16 54	4 5
F 5	22 18	12 18	2 18	16 0	2 29	13 3	1 51	24 0	0 44	14 24	1 1	11 58	1 18	6 53	0 38	6 16	1 0	22 4	2 8	4 45	4 50	1 14	16 53	4 5
S 6	22 26	9 7	1 17	16 17	2 25	13 26	1 51	24 3	0 44	14 28	1 2	11 58	1 18	6 52	0 38	6 15	1 0	22 4	2 8	4 45	4 51	1 16	16 53	4 5
S 7	22 33	5 37	0 15	16 35	2 21	13 49	1 50	24 5	0 45	14 32	1 2	11 58	1 19	6 52	0 38	6 15	1 0	22 4	2 8	4 45	4 53	1 18	16 52	4 5
M 8	22 39	1 56	0n48	16 55	2 16	14 12	1 49	24 6	0 45	14 35	1 2	11 58	1 19	6 52	0 38	6 15	1 0	22 5	2 8	4 46	4 54	1 19	16 51	4 5
T 9	22 46	1s49	1 48	17 16	2 10	14 35	1 48	24 8	0 45	14 39	1 2	11 58	1 19	6 51	0 38	6 15	1 0	22 5	2 8	4 46	4 55	1 21	16 51	4 5
W10	22 51	5 30	2 44	17 38	2 4	14 57	1 47	24 9	0 46	14 42	1 2	11 58	1 19	6 51	0 38	6 15	1 0	22 5	2 8	4 47	4 56	1 23	16 50	4 5
T 11	22 57	9 1	3 33	18 0	1 57	15 19	1 46	24 11	0 46	14 46	1 2	11 58	1 20	6 51	0 38	6 15	1 0	22 6	2 8	4 50	4 58	1 25	16 49	4 5
F 12	23 2	12 12	4 13	18 22	1 51	15 41	1 45	24 11	0 47	14 49	1 2	11 58	1 20	6 50	0 38	6 14	1 0	22 6	2 8	4 53	4 59	1 27	16 49	4 5
S 13	23 6	14 55	4 42	18 45	1 44	16 2	1 44	24 12	0 47	14 53	1 2	11 58	1 20	6 50	0 38	6 14	1 0	22 6	2 8	4 57	5 0	1 29	16 48	4 5
S 14	23 10	16 59	4 58	19 8	1 36	16 23	1 42	24 12	0 48	14 56	1 2	11 59	1 20	6 50	0 38	6 14	1 0	22 6	2 9	5 3	5 1	1 31	16 48	4 5
M15	23 13	18 15	4 59	19 30	1 29	16 43	1 41	24 12	0 48	14 59	1 2	11 59	1 20	6 50	0 38	6 14	1 0	22 7	2 9	5 8	5 3	1 32	16 47	4 5
T 16	23 16	18 33	4 44	19 52	1 22	17 3	1 40	24 12	0 49	15 3	1 2	11 59	1 21	6 49	0 38	6 13	1 0	22 7	2 9	5 13	5 4	1 34	16 47	4 5
W17	23 19	17 51	4 13	20 14	1 14	17 22	1 38	24 12	0 49	15 6	1 2	11 59	1 21	6 49	0 38	6 13	0 59	22 7	2 9	5 18	5 5	1 36	16 46	4 5
T 18	23 21	16 7	3 28	20 35	1 6	17 42	1 36	24 11	0 49	15 9	1 2	12 0	1 21	6 49	0 38	6 13	0 59	22 8	2 9	5 21	5 6	1 38	16 45	4 5
F 19	23 23	13 27	2 30	20 56	0 59	18 0	1 35	24 10	0 50	15 13	1 2	12 0	1 21	6 49	0 38	6 13	0 59	22 8	2 9	5 23	5 8	1 40	16 45	4 5
S 20	23 24	10 0	1 23	21 16	0 51	18 18	1 33	24 9	0 50	15 16	1 2	12 1	1 22	6 49	0 38	6 12	0 59	22 8	2 9	5 25	5 9	1 42	16 44	4 5
S 21	23 25	5 59	0 10	21 35	0 43	18 36	1 31	24 7	0 51	15 19	1 2	12 1	1 22	6 49	0 38	6 12	0 59	22 9	2 9	5 25	5 10	1 44	16 44	4 5
M22	23 25	1 37	1s 4	21 53	0 36	18 53	1 30	24 5	0 51	15 22	1 3	12 2	1 22	6 49	0 38	6 12	0 59	22 9	2 9	5 25	5 11	1 45	16 43	4 5
T 23	23 25	2n52	2 14	22 11	0 28	19 10	1 28	24 3	0 51	15 25	1 3	12 2	1 22	6 49	0 38	6 11	0 59	22 9	2 9	5 25	5 12	1 47	16 43	4 5
W24	23 24	7 13	3 17	22 27	0 21	19 26	1 26	24 1	0 52	15 28	1 3	12 3	1 22	6 48	0 38	6 11	0 59	22 10	2 10	5 26	5 14	1 49	16 42	4 5
T 25	23 23	11 9	4 7	22 43	0 13	19 42	1 24	23 58	0 52	15 31	1 3	12 4	1 23	6 48	0 38	6 10	0 59	22 10	2 10	5 28	5 15	1 51	16 42	4 5
F 26	23 21	14 26	4 42	22 57	0 6	19 57	1 22	23 56	0 53	15 34	1 3	12 4	1 23	6 48	0 38	6 10	0 59	22 10	2 10	5 31	5 16	1 53	16 41	4 5
S 27	23 19	16 52	5 0	23 11	0s 2	20 11	1 20	23 52	0 53	15 37	1 3	12 5	1 23	6 48	0 38	6 10	0 59	22 11	2 10	5 34	5 17	1 55	16 41	4 5
S 28	23 16	18 15	4 59	23 23	0 9	20 25	1 18	23 49	0 53	15 40	1 3	12 6	1 23	6 48	0 38	6 9	0 59	22 11	2 10	5 39	5 19	1 57	16 41	4 5
M29	23 13	18 33	4 41	23 34	0 16	20 39	1 16	23 45	0 54	15 43	1 3	12 7	1 24	6 48	0 38	6 9	0 59	22 11	2 10	5 44	5 20	1 58	16 40	4 5
T 30	23 10	17 47	4 8	23 44	0 23	20 51	1 13	23 41	0 54	15 46	1 3	12 8	1 24	6 49	0 38	6 8	0 59	22 12	2 10	5 48	5 21	2 0	16 40	4 5
W31	23s 6	16n 5	3s22	23s53	0s29	21s 4	1n11	23s37	0s54	15s49	1n 3	12n 8	1n24	6n49	0s38	6s 8	0s59	22n12	2n10	5n51	5n22	2s 2	16n39	4s 5

Julian Day Number = 2518718.5, Delta T = 148.09 sec
Ecliptic obliquity = 23°24'46, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°18'37, Lahiri = 26°25'38

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2184
geocentric

JANUARY 2184 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 41 36	10♑12'33	16♌17	29♐14	13♐29	14♑22	16♏55	1°R44	18♈53	16♓46	0°R11	15°R 1	16♍19	10♎ 3	2°R33	T 1
F 2	6 45 32	11°13'40	28°44	0♑46	14°44	15° 8	17° 6	1♍42	18°53	16°47	0♌10	14♍57	16°16	10°10	2♊30	F 2
S 3	6 49 29	12°14'48	10♍55	2°19	15°59	15°54	17°16	1°40	18°54	16°49	0° 9	14°D56	16°13	10°16	2°28	S 3
S 4	6 53 25	13°15'56	22°53	3°51	17°14	16°40	17°25	1°37	18°54	16°50	0° 8	14°56	16°10	10°23	2°25	S 4
M 5	6 57 22	14°17'04	4♎44	5°24	18°28	17°26	17°35	1°35	18°54	16°51	0° 6	14°57	16° 6	10°30	2°23	M 5
T 6	7 1 19	15°18'13	16°32	6°58	19°43	18°13	17°45	1°32	18°55	16°52	0° 5	14°R57	16° 3	10°36	2°21	T 6
W 7	7 5 15	16°19'22	28°23	8°32	20°58	18°59	17°55	1°30	18°55	16°54	0° 4	14°56	16° 0	10°43	2°19	W 7
T 8	7 9 12	17°20'31	10♏23	10° 6	22°13	19°45	18° 4	1°27	18°56	16°55	0° 3	14°53	15°57	10°50	2°17	T 8
F 9	7 13 8	18°21'41	22°36	11°40	23°28	20°31	18°13	1°24	18°56	16°56	0° 1	14°48	15°54	10°56	2°15	F 9
S 10	7 17 5	19°22'50	5♐ 6	13°15	24°42	21°17	18°23	1°21	18°57	16°58	29♋59	14°41	15°51	11° 3	2°13	S 10
S 11	7 21 1	20°24'00	17°55	14°50	25°57	22° 4	18°32	1°18	18°58	16°59	29°59	14°31	15°47	11°10	2°11	S 11
M12	7 24 58	21°25'10	1♑ 5	16°26	27°12	22°50	18°41	1°15	18°59	17° 1	29°57	14°21	15°44	11°16	2° 9	M12
T 13	7 28 54	22°26'19	14°36	18° 2	28°27	23°37	18°50	1°12	18°59	17° 2	29°56	14°12	15°41	11°23	2° 7	T 13
W14	7 32 51	23°27'29	28°23	19°38	29°42	24°23	18°59	1° 9	19° 0	17° 4	29°55	14° 4	15°38	11°30	2° 5	W14
T 15	7 36 48	24°28'38	12♒24	21°15	0♑57	25°10	19° 7	1° 6	19° 1	17° 5	29°53	13°57	15°35	11°36	2° 4	T 15
F 16	7 40 44	25°29'47	26°35	22°53	2°12	25°56	19°16	1° 2	19° 2	17° 7	29°52	13°54	15°31	11°43	2° 2	F 16
S 17	7 44 41	26°30'55	10♓50	24°31	3°27	26°43	19°24	0°59	19° 3	17° 8	29°51	13°D52	15°28	11°50	2° 0	S 17
S 18	7 48 37	27°32'02	25° 6	26° 9	4°42	27°29	19°33	0°55	19° 4	17°10	29°49	13°53	15°25	11°56	1°59	S 18
M19	7 52 34	28°33'09	9♈20	27°48	5°57	28°16	19°41	0°51	19° 5	17°12	29°48	13°54	15°22	12° 3	1°57	M19
T 20	7 56 30	29°34'15	23°30	29°27	7°12	29° 2	19°49	0°48	19° 6	17°13	29°47	13°R55	15°19	12°10	1°56	T 20
W21	8 0 27	0♒35'20	7♉35	1♒ 7	8°27	29°49	19°57	0°44	19° 7	17°15	29°46	13°55	15°16	12°16	1°55	W21
T 22	8 4 23	1°36'25	21°33	2°48	9°41	0♒36	20° 5	0°40	19° 9	17°17	29°44	13°53	15°12	12°23	1°53	T 22
F 23	8 8 20	2°37'28	5♊23	4°29	10°56	1°22	20°12	0°36	19°10	17°18	29°43	13°49	15° 9	12°30	1°52	F 23
S 24	8 12 17	3°38'31	19° 4	6°10	12°11	2° 9	20°20	0°32	19°11	17°20	29°42	13°44	15° 6	12°36	1°51	S 24
S 25	8 16 13	4°39'33	2♋34	7°52	13°26	2°56	20°27	0°28	19°13	17°22	29°40	13°37	15° 3	12°43	1°50	S 25
M26	8 20 10	5°40'34	15°52	9°35	14°41	3°43	20°34	0°24	19°14	17°24	29°39	13°30	15° 0	12°49	1°49	M26
T 27	8 24 6	6°41'34	28°56	11°18	15°56	4°30	20°42	0°20	19°16	17°25	29°38	13°24	14°57	12°56	1°48	T 27
W28	8 28 3	7°42'33	11♌45	13° 1	17°11	5°16	20°48	0°15	19°17	17°27	29°36	13°19	14°53	13° 3	1°47	W28
T 29	8 31 59	8°43'32	24°19	14°45	18°26	6° 3	20°55	0°11	19°19	17°29	29°35	13°16	14°50	13° 9	1°47	T 29
F 30	8 35 56	9°44'30	6♍39	16°29	19°41	6°50	21° 2	0° 7	19°20	17°31	29°34	13°14	14°47	13°16	1°46	F 30
S 31	8 39 52	10♒45'27	18♍46	18♒14	20♑56	7♒37	21♏ 9	0♍ 2	19♈22	17♓33	29♋32	13°D14	14♍44	13♎23	1♊45	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s 1	13n36	2s27	24s 1	0s36	21s15	1n 9	23s33	0s55	15s52	1n 3	12n 9	1n24	6n49	0s38	6s 8	0s59	22n12	2n10	5n54	5n24	2s 4	16n39	4s 4
F 2	22 56	10 34	1 25	24 7	0 43	21 26	1 6	23 28	0 55	15 54	1 4	12 10	1 24	6 49	0 37	6 7	0 59	22 13	2 10	5 55	5 25	2 6	16 39	4 4
S 3	22 51	7 8	0 21	24 12	0 49	21 37	1 4	23 23	0 55	15 57	1 4	12 11	1 25	6 49	0 37	6 7	0 59	22 13	2 10	5 56	5 26	2 8	16 38	4 4
S 4	22 45	3 28	0n42	24 16	0 55	21 47	1 2	23 18	0 56	16 0	1 4	12 12	1 25	6 49	0 37	6 6	0 59	22 14	2 11	5 56	5 27	2 10	16 38	4 4
M 5	22 39	0s17	1 44	24 19	1 1	21 56	0 59	23 12	0 56	16 2	1 4	12 13	1 25	6 49	0 37	6 6	0 59	22 14	2 11	5 55	5 28	2 11	16 38	4 4
T 6	22 32	4 1	2 41	24 20	1 7	22 4	0 57	23 6	0 56	16 5	1 4	12 15	1 25	6 49	0 37	6 5	0 59	22 14	2 11	5 55	5 30	2 13	16 37	4 4
W 7	22 25	7 36	3 31	24 20	1 12	22 12	0 54	23 0	0 57	16 7	1 4	12 16	1 25	6 50	0 37	6 5	0 59	22 15	2 11	5 56	5 31	2 15	16 37	4 4
T 8	22 17	10 55	4 13	24 19	1 17	22 19	0 52	22 54	0 57	16 10	1 4	12 17	1 26	6 50	0 37	6 4	0 59	22 15	2 11	5 57	5 32	2 17	16 37	4 4
F 9	22 9	13 50	4 44	24 16	1 23	22 26	0 49	22 48	0 57	16 12	1 4	12 18	1 26	6 50	0 37	6 3	0 59	22 15	2 11	5 59	5 33	2 19	16 36	4 4
S 10	22 1	16 11	5 2	24 12	1 27	22 32	0 47	22 41	0 58	16 15	1 4	12 19	1 26	6 50	0 37	6 3	0 59	22 16	2 11	6 2	5 35	2 21	16 36	4 3
S 11	21 52	17 48	5 5	24 7	1 32	22 37	0 44	22 34	0 58	16 17	1 4	12 21	1 26	6 51	0 37	6 2	0 59	22 16	2 11	6 5	5 36	2 23	16 36	4 3
M12	21 43	18 31	4 53	24 0	1 36	22 41	0 42	22 26	0 58	16 20	1 5	12 22	1 26	6 51	0 37	6 2	0 59	22 16	2 11	6 9	5 37	2 24	16 36	4 3
T 13	21 33	18 14	4 25	23 52	1 41	22 45	0 39	22 19	0 59	16 22	1 5	12 23	1 27	6 51	0 37	6 1	0 59	22 17	2 11	6 13	5 38	2 26	16 35	4 3
W14	21 23	16 52	3 40	23 42	1 44	22 48	0 36	22 11	0 59	16 24	1 5	12 24	1 27	6 52	0 37	6 1	0 59	22 17	2 11	6 16	5 40	2 28	16 35	4 3
T 15	21 12	14 29	2 41	23 31	1 48	22 51	0 34	22 3	0 59	16 27	1 5	12 26	1 27	6 52	0 37	6 0	0 59	22 17	2 11	6 18	5 41	2 30	16 35	4 3
F 16	21 1	11 12	1 32	23 18	1 51	22 53	0 31	21 55	0 59	16 29	1 5	12 27	1 27	6 53	0 37	5 59	0 59	22 18	2 11	6 20	5 42	2 32	16 35	4 3
S 17	20 50	7 15	0 16	23 4	1 54	22 54	0 29	21 46	1 0	16 31	1 5	12 29	1 27	6 53	0 37	5 59	0 59	22 18	2 12	6 20	5 43	2 34	16 35	4 3
S 18	20 38	2 52	1s 0	22 49	1 57	22 54	0 26	21 37	1 0	16 33	1 5	12 30	1 28	6 53	0 37	5 58	0 59	22 19	2 12	6 20	5 44	2 36	16 34	4 2
M19	20 26	1n39	2 13	22 32	1 59	22 54	0 23	21 28	1 0	16 35	1 5	12 32	1 28	6 54	0 37	5 57	0 59	22 19	2 12	6 20	5 46	2 37	16 34	4 2
T 20	20 13	6 3	3 18	22 13	2 1	22 53	0 20	21 19	1 0	16 37	1 6	12 33	1 28	6 54	0 37	5 57	0 59	22 19	2 12	6 19	5 47	2 39	16 34	4 2
W21	20 0	10 5	4 10	21 53	2 3	22 51	0 18	21 9	1 1	16 39	1 6	12 35	1 28	6 55	0 37	5 56	0 59	22 20	2 12	6 19	5 48	2 41	16 34	4 2
T 22	19 47	13 31	4 47	21 32	2 4	22 48	0 15	21 0	1 1	16 41	1 6	12 36	1 28	6 55	0 37	5 55	0 59	22 20	2 12	6 20	5 49	2 43	16 34	4 2
F 23	19 33	16 9	5 7	21 9	2 5	22 45	0 12	20 50	1 1	16 43	1 6	12 38	1 29	6 56	0 37	5 55	0 59	22 20	2 12	6 21	5 51	2 45	16 34	4 2
S 24	19 19	17 50	5 9	20 44	2 6	22 42	0 10	20 39	1 1	16 45	1 6	12 39	1 29	6 56	0 37	5 54	0 59	22 21	2 12	6 23	5 52	2 47	16 34	4 2
S 25	19 5	18 30	4 53	20 18	2 6	22 37	0 7	20 29	1 2	16 47	1 6	12 41	1 29	6 57	0 37	5 53	0 59	22 21	2 12	6 26	5 53	2 49	16 34	4 1
M26	18 50	18 8	4 22	19 51	2 5	22 32	0 4	20 18	1 2	16 48	1 6	12 42	1 29	6 57	0 37	5 53	0 59	22 21	2 12	6 29	5 54	2 51	16 34	4 1
T 27	18 35	16 47	3 38	19 22	2 4	22 26	0 2	20 7	1 2	16 50	1 6	12 44	1 29	6 58	0 37	5 52	0 59	22 22	2 12	6 31	5 56	2 52	16 34	4 1
W28	18 19	14 38	2 43	18 51	2 3	22 19	0s 1	19 56	1 2	16 52	1 7	12 46	1 29	6 59	0 37	5 51	0 59	22 22	2 12	6 33	5 57	2 54	16 34	4 1
T 29	18 4	11 48	1 42	18 20	2 1	22 12	0 3	19 45	1 2	16 54	1 7	12 47	1 29	6 59	0 36	5 50	0 59	22 22	2 12	6 34	5 58	2 56	16 34	4 1
F 30	17 47	8 30	0 36	17 46	1 59	22 4	0 6	19 33	1 3	16 55	1 7	12 49	1 30	7 0	0 36	5 50	0 59	22 23	2 12	6 35	5 59	2 58	16 34	4 1
S 31	17s31	4n54	0n30	17s11	1s56	21s56	0s 9	19s21	1s 3	16s57	1n 7	12n51	1n30	7n 1	0s36	5s49	0s59	22n23	2n12	6n35	6n 0	3s 0	16n34	4s 0

Julian Day Number = 2518749.5, Delta T = 148.16 sec
Ecliptic obliquity = 23°24'46, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°18'42, Lahiri = 26°25'42

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2184
geocentric

FEBRUARY 2184 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 43 49	11♒46'23	0♎43	19♒59	22♑11	8♒24	21♏15	29°R58	19♈24	17♓35	29°R31	13♍15	14♍41	13♎29	1°R45	S 1
M 2	8 47 46	12°47'18	12°34	21°44	23°26	9°11	21°21	29♌53	19°26	17°37	29♋30	13°17	14°37	13°36	1♊44	M 2
T 3	8 51 42	13°48'13	24°22	23°29	24°41	9°58	21°27	29°49	19°27	17°39	29°29	13°19	14°34	13°43	1°44	T 3
W 4	8 55 39	14°49'07	6♏13	25°15	25°56	10°45	21°33	29°44	19°29	17°41	29°27	13°20	14°31	13°49	1°43	W 4
T 5	8 59 35	15°50'01	18°12	27° 0	27°11	11°32	21°39	29°39	19°31	17°43	29°26	13°R20	14°28	13°56	1°43	T 5
F 6	9 3 32	16°50'53	0♐24	28°44	28°26	12°19	21°45	29°35	19°33	17°45	29°25	13°19	14°25	14° 3	1°43	F 6
S 7	9 7 28	17°51'45	12°53	0♓28	29°41	13° 6	21°50	29°30	19°35	17°47	29°24	13°17	14°22	14° 9	1°43	S 7
S 8	9 11 25	18°52'36	25°43	2°12	0♒56	13°53	21°56	29°25	19°37	17°49	29°22	13°14	14°18	14°16	1°43	S 8
M 9	9 15 21	19°53'26	8♑56	3°54	2°11	14°40	22° 1	29°21	19°39	17°51	29°21	13°11	14°15	14°23	1°D43	M 9
T 10	9 19 18	20°54'15	22°34	5°34	3°26	15°28	22° 6	29°16	19°41	17°53	29°20	13° 7	14°12	14°29	1°43	T 10
W11	9 23 15	21°55'03	6♒36	7°13	4°41	16°15	22°11	29°11	19°43	17°55	29°19	13° 4	14° 9	14°36	1°43	W11
T 12	9 27 11	22°55'50	20°57	8°49	5°56	17° 2	22°15	29° 6	19°45	17°57	29°17	13° 2	14° 6	14°43	1°43	T 12
F 13	9 31 8	23°56'36	5♓32	10°22	7°11	17°49	22°20	29° 1	19°48	17°59	29°16	13° 1	14° 3	14°49	1°43	F 13
S 14	9 35 4	24°57'20	20°15	11°52	8°26	18°36	22°24	28°57	19°50	18° 1	29°15	13°D 1	13°59	14°56	1°43	S 14
S 15	9 39 1	25°58'02	4♈59	13°18	9°41	19°23	22°28	28°52	19°52	18° 3	29°14	13° 2	13°56	15° 3	1°44	S 15
M16	9 42 57	26°58'43	19°38	14°39	10°56	20°11	22°32	28°47	19°55	18° 6	29°13	13° 3	13°53	15° 9	1°44	M16
T 17	9 46 54	27°59'23	4♉ 6	15°55	12°11	20°58	22°36	28°42	19°57	18° 8	29°12	13° 4	13°50	15°16	1°45	T 17
W18	9 50 50	29° 0'00	18°19	17° 4	13°26	21°45	22°40	28°37	19°59	18°10	29°10	13° 5	13°47	15°23	1°46	W18
T 19	9 54 47	0♓ 0'36	2♊17	18° 7	14°41	22°32	22°43	28°32	20° 2	18°12	29° 9	13°R 5	13°43	15°29	1°46	T 19
F 20	9 58 44	1° 1'11	15°58	19° 2	15°56	23°20	22°46	28°27	20° 4	18°14	29° 8	13° 5	13°40	15°36	1°47	F 20
S 21	10 2 40	2° 1'43	29°23	19°49	17°11	24° 7	22°49	28°23	20° 7	18°17	29° 7	13° 4	13°37	15°43	1°48	S 21
S 22	10 6 37	3° 2'14	12♋32	20°27	18°26	24°54	22°52	28°18	20° 9	18°19	29° 6	13° 2	13°34	15°49	1°49	S 22
M23	10 10 33	4° 2'43	25°27	20°56	19°41	25°41	22°55	28°13	20°12	18°21	29° 5	13° 1	13°31	15°56	1°50	M23
T 24	10 14 30	5° 3'10	8♌ 8	21°15	20°56	26°29	22°58	28° 8	20°15	18°23	29° 4	13° 0	13°28	16° 3	1°51	T 24
W25	10 18 26	6° 3'36	20°37	21°R25	22°10	27°16	23° 0	28° 3	20°17	18°25	29° 3	12°59	13°24	16° 9	1°52	W25
T 26	10 22 23	7° 4'00	2♍54	21°24	23°25	28° 3	23° 2	27°58	20°20	18°28	29° 2	12°59	13°21	16°16	1°53	T 26
F 27	10 26 19	8° 4'22	15° 2	21°13	24°40	28°51	23° 4	27°54	20°23	18°30	29° 1	12°D58	13°18	16°23	1°54	F 27
S 28	10 30 16	9° 4'42	27° 2	20°52	25°55	29°38	23° 6	27°49	20°25	18°32	29° 0	12°59	13°15	16°29	1°55	S 28
S 29	10 34 13	10♓ 5'01	8♎55	20♓22	27♒10	0♓25	23♏ 8	27♌44	20♈28	18♓34	28♋59	12♍59	13♍12	16♎36	1♊57	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s14	1n10	1n34	16s35	1s53	21s46	0s11	19s 9	1s 3	16s58	1n 7	12n53	1n30	7n 1	0s36	5s48	0s59	22n23	2n12	6n35	6n 2	3s 2	16n34	4s 0
M 2	16 57	2s35	2 34	15 58	1 49	21 36	0 14	18 57	1 3	17 0	1 7	12 54	1 30	7 2	0 36	5 47	0 59	22 24	2 13	6 34	6 3	3 4	16 34	4 0
T 3	16 40	6 14	3 27	15 19	1 44	21 26	0 16	18 45	1 3	17 1	1 7	12 56	1 30	7 3	0 36	5 47	0 59	22 24	2 13	6 33	6 4	3 5	16 34	4 0
W 4	16 22	9 37	4 11	14 39	1 39	21 15	0 19	18 32	1 4	17 3	1 8	12 58	1 30	7 3	0 36	5 46	0 59	22 24	2 13	6 33	6 5	3 7	16 34	4 0
T 5	16 4	12 40	4 45	13 57	1 33	21 3	0 21	18 19	1 4	17 4	1 8	13 0	1 31	7 4	0 36	5 45	0 59	22 25	2 13	6 33	6 7	3 9	16 34	4 0
F 6	15 46	15 13	5 7	13 15	1 26	20 50	0 24	18 6	1 4	17 5	1 8	13 1	1 31	7 5	0 36	5 44	0 59	22 25	2 13	6 33	6 8	3 11	16 34	3 59
S 7	15 28	17 7	5 15	12 32	1 19	20 37	0 26	17 53	1 4	17 7	1 8	13 3	1 31	7 6	0 36	5 43	0 59	22 25	2 13	6 34	6 9	3 13	16 34	3 59
S 8	15 9	18 13	5 7	11 47	1 11	20 23	0 29	17 40	1 4	17 8	1 8	13 5	1 31	7 6	0 36	5 43	0 59	22 26	2 13	6 35	6 10	3 15	16 35	3 59
M 9	14 50	18 24	4 44	11 2	1 2	20 9	0 31	17 26	1 4	17 9	1 8	13 7	1 31	7 7	0 36	5 42	0 59	22 26	2 13	6 36	6 11	3 17	16 35	3 59
T 10	14 31	17 31	4 3	10 17	0 53	19 54	0 33	17 12	1 4	17 10	1 9	13 8	1 31	7 8	0 36	5 41	0 59	22 26	2 13	6 38	6 13	3 18	16 35	3 59
W11	14 11	15 34	3 8	9 31	0 43	19 39	0 36	16 58	1 4	17 11	1 9	13 10	1 31	7 9	0 36	5 40	0 59	22 26	2 13	6 39	6 14	3 20	16 35	3 58
T 12	13 51	12 37	1 59	8 45	0 32	19 23	0 38	16 44	1 5	17 12	1 9	13 12	1 31	7 10	0 36	5 39	0 59	22 27	2 13	6 40	6 15	3 22	16 35	3 58
F 13	13 32	8 50	0 41	7 59	0 20	19 6	0 40	16 30	1 5	17 13	1 9	13 14	1 31	7 11	0 36	5 39	0 59	22 27	2 13	6 40	6 16	3 24	16 36	3 58
S 14	13 11	4 28	0s40	7 13	0 7	18 49	0 42	16 16	1 5	17 14	1 9	13 16	1 32	7 12	0 36	5 38	0 59	22 27	2 13	6 40	6 18	3 26	16 36	3 58
S 15	12 51	0n10	1 59	6 28	0n 6	18 31	0 44	16 1	1 5	17 15	1 9	13 17	1 32	7 12	0 36	5 37	0 59	22 28	2 13	6 40	6 19	3 28	16 36	3 58
M16	12 30	4 45	3 9	5 44	0 19	18 13	0 46	15 46	1 5	17 16	1 9	13 19	1 32	7 13	0 36	5 36	0 58	22 28	2 13	6 39	6 20	3 30	16 36	3 58
T 17	12 10	9 0	4 7	5 2	0 34	17 54	0 49	15 31	1 5	17 17	1 10	13 21	1 32	7 14	0 36	5 35	0 58	22 28	2 13	6 39	6 21	3 31	16 37	3 57
W18	11 49	12 39	4 48	4 21	0 48	17 35	0 51	15 16	1 5	17 17	1 10	13 23	1 32	7 15	0 36	5 34	0 58	22 28	2 13	6 38	6 22	3 33	16 37	3 57
T 19	11 27	15 30	5 11	3 43	1 4	17 15	0 53	15 1	1 5	17 18	1 10	13 24	1 32	7 16	0 36	5 33	0 58	22 29	2 13	6 38	6 24	3 35	16 37	3 57
F 20	11 6	17 26	5 17	3 7	1 19	16 55	0 55	14 45	1 5	17 19	1 10	13 26	1 32	7 17	0 36	5 33	0 58	22 29	2 13	6 39	6 25	3 37	16 38	3 57
S 21	10 44	18 20	5 4	2 35	1 35	16 34	0 56	14 30	1 5	17 19	1 10	13 28	1 32	7 18	0 36	5 32	0 58	22 29	2 13	6 39	6 26	3 39	16 38	3 57
S 22	10 23	18 14	4 36	2 5	1 50	16 13	0 58	14 14	1 5	17 20	1 10	13 30	1 32	7 19	0 36	5 31	0 58	22 29	2 13	6 39	6 27	3 41	16 38	3 56
M23	10 1	17 11	3 54	1 40	2 6	15 51	1 0	13 58	1 5	17 21	1 11	13 32	1 32	7 20	0 36	5 30	0 58	22 30	2 13	6 40	6 29	3 43	16 39	3 56
T 24	9 39	15 17	3 2	1 19	2 21	15 29	1 2	13 42	1 5	17 21	1 11	13 33	1 32	7 21	0 36	5 29	0 58	22 30	2 14	6 40	6 30	3 44	16 39	3 56
W25	9 17	12 41	2 1	1 2	2 35	15 6	1 3	13 26	1 5	17 21	1 11	13 35	1 32	7 22	0 36	5 28	0 58	22 30	2 14	6 41	6 31	3 46	16 39	3 56
T 26	8 54	9 34	0 56	0 50	2 48	14 43	1 5	13 9	1 5	17 22	1 11	13 37	1 33	7 23	0 36	5 27	0 58	22 30	2 14	6 41	6 32	3 48	16 40	3 56
F 27	8 32	6 4	0n11	0 43	3 1	14 20	1 7	12 53	1 5	17 22	1 11	13 38	1 33	7 24	0 36	5 27	0 58	22 31	2 14	6 41	6 33	3 50	16 40	3 56
S 28	8 9	2 22	1 17	0 40	3 12	13 56	1 8	12 36	1 5	17 23	1 11	13 40	1 33	7 25	0 36	5 26	0 58	22 31	2 14	6 41	6 35	3 52	16 41	3 55
S 29	7s47	1s24	2n19	0s43	3n22	13s32	1s10	12s20	1s 5	17s23	1n12	13n42	1n33	7n26	0s36	5s25	0s58	22n31	2n14	6n41	6n36	3s54	16n41	3s55

Julian Day Number = 2518780.5, Delta T = 148.24 sec
Ecliptic obliquity = 23°24'46, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°18'46, Lahiri = 26°25'46

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2184
geocentric

MARCH 2184 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 38 9	11♓ 5'18	20♎45	19°R44	28♒25	1♓12	23♏ 9	27°R40	20♈31	18♓37	28°R58	12♍59	13♍ 9	16♎43	1♊58	M 1
T 2	10 42 6	12° 5'34	2♏34	18♓58	29°40	2° 0	23°11	27♌35	20°34	18°39	28♋57	12°59	13° 5	16°49	2° 0	T 2
W 3	10 46 2	13° 5'48	14°26	18° 7	0♓55	2°47	23°12	27°30	20°37	18°41	28°56	12°R59	13° 2	16°56	2° 1	W 3
T 4	10 49 59	14° 6'01	26°25	17°10	2°10	3°34	23°13	27°26	20°40	18°43	28°55	12°59	12°59	17° 3	2° 3	T 4
F 5	10 53 55	15° 6'12	8♐34	16°10	3°24	4°22	23°13	27°21	20°42	18°46	28°55	12°59	12°56	17° 9	2° 5	F 5
S 6	10 57 52	16° 6'22	20°59	15° 8	4°39	5° 9	23°14	27°17	20°45	18°48	28°54	12°D59	12°53	17°16	2° 6	S 6
S 7	11 1 48	17° 6'30	3♑44	14° 6	5°54	5°56	23°14	27°12	20°48	18°50	28°53	12°59	12°49	17°23	2° 8	S 7
M 8	11 5 45	18° 6'37	16°52	13° 4	7° 9	6°44	23°R14	27° 8	20°51	18°53	28°52	13° 0	12°46	17°29	2°10	M 8
T 9	11 9 41	19° 6'42	0♒26	12° 5	8°24	7°31	23°14	27° 4	20°54	18°55	28°51	13° 0	12°43	17°36	2°12	T 9
W10	11 13 38	20° 6'46	14°27	11°10	9°39	8°18	23°14	26°59	20°57	18°57	28°50	13° 1	12°40	17°43	2°14	W10
T 11	11 17 35	21° 6'47	28°53	10°19	10°53	9° 6	23°14	26°55	21° 1	18°59	28°50	13° 2	12°37	17°49	2°16	T 11
F 12	11 21 31	22° 6'47	13♓40	9°33	12° 8	9°53	23°13	26°51	21° 4	19° 2	28°49	13°R 2	12°34	17°56	2°18	F 12
S 13	11 25 28	23° 6'46	28°42	8°53	13°23	10°40	23°12	26°47	21° 7	19° 4	28°48	13° 1	12°30	18° 3	2°20	S 13
S 14	11 29 24	24° 6'42	13♈48	8°19	14°38	11°27	23°11	26°43	21°10	19° 6	28°48	13° 1	12°27	18° 9	2°23	S 14
M15	11 33 21	25° 6'36	28°52	7°52	15°52	12°15	23°10	26°39	21°13	19° 9	28°47	12°59	12°24	18°16	2°25	M15
T 16	11 37 17	26° 6'28	13♉43	7°31	17° 7	13° 2	23° 9	26°35	21°16	19°11	28°46	12°58	12°21	18°23	2°27	T 16
W17	11 41 14	27° 6'18	28°15	7°17	18°22	13°49	23° 7	26°31	21°19	19°13	28°46	12°56	12°18	18°29	2°30	W17
T 18	11 45 10	28° 6'06	12♊24	7° 9	19°37	14°36	23° 6	26°27	21°23	19°15	28°45	12°55	12°14	18°36	2°32	T 18
F 19	11 49 7	29° 5'51	26° 9	7°D 7	20°51	15°24	23° 4	26°23	21°26	19°18	28°45	12°D54	12°11	18°43	2°35	F 19
S 20	11 53 4	0♈ 5'34	9♋30	7°11	22° 6	16°11	23° 2	26°20	21°29	19°20	28°44	12°55	12° 8	18°49	2°37	S 20
S 21	11 57 0	1° 5'15	22°30	7°21	23°21	16°58	22°59	26°16	21°32	19°22	28°44	12°56	12° 5	18°56	2°40	S 21
M22	12 0 57	2° 4'54	5♌11	7°36	24°35	17°45	22°57	26°13	21°36	19°24	28°43	12°57	12° 2	19° 3	2°43	M22
T 23	12 4 53	3° 4'30	17°36	7°57	25°50	18°32	22°54	26° 9	21°39	19°27	28°43	12°59	11°59	19°10	2°45	T 23
W24	12 8 50	4° 4'04	29°49	8°23	27° 5	19°19	22°51	26° 6	21°42	19°29	28°42	13° 0	11°55	19°16	2°48	W24
T 25	12 12 46	5° 3'36	11♍53	8°53	28°19	20° 7	22°48	26° 3	21°45	19°31	28°42	13°R 0	11°52	19°23	2°51	T 25
F 26	12 16 43	6° 3'06	23°50	9°27	29°34	20°54	22°45	26° 0	21°49	19°33	28°41	13° 0	11°49	19°30	2°54	F 26
S 27	12 20 39	7° 2'34	5♎42	10° 6	0♈49	21°41	22°42	25°57	21°52	19°35	28°41	12°58	11°46	19°36	2°57	S 27
S 28	12 24 36	8° 2'00	17°33	10°48	2° 3	22°28	22°38	25°54	21°55	19°38	28°41	12°55	11°43	19°43	3° 0	S 28
M29	12 28 32	9° 1'24	29°22	11°34	3°18	23°15	22°35	25°51	21°59	19°40	28°40	12°51	11°40	19°50	3° 3	M29
T 30	12 32 29	10° 0'45	11♏14	12°24	4°32	24° 2	22°31	25°48	22° 2	19°42	28°40	12°47	11°36	19°56	3° 6	T 30
W31	12 36 26	11♈ 0'05	23♏ 9	13♓17	5♈47	24♓49	22♏27	25♌45	22♈ 6	19♓44	28♋40	12♍42	11♍33	20♎ 3	3♊ 9	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	7s24	5s 5	3n15	0s51	3n30	13s 7	1s11	12s 3	1s 5	17s23	1n12	13n43	1n33	7n27	0s36	5s24	0s59	22n31	2n14	6n41	6n37	3s56	16n42	3s55
T 2	7 1	8 33	4 2	1 3	3 36	12 43	1 12	11 46	1 5	17 23	1 12	13 45	1 33	7 28	0 36	5 23	0 59	22 32	2 14	6 41	6 38	3 57	16 42	3 55
W 3	6 38	11 42	4 39	1 19	3 40	12 17	1 14	11 29	1 5	17 23	1 12	13 47	1 33	7 30	0 35	5 22	0 59	22 32	2 14	6 41	6 39	3 59	16 43	3 55
T 4	6 15	14 23	5 5	1 40	3 41	11 52	1 15	11 12	1 5	17 23	1 12	13 48	1 33	7 31	0 35	5 21	0 59	22 32	2 14	6 41	6 41	4 1	16 43	3 54
F 5	5 52	16 29	5 17	2 3	3 41	11 26	1 16	10 55	1 5	17 23	1 12	13 50	1 33	7 32	0 35	5 20	0 59	22 32	2 14	6 41	6 42	4 3	16 44	3 54
S 6	5 29	17 52	5 15	2 29	3 38	11 0	1 17	10 37	1 5	17 23	1 13	13 51	1 33	7 33	0 35	5 19	0 59	22 32	2 14	6 41	6 43	4 5	16 44	3 54
S 7	5 5	18 24	4 57	2 58	3 34	10 33	1 18	10 20	1 5	17 23	1 13	13 53	1 33	7 34	0 35	5 19	0 59	22 33	2 14	6 41	6 44	4 7	16 45	3 54
M 8	4 42	17 59	4 24	3 27	3 27	10 6	1 19	10 2	1 5	17 23	1 13	13 55	1 33	7 35	0 35	5 18	0 59	22 33	2 14	6 40	6 46	4 9	16 45	3 54
T 9	4 18	16 32	3 35	3 57	3 19	9 39	1 20	9 45	1 5	17 23	1 13	13 56	1 33	7 36	0 35	5 17	0 59	22 33	2 14	6 40	6 47	4 11	16 46	3 54
W10	3 55	14 3	2 32	4 27	3 9	9 12	1 21	9 27	1 5	17 23	1 13	13 58	1 33	7 37	0 35	5 16	0 59	22 33	2 14	6 40	6 48	4 12	16 46	3 53
T 11	3 31	10 38	1 18	4 57	2 58	8 44	1 22	9 9	1 5	17 23	1 13	13 59	1 33	7 39	0 35	5 15	0 59	22 33	2 14	6 40	6 49	4 14	16 47	3 53
F 12	3 8	6 28	0s 4	5 25	2 45	8 17	1 23	8 51	1 5	17 22	1 14	14 0	1 33	7 40	0 35	5 14	0 59	22 34	2 14	6 40	6 50	4 16	16 47	3 53
S 13	2 44	1 50	1 26	5 53	2 32	7 49	1 23	8 33	1 4	17 22	1 14	14 2	1 33	7 41	0 35	5 13	0 59	22 34	2 14	6 40	6 52	4 18	16 48	3 53
S 14	2 20	2n56	2 43	6 18	2 18	7 20	1 24	8 15	1 4	17 22	1 14	14 3	1 33	7 42	0 35	5 12	0 59	22 34	2 14	6 40	6 53	4 20	16 48	3 53
M15	1 56	7 30	3 48	6 42	2 4	6 52	1 25	7 57	1 4	17 21	1 14	14 5	1 33	7 43	0 35	5 11	0 59	22 34	2 14	6 41	6 54	4 22	16 49	3 53
T 16	1 33	11 32	4 37	7 3	1 49	6 23	1 25	7 39	1 4	17 21	1 14	14 6	1 33	7 45	0 35	5 11	0 59	22 34	2 14	6 41	6 55	4 24	16 50	3 53
W17	1 9	14 46	5 6	7 22	1 35	5 55	1 26	7 21	1 4	17 20	1 14	14 7	1 33	7 46	0 35	5 10	0 59	22 34	2 14	6 42	6 56	4 25	16 50	3 52
T 18	0 45	17 1	5 17	7 38	1 20	5 26	1 26	7 2	1 4	17 20	1 14	14 9	1 33	7 47	0 35	5 9	0 59	22 34	2 14	6 42	6 58	4 27	16 51	3 52
F 19	0 22	18 13	5 8	7 53	1 5	4 57	1 26	6 44	1 4	17 19	1 15	14 10	1 33	7 48	0 35	5 8	0 59	22 35	2 14	6 42	6 59	4 29	16 51	3 52
S 20	0n 2	18 22	4 43	8 5	0 51	4 27	1 27	6 25	1 4	17 18	1 15	14 11	1 33	7 49	0 35	5 7	0 59	22 35	2 14	6 42	7 0	4 31	16 52	3 52
S 21	0 26	17 31	4 4	8 14	0 37	3 58	1 27	6 7	1 3	17 18	1 15	14 12	1 33	7 51	0 35	5 6	0 59	22 35	2 14	6 42	7 1	4 33	16 53	3 52
M22	0 50	15 49	3 14	8 21	0 23	3 29	1 27	5 48	1 3	17 17	1 15	14 13	1 33	7 52	0 35	5 5	0 59	22 35	2 14	6 41	7 3	4 35	16 53	3 52
T 23	1 13	13 23	2 16	8 26	0 10	2 59	1 27	5 30	1 3	17 16	1 15	14 15	1 33	7 53	0 35	5 5	0 59	22 35	2 14	6 41	7 4	4 37	16 54	3 51
W24	1 37	10 24	1 12	8 28	0s 3	2 29	1 27	5 11	1 3	17 15	1 15	14 16	1 33	7 54	0 35	5 4	0 59	22 35	2 14	6 40	7 5	4 38	16 55	3 51
T 25	2 1	7 0	0 6	8 28	0 16	2 0	1 27	4 52	1 3	17 14	1 15	14 17	1 33	7 56	0 35	5 3	0 59	22 35	2 14	6 40	7 6	4 40	16 55	3 51
F 26	2 24	3 21	0n59	8 26	0 28	1 30	1 27	4 34	1 2	17 13	1 15	14 18	1 33	7 57	0 35	5 2	0 59	22 35	2 14	6 40	7 7	4 42	16 56	3 51
S 27	2 48	0s24	2 2	8 23	0 39	1 0	1 26	4 15	1 2	17 12	1 16	14 19	1 33	7 58	0 35	5 1	0 59	22 35	2 14	6 41	7 9	4 44	16 57	3 51
S 28	3 11	4 7	2 59	8 17	0 50	0 30	1 26	3 56	1 2	17 11	1 16	14 20	1 33	7 59	0 35	5 0	0 59	22 36	2 14	6 42	7 10	4 46	16 57	3 51
M29	3 34	7 41	3 48	8 9	1 0	0 0	1 26	3 37	1 2	17 10	1 16	14 21	1 33	8 1	0 35	4 59	0 59	22 36	2 14	6 44	7 11	4 48	16 58	3 51
T 30	3 58	10 57	4 27	7 59	1 10	0n30	1 25	3 19	1 2	17 9	1 16	14 22	1 33	8 2	0 35	4 59	0 59	22 36	2 14	6 45	7 12	4 49	16 59	3 51
W31	4n21	13s46	4n55	7s47	1s19	1n 0	1s25	3s 0	1s 1	17s 8	1n16	14n22	1n33	8n 3	0s35	4s58	0s59	22n36	2n14	6n47	7n13	4s51	17n 0	3s50

Julian Day Number = 2518809.5, Delta T = 148.31 sec
Ecliptic obliquity = 23°24'47, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°18'50, Lahiri = 26°25'50

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2184
geocentric

APRIL 2184 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 40 22	11♈59'24	5♐11	14♓13	7♈ 1	25♓36	22°R23	25°R43	22♈ 9	19♓46	28°R39	12°R37	11♍30	20♎10	3♊12	T 1
F 2	12 44 19	12°58'40	17°22	15°11	8°16	26°23	22♏18	25♌40	22°12	19°48	28♋39	12♍33	11°27	20°16	3°16	F 2
S 3	12 48 15	13°57'55	29°46	16°13	9°30	27°10	22°14	25°38	22°16	19°50	28°39	12°31	11°24	20°23	3°19	S 3
S 4	12 52 12	14°57'07	12♑27	17°17	10°45	27°57	22° 9	25°35	22°19	19°53	28°39	12°D30	11°20	20°30	3°22	S 4
M 5	12 56 8	15°56'18	25°28	18°23	11°59	28°44	22° 4	25°33	22°23	19°55	28°39	12°30	11°17	20°36	3°26	M 5
T 6	13 0 5	16°55'28	8♒53	19°32	13°14	29°30	22° 0	25°31	22°26	19°57	28°39	12°31	11°14	20°43	3°29	T 6
W 7	13 4 1	17°54'35	22°44	20°43	14°28	0♈17	21°54	25°29	22°29	19°59	28°38	12°33	11°11	20°50	3°33	W 7
T 8	13 7 58	18°53'41	7♓ 2	21°57	15°43	1° 4	21°49	25°27	22°33	20° 1	28°38	12°R34	11° 8	20°56	3°36	T 8
F 9	13 11 55	19°52'45	21°44	23°12	16°57	1°51	21°44	25°25	22°36	20° 3	28°38	12°34	11° 5	21° 3	3°40	F 9
S 10	13 15 51	20°51'47	6♈46	24°30	18°11	2°38	21°38	25°23	22°40	20° 5	28°38	12°32	11° 1	21°10	3°43	S 10
S 11	13 19 48	21°50'47	22° 0	25°49	19°26	3°24	21°33	25°22	22°43	20° 7	28°D38	12°28	10°58	21°16	3°47	S 11
M12	13 23 44	22°49'45	7♉16	27°10	20°40	4°11	21°27	25°20	22°47	20° 9	28°38	12°23	10°55	21°23	3°51	M12
T 13	13 27 41	23°48'41	22°23	28°33	21°55	4°58	21°21	25°19	22°50	20°11	28°38	12°17	10°52	21°30	3°54	T 13
W14	13 31 37	24°47'35	7♊11	29°58	23° 9	5°44	21°15	25°17	22°53	20°13	28°38	12°10	10°49	21°36	3°58	W14
T 15	13 35 34	25°46'27	21°35	1♈25	24°23	6°31	21° 9	25°16	22°57	20°15	28°39	12° 5	10°45	21°43	4° 2	T 15
F 16	13 39 30	26°45'17	5♋30	2°53	25°38	7°18	21° 2	25°15	23° 0	20°17	28°39	12° 1	10°42	21°50	4° 6	F 16
S 17	13 43 27	27°44'04	18°56	4°24	26°52	8° 4	20°56	25°14	23° 4	20°19	28°39	11°59	10°39	21°56	4°10	S 17
S 18	13 47 24	28°42'49	1♌56	5°55	28° 6	8°51	20°49	25°13	23° 7	20°21	28°39	11°D59	10°36	22° 3	4°14	S 18
M19	13 51 20	29°41'32	14°33	7°29	29°21	9°37	20°43	25°12	23°11	20°22	28°39	12° 0	10°33	22°10	4°17	M19
T 20	13 55 17	0♉40'12	26°52	9° 4	0♉35	10°24	20°36	25°12	23°14	20°24	28°39	12° 1	10°30	22°16	4°21	T 20
W21	13 59 13	1°38'51	8♍57	10°41	1°49	11°10	20°29	25°11	23°17	20°26	28°40	12°R 2	10°26	22°23	4°25	W21
T 22	14 3 10	2°37'27	20°53	12°19	3° 3	11°57	20°22	25°11	23°21	20°28	28°40	12° 1	10°23	22°30	4°29	T 22
F 23	14 7 6	3°36'01	2♎44	13°59	4°17	12°43	20°15	25°10	23°24	20°30	28°40	11°59	10°20	22°36	4°34	F 23
S 24	14 11 3	4°34'33	14°33	15°41	5°32	13°29	20° 8	25°10	23°28	20°32	28°41	11°54	10°17	22°43	4°38	S 24
S 25	14 14 59	5°33'03	26°22	17°25	6°46	14°15	20° 1	25°10	23°31	20°33	28°41	11°47	10°14	22°50	4°42	S 25
M26	14 18 56	6°31'31	8♏14	19°10	8° 0	15° 2	19°54	25°D10	23°34	20°35	28°41	11°38	10°11	22°56	4°46	M26
T 27	14 22 53	7°29'57	20°11	20°57	9°14	15°48	19°47	25°10	23°38	20°37	28°42	11°28	10° 7	23° 3	4°50	T 27
W28	14 26 49	8°28'22	2♐13	22°45	10°28	16°34	19°39	25°10	23°41	20°38	28°42	11°17	10° 4	23°10	4°54	W28
T 29	14 30 46	9°26'44	14°23	24°35	11°42	17°20	19°32	25°10	23°44	20°40	28°43	11° 7	10° 1	23°17	4°59	T 29
F 30	14 34 42	10♉25'06	26♐42	26♈27	12♉56	18♈ 6	19♏25	25♌11	23♈48	20♓42	28♋43	10♍58	9♍58	23♎23	5♊ 3	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n44	16s 3	5n10	7s34	1s28	1n29	1s24	2s41	1s 1	17s 7	1n16	14n23	1n33	8n 4	0s35	4s57	0s59	22n36	2n14	6n49	7n15	4s53	17n 0	3s50
F 2	5 7	17 38	5 12	7 19	1 36	1 59	1 24	2 22	1 1	17 6	1 16	14 24	1 33	8 6	0 35	4 56	0 59	22 36	2 14	6 50	7 16	4 55	17 1	3 50
S 3	5 30	18 26	4 59	7 2	1 44	2 29	1 23	2 3	1 1	17 5	1 16	14 25	1 33	8 7	0 35	4 55	0 59	22 36	2 14	6 51	7 17	4 57	17 2	3 50
S 4	5 53	18 20	4 31	6 44	1 51	2 59	1 22	1 44	1 0	17 3	1 16	14 26	1 32	8 8	0 35	4 55	0 59	22 36	2 14	6 52	7 18	4 59	17 2	3 50
M 5	6 16	17 16	3 49	6 24	1 58	3 29	1 22	1 26	1 0	17 2	1 17	14 26	1 32	8 10	0 35	4 54	0 59	22 36	2 14	6 52	7 19	5 1	17 3	3 50
T 6	6 39	15 13	2 54	6 2	2 4	3 58	1 21	1 7	1 0	17 1	1 17	14 27	1 32	8 11	0 35	4 53	0 59	22 36	2 14	6 51	7 21	5 2	17 4	3 50
W 7	7 1	12 15	1 46	5 39	2 9	4 28	1 20	0 48	1 0	16 59	1 17	14 28	1 32	8 12	0 35	4 52	0 59	22 36	2 14	6 51	7 22	5 4	17 5	3 50
T 8	7 24	8 27	0 30	5 15	2 14	4 58	1 19	0 29	0 59	16 58	1 17	14 28	1 32	8 13	0 35	4 51	0 59	22 36	2 14	6 50	7 23	5 6	17 5	3 50
F 9	7 46	4 2	0s50	4 49	2 19	5 27	1 18	0 10	0 59	16 56	1 17	14 29	1 32	8 15	0 35	4 51	0 59	22 36	2 14	6 50	7 24	5 8	17 6	3 50
S 10	8 8	0n44	2 8	4 22	2 23	5 56	1 17	0n 9	0 59	16 55	1 17	14 29	1 32	8 16	0 35	4 50	0 59	22 36	2 14	6 51	7 25	5 10	17 7	3 49
S 11	8 30	5 30	3 18	3 54	2 26	6 26	1 16	0 28	0 58	16 53	1 17	14 30	1 32	8 17	0 35	4 49	0 59	22 36	2 14	6 52	7 27	5 12	17 8	3 49
M12	8 52	9 55	4 14	3 24	2 29	6 55	1 15	0 46	0 58	16 52	1 17	14 30	1 32	8 19	0 35	4 48	0 59	22 36	2 14	6 54	7 28	5 14	17 8	3 49
T 13	9 14	13 39	4 51	2 54	2 32	7 23	1 13	1 5	0 58	16 50	1 17	14 31	1 32	8 20	0 35	4 47	0 59	22 36	2 14	6 57	7 29	5 15	17 9	3 49
W14	9 36	16 25	5 9	2 22	2 34	7 52	1 12	1 24	0 57	16 49	1 17	14 31	1 32	8 21	0 35	4 47	0 59	22 36	2 14	6 59	7 30	5 17	17 10	3 49
T 15	9 57	18 4	5 6	1 48	2 35	8 21	1 11	1 43	0 57	16 47	1 17	14 31	1 32	8 22	0 35	4 46	0 59	22 36	2 14	7 1	7 31	5 19	17 11	3 49
F 16	10 18	18 34	4 44	1 14	2 36	8 49	1 9	2 1	0 57	16 45	1 17	14 32	1 32	8 24	0 35	4 45	0 59	22 36	2 14	7 3	7 33	5 21	17 11	3 49
S 17	10 39	17 59	4 8	0 39	2 36	9 17	1 8	2 20	0 56	16 43	1 17	14 32	1 32	8 25	0 35	4 45	0 59	22 36	2 14	7 4	7 34	5 23	17 12	3 49
S 18	11 0	16 28	3 20	0 2	2 36	9 45	1 7	2 39	0 56	16 42	1 17	14 32	1 32	8 26	0 35	4 44	0 59	22 36	2 14	7 4	7 35	5 25	17 13	3 49
M19	11 21	14 10	2 23	0n35	2 35	10 13	1 5	2 57	0 56	16 40	1 17	14 32	1 31	8 27	0 35	4 43	0 59	22 36	2 14	7 3	7 36	5 27	17 14	3 49
T 20	11 42	11 16	1 21	1 14	2 34	10 40	1 3	3 16	0 55	16 38	1 18	14 33	1 31	8 29	0 35	4 42	0 59	22 36	2 14	7 3	7 37	5 28	17 15	3 49
W21	12 2	7 57	0 17	1 53	2 32	11 8	1 2	3 34	0 55	16 36	1 18	14 33	1 31	8 30	0 35	4 42	0 59	22 36	2 14	7 3	7 39	5 30	17 15	3 49
T 22	12 22	4 20	0n48	2 34	2 30	11 35	1 0	3 53	0 54	16 34	1 18	14 33	1 31	8 31	0 35	4 41	0 59	22 36	2 14	7 3	7 40	5 32	17 16	3 49
F 23	12 42	0 35	1 49	3 15	2 27	12 1	0 58	4 11	0 54	16 33	1 18	14 33	1 31	8 32	0 35	4 40	0 59	22 36	2 14	7 4	7 41	5 34	17 17	3 49
S 24	13 2	3s11	2 46	3 57	2 24	12 28	0 57	4 30	0 54	16 31	1 18	14 33	1 31	8 34	0 35	4 40	0 59	22 36	2 15	7 5	7 42	5 36	17 18	3 49
S 25	13 21	6 49	3 35	4 40	2 20	12 54	0 55	4 48	0 53	16 29	1 18	14 33	1 31	8 35	0 35	4 39	1 0	22 36	2 15	7 8	7 43	5 38	17 18	3 49
M26	13 41	10 12	4 15	5 24	2 16	13 19	0 53	5 6	0 53	16 27	1 18	14 33	1 31	8 36	0 35	4 38	1 0	22 36	2 15	7 11	7 45	5 39	17 19	3 48
T 27	14 0	13 12	4 44	6 9	2 11	13 45	0 51	5 24	0 52	16 25	1 18	14 33	1 31	8 37	0 35	4 38	1 0	22 36	2 15	7 15	7 46	5 41	17 20	3 48
W28	14 19	15 40	5 1	6 54	2 5	14 10	0 49	5 42	0 52	16 23	1 18	14 33	1 31	8 39	0 35	4 37	1 0	22 36	2 15	7 19	7 47	5 43	17 21	3 48
T 29	14 37	17 28	5 4	7 40	1 59	14 35	0 47	6 0	0 52	16 21	1 18	14 32	1 31	8 40	0 35	4 37	1 0	22 35	2 15	7 23	7 48	5 45	17 21	3 48
F 30	14n56	18s29	4n53	8n26	1s53	14n59	0s45	6n18	0s51	16s19	1n18	14n32	1n31	8n41	0s35	4s36	1s 0	22n35	2n15	7n27	7n49	5s47	17n22	3s48

Julian Day Number = 2518840.5, Delta T = 148.38 sec
Ecliptic obliquity = 23°24'47, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°18'54, Lahiri = 26°25'55

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2184
geocentric

MAY 2184 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 38 39	11♉23'25	9♋12	28♈21	14♉10	18♈52	19°R17	25♌11	23♈51	20♓43	28♋44	10°R51	9♍55	23♎30	5♊ 7	S 1
S 2	14 42 35	12°21'43	21°55	0♉16	15°24	19°38	19♏10	25°12	23°54	20°45	28°44	10♍47	9°51	23°37	5°11	S 2
M 3	14 46 32	13°20'00	4♒55	2°13	16°38	20°24	19° 2	25°13	23°58	20°46	28°45	10°45	9°48	23°43	5°16	M 3
T 4	14 50 28	14°18'15	18°14	4°12	17°53	21°10	18°54	25°13	24° 1	20°48	28°45	10°D45	9°45	23°50	5°20	T 4
W 5	14 54 25	15°16'28	1♓55	6°12	19° 7	21°56	18°47	25°14	24° 4	20°50	28°46	10°45	9°42	23°57	5°24	W 5
T 6	14 58 22	16°14'40	16° 0	8°14	20°21	22°42	18°39	25°15	24° 7	20°51	28°46	10°R45	9°39	24° 3	5°29	T 6
F 7	15 2 18	17°12'50	0♈28	10°18	21°35	23°28	18°32	25°16	24°11	20°52	28°47	10°44	9°36	24°10	5°33	F 7
S 8	15 6 15	18°11'00	15°17	12°23	22°49	24°13	18°24	25°18	24°14	20°54	28°48	10°40	9°32	24°17	5°38	S 8
S 9	15 10 11	19° 9'07	0♉22	14°29	24° 2	24°59	18°16	25°19	24°17	20°55	28°48	10°34	9°29	24°23	5°42	S 9
M10	15 14 8	20° 7'13	15°32	16°36	25°16	25°45	18° 9	25°20	24°20	20°57	28°49	10°25	9°26	24°30	5°46	M10
T 11	15 18 4	21° 5'18	0♊39	18°45	26°30	26°30	18° 1	25°22	24°23	20°58	28°50	10°15	9°23	24°37	5°51	T 11
W12	15 22 1	22° 3'21	15°31	20°55	27°44	27°16	17°53	25°24	24°27	20°59	28°51	10° 5	9°20	24°43	5°55	W12
T 13	15 25 57	23° 1'22	0♋ 1	23° 5	28°58	28° 1	17°46	25°25	24°30	21° 1	28°51	9°55	9°17	24°50	6° 0	T 13
F 14	15 29 54	23°59'21	14° 3	25°15	0♊12	28°47	17°38	25°27	24°33	21° 2	28°52	9°48	9°13	24°57	6° 4	F 14
S 15	15 33 51	24°57'19	27°36	27°26	1°26	29°32	17°30	25°29	24°36	21° 3	28°53	9°43	9°10	25° 3	6° 9	S 15
S 16	15 37 47	25°55'15	10♌40	29°37	2°40	0♉18	17°23	25°31	24°39	21° 4	28°54	9°40	9° 7	25°10	6°13	S 16
M17	15 41 44	26°53'09	23°20	1♊48	3°54	1° 3	17°15	25°33	24°42	21° 6	28°55	9°D39	9° 4	25°17	6°18	M17
T 18	15 45 40	27°51'01	5♍39	3°57	5° 8	1°48	17° 8	25°36	24°45	21° 7	28°56	9°R39	9° 1	25°24	6°23	T 18
W19	15 49 37	28°48'52	17°43	6° 6	6°21	2°34	17° 1	25°38	24°48	21° 8	28°57	9°39	8°57	25°30	6°27	W19
T 20	15 53 33	29°46'40	29°37	8°14	7°35	3°19	16°53	25°40	24°51	21° 9	28°57	9°38	8°54	25°37	6°32	T 20
F 21	15 57 30	0♊44'27	11♎26	10°21	8°49	4° 4	16°46	25°43	24°54	21°10	28°58	9°34	8°51	25°44	6°36	F 21
S 22	16 1 26	1°42'13	23°14	12°25	10° 3	4°49	16°39	25°46	24°57	21°11	28°59	9°28	8°48	25°50	6°41	S 22
S 23	16 5 23	2°39'57	5♏ 6	14°28	11°17	5°34	16°32	25°48	25° 0	21°12	29° 0	9°19	8°45	25°57	6°45	S 23
M24	16 9 19	3°37'39	17° 3	16°29	12°30	6°19	16°25	25°51	25° 3	21°13	29° 1	9° 8	8°42	26° 4	6°50	M24
T 25	16 13 16	4°35'20	29° 7	18°27	13°44	7° 4	16°18	25°54	25° 5	21°14	29° 2	8°55	8°38	26°10	6°55	T 25
W26	16 17 13	5°33'00	11♐20	20°23	14°58	7°49	16°11	25°57	25° 8	21°15	29° 3	8°41	8°35	26°17	6°59	W26
T 27	16 21 9	6°30'39	23°43	22°17	16°11	8°34	16° 4	26° 0	25°11	21°16	29° 4	8°28	8°32	26°24	7° 4	T 27
F 28	16 25 6	7°28'17	6♑15	24° 8	17°25	9°18	15°57	26° 4	25°14	21°17	29° 6	8°17	8°29	26°30	7° 8	F 28
S 29	16 29 2	8°25'53	18°59	25°56	18°39	10° 3	15°51	26° 7	25°16	21°18	29° 7	8° 8	8°26	26°37	7°13	S 29
S 30	16 32 59	9°23'28	1♒53	27°41	19°52	10°48	15°44	26°10	25°19	21°18	29° 8	8° 2	8°23	26°44	7°18	S 30
M31	16 36 55	10♊21'03	15♒ 1	29♊23	21♊ 6	11♉32	15♏38	26♌14	25♈22	21♓19	29♋ 9	7♍58	8♍19	26♎50	7♊22	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15n14	18s38	4n29	9n13	1s46	15n23	0s43	6n36	0s51	16s17	1n17	14n32	1n31	8n42	0s35	4s35	1s 0	22n35	2n15	7n29	7n51	5s49	17n23	3s48
S 2	15 32	17 51	3 50	10 0	1 39	15 47	0 41	6 54	0 50	16 15	1 17	14 32	1 30	8 44	0 35	4 35	1 0	22 35	2 15	7 31	7 52	5 51	17 24	3 48
M 3	15 49	16 7	2 59	10 48	1 31	16 10	0 39	7 12	0 50	16 13	1 17	14 31	1 30	8 45	0 35	4 34	1 0	22 35	2 15	7 32	7 53	5 52	17 25	3 48
T 4	16 7	13 29	1 57	11 36	1 23	16 33	0 37	7 29	0 49	16 11	1 17	14 31	1 30	8 46	0 35	4 34	1 0	22 35	2 15	7 32	7 54	5 54	17 25	3 48
W 5	16 24	10 3	0 47	12 24	1 15	16 56	0 35	7 47	0 49	16 9	1 17	14 31	1 30	8 47	0 35	4 33	1 0	22 35	2 15	7 32	7 55	5 56	17 26	3 48
T 6	16 41	5 57	0s28	13 12	1 6	17 18	0 32	8 4	0 48	16 7	1 17	14 30	1 30	8 48	0 35	4 32	1 0	22 35	2 15	7 32	7 57	5 58	17 27	3 48
F 7	16 57	1 23	1 43	14 0	0 56	17 39	0 30	8 22	0 48	16 5	1 17	14 30	1 30	8 50	0 35	4 32	1 0	22 35	2 15	7 32	7 58	6 0	17 28	3 48
S 8	17 14	3n21	2 53	14 48	0 47	18 0	0 28	8 39	0 48	16 3	1 17	14 29	1 30	8 51	0 35	4 31	1 0	22 34	2 15	7 33	7 59	6 2	17 28	3 48
S 9	17 30	7 58	3 52	15 35	0 37	18 21	0 26	8 56	0 47	16 1	1 17	14 29	1 30	8 52	0 35	4 31	1 0	22 34	2 15	7 36	8 0	6 3	17 29	3 48
M10	17 45	12 5	4 35	16 21	0 27	18 41	0 23	9 13	0 47	15 59	1 17	14 28	1 30	8 53	0 35	4 30	1 0	22 34	2 15	7 39	8 1	6 5	17 30	3 48
T 11	18 1	15 24	4 58	17 7	0 16	19 1	0 21	9 30	0 46	15 57	1 17	14 28	1 30	8 54	0 35	4 30	1 0	22 34	2 15	7 43	8 3	6 7	17 31	3 48
W12	18 16	17 38	5 1	17 52	0 6	19 20	0 19	9 47	0 46	15 55	1 17	14 27	1 30	8 55	0 35	4 29	1 0	22 34	2 15	7 47	8 4	6 9	17 31	3 48
T 13	18 30	18 41	4 44	18 36	0n 5	19 38	0 16	10 4	0 45	15 53	1 17	14 26	1 30	8 56	0 35	4 29	1 0	22 34	2 15	7 50	8 5	6 11	17 32	3 48
F 14	18 45	18 31	4 10	19 18	0 15	19 57	0 14	10 20	0 45	15 51	1 17	14 26	1 29	8 58	0 35	4 28	1 0	22 34	2 15	7 53	8 6	6 13	17 33	3 48
S 15	18 59	17 17	3 24	19 59	0 26	20 14	0 12	10 37	0 44	15 49	1 17	14 25	1 29	8 59	0 35	4 28	1 0	22 33	2 15	7 55	8 7	6 15	17 34	3 48
S 16	19 13	15 10	2 27	20 38	0 36	20 31	0 9	10 53	0 43	15 47	1 16	14 24	1 29	9 0	0 35	4 27	1 0	22 33	2 15	7 56	8 9	6 16	17 34	3 48
M17	19 26	12 23	1 26	21 15	0 46	20 48	0 7	11 9	0 43	15 45	1 16	14 23	1 29	9 1	0 35	4 27	1 0	22 33	2 15	7 56	8 10	6 18	17 35	3 49
T 18	19 40	9 6	0 21	21 50	0 56	21 3	0 4	11 25	0 42	15 43	1 16	14 22	1 29	9 2	0 35	4 27	1 0	22 33	2 15	7 56	8 11	6 20	17 36	3 49
W19	19 52	5 30	0n43	22 23	1 5	21 19	0 2	11 42	0 42	15 41	1 16	14 21	1 29	9 3	0 35	4 26	1 0	22 33	2 15	7 56	8 12	6 22	17 36	3 49
T 20	20 5	1 44	1 44	22 53	1 15	21 33	0n 0	11 57	0 41	15 39	1 16	14 21	1 29	9 4	0 35	4 26	1 0	22 33	2 15	7 57	8 13	6 24	17 37	3 49
F 21	20 17	2s 4	2 40	23 21	1 23	21 48	0 3	12 13	0 41	15 37	1 16	14 20	1 29	9 5	0 35	4 25	1 0	22 32	2 15	7 58	8 15	6 26	17 38	3 49
S 22	20 29	5 47	3 29	23 46	1 31	22 1	0 5	12 29	0 40	15 35	1 16	14 19	1 29	9 6	0 35	4 25	1 1	22 32	2 15	8 1	8 16	6 27	17 39	3 49
S 23	20 40	9 18	4 9	24 8	1 38	22 14	0 8	12 44	0 40	15 33	1 16	14 18	1 29	9 7	0 35	4 25	1 1	22 32	2 15	8 4	8 17	6 29	17 39	3 49
M24	20 51	12 27	4 38	24 28	1 45	22 26	0 10	13 0	0 39	15 31	1 15	14 17	1 29	9 8	0 35	4 24	1 1	22 32	2 15	8 8	8 18	6 31	17 40	3 49
T 25	21 2	15 8	4 56	24 45	1 51	22 38	0 12	13 15	0 39	15 30	1 15	14 16	1 29	9 9	0 35	4 24	1 1	22 32	2 15	8 13	8 19	6 33	17 41	3 49
W26	21 12	17 10	5 0	25 0	1 56	22 49	0 15	13 30	0 38	15 28	1 15	14 14	1 28	9 10	0 35	4 24	1 1	22 31	2 15	8 18	8 20	6 35	17 41	3 49
T 27	21 22	18 27	4 50	25 12	2 1	22 59	0 17	13 45	0 37	15 26	1 15	14 13	1 28	9 11	0 35	4 23	1 1	22 31	2 15	8 23	8 22	6 37	17 42	3 49
F 28	21 32	18 51	4 26	25 21	2 5	23 9	0 20	14 0	0 37	15 24	1 15	14 12	1 28	9 12	0 35	4 23	1 1	22 31	2 15	8 27	8 23	6 38	17 43	3 49
S 29	21 41	18 18	3 48	25 28	2 7	23 18	0 22	14 14	0 36	15 22	1 15	14 11	1 28	9 13	0 35	4 23	1 1	22 31	2 15	8 31	8 24	6 40	17 43	3 49
S 30	21 50	16 49	2 58	25 33	2 10	23 26	0 24	14 29	0 36	15 21	1 14	14 10	1 28	9 14	0 35	4 22	1 1	22 31	2 15	8 33	8 25	6 42	17 44	3 49
M31	21n59	14s26	1n58	25n36	2n11	23n34	0n27	14n43	0s35	15s19	1n14	14n 8	1n28	9n15	0s35	4s22	1s 1	22n30	2n15	8n34	8n26	6s44	17n45	3s49

Julian Day Number = 2518870.5, Delta T = 148.45 sec
Ecliptic obliquity = 23°24'46, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°18'58, Lahiri = 26°25'59

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2184
geocentric

JUNE 2184 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 40 52	11♊18'36	28♒23	1♋ 3	22♊20	12♉17	15°R31	26♌17	25♈24	21♓20	29♋10	7°R57	8♍16	26♎57	7♊27	T 1
W 2	16 44 49	12°16'09	12♓ 2	2°39	23°33	13° 1	15♏25	26°21	25°27	21°21	29°11	7♍57	8°13	27° 4	7°31	W 2
T 3	16 48 45	13°13'41	25°58	4°13	24°47	13°46	15°19	26°25	25°30	21°21	29°12	7°57	8°10	27°11	7°36	T 3
F 4	16 52 42	14°11'12	10♈13	5°43	26° 1	14°30	15°13	26°29	25°32	21°22	29°14	7°55	8° 7	27°17	7°41	F 4
S 5	16 56 38	15° 8'42	24°44	7°11	27°14	15°15	15° 7	26°33	25°35	21°23	29°15	7°51	8° 3	27°24	7°45	S 5
S 6	17 0 35	16° 6'12	9♉29	8°35	28°28	15°59	15° 2	26°37	25°37	21°23	29°16	7°44	8° 0	27°31	7°50	S 6
M 7	17 4 31	17° 3'41	24°20	9°57	29°41	16°43	14°56	26°41	25°40	21°24	29°17	7°35	7°57	27°37	7°54	M 7
T 8	17 8 28	18° 1'09	9♊10	11°15	0♋55	17°27	14°51	26°45	25°42	21°24	29°19	7°25	7°54	27°44	7°59	T 8
W 9	17 12 24	18°58'37	23°50	12°30	2° 9	18°11	14°45	26°49	25°44	21°25	29°20	7°14	7°51	27°51	8° 4	W 9
T 10	17 16 21	19°56'03	8♋13	13°42	3°22	18°55	14°40	26°54	25°47	21°25	29°21	7° 3	7°48	27°57	8° 8	T 10
F 11	17 20 18	20°53'29	22°12	14°50	4°36	19°39	14°35	26°58	25°49	21°26	29°23	6°55	7°44	28° 4	8°13	F 11
S 12	17 24 14	21°50'53	5♌44	15°55	5°49	20°23	14°30	27° 3	25°51	21°26	29°24	6°49	7°41	28°11	8°17	S 12
S 13	17 28 11	22°48'16	18°51	16°57	7° 3	21° 7	14°26	27° 7	25°53	21°26	29°25	6°46	7°38	28°17	8°22	S 13
M14	17 32 7	23°45'39	1♍32	17°55	8°16	21°51	14°21	27°12	25°56	21°27	29°27	6°D45	7°35	28°24	8°26	M14
T 15	17 36 4	24°43'00	13°54	18°49	9°30	22°35	14°17	27°17	25°58	21°27	29°28	6°45	7°32	28°31	8°31	T 15
W16	17 40 0	25°40'20	26° 0	19°40	10°43	23°19	14°12	27°21	26° 0	21°27	29°29	6°R45	7°28	28°38	8°35	W16
T 17	17 43 57	26°37'40	7♎55	20°27	11°57	24° 2	14° 8	27°26	26° 2	21°27	29°31	6°45	7°25	28°44	8°40	T 17
F 18	17 47 53	27°34'58	19°46	21°11	13°10	24°46	14° 4	27°31	26° 4	21°28	29°32	6°42	7°22	28°51	8°44	F 18
S 19	17 51 50	28°32'16	1♏36	21°50	14°23	25°29	14° 1	27°36	26° 6	21°28	29°34	6°38	7°19	28°58	8°49	S 19
S 20	17 55 47	29°29'33	13°31	22°25	15°37	26°13	13°57	27°41	26° 8	21°28	29°35	6°31	7°16	29° 4	8°53	S 20
M21	17 59 43	0♋26'49	25°33	22°56	16°50	26°56	13°54	27°47	26°10	21°28	29°37	6°21	7°13	29°11	8°57	M21
T 22	18 3 40	1°24'05	7♐46	23°23	18° 4	27°39	13°50	27°52	26°12	21°28	29°38	6°11	7° 9	29°18	9° 2	T 22
W23	18 7 36	2°21'20	20°11	23°45	19°17	28°23	13°47	27°57	26°14	21°R28	29°40	5°59	7° 6	29°24	9° 6	W23
T 24	18 11 33	3°18'34	2♑49	24° 3	20°30	29° 6	13°44	28° 3	26°15	21°28	29°41	5°49	7° 3	29°31	9°10	T 24
F 25	18 15 29	4°15'48	15°39	24°16	21°44	29°49	13°41	28° 8	26°17	21°28	29°43	5°39	7° 0	29°38	9°15	F 25
S 26	18 19 26	5°13'02	28°41	24°25	22°57	0♊32	13°39	28°14	26°19	21°28	29°44	5°32	6°57	29°44	9°19	S 26
S 27	18 23 22	6°10'15	11♒55	24°R29	24°10	1°15	13°36	28°19	26°20	21°28	29°46	5°27	6°54	29°51	9°23	S 27
M28	18 27 19	7° 7'29	25°20	24°29	25°24	1°58	13°34	28°25	26°22	21°28	29°47	5°25	6°50	29°58	9°27	M28
T 29	18 31 16	8° 4'42	8♓56	24°24	26°37	2°41	13°32	28°30	26°24	21°28	29°49	5°D24	6°47	0♏ 5	9°32	T 29
W30	18 35 12	9♋ 1'55	22♓43	24♋14	27♋50	3♊24	13♏30	28♌36	26♈25	21♓27	29♋50	5♍25	6♍44	0♏11	9♊36	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n 7	11s14	0n50	25n36	2n12	23n41	0n29	14n57	0s34	15s17	1n14	14n 7	1n28	9n16	0s35	4s22	1s 1	22n30	2n15	8n35	8n28	6s46	17n45	3s50
W 2	22 14	7 23	0s22	25 34	2 11	23 47	0 32	15 12	0 34	15 16	1 14	14 6	1 28	9 17	0 35	4 22	1 1	22 30	2 15	8 35	8 29	6 48	17 46	3 50
T 3	22 22	3 2	1 34	25 31	2 10	23 52	0 34	15 25	0 33	15 14	1 14	14 4	1 28	9 18	0 35	4 21	1 1	22 30	2 15	8 35	8 30	6 49	17 46	3 50
F 4	22 29	1n34	2 42	25 26	2 8	23 57	0 36	15 39	0 33	15 13	1 13	14 3	1 28	9 19	0 35	4 21	1 1	22 30	2 15	8 36	8 31	6 51	17 47	3 50
S 5	22 35	6 9	3 41	25 19	2 6	24 1	0 38	15 53	0 32	15 11	1 13	14 2	1 28	9 20	0 35	4 21	1 1	22 29	2 15	8 37	8 32	6 53	17 48	3 50
S 6	22 41	10 26	4 26	25 10	2 2	24 5	0 41	16 6	0 31	15 10	1 13	14 0	1 28	9 21	0 35	4 21	1 1	22 29	2 15	8 39	8 34	6 55	17 48	3 50
M 7	22 47	14 6	4 53	25 0	1 58	24 8	0 43	16 19	0 31	15 8	1 13	13 59	1 28	9 22	0 35	4 21	1 1	22 29	2 15	8 43	8 35	6 57	17 49	3 50
T 8	22 52	16 51	5 1	24 49	1 53	24 10	0 45	16 32	0 30	15 7	1 13	13 57	1 27	9 22	0 35	4 21	1 1	22 29	2 15	8 47	8 36	6 59	17 49	3 50
W 9	22 57	18 28	4 49	24 36	1 47	24 11	0 47	16 45	0 29	15 6	1 12	13 56	1 27	9 23	0 35	4 20	1 1	22 28	2 15	8 51	8 37	7 0	17 50	3 50
T 10	23 2	18 52	4 18	24 23	1 41	24 12	0 49	16 58	0 29	15 4	1 12	13 54	1 27	9 24	0 35	4 20	1 1	22 28	2 15	8 55	8 38	7 2	17 51	3 51
F 11	23 6	18 5	3 33	24 8	1 33	24 12	0 52	17 11	0 28	15 3	1 12	13 53	1 27	9 25	0 35	4 20	1 1	22 28	2 15	8 58	8 39	7 4	17 51	3 51
S 12	23 10	16 17	2 37	23 53	1 25	24 11	0 54	17 23	0 28	15 2	1 12	13 51	1 27	9 26	0 35	4 20	1 1	22 28	2 15	9 0	8 41	7 6	17 52	3 51
S 13	23 13	13 41	1 34	23 36	1 17	24 9	0 56	17 35	0 27	15 1	1 12	13 49	1 27	9 27	0 35	4 20	1 1	22 27	2 15	9 1	8 42	7 8	17 52	3 51
M14	23 16	10 29	0 28	23 19	1 7	24 7	0 58	17 47	0 26	14 59	1 11	13 48	1 27	9 27	0 35	4 20	1 1	22 27	2 15	9 2	8 43	7 10	17 53	3 51
T 15	23 18	6 55	0n38	23 2	0 57	24 4	1 0	17 59	0 26	14 58	1 11	13 46	1 27	9 28	0 35	4 20	1 2	22 27	2 15	9 1	8 44	7 11	17 53	3 51
W16	23 21	3 8	1 41	22 44	0 46	24 0	1 2	18 11	0 25	14 57	1 11	13 44	1 27	9 29	0 35	4 20	1 2	22 27	2 15	9 1	8 45	7 13	17 54	3 51
T 17	23 22	0s43	2 38	22 26	0 35	23 56	1 4	18 22	0 24	14 56	1 11	13 43	1 27	9 30	0 35	4 20	1 2	22 26	2 16	9 2	8 47	7 15	17 54	3 52
F 18	23 23	4 31	3 28	22 7	0 22	23 51	1 5	18 33	0 24	14 55	1 10	13 41	1 27	9 30	0 35	4 20	1 2	22 26	2 16	9 2	8 48	7 17	17 55	3 52
S 19	23 24	8 8	4 9	21 48	0 10	23 45	1 7	18 44	0 23	14 55	1 10	13 39	1 27	9 31	0 35	4 20	1 2	22 26	2 16	9 4	8 49	7 19	17 55	3 52
S 20	23 25	11 26	4 39	21 29	0s 4	23 39	1 9	18 55	0 22	14 54	1 10	13 37	1 27	9 32	0 35	4 20	1 2	22 25	2 16	9 7	8 50	7 21	17 56	3 52
M21	23 25	14 18	4 58	21 10	0 18	23 31	1 11	19 6	0 22	14 53	1 10	13 35	1 27	9 32	0 36	4 20	1 2	22 25	2 16	9 10	8 51	7 22	17 56	3 52
T 22	23 24	16 36	5 3	20 52	0 32	23 23	1 12	19 17	0 21	14 52	1 9	13 33	1 27	9 33	0 36	4 20	1 2	22 25	2 16	9 14	8 52	7 24	17 57	3 52
W23	23 24	18 10	4 54	20 33	0 47	23 15	1 14	19 27	0 20	14 52	1 9	13 32	1 27	9 34	0 36	4 20	1 2	22 25	2 16	9 18	8 54	7 26	17 57	3 53
T 24	23 22	18 53	4 30	20 15	1 2	23 6	1 16	19 37	0 20	14 51	1 9	13 30	1 27	9 34	0 36	4 20	1 2	22 24	2 16	9 22	8 55	7 28	17 58	3 53
F 25	23 21	18 38	3 53	19 57	1 18	22 56	1 17	19 47	0 19	14 50	1 9	13 28	1 26	9 35	0 36	4 20	1 2	22 24	2 16	9 26	8 56	7 30	17 58	3 53
S 26	23 19	17 25	3 3	19 40	1 34	22 45	1 19	19 57	0 18	14 50	1 8	13 26	1 26	9 35	0 36	4 20	1 2	22 24	2 16	9 28	8 57	7 32	17 59	3 53
S 27	23 16	15 14	2 2	19 24	1 50	22 34	1 20	20 6	0 17	14 49	1 8	13 24	1 26	9 36	0 36	4 20	1 2	22 24	2 16	9 30	8 58	7 33	17 59	3 53
M28	23 13	12 13	0 54	19 8	2 6	22 22	1 21	20 16	0 17	14 49	1 8	13 22	1 26	9 37	0 36	4 20	1 2	22 23	2 16	9 31	8 59	7 35	18 0	3 54
T 29	23 10	8 30	0s19	18 53	2 22	22 10	1 23	20 25	0 16	14 49	1 8	13 20	1 26	9 37	0 36	4 20	1 2	22 23	2 16	9 31	9 1	7 37	18 0	3 54
W30	23n 6	4s17	1s31	18n39	2s38	21n57	1n24	20n34	0s15	14s48	1n 7	13n18	1n26	9n38	0s36	4s20	1s 2	22n23	2n16	9n31	9n 2	7s39	18n 0	3s54

Julian Day Number = 2518901.5, Delta T = 148.53 sec
Ecliptic obliquity = 23°24'46, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°19'03, Lahiri = 26°26'03

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2184
geocentric

JULY 2184 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 39 9	9♋59'08	6♈41	24°R 1	29♋ 3	4♊ 7	13°R29	28♌42	26♈27	21°R27	29♋52	5°R26	6♍41	0♏18	9♊40	T 1
F 2	18 43 5	10°56'21	20°49	23♋43	0♌17	4°50	13♏27	28°48	26°28	21♓27	29°53	5♍25	6°38	0°25	9°44	F 2
S 3	18 47 2	11°53'34	5♉ 7	23°21	1°30	5°32	13°26	28°54	26°30	21°27	29°55	5°23	6°34	0°31	9°48	S 3
S 4	18 50 58	12°50'48	19°31	22°56	2°43	6°15	13°25	29° 0	26°31	21°26	29°56	5°19	6°31	0°38	9°52	S 4
M 5	18 54 55	13°48'02	3♊58	22°27	3°56	6°57	13°24	29° 6	26°32	21°26	29°58	5°13	6°28	0°45	9°56	M 5
T 6	18 58 51	14°45'16	18°23	21°55	5°10	7°40	13°23	29°12	26°33	21°26	29°59	5° 5	6°25	0°51	10° 1	T 6
W 7	19 2 48	15°42'30	2♋39	21°22	6°23	8°22	13°22	29°18	26°35	21°25	0♌ 1	4°58	6°22	0°58	10° 5	W 7
T 8	19 6 45	16°39'44	16°42	20°46	7°36	9° 5	13°22	29°25	26°36	21°25	0° 3	4°50	6°19	1° 5	10° 9	T 8
F 9	19 10 41	17°36'58	0♌26	20° 9	8°49	9°47	13°21	29°31	26°37	21°24	0° 4	4°45	6°15	1°12	10°12	F 9
S 10	19 14 38	18°34'12	13°48	19°31	10° 2	10°29	13°D21	29°37	26°38	21°24	0° 6	4°41	6°12	1°18	10°16	S 10
S 11	19 18 34	19°31'26	26°49	18°54	11°15	11°11	13°22	29°44	26°39	21°23	0° 8	4°39	6° 9	1°25	10°20	S 11
M12	19 22 31	20°28'40	9♍29	18°17	12°28	11°53	13°22	29°50	26°40	21°23	0° 9	4°D38	6° 6	1°32	10°24	M12
T 13	19 26 27	21°25'54	21°50	17°41	13°42	12°35	13°22	29°57	26°41	21°22	0°11	4°39	6° 3	1°38	10°28	T 13
W14	19 30 24	22°23'07	3♎57	17° 7	14°55	13°17	13°23	0♍ 3	26°42	21°21	0°13	4°41	6° 0	1°45	10°32	W14
T 15	19 34 20	23°20'21	15°54	16°36	16° 8	13°59	13°24	0°10	26°43	21°21	0°14	4°42	5°56	1°52	10°35	T 15
F 16	19 38 17	24°17'35	27°47	16° 8	17°21	14°41	13°25	0°16	26°44	21°20	0°16	4°R42	5°53	1°58	10°39	F 16
S 17	19 42 14	25°14'49	9♏39	15°44	18°34	15°23	13°26	0°23	26°44	21°19	0°17	4°41	5°50	2° 5	10°43	S 17
S 18	19 46 10	26°12'02	21°36	15°23	19°47	16° 4	13°27	0°30	26°45	21°18	0°19	4°38	5°47	2°12	10°46	S 18
M19	19 50 7	27° 9'16	3♐42	15° 7	21° 0	16°46	13°29	0°37	26°46	21°18	0°21	4°34	5°44	2°19	10°50	M19
T 20	19 54 3	28° 6'30	16° 1	14°56	22°13	17°28	13°31	0°43	26°46	21°17	0°22	4°29	5°40	2°25	10°53	T 20
W21	19 58 0	29° 3'45	28°35	14°50	23°25	18° 9	13°33	0°50	26°47	21°16	0°24	4°23	5°37	2°32	10°57	W21
T 22	20 1 56	0♌ 0'59	11♑25	14°D49	24°38	18°50	13°35	0°57	26°47	21°15	0°26	4°17	5°34	2°39	11° 0	T 22
F 23	20 5 53	0°58'14	24°33	14°54	25°51	19°32	13°37	1° 4	26°48	21°14	0°27	4°12	5°31	2°45	11° 4	F 23
S 24	20 9 49	1°55'30	7♒56	15° 5	27° 4	20°13	13°39	1°11	26°48	21°13	0°29	4° 8	5°28	2°52	11° 7	S 24
S 25	20 13 46	2°52'46	21°34	15°21	28°17	20°54	13°42	1°18	26°49	21°12	0°31	4° 6	5°25	2°59	11°10	S 25
M26	20 17 43	3°50'03	5♓23	15°43	29°30	21°35	13°45	1°25	26°49	21°11	0°32	4°D 6	5°21	3° 5	11°14	M26
T 27	20 21 39	4°47'20	19°22	16°11	0♍43	22°16	13°48	1°32	26°49	21°10	0°34	4° 6	5°18	3°12	11°17	T 27
W28	20 25 36	5°44'38	3♈28	16°45	1°55	22°57	13°51	1°39	26°49	21° 9	0°35	4° 8	5°15	3°19	11°20	W28
T 29	20 29 32	6°41'57	17°39	17°25	3° 8	23°38	13°54	1°46	26°50	21° 8	0°37	4° 9	5°12	3°26	11°23	T 29
F 30	20 33 29	7°39'17	1♉51	18°10	4°21	24°19	13°57	1°53	26°50	21° 7	0°39	4°R10	5° 9	3°32	11°26	F 30
S 31	20 37 25	8♌36'38	16♉ 4	19♋ 1	5♍33	25♊ 0	14♏ 1	2♍ 1	26♈50	21♓ 6	0♌40	4♍10	5♍ 6	3♏39	11♊29	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	23n 2	0n12	2s40	18n25	2s54	21n43	1n25	20n42	0s15	14s48	1n 7	13n16	1n26	9n38	0s36	4s20	1s 2	22n22	2n16	9n31	9n 3	7s41	18n 1	3s54	
F 2	22 58	4 44	3 39	18 13	3 10	21 28	1 26	20 51	0 14	14 48	1 7	13 14	1 26	9 39	0 36	4 20	1 2	22 22	2 16	9 31	9 4	7 42	18 1	3 54	
S 3	22 53	9 3	4 25	18 2	3 24	21 13	1 27	20 59	0 13	14 48	1 7	13 11	1 26	9 39	0 36	4 21	1 2	22 22	2 16	9 32	9 5	7 44	18 2	3 55	
S 4	22 48	12 51	4 55	17 52	3 39	20 58	1 28	21 7	0 12	14 47	1 6	13 9	1 26	9 40	0 36	4 21	1 2	22 22	2 16	9 33	9 7	7 46	18 2	3 55	
M 5	22 42	15 54	5 7	17 44	3 52	20 42	1 29	21 15	0 12	14 47	1 6	13 7	1 26	9 40	0 36	4 21	1 2	22 21	2 16	9 35	9 8	7 48	18 2	3 55	
T 6	22 36	17 57	4 58	17 36	4 4	20 25	1 30	21 23	0 11	14 47	1 6	13 5	1 26	9 41	0 36	4 21	1 2	22 21	2 16	9 38	9 9	7 50	18 3	3 55	
W 7	22 29	18 51	4 32	17 30	4 16	20 8	1 31	21 30	0 10	14 48	1 6	13 3	1 26	9 41	0 36	4 21	1 2	22 21	2 16	9 41	9 10	7 52	18 3	3 56	
T 8	22 22	18 35	3 49	17 26	4 26	19 50	1 32	21 38	0 10	14 48	1 5	13 1	1 26	9 41	0 36	4 22	1 3	22 20	2 16	9 44	9 11	7 53	18 3	3 56	
F 9	22 15	17 12	2 54	17 23	4 34	19 31	1 33	21 45	0 9	14 48	1 5	12 58	1 26	9 42	0 36	4 22	1 3	22 20	2 16	9 46	9 12	7 55	18 4	3 56	
S 10	22 8	14 54	1 50	17 21	4 42	19 12	1 33	21 52	0 8	14 48	1 5	12 56	1 26	9 42	0 36	4 22	1 3	22 20	2 17	9 47	9 14	7 57	18 4	3 56	
S 11	22 0	11 54	0 42	17 20	4 47	18 53	1 34	21 58	0 7	14 48	1 5	12 54	1 26	9 42	0 36	4 22	1 3	22 19	2 17	9 48	9 15	7 59	18 4	3 57	
M12	21 51	8 25	0n26	17 21	4 52	18 33	1 34	22 5	0 7	14 49	1 4	12 51	1 26	9 43	0 36	4 23	1 3	22 19	2 17	9 48	9 16	8 1	18 5	3 57	
T 13	21 42	4 39	1 32	17 23	4 54	18 12	1 35	22 11	0 6	14 49	1 4	12 49	1 26	9 43	0 36	4 23	1 3	22 19	2 17	9 48	9 17	8 2	18 5	3 57	
W14	21 33	0 46	2 32	17 26	4 55	17 51	1 35	22 17	0 5	14 49	1 4	12 47	1 26	9 43	0 36	4 23	1 3	22 19	2 17	9 47	9 18	8 4	18 5	3 57	
T 15	21 24	3s 6	3 25	17 31	4 54	17 30	1 35	22 23	0 4	14 50	1 3	12 44	1 26	9 44	0 36	4 23	1 3	22 18	2 17	9 47	9 19	8 6	18 5	3 58	
F 16	21 14	6 48	4 9	17 37	4 52	17 8	1 35	22 29	0 4	14 51	1 3	12 42	1 26	9 44	0 36	4 24	1 3	22 18	2 17	9 47	9 21	8 8	18 6	3 58	
S 17	21 4	10 14	4 42	17 43	4 48	16 46	1 36	22 34	0 3	14 51	1 3	12 40	1 26	9 44	0 36	4 24	1 3	22 18	2 17	9 47	9 22	8 10	18 6	3 58	
S 18	20 53	13 16	5 3	17 51	4 42	16 23	1 36	22 39	0 2	14 52	1 3	12 37	1 26	9 44	0 36	4 24	1 3	22 17	2 17	9 48	9 23	8 11	18 6	3 58	
M19	20 42	15 47	5 11	18 0	4 36	16 0	1 36	22 44	0 1	14 53	1 2	12 35	1 26	9 45	0 36	4 25	1 3	22 17	2 17	9 50	9 24	8 13	18 6	3 59	
T 20	20 31	17 38	5 4	18 9	4 27	15 36	1 36	22 49	0 0	14 53	1 2	12 33	1 26	9 45	0 36	4 25	1 3	22 17	2 17	9 52	9 25	8 15	18 7	3 59	
W21	20 19	18 41	4 44	18 19	4 18	15 12	1 35	22 53	0n 0	14 54	1 2	12 30	1 26	9 45	0 36	4 25	1 3	22 16	2 17	9 54	9 26	8 17	18 7	3 59	
T 22	20 7	18 48	4 8	18 29	4 8	14 47	1 35	22 58	0 1	14 55	1 2	12 28	1 26	9 45	0 36	4 26	1 3	22 16	2 17	9 56	9 28	8 19	18 7	3 59	
F 23	19 55	17 55	3 19	18 40	3 56	14 23	1 35	23 2	0 2	14 56	1 1	12 25	1 26	9 45	0 36	4 26	1 3	22 16	2 17	9 58	9 29	8 21	18 7	4 0	
S 24	19 43	16 2	2 18	18 51	3 44	13 57	1 35	23 6	0 3	14 57	1 1	12 23	1 26	9 45	0 36	4 27	1 3	22 16	2 17	9 59	9 30	8 22	18 7	4 0	
S 25	19 30	13 14	1 8	19 2	3 31	13 32	1 34	23 9	0 3	14 58	1 1	12 20	1 26	9 46	0 36	4 27	1 3	22 15	2 17	10 0	9 31	8 24	18 7	4 0	
M26	19 16	9 38	0s 7	19 13	3 18	13 6	1 34	23 13	0 4	14 59	1 1	12 18	1 26	9 46	0 36	4 27	1 3	22 15	2 17	10 0	9 32	8 26	18 8	4 1	
T 27	19 3	5 28	1 23	19 24	3 4	12 39	1 33	23 16	0 5	15 0	1 0	12 15	1 26	9 46	0 36	4 28	1 3	22 15	2 18	10 0	9 33	8 28	18 8	4 1	
W28	18 49	0 59	2 34	19 34	2 49	12 13	1 32	23 19	0 6	15 1	1 0	12 13	1 26	9 46	0 36	4 28	1 3	22 14	2 18	9 59	9 35	8 30	18 8	4 1	
T 29	18 35	3n35	3 36	19 44	2 34	11 46	1 31	23 22	0 7	15 2	1 0	12 10	1 26	9 46	0 36	4 29	1 3	22 14	2 18	9 59	9 36	8 31	18 8	4 2	
F 30	18 20	7 57	4 26	19 53	2 19	11 19	1 31	23 25	0 7	15 4	1 0	12 8	1 26	9 46	0 36	4 29	1 3	22 14	2 18	9 58	9 37	8 33	18 8	4 2	
S 31	18n 5	11n51	4s59	20n 1	2s 4	10n51	1n30	23n27	0n 8	15s 5	0n59	12n 5	1n26	9n46	0s36	4s30	1s 3	22n14	2n18	9n58	9n38	8s35	18n 8	4s 2	

Julian Day Number = 2518931.5, Delta T = 148.60 sec
Ecliptic obliquity = 23°24'46, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°19'07, Lahiri = 26°26'07

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2184
geocentric

AUGUST 2184 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 41 22	9♌34'01	0♊15	19♋58	6♍46	25♊41	14♏ 5	2♍ 8	26°R50	21°R 5	0♌42	4°R 9	5♍ 2	3♏46	11♊32	S 1
M 2	20 45 18	10°31'24	14°21	21° 0	7°59	26°21	14° 9	2°15	26♈50	21♓ 4	0°44	4♍ 7	4°59	3°52	11°35	M 2
T 3	20 49 15	11°28'48	28°20	22° 8	9°11	27° 2	14°13	2°22	26°50	21° 3	0°45	4° 4	4°56	3°59	11°38	T 3
W 4	20 53 12	12°26'14	12♋ 9	23°21	10°24	27°42	14°17	2°30	26°49	21° 2	0°47	4° 1	4°53	4° 6	11°41	W 4
T 5	20 57 8	13°23'40	25°45	24°40	11°37	28°23	14°22	2°37	26°49	21° 0	0°49	3°58	4°50	4°12	11°44	T 5
F 6	21 1 5	14°21'08	9♌ 6	26° 3	12°49	29° 3	14°26	2°44	26°49	20°59	0°50	3°55	4°46	4°19	11°47	F 6
S 7	21 5 1	15°18'36	22°11	27°31	14° 2	29°44	14°31	2°52	26°49	20°58	0°52	3°54	4°43	4°26	11°49	S 7
S 8	21 8 58	16°16'05	4♍59	29° 4	15°14	0♋24	14°36	2°59	26°48	20°57	0°53	3°D54	4°40	4°33	11°52	S 8
M 9	21 12 54	17°13'35	17°30	0♌41	16°27	1° 4	14°41	3° 7	26°48	20°55	0°55	3°54	4°37	4°39	11°54	M 9
T 10	21 16 51	18°11'06	29°47	2°22	17°39	1°44	14°46	3°14	26°48	20°54	0°57	3°55	4°34	4°46	11°57	T 10
W11	21 20 47	19° 8'38	11♎53	4° 7	18°52	2°24	14°51	3°21	26°47	20°53	0°58	3°57	4°31	4°53	11°59	W11
T 12	21 24 44	20° 6'11	23°50	5°55	20° 4	3° 4	14°57	3°29	26°47	20°51	1° 0	3°58	4°27	4°59	12° 2	T 12
F 13	21 28 41	21° 3'44	5♏42	7°46	21°16	3°44	15° 3	3°36	26°46	20°50	1° 1	3°59	4°24	5° 6	12° 4	F 13
S 14	21 32 37	22° 1'19	17°34	9°40	22°29	4°24	15° 8	3°44	26°46	20°49	1° 3	3°R59	4°21	5°13	12° 7	S 14
S 15	21 36 34	22°58'54	29°32	11°35	23°41	5° 3	15°14	3°51	26°45	20°47	1° 4	3°59	4°18	5°19	12° 9	S 15
M16	21 40 30	23°56'30	11♐38	13°33	24°53	5°43	15°21	3°59	26°44	20°46	1° 6	3°59	4°15	5°26	12°11	M16
T 17	21 44 27	24°54'08	23°58	15°33	26° 6	6°22	15°27	4° 7	26°43	20°44	1° 7	3°58	4°12	5°33	12°13	T 17
W18	21 48 23	25°51'46	6♑36	17°33	27°18	7° 2	15°33	4°14	26°43	20°43	1° 9	3°57	4° 8	5°40	12°15	W18
T 19	21 52 20	26°49'25	19°33	19°34	28°30	7°41	15°40	4°22	26°42	20°41	1°10	3°56	4° 5	5°46	12°17	T 19
F 20	21 56 16	27°47'06	2♒52	21°36	29°42	8°20	15°46	4°29	26°41	20°40	1°12	3°55	4° 2	5°53	12°19	F 20
S 21	22 0 13	28°44'47	16°32	23°37	0♎54	9° 0	15°53	4°37	26°40	20°39	1°13	3°55	3°59	6° 0	12°21	S 21
S 22	22 4 10	29°42'30	0♓31	25°39	2° 6	9°39	16° 0	4°44	26°39	20°37	1°15	3°D55	3°56	6° 6	12°23	S 22
M23	22 8 6	0♍40'14	14°46	27°40	3°18	10°18	16° 7	4°52	26°38	20°35	1°16	3°55	3°52	6°13	12°25	M23
T 24	22 12 3	1°37'59	29°12	29°41	4°30	10°57	16°14	5° 0	26°37	20°34	1°18	3°55	3°49	6°20	12°26	T 24
W25	22 15 59	2°35'46	13♈45	1♍41	5°42	11°36	16°22	5° 7	26°36	20°32	1°19	3°55	3°46	6°27	12°28	W25
T 26	22 19 56	3°33'35	28°17	3°40	6°54	12°15	16°29	5°15	26°35	20°31	1°21	3°R55	3°43	6°33	12°30	T 26
F 27	22 23 52	4°31'25	12♉45	5°38	8° 6	12°53	16°37	5°22	26°33	20°29	1°22	3°55	3°40	6°40	12°31	F 27
S 28	22 27 49	5°29'18	27° 4	7°35	9°18	13°32	16°45	5°30	26°32	20°28	1°24	3°55	3°37	6°47	12°32	S 28
S 29	22 31 45	6°27'12	11♊11	9°31	10°29	14°11	16°52	5°38	26°31	20°26	1°25	3°D55	3°33	6°53	12°34	S 29
M30	22 35 42	7°25'08	25° 5	11°26	11°41	14°49	17° 0	5°45	26°30	20°25	1°26	3°55	3°30	7° 0	12°35	M30
T 31	22 39 39	8♍23'06	8♋44	13♍20	12♎53	15♋28	17♏ 9	5♍53	26♈28	20♓23	1♌28	3♍55	3♍27	7♏ 7	12♊36	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n50	15n 4	5s13	20n 8	1s49	10n23	1n29	23n29	0n 9	15s 6	0n59	12n 2	1n26	9n46	0s36	4s30	1s 3	22n13	2n18	9n59	9n39	8s37	18n 8	4s 2
M 2	17 35	17 23	5 9	20 14	1 33	9 55	1 28	23 31	0 10	15 8	0 59	12 0	1 26	9 46	0 37	4 31	1 3	22 13	2 18	10 0	9 40	8 39	18 8	4 3
T 3	17 19	18 38	4 47	20 19	1 18	9 27	1 27	23 33	0 10	15 9	0 59	11 57	1 26	9 46	0 37	4 31	1 3	22 13	2 18	10 1	9 42	8 40	18 8	4 3
W 4	17 3	18 45	4 8	20 21	1 3	8 59	1 25	23 35	0 11	15 11	0 58	11 55	1 26	9 46	0 37	4 32	1 4	22 12	2 18	10 2	9 43	8 42	18 8	4 3
T 5	16 47	17 47	3 15	20 22	0 49	8 30	1 24	23 36	0 12	15 12	0 58	11 52	1 26	9 46	0 37	4 32	1 4	22 12	2 18	10 3	9 44	8 44	18 9	4 4
F 6	16 30	15 50	2 13	20 21	0 34	8 1	1 23	23 37	0 13	15 14	0 58	11 49	1 26	9 45	0 37	4 33	1 4	22 12	2 18	10 4	9 45	8 46	18 9	4 4
S 7	16 14	13 5	1 4	20 18	0 20	7 32	1 21	23 38	0 14	15 15	0 58	11 47	1 26	9 45	0 37	4 33	1 4	22 12	2 18	10 4	9 46	8 48	18 9	4 4
S 8	15 57	9 46	0n 6	20 13	0 7	7 2	1 20	23 39	0 15	15 17	0 57	11 44	1 26	9 45	0 37	4 34	1 4	22 11	2 18	10 4	9 47	8 49	18 9	4 5
M 9	15 39	6 5	1 15	20 5	0n 6	6 33	1 18	23 40	0 15	15 19	0 57	11 41	1 26	9 45	0 37	4 34	1 4	22 11	2 19	10 4	9 48	8 51	18 9	4 5
T 10	15 22	2 12	2 18	19 55	0 19	6 3	1 17	23 40	0 16	15 21	0 57	11 39	1 26	9 45	0 37	4 35	1 4	22 11	2 19	10 4	9 50	8 53	18 9	4 5
W11	15 4	1s42	3 15	19 42	0 30	5 33	1 15	23 40	0 17	15 22	0 57	11 36	1 26	9 45	0 37	4 35	1 4	22 11	2 19	10 3	9 51	8 55	18 9	4 6
T 12	14 46	5 29	4 2	19 26	0 41	5 3	1 13	23 40	0 18	15 24	0 56	11 33	1 26	9 44	0 37	4 36	1 4	22 10	2 19	10 3	9 52	8 57	18 9	4 6
F 13	14 28	9 1	4 39	19 8	0 51	4 33	1 11	23 40	0 19	15 26	0 56	11 31	1 26	9 44	0 37	4 36	1 4	22 10	2 19	10 2	9 53	8 58	18 8	4 6
S 14	14 9	12 11	5 4	18 47	1 0	4 3	1 9	23 40	0 19	15 28	0 56	11 28	1 26	9 44	0 37	4 37	1 4	22 10	2 19	10 2	9 54	9 0	18 8	4 7
S 15	13 50	14 53	5 16	18 23	1 9	3 32	1 7	23 39	0 20	15 30	0 56	11 25	1 26	9 44	0 37	4 38	1 4	22 10	2 19	10 2	9 55	9 2	18 8	4 7
M16	13 32	16 58	5 14	17 57	1 16	3 2	1 5	23 39	0 21	15 32	0 56	11 23	1 26	9 43	0 37	4 38	1 4	22 9	2 19	10 2	9 57	9 4	18 8	4 7
T 17	13 12	18 19	4 58	17 29	1 23	2 31	1 3	23 38	0 22	15 34	0 55	11 20	1 26	9 43	0 37	4 39	1 4	22 9	2 19	10 3	9 58	9 5	18 8	4 8
W18	12 53	18 48	4 27	16 58	1 29	2 0	1 1	23 36	0 23	15 36	0 55	11 17	1 26	9 43	0 37	4 39	1 4	22 9	2 19	10 3	9 59	9 7	18 8	4 8
T 19	12 34	18 20	3 42	16 25	1 34	1 30	0 59	23 35	0 24	15 38	0 55	11 14	1 26	9 43	0 37	4 40	1 4	22 8	2 19	10 3	10 0	9 9	18 8	4 9
F 20	12 14	16 50	2 44	15 50	1 38	0 59	0 56	23 34	0 25	15 40	0 55	11 12	1 26	9 42	0 37	4 41	1 4	22 8	2 19	10 4	10 1	9 11	18 8	4 9
S 21	11 54	14 21	1 35	15 13	1 41	0 28	0 54	23 32	0 25	15 42	0 54	11 9	1 26	9 42	0 37	4 41	1 4	22 8	2 20	10 4	10 2	9 13	18 8	4 9
S 22	11 34	10 59	0 19	14 35	1 43	0s 3	0 51	23 30	0 26	15 45	0 54	11 6	1 26	9 42	0 37	4 42	1 4	22 8	2 20	10 4	10 3	9 14	18 8	4 10
M23	11 13	6 55	1s 0	13 55	1 45	0 34	0 49	23 28	0 27	15 47	0 54	11 4	1 27	9 41	0 37	4 42	1 4	22 8	2 20	10 4	10 5	9 16	18 8	4 10
T 24	10 53	2 24	2 16	13 13	1 46	1 5	0 46	23 26	0 28	15 49	0 54	11 1	1 27	9 41	0 37	4 43	1 4	22 7	2 20	10 4	10 6	9 18	18 7	4 10
W25	10 32	2n17	3 24	12 31	1 46	1 36	0 44	23 23	0 29	15 51	0 54	10 58	1 27	9 40	0 37	4 44	1 4	22 7	2 20	10 4	10 7	9 20	18 7	4 11
T 26	10 11	6 50	4 18	11 47	1 45	2 6	0 41	23 20	0 30	15 54	0 53	10 55	1 27	9 40	0 37	4 44	1 4	22 7	2 20	10 4	10 8	9 22	18 7	4 11
F 27	9 50	10 57	4 56	11 3	1 44	2 37	0 38	23 18	0 30	15 56	0 53	10 53	1 27	9 39	0 37	4 45	1 4	22 7	2 20	10 4	10 9	9 23	18 7	4 12
S 28	9 29	14 22	5 15	10 18	1 42	3 8	0 35	23 15	0 31	15 59	0 53	10 50	1 27	9 39	0 37	4 46	1 4	22 6	2 20	10 4	10 10	9 25	18 7	4 12
S 29	9 8	16 54	5 15	9 32	1 40	3 39	0 33	23 12	0 32	16 1	0 53	10 47	1 27	9 38	0 37	4 46	1 4	22 6	2 20	10 4	10 12	9 27	18 6	4 12
M30	8 47	18 24	4 56	8 46	1 37	4 10	0 30	23 8	0 33	16 3	0 53	10 44	1 27	9 38	0 37	4 47	1 4	22 6	2 20	10 4	10 13	9 29	18 6	4 13
T 31	8n25	18n47	4s21	7n59	1n34	4s40	0n27	23n 5	0n34	16s 6	0n52	10n42	1n27	9n37	0s37	4s47	1s 4	22n 6	2n21	10n 4	10n14	9s30	18n 6	4s13

Julian Day Number = 2518962.5, Delta T = 148.68 sec
Ecliptic obliquity = 23°24'46, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°19'11, Lahiri = 26°26'11

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2184
geocentric

SEPTEMBER 2184 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 43 35	9♍21'05	22♋10	15♍12	14♎ 5	16♋ 6	17♏17	6♍ 1	26°R27	20°R21	1♘29	3♍56	3♍24	7♏14	12♊38	W 1
T 2	22 47 32	10°19'07	5♌21	17° 4	15°16	16°44	17°25	6° 8	26♈25	20♓20	1°30	3°56	3°21	7°20	12°39	T 2
F 3	22 51 28	11°17'10	18°18	18°54	16°28	17°22	17°34	6°16	26°24	20°18	1°32	3°57	3°17	7°27	12°40	F 3
S 4	22 55 25	12°15'14	1♍ 2	20°42	17°40	18° 0	17°42	6°23	26°22	20°16	1°33	3°R57	3°14	7°34	12°41	S 4
S 5	22 59 21	13°13'21	13°33	22°30	18°51	18°38	17°51	6°31	26°21	20°15	1°34	3°57	3°11	7°40	12°42	S 5
M 6	23 3 18	14°11'29	25°53	24°16	20° 3	19°16	18° 0	6°39	26°19	20°13	1°36	3°56	3° 8	7°47	12°43	M 6
T 7	23 7 14	15° 9'39	8♎ 2	26° 1	21°14	19°54	18° 9	6°46	26°18	20°11	1°37	3°55	3° 5	7°54	12°43	T 7
W 8	23 11 11	16° 7'50	20° 3	27°45	22°25	20°32	18°18	6°54	26°16	20°10	1°38	3°54	3° 2	8° 0	12°44	W 8
T 9	23 15 7	17° 6'03	1♏57	29°27	23°37	21°10	18°27	7° 1	26°14	20° 8	1°39	3°52	2°58	8° 7	12°45	T 9
F 10	23 19 4	18° 4'17	13°49	1♎ 9	24°48	21°47	18°36	7° 9	26°12	20° 7	1°41	3°50	2°55	8°14	12°45	F 10
S 11	23 23 1	19° 2'34	25°40	2°49	25°59	22°25	18°46	7°16	26°11	20° 5	1°42	3°48	2°52	8°21	12°46	S 11
S 12	23 26 57	20° 0'51	7♐36	4°28	27°11	23° 2	18°55	7°24	26° 9	20° 3	1°43	3°47	2°49	8°27	12°46	S 12
M13	23 30 54	20°59'10	19°40	6° 6	28°22	23°39	19° 5	7°31	26° 7	20° 2	1°44	3°D46	2°46	8°34	12°47	M13
T 14	23 34 50	21°57'31	1♑57	7°43	29°33	24°16	19°14	7°39	26° 5	20° 0	1°45	3°47	2°43	8°41	12°47	T 14
W15	23 38 47	22°55'53	14°32	9°19	0♏44	24°53	19°24	7°46	26° 3	19°58	1°46	3°48	2°39	8°47	12°47	W15
T 16	23 42 43	23°54'17	27°28	10°53	1°55	25°30	19°34	7°54	26° 1	19°57	1°48	3°49	2°36	8°54	12°47	T 16
F 17	23 46 40	24°52'43	10♒49	12°27	3° 6	26° 7	19°44	8° 1	25°59	19°55	1°49	3°50	2°33	9° 1	12°48	F 17
S 18	23 50 36	25°51'10	24°35	13°59	4°17	26°44	19°54	8° 8	25°57	19°53	1°50	3°51	2°30	9° 8	12°R48	S 18
S 19	23 54 33	26°49'39	8♓47	15°31	5°28	27°21	20° 4	8°16	25°55	19°52	1°51	3°R52	2°27	9°14	12°48	S 19
M20	23 58 30	27°48'09	23°20	17° 1	6°38	27°57	20°14	8°23	25°53	19°50	1°52	3°51	2°23	9°21	12°47	M20
T 21	0 2 26	28°46'41	8♈10	18°30	7°49	28°34	20°25	8°30	25°51	19°48	1°53	3°48	2°20	9°28	12°47	T 21
W22	0 6 23	29°45'16	23° 9	19°58	9° 0	29°10	20°35	8°38	25°49	19°47	1°54	3°45	2°17	9°34	12°47	W22
T 23	0 10 19	0♎43'52	8♉ 7	21°25	10°10	29°46	20°46	8°45	25°47	19°45	1°55	3°42	2°14	9°41	12°47	T 23
F 24	0 14 16	1°42'31	22°57	22°51	11°21	0♌23	20°56	8°52	25°45	19°44	1°56	3°38	2°11	9°48	12°46	F 24
S 25	0 18 12	2°41'12	7♊31	24°16	12°31	0°59	21° 7	8°59	25°43	19°42	1°57	3°35	2° 8	9°55	12°46	S 25
S 26	0 22 9	3°39'55	21°45	25°39	13°42	1°35	21°18	9° 7	25°41	19°40	1°58	3°33	2° 4	10° 1	12°45	S 26
M27	0 26 5	4°38'40	5♋38	27° 2	14°52	2°11	21°29	9°14	25°38	19°39	1°58	3°D33	2° 1	10° 8	12°45	M27
T 28	0 30 2	5°37'28	19° 9	28°23	16° 2	2°46	21°40	9°21	25°36	19°37	1°59	3°33	1°58	10°15	12°44	T 28
W29	0 33 59	6°36'18	2♌20	29°43	17°13	3°22	21°51	9°28	25°34	19°36	2° 0	3°35	1°55	10°21	12°43	W29
T 30	0 37 55	7♎35'10	15♌13	1♏ 2	18♏23	3♌58	22♏ 2	9♍35	25♈32	19♓34	2♌ 1	3♍36	1♍52	10♏28	12♊43	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	8n 3	18n 7	3s32	7n12	1n30	5s11	0n24	23n 1	0n35	16s 8	0n52	10n39	1n27	9n37	0s37	4s48	1s 4	22n 6	2n21	10n 3	10n15	9s32	18n 6	4s13	W 1
T 2	7 41	16 27	2 32	6 25	1 26	5 41	0 21	22 57	0 36	16 11	0 52	10 36	1 27	9 36	0 37	4 49	1 4	22 5	2 21	10 3	10 16	9 34	18 6	4 14	T 2
F 3	7 19	13 58	1 26	5 38	1 21	6 12	0 18	22 53	0 37	16 14	0 52	10 33	1 27	9 36	0 37	4 49	1 4	22 5	2 21	10 3	10 17	9 36	18 5	4 14	F 3
S 4	6 57	10 51	0 16	4 51	1 16	6 42	0 14	22 49	0 37	16 16	0 51	10 31	1 27	9 35	0 37	4 50	1 4	22 5	2 21	10 3	10 18	9 38	18 5	4 15	S 4
S 5	6 35	7 17	0n53	4 4	1 11	7 12	0 11	22 45	0 38	16 19	0 51	10 28	1 27	9 35	0 37	4 51	1 4	22 5	2 21	10 3	10 20	9 39	18 5	4 15	S 5
M 6	6 13	3 27	1 58	3 16	1 5	7 42	0 8	22 41	0 39	16 21	0 51	10 25	1 28	9 34	0 37	4 51	1 4	22 5	2 21	10 3	10 21	9 41	18 4	4 15	M 6
T 7	5 50	0s28	2 58	2 29	0 59	8 12	0 5	22 36	0 40	16 24	0 51	10 22	1 28	9 34	0 37	4 52	1 4	22 4	2 21	10 4	10 22	9 43	18 4	4 16	T 7
W 8	5 28	4 18	3 48	1 43	0 53	8 42	0 1	22 31	0 41	16 27	0 51	10 20	1 28	9 33	0 37	4 53	1 4	22 4	2 21	10 4	10 23	9 45	18 4	4 16	W 8
T 9	5 5	7 56	4 28	0 56	0 47	9 11	0s 2	22 26	0 42	16 29	0 51	10 17	1 28	9 32	0 37	4 53	1 4	22 4	2 21	10 5	10 24	9 46	18 4	4 17	T 9
F 10	4 43	11 14	4 57	0 10	0 40	9 41	0 5	22 21	0 43	16 32	0 50	10 14	1 28	9 32	0 37	4 54	1 4	22 4	2 22	10 6	10 25	9 48	18 3	4 17	F 10
S 11	4 20	14 5	5 13	0s36	0 34	10 10	0 9	22 16	0 44	16 35	0 50	10 12	1 28	9 31	0 37	4 55	1 4	22 4	2 22	10 6	10 26	9 50	18 3	4 17	S 11
S 12	3 57	16 22	5 15	1 22	0 27	10 39	0 12	22 11	0 45	16 38	0 50	10 9	1 28	9 30	0 37	4 55	1 4	22 4	2 22	10 7	10 28	9 52	18 3	4 18	S 12
M13	3 34	17 58	5 4	2 7	0 20	11 8	0 16	22 6	0 46	16 40	0 50	10 6	1 28	9 30	0 37	4 56	1 4	22 3	2 22	10 7	10 29	9 53	18 2	4 18	M13
T 14	3 11	18 45	4 39	2 52	0 12	11 36	0 19	22 0	0 46	16 43	0 50	10 3	1 28	9 29	0 37	4 57	1 4	22 3	2 22	10 7	10 30	9 55	18 2	4 18	T 14
W15	2 48	18 39	3 59	3 36	0 5	12 4	0 23	21 54	0 47	16 46	0 49	10 1	1 28	9 28	0 37	4 57	1 4	22 3	2 22	10 6	10 31	9 57	18 2	4 19	W15
T 16	2 25	17 35	3 7	4 20	0s 2	12 32	0 26	21 48	0 48	16 49	0 49	9 58	1 28	9 28	0 37	4 58	1 4	22 3	2 22	10 6	10 32	9 59	18 1	4 19	T 16
F 17	2 2	15 31	2 4	5 4	0 10	13 0	0 30	21 43	0 49	16 52	0 49	9 55	1 29	9 27	0 37	4 59	1 4	22 3	2 22	10 5	10 33	10 1	18 1	4 20	F 17
S 18	1 39	12 31	0 51	5 47	0 17	13 28	0 34	21 36	0 50	16 55	0 49	9 53	1 29	9 26	0 37	4 59	1 4	22 3	2 22	10 5	10 34	10 2	18 0	4 20	S 18
S 19	1 16	8 41	0s27	6 29	0 25	13 55	0 37	21 30	0 51	16 57	0 49	9 50	1 29	9 25	0 37	5 0	1 4	22 3	2 23	10 5	10 36	10 4	18 0	4 20	S 19
M20	0 52	4 15	1 45	7 11	0 33	14 22	0 41	21 24	0 52	17 0	0 49	9 47	1 29	9 25	0 37	5 1	1 4	22 2	2 23	10 5	10 37	10 6	18 0	4 21	M20
T 21	0 29	0n31	2 57	7 52	0 40	14 48	0 45	21 17	0 53	17 3	0 48	9 45	1 29	9 24	0 37	5 1	1 4	22 2	2 23	10 6	10 38	10 8	17 59	4 21	T 21
W22	0 6	5 18	3 58	8 33	0 48	15 14	0 48	21 11	0 54	17 6	0 48	9 42	1 29	9 23	0 37	5 2	1 4	22 2	2 23	10 7	10 39	10 9	17 59	4 22	W22
T 23	0s17	9 44	4 43	9 12	0 56	15 40	0 52	21 4	0 55	17 9	0 48	9 40	1 29	9 22	0 37	5 2	1 4	22 2	2 23	10 9	10 40	10 11	17 58	4 22	T 23
F 24	0 41	13 31	5 8	9 52	1 4	16 6	0 56	20 57	0 56	17 12	0 48	9 37	1 29	9 21	0 37	5 3	1 4	22 2	2 23	10 10	10 41	10 13	17 58	4 22	F 24
S 25	1 4	16 24	5 12	10 30	1 11	16 31	0 59	20 50	0 57	17 15	0 48	9 34	1 29	9 21	0 37	5 4	1 4	22 2	2 23	10 11	10 42	10 15	17 58	4 23	S 25
S 26	1 27	18 12	4 58	11 8	1 19	16 56	1 3	20 43	0 58	17 18	0 48	9 32	1 30	9 20	0 37	5 4	1 4	22 2	2 23	10 12	10 44	10 16	17 57	4 23	S 26
M27	1 51	18 52	4 26	11 45	1 26	17 20	1 7	20 36	0 59	17 21	0 47	9 29	1 30	9 19	0 37	5 5	1 4	22 2	2 24	10 12	10 45	10 18	17 57	4 24	M27
T 28	2 14	18 26	3 39	12 21	1 34	17 44	1 10	20 29	1 0	17 24	0 47	9 27	1 30	9 18	0 37	5 6	1 4	22 2	2 24	10 12	10 46	10 20	17 56	4 24	T 28
W29	2 37	16 59	2 43	12 57	1 41	18 8	1 14	20 22	1 1	17 27	0 47	9 24	1 30	9 17	0 37	5 6	1 4	22 2	2 24	10 11	10 47	10 22	17 56	4 24	W29
T 30	3s 0	14n41	1s39	13s31	1s49	18s31	1s18	20n14	1n 2	17s30	0n47	9n22	1n30	9n17	0s38	5s 7	1s 4	22n 2	2n24	10n10	10n48	10s23	17n55	4s25	T 30

Julian Day Number = 2518993.5, Delta T = 148.75 sec
Ecliptic obliquity = 23°24'47, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°19'15, Lahiri = 26°26'16

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2184
geocentric

OCTOBER 2184 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 41 52	8♎34'04	27♌51	2♏19	19♏33	4♌33	22♏13	9♍42	25°R29	19°R33	2♌ 2	3°R37	1♍49	10♏35	12°R42	F 1
S 2	0 45 48	9°33'01	10♍16	3°35	20°43	5° 9	22°24	9°49	25♈27	19♓31	2° 3	3♍37	1°45	10°42	12♊41	S 2
S 3	0 49 45	10°31'59	22°32	4°50	21°53	5°44	22°35	9°56	25°25	19°29	2° 3	3°36	1°42	10°48	12°40	S 3
M 4	0 53 41	11°31'00	4♎39	6° 3	23° 3	6°19	22°47	10° 3	25°22	19°28	2° 4	3°32	1°39	10°55	12°39	M 4
T 5	0 57 38	12°30'03	16°40	7°14	24°12	6°54	22°58	10°10	25°20	19°26	2° 5	3°27	1°36	11° 2	12°38	T 5
W 6	1 1 34	13°29'08	28°35	8°24	25°22	7°29	23°10	10°17	25°18	19°25	2° 5	3°20	1°33	11° 8	12°37	W 6
T 7	1 5 31	14°28'14	10♏28	9°31	26°32	8° 3	23°22	10°23	25°15	19°23	2° 6	3°12	1°29	11°15	12°35	T 7
F 8	1 9 27	15°27'23	22°18	10°37	27°41	8°38	23°33	10°30	25°13	19°22	2° 7	3° 4	1°26	11°22	12°34	F 8
S 9	1 13 24	16°26'34	4♐10	11°40	28°51	9°13	23°45	10°37	25°10	19°21	2° 7	2°56	1°23	11°29	12°33	S 9
S 10	1 17 21	17°25'46	16° 5	12°41	0♐ 0	9°47	23°57	10°43	25° 8	19°19	2° 8	2°50	1°20	11°35	12°31	S 10
M11	1 21 17	18°25'00	28° 8	13°40	1°10	10°21	24° 9	10°50	25° 5	19°18	2° 9	2°46	1°17	11°42	12°30	M11
T 12	1 25 14	19°24'17	10♑21	14°35	2°19	10°55	24°21	10°56	25° 3	19°16	2° 9	2°44	1°14	11°49	12°28	T 12
W13	1 29 10	20°23'34	22°51	15°28	3°28	11°29	24°33	11° 3	25° 1	19°15	2°10	2°D43	1°10	11°55	12°26	W13
T 14	1 33 7	21°22'54	5♒40	16°17	4°37	12° 3	24°45	11° 9	24°58	19°14	2°10	2°44	1° 7	12° 2	12°25	T 14
F 15	1 37 3	22°22'15	18°54	17° 2	5°46	12°37	24°57	11°16	24°56	19°12	2°11	2°45	1° 4	12° 9	12°23	F 15
S 16	1 41 0	23°21'38	2♓36	17°43	6°55	13°10	25° 9	11°22	24°53	19°11	2°11	2°R46	1° 1	12°16	12°21	S 16
S 17	1 44 56	24°21'03	16°46	18°20	8° 4	13°44	25°21	11°28	24°51	19°10	2°11	2°45	0°58	12°22	12°19	S 17
M18	1 48 53	25°20'30	1♈24	18°52	9°12	14°17	25°34	11°35	24°48	19° 9	2°12	2°42	0°54	12°29	12°17	M18
T 19	1 52 50	26°19'58	16°24	19°18	10°21	14°50	25°46	11°41	24°46	19° 7	2°12	2°37	0°51	12°36	12°15	T 19
W20	1 56 46	27°19'29	1♉38	19°39	11°29	15°23	25°58	11°47	24°44	19° 6	2°12	2°29	0°48	12°42	12°13	W20
T 21	2 0 43	28°19'01	16°56	19°53	12°37	15°56	26°11	11°53	24°41	19° 5	2°13	2°21	0°45	12°49	12°11	T 21
F 22	2 4 39	29°18'36	2♊ 6	20°R 0	13°45	16°29	26°23	11°59	24°39	19° 4	2°13	2°12	0°42	12°56	12° 9	F 22
S 23	2 8 36	0♏18'13	16°59	19°59	14°53	17° 1	26°36	12° 5	24°36	19° 3	2°13	2° 5	0°39	13° 3	12° 7	S 23
S 24	2 12 32	1°17'52	1♋28	19°51	16° 1	17°34	26°48	12°11	24°34	19° 1	2°14	1°59	0°35	13° 9	12° 4	S 24
M25	2 16 29	2°17'34	15°29	19°34	17° 9	18° 6	27° 1	12°17	24°31	19° 0	2°14	1°56	0°32	13°16	12° 2	M25
T 26	2 20 25	3°17'18	29° 2	19° 8	18°17	18°38	27°14	12°22	24°29	18°59	2°14	1°D54	0°29	13°23	12° 0	T 26
W27	2 24 22	4°17'04	12♌10	18°33	19°24	19°10	27°26	12°28	24°27	18°58	2°14	1°54	0°26	13°29	11°57	W27
T 28	2 28 19	5°16'52	24°55	17°50	20°31	19°42	27°39	12°34	24°24	18°57	2°14	1°55	0°23	13°36	11°55	T 28
F 29	2 32 15	6°16'42	7♍23	16°57	21°39	20°14	27°52	12°39	24°22	18°56	2°14	1°R55	0°20	13°43	11°52	F 29
S 30	2 36 12	7°16'35	19°37	15°57	22°46	20°45	28° 5	12°45	24°19	18°55	2°15	1°53	0°16	13°50	11°50	S 30
S 31	2 40 8	8♏16'29	1♎41	14♏50	23♐52	21♌16	28♏18	12♍50	24♈17	18♓54	2♌15	1♍49	0♍13	13♏56	11♊47	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	3s24	11n43	0s32	14s 5	1s56	18s54	1s21	20n 7	1n 3	17s33	0n47	9n19	1n30	9n16	0s38	5s 7	1s 4	22n 2	2n24	10n10	10n49	10s25	17n55	4s25	F 1
S 2	3 47	8 16	0n36	14 38	2 3	19 17	1 25	19 59	1 4	17 36	0 47	9 17	1 30	9 15	0 38	5 8	1 4	22 1	2 24	10 10	10 50	10 27	17 54	4 25	S 2
S 3	4 10	4 31	1 41	15 9	2 10	19 38	1 28	19 52	1 5	17 39	0 46	9 14	1 31	9 14	0 38	5 9	1 4	22 1	2 24	10 11	10 51	10 29	17 54	4 26	S 3
M 4	4 33	0 37	2 41	15 40	2 17	20 0	1 32	19 44	1 6	17 42	0 46	9 12	1 31	9 13	0 38	5 9	1 4	22 1	2 24	10 12	10 53	10 30	17 53	4 26	M 4
T 5	4 56	3s16	3 32	16 10	2 23	20 21	1 36	19 36	1 7	17 45	0 46	9 9	1 31	9 12	0 38	5 10	1 4	22 1	2 25	10 14	10 54	10 32	17 53	4 27	T 5
W 6	5 19	7 0	4 14	16 39	2 29	20 41	1 39	19 28	1 8	17 48	0 46	9 7	1 31	9 12	0 38	5 10	1 4	22 1	2 25	10 17	10 55	10 34	17 52	4 27	W 6
T 7	5 42	10 26	4 45	17 6	2 36	21 1	1 43	19 20	1 9	17 51	0 46	9 4	1 31	9 11	0 38	5 11	1 4	22 1	2 25	10 19	10 56	10 36	17 52	4 27	T 7
F 8	6 5	13 26	5 3	17 33	2 41	21 21	1 46	19 12	1 10	17 54	0 46	9 2	1 31	9 10	0 38	5 11	1 4	22 1	2 25	10 22	10 57	10 37	17 51	4 28	F 8
S 9	6 27	15 54	5 8	17 58	2 47	21 40	1 50	19 4	1 11	17 57	0 46	8 59	1 31	9 9	0 38	5 12	1 4	22 1	2 25	10 25	10 58	10 39	17 51	4 28	S 9
S 10	6 50	17 43	5 0	18 22	2 52	21 58	1 53	18 56	1 12	18 0	0 46	8 57	1 32	9 8	0 38	5 13	1 4	22 1	2 25	10 27	10 59	10 41	17 50	4 28	S 10
M11	7 13	18 45	4 39	18 44	2 57	22 16	1 57	18 48	1 13	18 3	0 45	8 55	1 32	9 7	0 38	5 13	1 4	22 1	2 25	10 29	11 0	10 42	17 50	4 29	M11
T 12	7 35	18 57	4 5	19 5	3 1	22 34	2 0	18 39	1 14	18 6	0 45	8 52	1 32	9 6	0 38	5 14	1 4	22 1	2 25	10 29	11 2	10 44	17 49	4 29	T 12
W13	7 58	18 13	3 18	19 24	3 5	22 51	2 3	18 31	1 15	18 9	0 45	8 50	1 32	9 5	0 38	5 14	1 4	22 1	2 26	10 30	11 3	10 46	17 48	4 30	W13
T 14	8 20	16 33	2 21	19 42	3 9	23 7	2 7	18 22	1 16	18 12	0 45	8 48	1 32	9 4	0 38	5 15	1 4	22 1	2 26	10 29	11 4	10 48	17 48	4 30	T 14
F 15	8 42	13 58	1 14	19 58	3 11	23 22	2 10	18 14	1 17	18 15	0 45	8 45	1 32	9 4	0 37	5 15	1 4	22 1	2 26	10 29	11 5	10 49	17 47	4 30	F 15
S 16	9 4	10 31	0 1	20 12	3 14	23 38	2 13	18 5	1 18	18 19	0 45	8 43	1 33	9 3	0 37	5 16	1 4	22 1	2 26	10 29	11 6	10 51	17 47	4 31	S 16
S 17	9 26	6 22	1s15	20 23	3 15	23 52	2 16	17 57	1 19	18 22	0 45	8 41	1 33	9 2	0 37	5 16	1 4	22 1	2 26	10 29	11 7	10 53	17 46	4 31	S 17
M18	9 48	1 42	2 27	20 33	3 16	24 6	2 19	17 48	1 20	18 25	0 44	8 39	1 33	9 1	0 37	5 17	1 4	22 1	2 26	10 30	11 8	10 55	17 46	4 31	M18
T 19	10 9	3n11	3 32	20 40	3 16	24 19	2 22	17 40	1 21	18 28	0 44	8 37	1 33	9 0	0 37	5 17	1 4	22 1	2 26	10 32	11 10	10 56	17 45	4 32	T 19
W20	10 31	7 55	4 22	20 45	3 15	24 32	2 25	17 31	1 22	18 31	0 44	8 34	1 33	8 59	0 37	5 18	1 4	22 1	2 26	10 35	11 11	10 58	17 44	4 32	W20
T 21	10 52	12 10	4 54	20 46	3 12	24 44	2 28	17 22	1 23	18 34	0 44	8 32	1 33	8 58	0 37	5 18	1 4	22 1	2 27	10 38	11 12	11 0	17 44	4 32	T 21
F 22	11 13	15 34	5 5	20 45	3 9	24 56	2 31	17 13	1 24	18 37	0 44	8 30	1 34	8 57	0 37	5 19	1 4	22 2	2 27	10 41	11 13	11 2	17 43	4 33	F 22
S 23	11 34	17 53	4 55	20 41	3 4	25 6	2 34	17 5	1 26	18 40	0 44	8 28	1 34	8 57	0 37	5 19	1 4	22 2	2 27	10 43	11 14	11 3	17 43	4 33	S 23
S 24	11 55	18 58	4 26	20 32	2 58	25 16	2 37	16 56	1 27	18 43	0 44	8 26	1 34	8 56	0 37	5 19	1 4	22 2	2 27	10 45	11 15	11 5	17 42	4 33	S 24
M25	12 15	18 51	3 42	20 21	2 51	25 26	2 39	16 47	1 28	18 46	0 44	8 24	1 34	8 55	0 37	5 20	1 4	22 2	2 27	10 47	11 16	11 7	17 41	4 34	M25
T 26	12 36	17 37	2 46	20 5	2 42	25 35	2 42	16 38	1 29	18 49	0 44	8 22	1 34	8 54	0 37	5 20	1 4	22 2	2 27	10 47	11 17	11 8	17 41	4 34	T 26
W27	12 56	15 28	1 43	19 44	2 31	25 43	2 44	16 29	1 30	18 52	0 43	8 20	1 35	8 53	0 37	5 21	1 4	22 2	2 27	10 47	11 18	11 10	17 40	4 34	W27
T 28	13 16	12 37	0 37	19 20	2 18	25 51	2 47	16 20	1 31	18 55	0 43	8 18	1 35	8 52	0 37	5 21	1 4	22 2	2 27	10 47	11 20	11 12	17 39	4 34	T 28
F 29	13 36	9 15	0n29	18 51	2 4	25 57	2 49	16 11	1 32	18 58	0 43	8 16	1 35	8 51	0 37	5 21	1 4	22 2	2 28	10 47	11 21	11 14	17 39	4 35	F 29
S 30	13 56	5 32	1 33	18 19	1 48	26 4	2 51	16 2	1 33	19 1	0 43	8 14	1 35	8 50	0 37	5 22	1 4	22 2	2 28	10 47	11 22	11 15	17 38	4 35	S 30
S 31	14s15	1n39	2n31	17s42	1s30	26s 9	2s53	15n53	1n35	19s 4	0n43	8n12	1n35	8n50	0s37	5s22	1s 4	22n 2	2n28	10n49	11n23	11s17	17n38	4s35	S 31

Julian Day Number = 2519023.5, Delta T = 148.82 sec
Ecliptic obliquity = 23°24'47, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°19'19, Lahiri = 26°26'20

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2184
geocentric

NOVEMBER 2184 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 44 5	9♏16'26	13♎39	13°R37	24♐59	21♌47	28♏31	12♍55	24°R15	18°R53	2♌15	1°R42	0♍10	14♏ 3	11°R44	M 1
T 2	2 48 1	10°16'25	25°33	12♏21	26° 6	22°18	28°43	13° 1	24♈12	18♓52	2°R15	1♍33	0° 7	14°10	11♊42	T 2
W 3	2 51 58	11°16'26	7♏25	11° 3	27°12	22°49	28°56	13° 6	24°10	18°52	2°15	1°21	0° 4	14°16	11°39	W 3
T 4	2 55 54	12°16'28	19°16	9°47	28°18	23°20	29° 9	13°11	24° 8	18°51	2°15	1° 7	0° 0	14°23	11°36	T 4
F 5	2 59 51	13°16'33	1♐ 9	8°34	29°24	23°50	29°22	13°16	24° 6	18°50	2°14	0°53	29♌57	14°30	11°33	F 5
S 6	3 3 48	14°16'39	13° 4	7°26	0♑30	24°20	29°36	13°21	24° 3	18°49	2°14	0°40	29°54	14°37	11°30	S 6
S 7	3 7 44	15°16'47	25° 3	6°27	1°36	24°50	29°49	13°26	24° 1	18°48	2°14	0°29	29°51	14°43	11°27	S 7
M 8	3 11 41	16°16'57	7♑ 8	5°36	2°41	25°20	0♐ 2	13°31	23°59	18°48	2°14	0°20	29°48	14°50	11°24	M 8
T 9	3 15 37	17°17'08	19°23	4°57	3°47	25°50	0°15	13°35	23°57	18°47	2°14	0°14	29°45	14°57	11°21	T 9
W10	3 19 34	18°17'21	1♒50	4°29	4°52	26°19	0°28	13°40	23°55	18°46	2°14	0°11	29°41	15° 3	11°18	W10
T 11	3 23 30	19°17'35	14°35	4°12	5°56	26°48	0°41	13°44	23°52	18°46	2°14	0°10	29°38	15°10	11°15	T 11
F 12	3 27 27	20°17'51	27°41	4°D 8	7° 1	27°17	0°54	13°49	23°50	18°45	2°13	0°10	29°35	15°17	11°12	F 12
S 13	3 31 23	21°18'08	11♓12	4°14	8° 5	27°46	1° 8	13°53	23°48	18°45	2°13	0°10	29°32	15°24	11° 9	S 13
S 14	3 35 20	22°18'27	25°11	4°31	9° 9	28°14	1°21	13°58	23°46	18°44	2°13	0° 8	29°29	15°30	11° 6	S 14
M15	3 39 17	23°18'47	9♈38	4°57	10°13	28°43	1°34	14° 2	23°44	18°44	2°12	0° 4	29°26	15°37	11° 3	M15
T 16	3 43 13	24°19'08	24°30	5°33	11°16	29°11	1°47	14° 6	23°42	18°43	2°12	29♌57	29°22	15°44	10°59	T 16
W17	3 47 10	25°19'31	9♉42	6°16	12°20	29°38	2° 1	14°10	23°40	18°43	2°12	29°47	29°19	15°50	10°56	W17
T 18	3 51 6	26°19'55	25° 3	7° 7	13°22	0♍ 6	2°14	14°14	23°38	18°42	2°11	29°36	29°16	15°57	10°53	T 18
F 19	3 55 3	27°20'21	10♊21	8° 4	14°25	0°33	2°27	14°18	23°36	18°42	2°11	29°24	29°13	16° 4	10°50	F 19
S 20	3 58 59	28°20'49	25°26	9° 6	15°27	1° 0	2°41	14°22	23°34	18°42	2°10	29°14	29°10	16°11	10°46	S 20
S 21	4 2 56	29°21'19	10♋ 7	10°13	16°29	1°27	2°54	14°25	23°32	18°41	2°10	29° 5	29° 6	16°17	10°43	S 21
M22	4 6 52	0♐21'50	24°20	11°24	17°31	1°54	3° 7	14°29	23°31	18°41	2° 9	29° 0	29° 3	16°24	10°40	M22
T 23	4 10 49	1°22'23	8♌ 2	12°39	18°32	2°20	3°21	14°32	23°29	18°41	2° 9	28°57	29° 0	16°31	10°36	T 23
W24	4 14 46	2°22'58	21°15	13°57	19°33	2°46	3°34	14°36	23°27	18°41	2° 8	28°56	28°57	16°38	10°33	W24
T 25	4 18 42	3°23'34	4♍ 3	15°17	20°33	3°12	3°47	14°39	23°25	18°40	2° 8	28°56	28°54	16°44	10°29	T 25
F 26	4 22 39	4°24'12	16°29	16°40	21°34	3°38	4° 1	14°42	23°24	18°40	2° 7	28°55	28°51	16°51	10°26	F 26
S 27	4 26 35	5°24'52	28°40	18° 4	22°33	4° 3	4°14	14°45	23°22	18°40	2° 7	28°53	28°47	16°58	10°23	S 27
S 28	4 30 32	6°25'33	10♎40	19°30	23°33	4°28	4°28	14°48	23°20	18°40	2° 6	28°49	28°44	17° 4	10°19	S 28
M29	4 34 28	7°26'16	22°33	20°57	24°31	4°52	4°41	14°51	23°19	18°D40	2° 5	28°42	28°41	17°11	10°16	M29
T 30	4 38 25	8♐27'00	4♏24	22♏25	25♑30	5♍17	4♐54	14♍54	23♈17	18♓40	2♌ 5	28♌32	28♌38	17♏18	10♊12	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14s34	2s16	3n23	17s 2	1s11	26s14	2s55	15n44	1n36	19s 7	0n43	8n10	1n36	8n49	0s37	5s22	1s 4	22n 2	2n28	10n51	11n24	11s19	17n37	4s36
T 2	14 53	6 4	4 4	16 20	0 51	26 18	2 57	15 35	1 37	19 9	0 43	8 8	1 36	8 48	0 37	5 23	1 4	22 3	2 28	10 55	11 25	11 20	17 36	4 36
W 3	15 12	9 38	4 35	15 37	0 31	26 22	2 59	15 26	1 38	19 12	0 43	8 7	1 36	8 47	0 37	5 23	1 4	22 3	2 28	10 59	11 26	11 22	17 36	4 36
T 4	15 30	12 48	4 54	14 53	0 10	26 25	3 1	15 18	1 39	19 15	0 43	8 5	1 36	8 46	0 37	5 23	1 4	22 3	2 28	11 4	11 27	11 24	17 35	4 36
F 5	15 48	15 28	5 1	14 10	0n11	26 27	3 2	15 9	1 41	19 18	0 42	8 3	1 36	8 45	0 37	5 24	1 4	22 3	2 29	11 9	11 29	11 26	17 34	4 37
S 6	16 6	17 29	4 54	13 30	0 30	26 28	3 4	15 0	1 42	19 21	0 42	8 1	1 37	8 45	0 37	5 24	1 4	22 3	2 29	11 14	11 30	11 27	17 34	4 37
S 7	16 24	18 45	4 34	12 53	0 49	26 29	3 5	14 51	1 43	19 24	0 42	8 0	1 37	8 44	0 37	5 24	1 4	22 3	2 29	11 17	11 31	11 29	17 33	4 37
M 8	16 41	19 12	4 2	12 20	1 6	26 30	3 6	14 42	1 44	19 27	0 42	7 58	1 37	8 43	0 37	5 24	1 4	22 3	2 29	11 21	11 32	11 31	17 33	4 37
T 9	16 59	18 45	3 18	11 52	1 22	26 29	3 8	14 33	1 46	19 30	0 42	7 57	1 37	8 42	0 37	5 25	1 4	22 4	2 29	11 23	11 33	11 32	17 32	4 38
W10	17 15	17 23	2 24	11 30	1 35	26 28	3 9	14 24	1 47	19 32	0 42	7 55	1 37	8 41	0 37	5 25	1 4	22 4	2 29	11 24	11 34	11 34	17 31	4 38
T 11	17 32	15 8	1 22	11 13	1 47	26 26	3 10	14 15	1 48	19 35	0 42	7 53	1 38	8 41	0 37	5 25	1 4	22 4	2 29	11 24	11 35	11 36	17 31	4 38
F 12	17 48	12 4	0 13	11 2	1 57	26 24	3 10	14 7	1 49	19 38	0 42	7 52	1 38	8 40	0 37	5 25	1 4	22 4	2 29	11 24	11 36	11 38	17 30	4 38
S 13	18 4	8 15	0s58	10 57	2 5	26 21	3 11	13 58	1 51	19 41	0 42	7 50	1 38	8 39	0 37	5 26	1 4	22 4	2 30	11 24	11 37	11 39	17 29	4 39
S 14	18 20	3 52	2 8	10 57	2 12	26 17	3 11	13 49	1 52	19 44	0 42	7 49	1 38	8 38	0 37	5 26	1 4	22 5	2 30	11 25	11 39	11 41	17 29	4 39
M15	18 35	0n52	3 12	11 1	2 16	26 12	3 12	13 41	1 53	19 46	0 42	7 48	1 39	8 38	0 37	5 26	1 4	22 5	2 30	11 26	11 40	11 43	17 28	4 39
T 16	18 50	5 41	4 5	11 10	2 19	26 7	3 12	13 32	1 54	19 49	0 41	7 46	1 39	8 37	0 37	5 26	1 4	22 5	2 30	11 29	11 41	11 44	17 27	4 39
W17	19 4	10 14	4 42	11 22	2 21	26 2	3 12	13 24	1 56	19 52	0 41	7 45	1 39	8 36	0 37	5 26	1 4	22 5	2 30	11 32	11 42	11 46	17 27	4 39
T 18	19 19	14 10	4 59	11 38	2 22	25 56	3 12	13 15	1 57	19 55	0 41	7 43	1 39	8 36	0 37	5 26	1 4	22 5	2 30	11 36	11 43	11 48	17 26	4 40
F 19	19 33	17 7	4 55	11 57	2 21	25 49	3 12	13 7	1 58	19 57	0 41	7 42	1 39	8 35	0 37	5 27	1 4	22 6	2 30	11 40	11 44	11 49	17 26	4 40
S 20	19 46	18 50	4 30	12 19	2 19	25 41	3 12	12 58	2 0	20 0	0 41	7 41	1 40	8 34	0 37	5 27	1 4	22 6	2 30	11 44	11 45	11 51	17 25	4 40
S 21	19 59	19 15	3 47	12 42	2 17	25 33	3 11	12 50	2 1	20 3	0 41	7 40	1 40	8 34	0 37	5 27	1 4	22 6	2 31	11 47	11 46	11 53	17 24	4 40
M22	20 12	18 24	2 52	13 7	2 14	25 25	3 10	12 42	2 3	20 5	0 41	7 39	1 40	8 33	0 37	5 27	1 4	22 6	2 31	11 49	11 47	11 54	17 24	4 40
T 23	20 25	16 30	1 48	13 33	2 10	25 16	3 9	12 34	2 4	20 8	0 41	7 37	1 40	8 32	0 37	5 27	1 3	22 7	2 31	11 50	11 49	11 56	17 23	4 40
W24	20 37	13 46	0 40	14 1	2 5	25 6	3 8	12 25	2 5	20 10	0 41	7 36	1 41	8 32	0 37	5 27	1 3	22 7	2 31	11 50	11 50	11 58	17 22	4 41
T 25	20 49	10 26	0n27	14 29	2 0	24 56	3 7	12 17	2 7	20 13	0 41	7 35	1 41	8 31	0 37	5 27	1 3	22 7	2 31	11 50	11 51	12 0	17 22	4 41
F 26	21 0	6 44	1 31	14 58	1 55	24 45	3 6	12 9	2 8	20 16	0 41	7 34	1 41	8 30	0 37	5 27	1 3	22 7	2 31	11 50	11 52	12 1	17 21	4 41
S 27	21 11	2 50	2 30	15 27	1 49	24 33	3 4	12 2	2 10	20 18	0 41	7 33	1 41	8 30	0 37	5 27	1 3	22 8	2 31	11 51	11 53	12 3	17 21	4 41
S 28	21 21	1s 8	3 21	15 56	1 43	24 22	3 3	11 54	2 11	20 21	0 41	7 32	1 42	8 29	0 37	5 27	1 3	22 8	2 31	11 52	11 54	12 5	17 20	4 41
M29	21 32	5 0	4 3	16 25	1 37	24 9	3 1	11 46	2 13	20 23	0 41	7 32	1 42	8 29	0 37	5 27	1 3	22 8	2 32	11 55	11 55	12 6	17 19	4 41
T 30	21s41	8s40	4n34	16s54	1n30	23s56	2s59	11n39	2n14	20s26	0n40	7n31	1n42	8n28	0s37	5s27	1s 3	22n 8	2n32	11n58	11n56	12s 8	17n19	4s41

Julian Day Number = 2519054.5, Delta T = 148.90 sec
Ecliptic obliquity = 23°24'47, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°19'24, Lahiri = 26°26'24

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2184
geocentric

DECEMBER 2184 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 42 21	9♐27'46	16♏14	23♏54	26♑28	5♍41	5♐ 8	14♍57	23°R16	18♓40	2°R 4	28°R19	28♌35	17♏25	10°R 9	W 1
T 2	4 46 18	10°28'34	28° 8	25°24	27°25	6° 4	5°21	14°59	23♈14	18°40	2♌ 3	28♌ 5	28°31	17°31	10♊ 5	T 2
F 3	4 50 15	11°29'22	10♐ 5	26°55	28°22	6°28	5°34	15° 2	23°13	18°40	2° 2	27°50	28°28	17°38	10° 2	F 3
S 4	4 54 11	12°30'12	22° 7	28°26	29°19	6°51	5°48	15° 4	23°12	18°40	2° 2	27°36	28°25	17°45	9°59	S 4
S 5	4 58 8	13°31'03	4♑15	29°57	0♒14	7°13	6° 1	15° 6	23°10	18°41	2° 1	27°24	28°22	17°51	9°55	S 5
M 6	5 2 4	14°31'55	16°30	1♐29	1°10	7°36	6°14	15° 9	23° 9	18°41	2° 0	27°15	28°19	17°58	9°52	M 6
T 7	5 6 1	15°32'48	28°54	3° 1	2° 4	7°58	6°28	15°11	23° 8	18°41	1°59	27° 9	28°16	18° 5	9°48	T 7
W 8	5 9 57	16°33'42	11♒28	4°33	2°59	8°19	6°41	15°13	23° 7	18°41	1°58	27° 5	28°12	18°12	9°45	W 8
T 9	5 13 54	17°34'36	24°17	6° 5	3°52	8°41	6°54	15°14	23° 6	18°42	1°58	27°D 4	28° 9	18°18	9°41	T 9
F 10	5 17 50	18°35'32	7♓22	7°38	4°45	9° 2	7° 8	15°16	23° 4	18°42	1°57	27° 4	28° 6	18°25	9°38	F 10
S 11	5 21 47	19°36'28	20°47	9°11	5°37	9°22	7°21	15°18	23° 3	18°42	1°56	27°R 5	28° 3	18°32	9°35	S 11
S 12	5 25 44	20°37'24	4♈34	10°43	6°28	9°42	7°34	15°19	23° 2	18°43	1°55	27° 4	28° 0	18°39	9°31	S 12
M13	5 29 40	21°38'21	18°45	12°16	7°19	10° 2	7°47	15°21	23° 1	18°43	1°54	27° 1	27°57	18°45	9°28	M13
T 14	5 33 37	22°39'19	3♉19	13°49	8° 8	10°21	8° 0	15°22	23° 1	18°44	1°53	26°55	27°53	18°52	9°25	T 14
W15	5 37 33	23°40'18	18°12	15°22	8°57	10°40	8°14	15°23	23° 0	18°44	1°52	26°48	27°50	18°59	9°21	W15
T 16	5 41 30	24°41'17	3♊16	16°56	9°45	10°58	8°27	15°24	22°59	18°45	1°51	26°38	27°47	19° 5	9°18	T 16
F 17	5 45 26	25°42'17	18°22	18°29	10°32	11°17	8°40	15°25	22°58	18°45	1°50	26°28	27°44	19°12	9°15	F 17
S 18	5 49 23	26°43'17	3♋21	20° 2	11°19	11°34	8°53	15°26	22°57	18°46	1°49	26°19	27°41	19°19	9°11	S 18
S 19	5 53 19	27°44'18	18° 2	21°36	12° 4	11°51	9° 6	15°27	22°57	18°47	1°48	26°12	27°37	19°26	9° 8	S 19
M20	5 57 16	28°45'20	2♌19	23°10	12°48	12° 8	9°19	15°28	22°56	18°47	1°47	26° 7	27°34	19°32	9° 5	M20
T 21	6 1 13	29°46'23	16° 8	24°43	13°31	12°24	9°32	15°28	22°56	18°48	1°46	26° 4	27°31	19°39	9° 2	T 21
W22	6 5 9	0♑47'27	29°29	26°17	14°13	12°40	9°45	15°29	22°55	18°49	1°45	26°D 4	27°28	19°46	8°59	W22
T 23	6 9 6	1°48'31	12♍23	27°51	14°54	12°55	9°58	15°29	22°55	18°50	1°43	26° 5	27°25	19°52	8°56	T 23
F 24	6 13 2	2°49'36	24°55	29°26	15°34	13°10	10°11	15°29	22°54	18°51	1°42	26° 6	27°22	19°59	8°52	F 24
S 25	6 16 59	3°50'42	7♎ 9	1♑ 0	16°12	13°24	10°24	15°R29	22°54	18°51	1°41	26°R 6	27°18	20° 6	8°49	S 25
S 26	6 20 55	4°51'48	19°10	2°35	16°49	13°38	10°36	15°29	22°54	18°52	1°40	26° 5	27°15	20°13	8°46	S 26
M27	6 24 52	5°52'56	1♏ 3	4°10	17°25	13°51	10°49	15°29	22°53	18°53	1°39	26° 1	27°12	20°19	8°43	M27
T 28	6 28 48	6°54'03	12°54	5°45	18° 0	14° 3	11° 2	15°29	22°53	18°54	1°38	25°56	27° 9	20°26	8°40	T 28
W29	6 32 45	7°55'12	24°46	7°20	18°33	14°16	11°15	15°29	22°53	18°55	1°37	25°48	27° 6	20°33	8°38	W29
T 30	6 36 42	8°56'21	6♐41	8°56	19° 4	14°27	11°27	15°28	22°53	18°56	1°35	25°39	27° 3	20°40	8°35	T 30
F 31	6 40 38	9♑57'30	18♐44	10♑32	19♒34	14♍38	11♐40	15♍28	22°D53	18♓57	1♌34	25♌30	26♌59	20♏46	8♊32	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	21s51	11s59	4n53	17s23	1n23	23s43	2s56	11n31	2n16	20s28	0n40	7n30	1n42	8n28	0s37	5s27	1s 3	22n 9	2n32	12n 3	11n57	12s10	17n18	4s42	
T 2	22 0	14 51	5 0	17 51	1 16	23 29	2 54	11 24	2 17	20 31	0 40	7 29	1 43	8 27	0 37	5 27	1 3	22 9	2 32	12 8	11 58	12 11	17 18	4 42	
F 3	22 8	17 6	4 53	18 19	1 9	23 15	2 51	11 17	2 19	20 33	0 40	7 28	1 43	8 27	0 37	5 27	1 3	22 9	2 32	12 13	12 0	12 13	17 17	4 42	
S 4	22 16	18 38	4 33	18 47	1 2	23 1	2 48	11 9	2 20	20 35	0 40	7 28	1 43	8 26	0 37	5 27	1 3	22 9	2 32	12 17	12 1	12 15	17 16	4 42	
S 5	22 24	19 20	4 1	19 13	0 55	22 46	2 45	11 2	2 22	20 38	0 40	7 27	1 43	8 26	0 37	5 27	1 3	22 10	2 32	12 22	12 2	12 16	17 16	4 42	
M 6	22 31	19 8	3 17	19 39	0 48	22 30	2 42	10 55	2 23	20 40	0 40	7 26	1 44	8 25	0 36	5 27	1 3	22 10	2 32	12 25	12 3	12 18	17 15	4 42	
T 7	22 38	18 1	2 24	20 4	0 40	22 15	2 38	10 49	2 25	20 42	0 40	7 26	1 44	8 25	0 36	5 26	1 3	22 10	2 33	12 27	12 4	12 20	17 15	4 42	
W 8	22 44	16 1	1 22	20 29	0 33	21 58	2 34	10 42	2 26	20 45	0 40	7 25	1 44	8 25	0 36	5 26	1 3	22 11	2 33	12 28	12 5	12 21	17 14	4 42	
T 9	22 50	13 11	0 15	20 52	0 26	21 42	2 30	10 36	2 28	20 47	0 40	7 25	1 44	8 24	0 36	5 26	1 3	22 11	2 33	12 29	12 6	12 23	17 14	4 42	
F 10	22 55	9 38	0s54	21 15	0 19	21 25	2 26	10 29	2 30	20 49	0 40	7 24	1 45	8 24	0 36	5 26	1 3	22 11	2 33	12 28	12 7	12 25	17 13	4 42	
S 11	23 0	5 32	2 3	21 37	0 12	21 8	2 22	10 23	2 31	20 51	0 40	7 24	1 45	8 23	0 36	5 26	1 3	22 12	2 33	12 28	12 8	12 26	17 13	4 42	
S 12	23 5	1 2	3 6	21 57	0 5	20 51	2 17	10 17	2 33	20 54	0 40	7 24	1 45	8 23	0 36	5 26	1 3	22 12	2 33	12 29	12 9	12 28	17 12	4 42	
M13	23 9	3n39	3 59	22 17	0s 2	20 33	2 12	10 11	2 34	20 56	0 40	7 23	1 45	8 23	0 36	5 25	1 3	22 12	2 33	12 30	12 11	12 30	17 12	4 42	
T 14	23 13	8 14	4 38	22 35	0 9	20 15	2 7	10 5	2 36	20 58	0 40	7 23	1 46	8 22	0 36	5 25	1 3	22 13	2 33	12 31	12 12	12 31	17 11	4 42	
W15	23 16	12 25	5 0	22 53	0 16	19 57	2 1	10 0	2 38	21 0	0 40	7 23	1 46	8 22	0 36	5 25	1 3	22 13	2 33	12 34	12 13	12 33	17 11	4 42	
T 16	23 18	15 51	5 1	23 9	0 23	19 39	1 56	9 54	2 40	21 2	0 40	7 23	1 46	8 22	0 36	5 25	1 3	22 13	2 34	12 37	12 14	12 35	17 10	4 42	
F 17	23 21	18 13	4 42	23 24	0 29	19 20	1 50	9 49	2 41	21 4	0 40	7 23	1 46	8 22	0 36	5 24	1 3	22 14	2 34	12 41	12 15	12 36	17 10	4 42	
S 18	23 22	19 19	4 3	23 38	0 36	19 1	1 43	9 44	2 43	21 6	0 40	7 22	1 47	8 21	0 36	5 24	1 3	22 14	2 34	12 44	12 16	12 38	17 9	4 42	
S 19	23 24	19 5	3 9	23 51	0 42	18 42	1 37	9 39	2 45	21 8	0 40	7 22	1 47	8 21	0 36	5 24	1 3	22 14	2 34	12 46	12 17	12 40	17 9	4 42	
M20	23 24	17 37	2 4	24 3	0 48	18 23	1 30	9 34	2 46	21 10	0 39	7 22	1 47	8 21	0 36	5 24	1 3	22 15	2 34	12 48	12 18	12 41	17 8	4 42	
T 21	23 25	15 8	0 53	24 13	0 55	18 4	1 23	9 29	2 48	21 12	0 39	7 22	1 48	8 21	0 36	5 23	1 3	22 15	2 34	12 49	12 19	12 43	17 8	4 42	
W22	23 25	11 56	0n18	24 22	1 0	17 45	1 15	9 25	2 50	21 14	0 39	7 22	1 48	8 21	0 36	5 23	1 3	22 15	2 34	12 49	12 20	12 45	17 7	4 42	
T 23	23 24	8 14	1 26	24 30	1 6	17 26	1 8	9 21	2 52	21 16	0 39	7 23	1 48	8 21	0 36	5 23	1 3	22 16	2 34	12 49	12 21	12 46	17 7	4 42	
F 24	23 23	4 18	2 29	24 36	1 12	17 6	1 0	9 17	2 54	21 18	0 39	7 23	1 48	8 20	0 36	5 22	1 3	22 16	2 34	12 48	12 23	12 48	17 6	4 42	
S 25	23 21	0 16	3 22	24 42	1 17	16 47	0 52	9 13	2 56	21 20	0 39	7 23	1 49	8 20	0 36	5 22	1 3	22 16	2 35	12 48	12 24	12 49	17 6	4 42	
S 26	23 19	3s42	4 6	24 45	1 22	16 28	0 43	9 10	2 57	21 22	0 39	7 23	1 49	8 20	0 36	5 22	1 3	22 17	2 35	12 49	12 25	12 51	17 6	4 42	
M27	23 17	7 28	4 39	24 48	1 27	16 8	0 34	9 6	2 59	21 24	0 39	7 23	1 49	8 20	0 36	5 21	1 3	22 17	2 35	12 50	12 26	12 53	17 5	4 42	
T 28	23 14	10 56	4 59	24 49	1 32	15 49	0 25	9 3	3 1	21 26	0 39	7 24	1 49	8 20	0 36	5 21	1 3	22 17	2 35	12 52	12 27	12 54	17 5	4 42	
W29	23 11	13 58	5 7	24 49	1 36	15 30	0 15	9 0	3 3	21 27	0 39	7 24	1 50	8 20	0 36	5 20	1 3	22 18	2 35	12 54	12 28	12 56	17 5	4 42	
T 30	23 7	16 27	5 1	24 47	1 40	15 11	0 5	8 57	3 5	21 29	0 39	7 25	1 50	8 20	0 36	5 20	1 2	22 18	2 35	12 57	12 29	12 58	17 4	4 42	
F 31	23s 2	18s15	4n43	24s44	1s44	14s52	0n 5	8n55	3n 7	21s31	0n39	7n25	1n50	8n20	0s36	5s19	1s 2	22n19	2n35	13n 1	12n30	12s59	17n 4	4s42	

Julian Day Number = 2519084.5, Delta T = 148.97 sec
Ecliptic obliquity = 23°24'46, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°19'28, Lahiri = 26°26'28

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2185
geocentric

JANUARY 2185 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 44 35	10♑58'40	0♑55	12♑ 8	20♒ 2	14♏48	11♐52	15°R27	22♈53	18♓58	1°R33	25°R21	26♌56	20♎53	8°R29	S 1
S 2	6 48 31	11°59'50	13°15	13°45	20°29	14°58	12° 5	15♏26	22°53	18°59	1♌32	25♌13	26°53	21° 0	8♊26	S 2
M 3	6 52 28	13° 1'00	25°46	15°21	20°54	15° 7	12°17	15°25	22°53	19° 1	1°30	25° 7	26°50	21° 6	8°24	M 3
T 4	6 56 24	14° 2'10	8♒27	16°58	21°17	15°15	12°30	15°24	22°53	19° 2	1°29	25° 4	26°47	21°13	8°21	T 4
W 5	7 0 21	15° 3'20	21°19	18°36	21°38	15°23	12°42	15°23	22°53	19° 3	1°28	25°D 2	26°43	21°20	8°19	W 5
T 6	7 4 17	16° 4'30	4♓24	20°14	21°57	15°30	12°54	15°22	22°54	19° 4	1°27	25° 3	26°40	21°27	8°16	T 6
F 7	7 8 14	17° 5'40	17°41	21°52	22°14	15°37	13° 7	15°21	22°54	19° 5	1°25	25° 4	26°37	21°33	8°13	F 7
S 8	7 12 11	18° 6'49	1♈12	23°30	22°30	15°42	13°19	15°19	22°54	19° 7	1°24	25° 5	26°34	21°40	8°11	S 8
S 9	7 16 7	19° 7'58	14°58	25° 9	22°42	15°48	13°31	15°18	22°55	19° 8	1°23	25°R 6	26°31	21°47	8° 9	S 9
M10	7 20 4	20° 9'06	29° 0	26°48	22°53	15°52	13°43	15°16	22°55	19° 9	1°22	25° 6	26°28	21°53	8° 6	M10
T 11	7 24 0	21°10'14	13♉16	28°28	23° 2	15°56	13°55	15°14	22°56	19°11	1°20	25° 4	26°24	22° 0	8° 4	T 11
W12	7 27 57	22°11'22	27°45	0♒ 7	23° 8	15°59	14° 7	15°12	22°56	19°12	1°19	25° 1	26°21	22° 7	8° 2	W12
T 13	7 31 53	23°12'29	12♊22	1°47	23°11	16° 1	14°19	15°10	22°57	19°14	1°18	24°57	26°18	22°14	8° 0	T 13
F 14	7 35 50	24°13'36	27° 2	3°27	23°R13	16° 3	14°31	15° 8	22°58	19°15	1°16	24°52	26°15	22°20	7°58	F 14
S 15	7 39 47	25°14'42	11♋36	5° 7	23°11	16° 3	14°42	15° 6	22°58	19°17	1°15	24°47	26°12	22°27	7°56	S 15
S 16	7 43 43	26°15'48	26° 0	6°47	23° 7	16°R 3	14°54	15° 4	22°59	19°18	1°14	24°44	26° 9	22°34	7°54	S 16
M17	7 47 40	27°16'53	10♌ 6	8°28	23° 1	16° 3	15° 5	15° 1	23° 0	19°20	1°12	24°41	26° 5	22°41	7°52	M17
T 18	7 51 36	28°17'58	23°50	10° 8	22°52	16° 1	15°17	14°59	23° 1	19°21	1°11	24°D41	26° 2	22°47	7°50	T 18
W19	7 55 33	29°19'03	7♍11	11°47	22°41	15°59	15°28	14°56	23° 2	19°23	1°10	24°41	25°59	22°54	7°48	W19
T 20	7 59 29	0♒20'07	20° 9	13°27	22°27	15°56	15°40	14°54	23° 3	19°25	1° 8	24°43	25°56	23° 1	7°46	T 20
F 21	8 3 26	1°21'11	2♎45	15° 6	22°11	15°52	15°51	14°51	23° 4	19°26	1° 7	24°44	25°53	23° 7	7°45	F 21
S 22	8 7 22	2°22'15	15° 4	16°44	21°52	15°48	16° 2	14°48	23° 5	19°28	1° 6	24°46	25°49	23°14	7°43	S 22
S 23	8 11 19	3°23'18	27° 9	18°20	21°31	15°42	16°13	14°45	23° 6	19°30	1° 4	24°47	25°46	23°21	7°42	S 23
M24	8 15 15	4°24'21	9♏ 5	19°56	21° 8	15°36	16°24	14°42	23° 7	19°31	1° 3	24°R47	25°43	23°28	7°40	M24
T 25	8 19 12	5°25'24	20°57	21°30	20°42	15°29	16°35	14°39	23° 8	19°33	1° 2	24°46	25°40	23°34	7°39	T 25
W26	8 23 9	6°26'26	2♐50	23° 1	20°15	15°21	16°46	14°36	23°10	19°35	1° 0	24°44	25°37	23°41	7°37	W26
T 27	8 27 5	7°27'27	14°48	24°30	19°45	15°13	16°57	14°33	23°11	19°37	0°59	24°42	25°34	23°48	7°36	T 27
F 28	8 31 2	8°28'29	26°54	25°56	19°14	15° 3	17° 8	14°29	23°12	19°38	0°58	24°39	25°30	23°55	7°35	F 28
S 29	8 34 58	9°29'29	9♑12	27°18	18°42	14°53	17°18	14°26	23°14	19°40	0°56	24°37	25°27	24° 1	7°34	S 29
S 30	8 38 55	10°30'29	21°44	28°36	18° 8	14°42	17°29	14°22	23°15	19°42	0°55	24°35	25°24	24° 8	7°33	S 30
M31	8 42 51	11♒31'28	4♒31	29♒49	17♒33	14♏30	17♐39	14♏19	23♈17	19♓44	0♌54	24♌33	25♌21	24♎15	7♊32	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s58	19s14	4n11	24s39	1s48	14s33	0n15	8n53	3n 9	21s32	0n39	7n26	1n50	8n20	0s36	5s19	1s 2	22n19	2n35	13n 4	12n31	13s 1	17n 4	4s42
S 2	22 52	19 20	3 26	24 33	1 52	14 14	0 26	8 51	3 11	21 34	0 39	7 26	1 51	8 20	0 36	5 19	1 2	22 19	2 35	13 6	12 32	13 3	17 3	4 41
M 3	22 47	18 29	2 32	24 26	1 55	13 55	0 37	8 49	3 13	21 36	0 39	7 27	1 51	8 20	0 36	5 18	1 2	22 20	2 35	13 8	12 33	13 4	17 3	4 41
T 4	22 40	16 42	1 29	24 17	1 58	13 37	0 49	8 48	3 15	21 37	0 39	7 27	1 51	8 20	0 35	5 18	1 2	22 20	2 35	13 9	12 34	13 6	17 3	4 41
W 5	22 34	14 4	0 20	24 6	2 0	13 19	1 1	8 46	3 16	21 39	0 39	7 28	1 51	8 21	0 35	5 17	1 2	22 20	2 36	13 10	12 36	13 7	17 2	4 41
T 6	22 27	10 41	0s51	23 54	2 2	13 2	1 13	8 45	3 18	21 41	0 39	7 29	1 52	8 21	0 35	5 17	1 2	22 21	2 36	13 10	12 37	13 9	17 2	4 41
F 7	22 19	6 42	2 0	23 41	2 4	12 44	1 25	8 45	3 20	21 42	0 39	7 29	1 52	8 21	0 35	5 16	1 2	22 21	2 36	13 9	12 38	13 11	17 2	4 41
S 8	22 11	2 20	3 4	23 26	2 6	12 27	1 38	8 44	3 22	21 44	0 39	7 30	1 52	8 21	0 35	5 16	1 2	22 21	2 36	13 9	12 39	13 12	17 2	4 41
S 9	22 3	2n13	3 59	23 9	2 7	12 11	1 51	8 44	3 24	21 45	0 39	7 31	1 52	8 21	0 35	5 15	1 2	22 22	2 36	13 8	12 40	13 14	17 1	4 41
M10	21 54	6 44	4 40	22 51	2 7	11 55	2 4	8 44	3 26	21 47	0 39	7 32	1 53	8 21	0 35	5 14	1 2	22 22	2 36	13 8	12 41	13 16	17 1	4 40
T 11	21 45	10 57	5 5	22 32	2 8	11 39	2 18	8 45	3 28	21 48	0 39	7 33	1 53	8 22	0 35	5 14	1 2	22 23	2 36	13 9	12 42	13 17	17 1	4 40
W12	21 35	14 34	5 11	22 11	2 8	11 24	2 32	8 45	3 30	21 50	0 39	7 34	1 53	8 22	0 35	5 13	1 2	22 23	2 36	13 10	12 43	13 19	17 1	4 40
T 13	21 25	17 20	4 58	21 48	2 7	11 9	2 46	8 46	3 32	21 51	0 39	7 35	1 53	8 22	0 35	5 13	1 2	22 23	2 36	13 12	12 44	13 20	17 1	4 40
F 14	21 15	18 58	4 24	21 24	2 6	10 55	3 1	8 47	3 34	21 52	0 39	7 36	1 54	8 22	0 35	5 12	1 2	22 24	2 36	13 13	12 45	13 22	17 0	4 40
S 15	21 4	19 21	3 34	20 58	2 4	10 42	3 15	8 49	3 36	21 54	0 39	7 37	1 54	8 23	0 35	5 12	1 2	22 24	2 36	13 15	12 46	13 24	17 0	4 40
S 16	20 53	18 27	2 31	20 31	2 2	10 29	3 30	8 51	3 38	21 55	0 39	7 38	1 54	8 23	0 35	5 11	1 2	22 24	2 36	13 16	12 47	13 25	17 0	4 40
M17	20 41	16 25	1 19	20 3	1 59	10 17	3 45	8 53	3 40	21 56	0 39	7 39	1 54	8 23	0 35	5 10	1 2	22 25	2 37	13 17	12 48	13 27	17 0	4 39
T 18	20 29	13 29	0 5	19 33	1 56	10 6	4 0	8 55	3 42	21 58	0 39	7 40	1 55	8 24	0 35	5 10	1 2	22 25	2 37	13 17	12 50	13 28	17 0	4 39
W19	20 16	9 55	1n 8	19 2	1 52	9 55	4 15	8 58	3 44	21 59	0 39	7 41	1 55	8 24	0 35	5 9	1 2	22 26	2 37	13 17	12 51	13 30	17 0	4 39
T 20	20 3	5 59	2 15	18 29	1 47	9 45	4 30	9 1	3 46	22 0	0 39	7 43	1 55	8 24	0 35	5 8	1 2	22 26	2 37	13 16	12 52	13 32	17 0	4 39
F 21	19 50	1 53	3 14	17 55	1 42	9 36	4 45	9 4	3 48	22 1	0 39	7 44	1 55	8 25	0 35	5 8	1 2	22 26	2 37	13 16	12 53	13 33	16 59	4 39
S 22	19 37	2s12	4 3	17 20	1 36	9 28	5 0	9 8	3 50	22 2	0 39	7 45	1 56	8 25	0 35	5 7	1 2	22 27	2 37	13 15	12 54	13 35	16 59	4 39
S 23	19 23	6 6	4 39	16 44	1 29	9 21	5 15	9 12	3 52	22 3	0 39	7 47	1 56	8 26	0 35	5 6	1 2	22 27	2 37	13 15	12 55	13 36	16 59	4 38
M24	19 8	9 43	5 4	16 7	1 22	9 14	5 29	9 16	3 54	22 5	0 39	7 48	1 56	8 26	0 35	5 6	1 2	22 27	2 37	13 15	12 56	13 38	16 59	4 38
T 25	18 54	12 55	5 15	15 29	1 14	9 8	5 44	9 20	3 56	22 6	0 39	7 49	1 56	8 27	0 35	5 5	1 2	22 28	2 37	13 15	12 57	13 40	16 59	4 38
W26	18 39	15 36	5 12	14 51	1 5	9 4	5 58	9 25	3 57	22 7	0 39	7 51	1 56	8 27	0 35	5 4	1 2	22 28	2 37	13 16	12 58	13 41	16 59	4 38
T 27	18 23	17 39	4 56	14 12	0 55	9 0	6 11	9 30	3 59	22 8	0 39	7 52	1 57	8 28	0 35	5 4	1 2	22 28	2 37	13 17	12 59	13 43	16 59	4 38
F 28	18 7	18 56	4 27	13 33	0 44	8 57	6 24	9 35	4 1	22 9	0 39	7 54	1 57	8 28	0 35	5 3	1 2	22 29	2 37	13 17	13 0	13 44	16 59	4 37
S 29	17 51	19 21	3 45	12 54	0 32	8 54	6 37	9 41	4 3	22 10	0 39	7 55	1 57	8 29	0 35	5 2	1 2	22 29	2 37	13 18	13 1	13 46	16 59	4 37
S 30	17 35	18 50	2 52	12 15	0 20	8 53	6 49	9 46	4 4	22 11	0 39	7 57	1 57	8 29	0 35	5 1	1 2	22 29	2 37	13 19	13 2	13 48	16 59	4 37
M31	17s18	17s21	1n49	11s37	0s 6	8s53	7n 0	9n52	4n 6	22s12	0n39	7n58	1n57	8n30	0s35	5s 1	1s 2	22n30	2n37	13n19	13n 3	13s49	16n59	4s37

Julian Day Number = 2519115.5, Delta T = 149.05 sec
Ecliptic obliquity = 23°24'46, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°19'32, Lahiri = 26°26'32

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2185
geocentric

FEBRUARY 2185 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 46 48	12♒32'26	17♒32	0♓55	16°R57	14°R18	17♐50	14°R15	23♈18	19♓46	0°R52	24°R32	25♌18	24♏21	7°R31	T 1
W 2	8 50 45	13°33'23	0♓48	1°56	16♒20	14♍ 4	18° 0	14♍11	23°20	19°48	0♌51	24°D32	25°15	24°28	7♊30	W 2
T 3	8 54 41	14°34'19	14°18	2°49	15°43	13°50	18°10	14° 8	23°22	19°50	0°50	24♌33	25°11	24°35	7°29	T 3
F 4	8 58 38	15°35'14	27°59	3°33	15° 6	13°35	18°20	14° 4	23°23	19°52	0°49	24°34	25° 8	24°42	7°29	F 4
S 5	9 2 34	16°36'07	11♈51	4° 9	14°29	13°20	18°30	14° 0	23°25	19°54	0°47	24°35	25° 5	24°48	7°28	S 5
S 6	9 6 31	17°36'59	25°50	4°34	13°53	13° 3	18°40	13°56	23°27	19°56	0°46	24°35	25° 2	24°55	7°27	S 6
M 7	9 10 27	18°37'50	9♉57	4°50	13°17	12°46	18°49	13°52	23°29	19°58	0°45	24°36	24°59	25° 2	7°27	M 7
T 8	9 14 24	19°38'40	24° 7	4°R54	12°41	12°29	18°59	13°48	23°31	20° 0	0°44	24°R36	24°55	25° 8	7°26	T 8
W 9	9 18 20	20°39'27	8♊21	4°48	12° 7	12°11	19° 8	13°43	23°33	20° 2	0°42	24°35	24°52	25°15	7°26	W 9
T 10	9 22 17	21°40'14	22°34	4°31	11°35	11°52	19°18	13°39	23°34	20° 4	0°41	24°35	24°49	25°22	7°26	T 10
F 11	9 26 13	22°40'59	6♋44	4° 3	11° 3	11°32	19°27	13°35	23°37	20° 6	0°40	24°35	24°46	25°29	7°26	F 11
S 12	9 30 10	23°41'42	20°48	3°25	10°34	11°12	19°36	13°31	23°39	20° 8	0°39	24°35	24°43	25°35	7°26	S 12
S 13	9 34 7	24°42'24	4♌43	2°38	10° 6	10°52	19°45	13°26	23°41	20°10	0°37	24°D35	24°40	25°42	7°D25	S 13
M14	9 38 3	25°43'05	18°24	1°43	9°40	10°31	19°54	13°22	23°43	20°12	0°36	24°R35	24°36	25°49	7°25	M14
T 15	9 42 0	26°43'44	1♍51	0°42	9°17	10° 9	20° 3	13°17	23°45	20°14	0°35	24°35	24°33	25°56	7°26	T 15
W16	9 45 56	27°44'22	15° 1	29♒36	8°55	9°47	20°11	13°13	23°47	20°16	0°34	24°35	24°30	26° 2	7°26	W16
T 17	9 49 53	28°44'58	27°53	28°27	8°36	9°25	20°20	13° 8	23°49	20°18	0°33	24°34	24°27	26° 9	7°26	T 17
F 18	9 53 49	29°45'33	10♎28	27°18	8°20	9° 2	20°28	13° 4	23°52	20°21	0°32	24°34	24°24	26°16	7°26	F 18
S 19	9 57 46	0♓46'07	22°47	26° 9	8° 6	8°39	20°37	12°59	23°54	20°23	0°30	24°33	24°21	26°22	7°27	S 19
S 20	10 1 42	1°46'40	4♏54	25° 3	7°54	8°16	20°45	12°54	23°56	20°25	0°29	24°32	24°17	26°29	7°27	S 20
M21	10 5 39	2°47'11	16°53	24° 1	7°45	7°53	20°53	12°50	23°59	20°27	0°28	24°31	24°14	26°36	7°28	M21
T 22	10 9 36	3°47'41	28°46	23° 5	7°38	7°29	21° 1	12°45	24° 1	20°29	0°27	24°D31	24°11	26°43	7°28	T 22
W23	10 13 32	4°48'10	10♐39	22°14	7°34	7° 5	21° 8	12°40	24° 4	20°31	0°26	24°31	24° 8	26°49	7°29	W23
T 24	10 17 29	5°48'37	22°37	21°31	7°D33	6°42	21°16	12°35	24° 6	20°34	0°25	24°31	24° 5	26°56	7°30	T 24
F 25	10 21 25	6°49'03	4♑43	20°54	7°34	6°18	21°23	12°31	24° 9	20°36	0°24	24°32	24° 1	27° 3	7°30	F 25
S 26	10 25 22	7°49'28	17° 4	20°25	7°37	5°54	21°31	12°26	24°11	20°38	0°23	24°33	23°58	27°10	7°31	S 26
S 27	10 29 18	8°49'52	29°41	20° 4	7°42	5°30	21°38	12°21	24°14	20°40	0°22	24°35	23°55	27°16	7°32	S 27
M28	10 33 15	9♓50'13	12♒38	19♒49	7♒50	5♍ 6	21♐45	12♍16	24♈17	20♓43	0♌21	24♌36	23♌52	27♏23	7♊33	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s 1	14s57	0n39	11s 1	0n 8	8s53	7n11	9n59	4n 8	22s13	0n39	8n 0	1n58	8n31	0s34	5s 0	1s 2	22n30	2n38	13n20	13n 5	13s51	16n59	4s37
W 2	16 44	11 43	0s35	10 25	0 23	8 54	7 21	10 5	4 9	22 14	0 39	8 2	1 58	8 31	0 34	4 59	1 2	22 30	2 38	13 20	13 6	13 52	17 0	4 36
T 3	16 27	7 49	1 47	9 52	0 38	8 56	7 30	10 12	4 11	22 15	0 39	8 3	1 58	8 32	0 34	4 58	1 2	22 31	2 38	13 19	13 7	13 54	17 0	4 36
F 4	16 9	3 29	2 55	9 21	0 55	8 59	7 38	10 19	4 12	22 15	0 39	8 5	1 58	8 33	0 34	4 58	1 2	22 31	2 38	13 19	13 8	13 56	17 0	4 36
S 5	15 51	1n 6	3 53	8 52	1 11	9 2	7 45	10 27	4 13	22 16	0 39	8 7	1 58	8 33	0 34	4 57	1 2	22 31	2 38	13 19	13 9	13 57	17 0	4 36
S 6	15 32	5 39	4 38	8 27	1 28	9 6	7 51	10 34	4 15	22 17	0 39	8 8	1 59	8 34	0 34	4 56	1 2	22 32	2 38	13 19	13 10	13 59	17 0	4 35
M 7	15 14	9 55	5 7	8 6	1 45	9 11	7 57	10 42	4 16	22 18	0 39	8 10	1 59	8 35	0 34	4 55	1 2	22 32	2 38	13 19	13 11	14 0	17 0	4 35
T 8	14 55	13 39	5 17	7 49	2 2	9 16	8 2	10 50	4 17	22 19	0 39	8 12	1 59	8 35	0 34	4 54	1 2	22 32	2 38	13 19	13 12	14 2	17 0	4 35
W 9	14 35	16 36	5 8	7 35	2 18	9 22	8 5	10 58	4 18	22 19	0 39	8 14	1 59	8 36	0 34	4 54	1 2	22 33	2 38	13 19	13 13	14 3	17 0	4 35
T 10	14 16	18 32	4 40	7 27	2 34	9 28	8 8	11 6	4 19	22 20	0 39	8 15	1 59	8 37	0 34	4 53	1 2	22 33	2 38	13 19	13 14	14 5	17 1	4 35
F 11	13 56	19 19	3 55	7 23	2 49	9 35	8 10	11 14	4 20	22 21	0 39	8 17	1 59	8 38	0 34	4 52	1 2	22 33	2 38	13 19	13 15	14 7	17 1	4 34
S 12	13 36	18 54	2 57	7 24	3 2	9 41	8 11	11 22	4 21	22 22	0 39	8 19	2 0	8 38	0 34	4 51	1 2	22 34	2 38	13 19	13 16	14 8	17 1	4 34
S 13	13 16	17 19	1 48	7 30	3 14	9 49	8 11	11 31	4 22	22 22	0 39	8 21	2 0	8 39	0 34	4 50	1 2	22 34	2 38	13 19	13 17	14 10	17 1	4 34
M14	12 56	14 45	0 34	7 40	3 25	9 56	8 10	11 40	4 22	22 23	0 39	8 23	2 0	8 40	0 34	4 49	1 2	22 34	2 38	13 19	13 18	14 11	17 2	4 34
T 15	12 35	11 26	0n40	7 54	3 32	10 3	8 8	11 48	4 23	22 24	0 39	8 24	2 0	8 41	0 34	4 49	1 2	22 35	2 38	13 19	13 19	14 13	17 2	4 33
W16	12 15	7 36	1 51	8 12	3 38	10 11	8 6	11 57	4 23	22 24	0 39	8 26	2 0	8 42	0 34	4 48	1 2	22 35	2 38	13 19	13 20	14 14	17 2	4 33
T 17	11 54	3 31	2 54	8 32	3 42	10 19	8 3	12 6	4 24	22 25	0 39	8 28	2 0	8 43	0 34	4 47	1 2	22 35	2 38	13 19	13 22	14 16	17 2	4 33
F 18	11 33	0s39	3 48	8 55	3 43	10 26	7 59	12 15	4 24	22 25	0 39	8 30	2 0	8 43	0 34	4 46	1 2	22 35	2 38	13 19	13 23	14 17	17 3	4 33
S 19	11 11	4 41	4 30	9 19	3 41	10 34	7 55	12 23	4 24	22 26	0 39	8 32	2 1	8 44	0 34	4 45	1 2	22 36	2 38	13 20	13 24	14 19	17 3	4 32
S 20	10 50	8 27	4 58	9 44	3 38	10 42	7 50	12 32	4 24	22 26	0 39	8 34	2 1	8 45	0 34	4 44	1 2	22 36	2 38	13 20	13 25	14 21	17 3	4 32
M21	10 28	11 50	5 14	10 10	3 32	10 49	7 45	12 41	4 24	22 27	0 39	8 36	2 1	8 46	0 34	4 44	1 2	22 36	2 38	13 20	13 26	14 22	17 3	4 32
T 22	10 6	14 43	5 16	10 35	3 25	10 56	7 39	12 50	4 24	22 28	0 39	8 38	2 1	8 47	0 34	4 43	1 2	22 37	2 38	13 20	13 27	14 24	17 4	4 32
W23	9 44	17 0	5 4	11 0	3 16	11 4	7 32	12 59	4 24	22 28	0 39	8 40	2 1	8 48	0 34	4 42	1 2	22 37	2 38	13 20	13 28	14 25	17 4	4 31
T 24	9 22	18 33	4 40	11 23	3 6	11 10	7 26	13 7	4 23	22 29	0 39	8 42	2 1	8 49	0 34	4 41	1 2	22 37	2 38	13 20	13 29	14 27	17 5	4 31
F 25	9 0	19 18	4 2	11 45	2 54	11 17	7 19	13 16	4 23	22 29	0 39	8 43	2 1	8 50	0 34	4 40	1 2	22 37	2 38	13 20	13 30	14 28	17 5	4 31
S 26	8 38	19 8	3 13	12 6	2 42	11 23	7 11	13 24	4 22	22 29	0 39	8 45	2 1	8 51	0 34	4 39	1 2	22 38	2 39	13 19	13 31	14 30	17 5	4 31
S 27	8 15	18 1	2 14	12 25	2 30	11 30	7 3	13 32	4 22	22 30	0 39	8 47	2 1	8 52	0 34	4 38	1 2	22 38	2 39	13 19	13 32	14 31	17 6	4 31
M28	7s52	15s57	1n 6	12s42	2n16	11s35	6n56	13n40	4n21	22s30	0n39	8n49	2n 1	8n53	0s34	4s37	1s 2	22n38	2n39	13n19	13n33	14s33	17n 6	4s30

Julian Day Number = 2519146.5, Delta T = 149.12 sec
Ecliptic obliquity = 23°24'47, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°19'36, Lahiri = 26°26'37

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2185
geocentric

MARCH 2185 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 37 11	10♓50'34	25♒55	19°R42	8♒ 0	4°R43	21♐52	12°R11	24♈19	20♓45	0°R20	24°R36	23♌49	27♏30	7♊34	T 1
W 2	10 41 8	11°50'52	9♓33	19°D42	8°12	4♍19	21°59	12♍ 7	24°22	20°47	0♌19	24♌35	23°46	27°36	7°36	W 2
T 3	10 45 5	12°51'09	23°29	19♒48	8°27	3°56	22° 5	12° 2	24°25	20°49	0°18	24°34	23°42	27°43	7°37	T 3
F 4	10 49 1	13°51'24	7♈40	20° 0	8°43	3°33	22°12	11°57	24°28	20°52	0°17	24°32	23°39	27°50	7°38	F 4
S 5	10 52 58	14°51'37	22° 0	20°18	9° 1	3°10	22°18	11°52	24°30	20°54	0°16	24°29	23°36	27°57	7°40	S 5
S 6	10 56 54	15°51'49	6♉26	20°41	9°22	2°48	22°24	11°47	24°33	20°56	0°15	24°26	23°33	28° 3	7°41	S 6
M 7	11 0 51	16°51'58	20°50	21°10	9°44	2°26	22°30	11°43	24°36	20°58	0°15	24°24	23°30	28°10	7°43	M 7
T 8	11 4 47	17°52'05	5♊10	21°43	10° 7	2° 5	22°36	11°38	24°39	21° 1	0°14	24°22	23°26	28°17	7°44	T 8
W 9	11 8 44	18°52'10	19°21	22°20	10°33	1°44	22°42	11°33	24°42	21° 3	0°13	24°D21	23°23	28°23	7°46	W 9
T 10	11 12 40	19°52'13	3♋23	23° 2	11° 0	1°24	22°47	11°28	24°45	21° 5	0°12	24°22	23°20	28°30	7°48	T 10
F 11	11 16 37	20°52'14	17°13	23°47	11°29	1° 4	22°53	11°24	24°48	21° 8	0°11	24°23	23°17	28°37	7°49	F 11
S 12	11 20 34	21°52'12	0♌52	24°36	11°59	0°44	22°58	11°19	24°51	21°10	0°11	24°25	23°14	28°44	7°51	S 12
S 13	11 24 30	22°52'09	14°19	25°28	12°31	0°26	23° 3	11°14	24°54	21°12	0°10	24°26	23°11	28°50	7°53	S 13
M14	11 28 27	23°52'03	27°34	26°23	13° 5	0° 8	23° 8	11° 9	24°57	21°14	0° 9	24°R26	23° 7	28°57	7°55	M14
T 15	11 32 23	24°51'55	10♍36	27°22	13°39	29♌50	23°13	11° 5	25° 0	21°17	0° 8	24°25	23° 4	29° 4	7°57	T 15
W16	11 36 20	25°51'45	23°27	28°22	14°15	29°33	23°17	11° 0	25° 3	21°19	0° 8	24°23	23° 1	29°11	7°59	W16
T 17	11 40 16	26°51'34	6♎ 5	29°26	14°53	29°17	23°22	10°56	25° 6	21°21	0° 7	24°18	22°58	29°17	8° 1	T 17
F 18	11 44 13	27°51'20	18°31	0♓32	15°31	29° 2	23°26	10°51	25° 9	21°23	0° 6	24°13	22°55	29°24	8° 4	F 18
S 19	11 48 9	28°51'04	0♏46	1°40	16°11	28°47	23°30	10°47	25°12	21°26	0° 6	24° 7	22°52	29°31	8° 6	S 19
S 20	11 52 6	29°50'47	12°51	2°50	16°51	28°33	23°34	10°42	25°16	21°28	0° 5	24° 0	22°48	29°37	8° 8	S 20
M21	11 56 2	0♈50'28	24°48	4° 2	17°33	28°20	23°37	10°38	25°19	21°30	0° 5	23°54	22°45	29°44	8°11	M21
T 22	11 59 59	1°50'07	6♐41	5°17	18°16	28° 8	23°41	10°34	25°22	21°32	0° 4	23°50	22°42	29°51	8°13	T 22
W23	12 3 56	2°49'45	18°33	6°33	19° 0	27°56	23°44	10°29	25°25	21°35	0° 4	23°47	22°39	29°58	8°16	W23
T 24	12 7 52	3°49'20	0♑29	7°51	19°45	27°45	23°47	10°25	25°28	21°37	0° 3	23°D46	22°36	0♐ 4	8°18	T 24
F 25	12 11 49	4°48'54	12°34	9°10	20°31	27°35	23°50	10°21	25°32	21°39	0° 3	23°46	22°32	0°11	8°21	F 25
S 26	12 15 45	5°48'26	24°52	10°32	21°18	27°25	23°53	10°17	25°35	21°41	0° 2	23°47	22°29	0°18	8°24	S 26
S 27	12 19 42	6°47'57	7♒28	11°55	22° 5	27°17	23°56	10°13	25°38	21°44	0° 2	23°49	22°26	0°24	8°27	S 27
M28	12 23 38	7°47'26	20°27	13°19	22°54	27° 9	23°58	10° 9	25°41	21°46	0° 1	23°R49	22°23	0°31	8°29	M28
T 29	12 27 35	8°46'52	3♓51	14°46	23°43	27° 2	24° 1	10° 5	25°45	21°48	0° 1	23°49	22°20	0°38	8°32	T 29
W30	12 31 31	9°46'17	17°41	16°13	24°33	26°56	24° 3	10° 1	25°48	21°50	0° 1	23°47	22°17	0°45	8°35	W30
T 31	12 35 28	10♈45'40	1♈55	17♓43	25♒23	26♌50	24♐ 5	9♍57	25♈51	21♓52	0♌ 0	23♌42	22♌13	0♐51	8♊38	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s30	12s59	0s 7	12s57	2n 3	11s41	6n47	13n48	4n20	22s31	0n39	8n51	2n 2	8n54	0s34	4s37	1s 2	22n38	2n39	13n18	13n34	14s34	17n 6	4s30
W 2	7 7	9 14	1 22	13 10	1 50	11 46	6 39	13 56	4 19	22 31	0 39	8 53	2 2	8 55	0 34	4 36	1 2	22 39	2 39	13 19	13 35	14 36	17 7	4 30
T 3	6 44	4 55	2 33	13 21	1 36	11 51	6 30	14 3	4 18	22 31	0 39	8 55	2 2	8 56	0 34	4 35	1 2	22 39	2 39	13 19	13 36	14 38	17 7	4 30
F 4	6 21	0 16	3 36	13 30	1 23	11 55	6 22	14 11	4 17	22 32	0 39	8 57	2 2	8 57	0 34	4 34	1 2	22 39	2 39	13 20	13 37	14 39	17 8	4 29
S 5	5 57	4n27	4 26	13 36	1 9	11 59	6 13	14 18	4 15	22 32	0 39	8 59	2 2	8 58	0 34	4 33	1 2	22 39	2 39	13 21	13 38	14 41	17 8	4 29
S 6	5 34	8 56	4 59	13 42	0 56	12 2	6 4	14 25	4 14	22 32	0 39	9 1	2 2	8 59	0 34	4 32	1 2	22 39	2 39	13 22	13 39	14 42	17 9	4 29
M 7	5 11	12 54	5 14	13 45	0 43	12 5	5 55	14 31	4 12	22 33	0 39	9 3	2 2	9 0	0 34	4 31	1 2	22 40	2 39	13 23	13 40	14 44	17 9	4 29
T 8	4 47	16 4	5 9	13 46	0 31	12 8	5 46	14 37	4 11	22 33	0 39	9 4	2 2	9 1	0 33	4 30	1 2	22 40	2 39	13 23	13 41	14 45	17 10	4 28
W 9	4 24	18 15	4 45	13 45	0 19	12 10	5 37	14 44	4 9	22 33	0 39	9 6	2 2	9 2	0 33	4 29	1 2	22 40	2 39	13 23	13 43	14 47	17 10	4 28
T 10	4 0	19 18	4 5	13 43	0 7	12 11	5 28	14 49	4 8	22 34	0 39	9 8	2 2	9 3	0 33	4 29	1 2	22 40	2 39	13 23	13 44	14 48	17 10	4 28
F 11	3 37	19 10	3 10	13 39	0s 4	12 12	5 19	14 55	4 6	22 34	0 39	9 10	2 2	9 4	0 33	4 28	1 2	22 40	2 39	13 23	13 45	14 50	17 11	4 28
S 12	3 13	17 54	2 6	13 33	0 15	12 13	5 9	15 0	4 4	22 34	0 40	9 12	2 2	9 6	0 33	4 27	1 2	22 41	2 39	13 22	13 46	14 51	17 11	4 28
S 13	2 50	15 38	0 55	13 25	0 26	12 13	5 0	15 5	4 2	22 34	0 40	9 14	2 2	9 7	0 33	4 26	1 2	22 41	2 39	13 22	13 47	14 53	17 12	4 27
M14	2 26	12 34	0n17	13 16	0 36	12 13	4 51	15 9	4 0	22 35	0 40	9 15	2 2	9 8	0 33	4 25	1 2	22 41	2 39	13 22	13 48	14 54	17 13	4 27
T 15	2 2	8 56	1 27	13 5	0 45	12 12	4 42	15 14	3 58	22 35	0 40	9 17	2 2	9 9	0 33	4 24	1 2	22 41	2 39	13 22	13 49	14 56	17 13	4 27
W16	1 39	4 55	2 32	12 53	0 55	12 11	4 33	15 18	3 56	22 35	0 40	9 19	2 2	9 10	0 33	4 23	1 2	22 41	2 39	13 23	13 50	14 57	17 14	4 27
T 17	1 15	0 46	3 28	12 39	1 4	12 9	4 24	15 21	3 54	22 35	0 40	9 21	2 2	9 11	0 33	4 22	1 2	22 41	2 39	13 24	13 51	14 59	17 14	4 27
F 18	0 51	3s21	4 13	12 24	1 12	12 6	4 15	15 25	3 52	22 35	0 40	9 22	2 2	9 12	0 33	4 21	1 2	22 42	2 39	13 26	13 52	15 0	17 15	4 26
S 19	0 27	7 16	4 45	12 7	1 20	12 3	4 6	15 28	3 49	22 36	0 40	9 24	2 2	9 14	0 33	4 21	1 2	22 42	2 39	13 28	13 53	15 2	17 15	4 26
S 20	0 4	10 50	5 5	11 49	1 27	12 0	3 57	15 31	3 47	22 36	0 40	9 26	2 2	9 15	0 33	4 20	1 2	22 42	2 39	13 30	13 54	15 3	17 16	4 26
M21	0n20	13 55	5 10	11 29	1 34	11 56	3 48	15 33	3 45	22 36	0 40	9 27	2 2	9 16	0 33	4 19	1 2	22 42	2 39	13 32	13 55	15 5	17 16	4 26
T 22	0 44	16 26	5 3	11 8	1 41	11 51	3 39	15 35	3 43	22 36	0 40	9 29	2 2	9 17	0 33	4 18	1 2	22 42	2 39	13 34	13 56	15 6	17 17	4 26
W23	1 7	18 14	4 42	10 45	1 47	11 46	3 31	15 37	3 40	22 36	0 40	9 31	2 2	9 18	0 33	4 17	1 2	22 42	2 39	13 35	13 57	15 8	17 18	4 25
T 24	1 31	19 15	4 9	10 22	1 53	11 41	3 22	15 39	3 38	22 36	0 40	9 32	2 2	9 20	0 33	4 16	1 2	22 42	2 39	13 35	13 58	15 9	17 18	4 25
F 25	1 55	19 25	3 25	9 57	1 58	11 35	3 13	15 40	3 35	22 36	0 40	9 34	2 2	9 21	0 33	4 15	1 2	22 42	2 39	13 35	13 59	15 11	17 19	4 25
S 26	2 18	18 40	2 30	9 30	2 3	11 28	3 5	15 41	3 33	22 37	0 40	9 35	2 2	9 22	0 33	4 14	1 2	22 42	2 39	13 35	14 0	15 12	17 19	4 25
S 27	2 42	16 58	1 27	9 3	2 7	11 21	2 57	15 42	3 30	22 37	0 40	9 37	2 2	9 23	0 33	4 14	1 2	22 43	2 39	13 34	14 1	15 14	17 20	4 25
M28	3 5	14 22	0 18	8 34	2 11	11 13	2 48	15 42	3 28	22 37	0 40	9 38	2 2	9 24	0 33	4 13	1 2	22 43	2 39	13 34	14 2	15 15	17 21	4 24
T 29	3 29	10 56	0s54	8 4	2 14	11 5	2 40	15 42	3 25	22 37	0 40	9 40	2 2	9 26	0 33	4 12	1 2	22 43	2 39	13 34	14 3	15 17	17 21	4 24
W30	3 52	6 47	2 5	7 32	2 17	10 56	2 32	15 42	3 23	22 37	0 40	9 41	2 2	9 27	0 33	4 11	1 2	22 43	2 39	13 35	14 4	15 18	17 22	4 24
T 31	4n15	2s 9	3s11	7s 0	2s20	10s47	2n24	15n42	3n20	22s37	0n40	9n43	2n 2	9n28	0s33	4s10	1s 2	22n43	2n39	13n36	14n 5	15s20	17n22	4s24

Julian Day Number = 2519174.5, Delta T = 149.19 sec
Ecliptic obliquity = 23°24'48, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°19'40, Lahiri = 26°26'41

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2185
geocentric

APRIL 2185 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 39 25	11♈45'01	16♈30	19♓13	26♒14	26°R46	24♐ 6	9°R53	25♈55	21♓55	0°R 0	23°R36	22♌10	0♐58	8♊41	F 1
S 2	12 43 21	12°44'20	1♉18	20°45	27° 6	26♌42	24° 8	9♍50	25°58	21°57	29♋59	23♌28	22° 7	1° 5	8°44	S 2
S 3	12 47 18	13°43'37	16°11	22°19	27°59	26°39	24° 9	9°46	26° 2	21°59	29°59	23°21	22° 4	1°11	8°48	S 3
M 4	12 51 14	14°42'52	1♊ 1	23°54	28°52	26°36	24°10	9°43	26° 5	22° 1	29°59	23°13	22° 1	1°18	8°51	M 4
T 5	12 55 11	15°42'05	15°40	25°31	29°46	26°35	24°11	9°39	26° 8	22° 3	29°59	23° 8	21°57	1°25	8°54	T 5
W 6	12 59 7	16°41'15	0♋ 2	27° 8	0♓40	26°34	24°12	9°36	26°12	22° 5	29°59	23° 5	21°54	1°32	8°57	W 6
T 7	13 3 4	17°40'23	14° 5	28°48	1°35	26°D34	24°13	9°33	26°15	22° 7	29°59	23°D 3	21°51	1°38	9° 1	T 7
F 8	13 7 0	18°39'28	27°49	0♈29	2°30	26°34	24°13	9°29	26°19	22°10	29°59	23° 4	21°48	1°45	9° 4	F 8
S 9	13 10 57	19°38'32	11♌14	2°11	3°26	26°36	24°13	9°26	26°22	22°12	29°59	23° 5	21°45	1°52	9° 8	S 9
S 10	13 14 54	20°37'33	24°23	3°55	4°23	26°38	24°R13	9°23	26°25	22°14	29°59	23°R 5	21°42	1°59	9°11	S 10
M11	13 18 50	21°36'31	7♍18	5°40	5°20	26°41	24°13	9°20	26°29	22°16	29°59	23° 4	21°38	2° 5	9°15	M11
T 12	13 22 47	22°35'27	20° 0	7°26	6°17	26°44	24°13	9°18	26°32	22°18	29°D59	23° 1	21°35	2°12	9°18	T 12
W13	13 26 43	23°34'22	2♎31	9°15	7°15	26°48	24°12	9°15	26°36	22°20	29°59	22°55	21°32	2°19	9°22	W13
T 14	13 30 40	24°33'14	14°54	11° 4	8°13	26°53	24°12	9°12	26°39	22°22	29°59	22°46	21°29	2°25	9°26	T 14
F 15	13 34 36	25°32'04	27° 8	12°55	9°11	26°59	24°11	9° 9	26°43	22°24	29°59	22°36	21°26	2°32	9°29	F 15
S 16	13 38 33	26°30'52	9♏14	14°48	10°10	27° 5	24°10	9° 7	26°46	22°26	29°59	22°24	21°23	2°39	9°33	S 16
S 17	13 42 29	27°29'38	21°14	16°42	11°10	27°12	24° 8	9° 5	26°49	22°28	29°59	22°12	21°19	2°46	9°37	S 17
M18	13 46 26	28°28'22	3♐ 8	18°38	12°10	27°19	24° 7	9° 2	26°53	22°30	29°59	22° 0	21°16	2°52	9°41	M18
T 19	13 50 22	29°27'05	15° 0	20°35	13°10	27°27	24° 5	9° 0	26°56	22°32	29°59	21°50	21°13	2°59	9°45	T 19
W20	13 54 19	0♑25'46	26°52	22°34	14°10	27°36	24° 4	8°58	27° 0	22°33	29°59	21°43	21°10	3° 6	9°49	W20
T 21	13 58 16	1°24'25	8♑46	24°34	15°11	27°45	24° 2	8°56	27° 3	22°35	29°59	21°38	21° 7	3°12	9°53	T 21
F 22	14 2 12	2°23'02	20°49	26°36	16°12	27°55	23°59	8°54	27° 7	22°37	29°59	21°36	21° 3	3°19	9°57	F 22
S 23	14 6 9	3°21'38	3♒ 4	28°38	17°14	28° 5	23°57	8°52	27°10	22°39	0♌ 0	21°D35	21° 0	3°26	10° 1	S 23
S 24	14 10 5	4°20'12	15°36	0♑43	18°15	28°16	23°54	8°50	27°13	22°41	0° 0	21°R35	20°57	3°33	10° 5	S 24
M25	14 14 2	5°18'45	28°31	2°48	19°17	28°28	23°52	8°49	27°17	22°43	0° 1	21°35	20°54	3°39	10° 9	M25
T 26	14 17 58	6°17'16	11♓53	4°54	20°20	28°40	23°49	8°47	27°20	22°44	0° 1	21°34	20°51	3°46	10°13	T 26
W27	14 21 55	7°15'45	25°43	7° 2	21°22	28°52	23°46	8°46	27°24	22°46	0° 1	21°30	20°48	3°53	10°17	W27
T 28	14 25 51	8°14'12	10♈ 2	9°10	22°25	29° 6	23°42	8°45	27°27	22°48	0° 2	21°24	20°44	4° 0	10°21	T 28
F 29	14 29 48	9°12'38	24°47	11°18	23°28	29°19	23°39	8°43	27°30	22°50	0° 2	21°15	20°41	4° 6	10°26	F 29
S 30	14 33 45	10♉11'02	9♉51	13♉27	24♓31	29♌33	23♐35	8♍42	27♈34	22♓51	0♌ 3	21♌ 5	20♌38	4♐13	10♊30	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	4n38	2n42	4s 5	6s26	2s22	10s37	2n16	15n41	3n18	22s37	0n40	9n44	2n 2	9n29	0s33	4s 9	1s 2	22n43	2n39	13n38	14n 6	15s21	17n23	4s24
S 2	5 2	7 28	4 44	5 51	2 24	10 27	2 8	15 40	3 15	22 37	0 40	9 45	2 2	9 30	0 33	4 8	1 2	22 43	2 39	13 41	14 7	15 23	17 24	4 24
S 3	5 25	11 48	5 4	5 16	2 25	10 17	2 0	15 39	3 13	22 37	0 40	9 47	2 2	9 32	0 33	4 8	1 2	22 43	2 39	13 43	14 8	15 24	17 24	4 23
M 4	5 48	15 23	5 4	4 39	2 25	10 5	1 53	15 37	3 10	22 37	0 40	9 48	2 2	9 33	0 33	4 7	1 2	22 43	2 39	13 46	14 9	15 25	17 25	4 23
T 5	6 10	17 57	4 43	4 0	2 25	9 54	1 45	15 35	3 8	22 37	0 40	9 49	2 2	9 34	0 33	4 6	1 2	22 43	2 39	13 48	14 10	15 27	17 26	4 23
W 6	6 33	19 19	4 6	3 21	2 25	9 42	1 38	15 33	3 5	22 37	0 40	9 50	2 1	9 35	0 33	4 5	1 2	22 43	2 39	13 49	14 11	15 28	17 26	4 23
T 7	6 56	19 28	3 13	2 41	2 24	9 29	1 31	15 31	3 3	22 37	0 40	9 51	2 1	9 37	0 33	4 4	1 2	22 43	2 39	13 49	14 12	15 30	17 27	4 23
F 8	7 18	18 26	2 11	2 0	2 23	9 16	1 23	15 28	3 1	22 37	0 40	9 53	2 1	9 38	0 33	4 4	1 2	22 43	2 39	13 49	14 14	15 31	17 28	4 23
S 9	7 41	16 22	1 3	1 17	2 21	9 3	1 16	15 25	2 58	22 37	0 40	9 54	2 1	9 39	0 33	4 3	1 2	22 43	2 39	13 49	14 15	15 33	17 28	4 22
S 10	8 3	13 29	0n 7	0 34	2 19	8 49	1 9	15 22	2 56	22 37	0 40	9 55	2 1	9 40	0 33	4 2	1 2	22 43	2 39	13 49	14 16	15 34	17 29	4 22
M11	8 25	9 59	1 15	0n10	2 16	8 35	1 3	15 19	2 53	22 37	0 40	9 56	2 1	9 42	0 33	4 1	1 2	22 43	2 39	13 49	14 17	15 36	17 30	4 22
T 12	8 47	6 5	2 19	0 55	2 13	8 20	0 56	15 16	2 51	22 37	0 40	9 57	2 1	9 43	0 33	4 0	1 2	22 43	2 39	13 50	14 18	15 37	17 30	4 22
W13	9 9	1 58	3 14	1 41	2 9	8 5	0 49	15 12	2 48	22 37	0 40	9 58	2 1	9 44	0 33	4 0	1 2	22 43	2 39	13 52	14 19	15 39	17 31	4 22
T 14	9 30	2s11	4 0	2 28	2 4	7 49	0 43	15 8	2 46	22 37	0 40	9 59	2 1	9 45	0 33	3 59	1 2	22 43	2 39	13 55	14 20	15 40	17 32	4 22
F 15	9 52	6 11	4 34	3 16	2 0	7 33	0 36	15 4	2 44	22 37	0 40	9 59	2 1	9 47	0 33	3 58	1 2	22 43	2 39	13 58	14 21	15 41	17 32	4 22
S 16	10 13	9 54	4 55	4 4	1 54	7 17	0 30	15 0	2 41	22 37	0 40	10 0	2 1	9 48	0 33	3 57	1 2	22 43	2 39	14 2	14 22	15 43	17 33	4 21
S 17	10 34	13 11	5 2	4 53	1 48	7 0	0 24	14 55	2 39	22 37	0 40	10 1	2 0	9 49	0 33	3 57	1 2	22 43	2 39	14 6	14 23	15 44	17 34	4 21
M18	10 55	15 54	4 57	5 43	1 42	6 43	0 18	14 50	2 37	22 37	0 40	10 2	2 0	9 50	0 33	3 56	1 2	22 43	2 39	14 10	14 24	15 46	17 34	4 21
T 19	11 16	17 58	4 38	6 34	1 35	6 25	0 12	14 45	2 34	22 37	0 40	10 3	2 0	9 52	0 33	3 55	1 2	22 43	2 39	14 13	14 25	15 47	17 35	4 21
W20	11 37	19 15	4 8	7 24	1 28	6 8	0 6	14 40	2 32	22 37	0 40	10 3	2 0	9 53	0 33	3 54	1 2	22 43	2 39	14 15	14 26	15 49	17 36	4 21
T 21	11 57	19 41	3 27	8 16	1 20	5 49	0 1	14 35	2 30	22 36	0 40	10 4	2 0	9 54	0 33	3 54	1 3	22 43	2 39	14 17	14 27	15 50	17 36	4 21
F 22	12 17	19 14	2 36	9 8	1 12	5 31	0s 5	14 29	2 27	22 36	0 40	10 5	2 0	9 55	0 33	3 53	1 3	22 43	2 39	14 17	14 28	15 51	17 37	4 21
S 23	12 37	17 53	1 37	9 59	1 3	5 12	0 10	14 24	2 25	22 36	0 40	10 5	2 0	9 56	0 33	3 52	1 3	22 43	2 39	14 18	14 29	15 53	17 38	4 21
S 24	12 57	15 38	0 32	10 51	0 54	4 53	0 16	14 18	2 23	22 36	0 40	10 6	2 0	9 58	0 33	3 52	1 3	22 43	2 39	14 18	14 30	15 54	17 38	4 21
M25	13 17	12 33	0s37	11 44	0 45	4 33	0 21	14 12	2 21	22 36	0 40	10 6	2 0	9 59	0 33	3 51	1 3	22 43	2 39	14 18	14 31	15 56	17 39	4 21
T 26	13 36	8 43	1 45	12 35	0 35	4 14	0 26	14 6	2 19	22 36	0 40	10 7	1 59	10 0	0 33	3 50	1 3	22 43	2 39	14 18	14 32	15 57	17 40	4 20
W27	13 55	4 18	2 50	13 27	0 25	3 53	0 31	13 59	2 17	22 36	0 40	10 7	1 59	10 1	0 33	3 50	1 3	22 43	2 39	14 19	14 33	15 59	17 40	4 20
T 28	14 14	0n30	3 47	14 18	0 15	3 33	0 36	13 53	2 14	22 36	0 40	10 7	1 59	10 3	0 33	3 49	1 3	22 43	2 39	14 21	14 34	16 0	17 41	4 20
F 29	14 33	5 24	4 30	15 8	0 4	3 13	0 40	13 46	2 12	22 35	0 40	10 8	1 59	10 4	0 33	3 48	1 3	22 42	2 39	14 24	14 35	16 1	17 42	4 20
S 30	14n51	10n 5	4s55	15n57	0n 6	2s52	0s45	13n39	2n10	22s35	0n40	10n 8	1n59	10n 5	0s33	3s48	1s 3	22n42	2n39	14n27	14n36	16s 3	17n42	4s20

Julian Day Number = 2519205.5, Delta T = 149.26 sec
Ecliptic obliquity = 23°24'48, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°19'44, Lahiri = 26°26'45

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2185
geocentric

MAY 2185 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 37 41	11♉ 9'25	25♉ 4	15♉36	25♓35	29♌48	23°R32	8°R41	27♈37	22♓53	0♌ 3	20°R54	20♌35	4♐20	10♊34	S 1
M 2	14 41 38	12° 7'45	10♊15	17°45	26°39	0♍ 3	23♐28	8♍40	27°41	22°55	0° 4	20♌43	20°32	4°26	10°39	M 2
T 3	14 45 34	13° 6'04	25°13	19°53	27°43	0°19	23°24	8°40	27°44	22°56	0° 4	20°35	20°29	4°33	10°43	T 3
W 4	14 49 31	14° 4'21	9♋52	22° 0	28°47	0°35	23°19	8°39	27°47	22°58	0° 5	20°30	20°25	4°40	10°47	W 4
T 5	14 53 27	15° 2'35	24° 6	24° 6	29°51	0°51	23°15	8°38	27°51	23° 0	0° 5	20°26	20°22	4°47	10°52	T 5
F 6	14 57 24	16° 0'48	7♌55	26°11	0♈56	1° 8	23°10	8°38	27°54	23° 1	0° 6	20°25	20°19	4°53	10°56	F 6
S 7	15 1 20	16°58'59	21°19	28°14	2° 1	1°25	23° 5	8°37	27°57	23° 3	0° 6	20°25	20°16	5° 0	11° 1	S 7
S 8	15 5 17	17°57'07	4♍21	0♊16	3° 6	1°43	23° 1	8°37	28° 0	23° 4	0° 7	20°25	20°13	5° 7	11° 5	S 8
M 9	15 9 14	18°55'14	17° 6	2°14	4°11	2° 1	22°56	8°37	28° 4	23° 6	0° 8	20°23	20° 9	5°13	11°10	M 9
T 10	15 13 10	19°53'18	29°35	4°11	5°16	2°20	22°50	8°D37	28° 7	23° 7	0° 8	20°19	20° 6	5°20	11°14	T 10
W11	15 17 7	20°51'21	11♎54	6° 4	6°22	2°39	22°45	8°37	28°10	23° 8	0° 9	20°12	20° 3	5°27	11°19	W11
T 12	15 21 3	21°49'22	24° 4	7°55	7°28	2°58	22°40	8°37	28°13	23°10	0°10	20° 2	20° 0	5°34	11°23	T 12
F 13	15 25 0	22°47'21	6♏ 7	9°43	8°33	3°18	22°34	8°37	28°17	23°11	0°11	19°50	19°57	5°40	11°28	F 13
S 14	15 28 56	23°45'19	18° 5	11°28	9°39	3°38	22°28	8°38	28°20	23°13	0°11	19°36	19°54	5°47	11°33	S 14
S 15	15 32 53	24°43'15	0♐ 0	13° 9	10°46	3°59	22°22	8°38	28°23	23°14	0°12	19°22	19°50	5°54	11°37	S 15
M16	15 36 49	25°41'09	11°53	14°47	11°52	4°20	22°16	8°39	28°26	23°15	0°13	19° 9	19°47	6° 0	11°42	M16
T 17	15 40 46	26°39'03	23°44	16°22	12°58	4°41	22°10	8°40	28°29	23°16	0°14	18°58	19°44	6° 7	11°47	T 17
W18	15 44 43	27°36'54	5♑37	17°53	14° 5	5° 2	22° 4	8°40	28°32	23°18	0°15	18°49	19°41	6°14	11°51	W18
T 19	15 48 39	28°34'45	17°34	19°20	15°12	5°24	21°58	8°41	28°35	23°19	0°16	18°43	19°38	6°21	11°56	T 19
F 20	15 52 36	29°32'34	29°38	20°44	16°19	5°46	21°51	8°42	28°39	23°20	0°16	18°39	19°35	6°27	12° 1	F 20
S 21	15 56 32	0♊30'22	11♒53	22° 4	17°26	6° 9	21°45	8°43	28°42	23°21	0°17	18°38	19°31	6°34	12° 6	S 21
S 22	16 0 29	1°28'09	24°24	23°21	18°33	6°32	21°38	8°44	28°45	23°22	0°18	18°D38	19°28	6°41	12°10	S 22
M23	16 4 25	2°25'55	7♓15	24°34	19°40	6°55	21°31	8°46	28°48	23°23	0°19	18°R38	19°25	6°47	12°15	M23
T 24	16 8 22	3°23'39	20°31	25°42	20°47	7°18	21°24	8°47	28°51	23°24	0°20	18°37	19°22	6°54	12°20	T 24
W25	16 12 18	4°21'23	4♈15	26°47	21°55	7°42	21°17	8°49	28°54	23°26	0°21	18°34	19°19	7° 1	12°25	W25
T 26	16 16 15	5°19'06	18°29	27°48	23° 3	8° 6	21°10	8°50	28°57	23°27	0°22	18°28	19°15	7° 8	12°29	T 26
F 27	16 20 12	6°16'47	3♉ 9	28°45	24°10	8°30	21° 3	8°52	28°59	23°28	0°23	18°21	19°12	7°14	12°34	F 27
S 28	16 24 8	7°14'28	18°12	29°38	25°18	8°55	20°56	8°54	29° 2	23°28	0°24	18°11	19° 9	7°21	12°39	S 28
S 29	16 28 5	8°12'07	3♊29	0♋27	26°26	9°20	20°49	8°56	29° 5	23°29	0°25	18° 1	19° 6	7°28	12°44	S 29
M30	16 32 1	9° 9'46	18°47	1°12	27°34	9°45	20°41	8°58	29° 8	23°30	0°27	17°52	19° 3	7°34	12°49	M30
T 31	16 35 58	10♊ 7'23	3♋56	1♋52	28♈42	10♍10	20♐34	9♍ 0	29♈11	23♓31	0♌28	17♌44	19♌ 0	7♐41	12♊53	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15n10	14n 9	5s 0	16n46	0n17	2s31	0s49	13n32	2n 8	22s35	0n40	10n 8	1n59	10n 6	0s33	3s47	1s 3	22n42	2n39	14n31	14n37	16s 4	17n43	4s20
M 2	15 28	17 17	4 44	17 33	0 27	2 9	0 54	13 25	2 6	22 35	0 40	10 9	1 59	10 7	0 33	3 46	1 3	22 42	2 39	14 34	14 38	16 6	17 44	4 20
T 3	15 45	19 12	4 8	18 18	0 38	1 48	0 58	13 17	2 4	22 35	0 40	10 9	1 59	10 9	0 33	3 46	1 3	22 42	2 39	14 37	14 39	16 7	17 44	4 20
W 4	16 3	19 47	3 17	19 2	0 49	1 26	1 2	13 10	2 2	22 35	0 40	10 9	1 58	10 10	0 33	3 45	1 3	22 42	2 39	14 39	14 40	16 8	17 45	4 20
T 5	16 20	19 4	2 14	19 44	0 59	1 4	1 6	13 2	2 0	22 34	0 40	10 9	1 58	10 11	0 33	3 45	1 3	22 42	2 39	14 40	14 41	16 10	17 46	4 20
F 6	16 37	17 13	1 6	20 23	1 9	0 42	1 10	12 54	1 58	22 34	0 40	10 9	1 58	10 12	0 33	3 44	1 3	22 42	2 39	14 40	14 42	16 11	17 46	4 20
S 7	16 53	14 27	0n 5	21 1	1 18	0 19	1 14	12 46	1 56	22 34	0 40	10 9	1 58	10 13	0 33	3 43	1 3	22 42	2 39	14 40	14 43	16 13	17 47	4 20
S 8	17 10	11 2	1 13	21 36	1 27	0n 3	1 17	12 38	1 54	22 34	0 40	10 9	1 58	10 15	0 33	3 43	1 3	22 41	2 39	14 40	14 44	16 14	17 47	4 20
M 9	17 26	7 11	2 16	22 9	1 36	0 26	1 21	12 30	1 53	22 34	0 40	10 9	1 58	10 16	0 33	3 42	1 3	22 41	2 39	14 41	14 45	16 15	17 48	4 20
T 10	17 42	3 5	3 11	22 39	1 44	0 48	1 24	12 21	1 51	22 33	0 40	10 9	1 58	10 17	0 33	3 42	1 3	22 41	2 39	14 42	14 46	16 17	17 49	4 20
W11	17 57	1s 4	3 56	23 7	1 51	1 11	1 27	12 13	1 49	22 33	0 40	10 9	1 57	10 18	0 33	3 41	1 3	22 41	2 39	14 44	14 47	16 18	17 49	4 20
T 12	18 12	5 8	4 30	23 33	1 58	1 34	1 30	12 4	1 47	22 33	0 40	10 8	1 57	10 19	0 33	3 41	1 3	22 41	2 39	14 47	14 48	16 20	17 50	4 20
F 13	18 27	8 58	4 51	23 55	2 4	1 58	1 33	11 55	1 45	22 33	0 40	10 8	1 57	10 20	0 33	3 40	1 3	22 41	2 39	14 51	14 49	16 21	17 51	4 20
S 14	18 41	12 24	4 59	24 16	2 9	2 21	1 36	11 46	1 43	22 32	0 40	10 8	1 57	10 21	0 33	3 40	1 3	22 41	2 39	14 55	14 50	16 22	17 51	4 20
S 15	18 56	15 20	4 55	24 33	2 13	2 44	1 39	11 37	1 42	22 32	0 40	10 8	1 57	10 23	0 33	3 39	1 3	22 40	2 39	15 0	14 51	16 24	17 52	4 20
M16	19 10	17 37	4 37	24 49	2 17	3 8	1 41	11 28	1 40	22 32	0 40	10 7	1 57	10 24	0 33	3 39	1 3	22 40	2 39	15 4	14 52	16 25	17 53	4 20
T 17	19 23	19 9	4 7	25 2	2 20	3 31	1 44	11 19	1 38	22 31	0 40	10 7	1 57	10 25	0 33	3 38	1 3	22 40	2 39	15 7	14 53	16 26	17 53	4 20
W18	19 36	19 51	3 26	25 13	2 21	3 55	1 46	11 9	1 37	22 31	0 40	10 7	1 56	10 26	0 33	3 38	1 3	22 40	2 39	15 10	14 54	16 28	17 54	4 20
T 19	19 49	19 41	2 36	25 21	2 22	4 18	1 49	10 59	1 35	22 31	0 40	10 6	1 56	10 27	0 33	3 37	1 4	22 40	2 39	15 12	14 55	16 29	17 54	4 20
F 20	20 2	18 36	1 39	25 28	2 23	4 42	1 51	10 50	1 33	22 30	0 39	10 6	1 56	10 28	0 33	3 37	1 4	22 39	2 39	15 13	14 56	16 30	17 55	4 20
S 21	20 14	16 38	0 36	25 32	2 22	5 6	1 53	10 40	1 31	22 30	0 39	10 5	1 56	10 29	0 33	3 37	1 4	22 39	2 39	15 14	14 57	16 32	17 55	4 20
S 22	20 26	13 51	0s31	25 35	2 20	5 29	1 55	10 30	1 30	22 30	0 39	10 4	1 56	10 30	0 33	3 36	1 4	22 39	2 39	15 14	14 58	16 33	17 56	4 20
M23	20 37	10 20	1 37	25 36	2 18	5 53	1 57	10 20	1 28	22 29	0 39	10 4	1 56	10 31	0 33	3 36	1 4	22 39	2 39	15 14	14 59	16 35	17 57	4 20
T 24	20 49	6 13	2 40	25 35	2 14	6 17	1 58	10 10	1 27	22 29	0 39	10 3	1 56	10 32	0 33	3 35	1 4	22 39	2 39	15 14	15 0	16 36	17 57	4 20
W25	20 59	1 38	3 37	25 32	2 10	6 40	2 0	9 59	1 25	22 29	0 39	10 2	1 55	10 33	0 33	3 35	1 4	22 38	2 39	15 15	15 1	16 37	17 58	4 20
T 26	21 10	3n12	4 22	25 28	2 5	7 4	2 1	9 49	1 23	22 28	0 39	10 2	1 55	10 34	0 33	3 35	1 4	22 38	2 39	15 16	15 2	16 39	17 58	4 20
F 27	21 20	7 59	4 52	25 23	1 58	7 28	2 3	9 38	1 22	22 28	0 39	10 1	1 55	10 35	0 33	3 34	1 4	22 38	2 39	15 19	15 3	16 40	17 59	4 20
S 28	21 30	12 23	5 2	25 16	1 51	7 51	2 4	9 28	1 20	22 27	0 39	10 0	1 55	10 36	0 33	3 34	1 4	22 38	2 39	15 22	15 4	16 41	17 59	4 20
S 29	21 39	16 3	4 51	25 8	1 43	8 15	2 5	9 17	1 19	22 27	0 39	9 59	1 55	10 37	0 33	3 34	1 4	22 38	2 39	15 25	15 5	16 43	18 0	4 20
M30	21 48	18 38	4 20	24 59	1 34	8 38	2 6	9 6	1 17	22 27	0 39	9 58	1 55	10 38	0 33	3 33	1 4	22 37	2 39	15 28	15 6	16 44	18 1	4 20
T 31	21n57	19n51	3s30	24n49	1n25	9n 1	2s 7	8n55	1n16	22s26	0n39	9n57	1n55	10n39	0s33	3s33	1s 4	22n37	2n39	15n30	15n 7	16s45	18n 1	4s20

Julian Day Number = 2519235.5, Delta T = 149.34 sec
Ecliptic obliquity = 23°24'48, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°19'49, Lahiri = 26°26'49

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2185
geocentric

JUNE 2185 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 39 54	11♊ 4'59	18♋47	2♋28	29♈51	10♍36	20°R27	9♍ 2	29♈14	23♓32	0♎29	17°R39	18♎56	7♐48	12♊58	W 1
T 2	16 43 51	12° 2'33	3♎13	2°59	0♉59	11° 2	20♐19	9° 4	29°16	23°33	0°30	17♎36	18°53	7°55	13° 3	T 2
F 3	16 47 48	13° 0'06	17°11	3°26	2° 7	11°28	20°12	9° 7	29°19	23°33	0°31	17°D35	18°50	8° 1	13° 8	F 3
S 4	16 51 44	13°57'38	0♍41	3°48	3°16	11°55	20° 4	9° 9	29°22	23°34	0°32	17°36	18°47	8° 8	13°13	S 4
S 5	16 55 41	14°55'08	13°46	4° 6	4°25	12°21	19°57	9°12	29°24	23°35	0°34	17°R36	18°44	8°15	13°18	S 5
M 6	16 59 37	15°52'37	26°30	4°19	5°33	12°48	19°49	9°15	29°27	23°36	0°35	17°35	18°41	8°22	13°22	M 6
T 7	17 3 34	16°50'05	8♎56	4°27	6°42	13°15	19°41	9°17	29°30	23°36	0°36	17°33	18°37	8°28	13°27	T 7
W 8	17 7 30	17°47'32	21° 8	4°R31	7°51	13°43	19°34	9°20	29°32	23°37	0°37	17°28	18°34	8°35	13°32	W 8
T 9	17 11 27	18°44'57	3♏12	4°30	9° 0	14°10	19°26	9°23	29°35	23°37	0°39	17°21	18°31	8°42	13°37	T 9
F 10	17 15 23	19°42'22	15° 9	4°25	10° 9	14°38	19°18	9°26	29°37	23°38	0°40	17°12	18°28	8°48	13°42	F 10
S 11	17 19 20	20°39'45	27° 2	4°16	11°18	15° 6	19°11	9°29	29°40	23°38	0°41	17° 2	18°25	8°55	13°46	S 11
S 12	17 23 16	21°37'08	8♐54	4° 2	12°27	15°34	19° 3	9°33	29°42	23°39	0°43	16°52	18°21	9° 2	13°51	S 12
M13	17 27 13	22°34'29	20°47	3°44	13°36	16° 3	18°56	9°36	29°44	23°39	0°44	16°42	18°18	9° 9	13°56	M13
T 14	17 31 10	23°31'50	2♑41	3°23	14°46	16°31	18°48	9°39	29°47	23°40	0°45	16°33	18°15	9°15	14° 1	T 14
W15	17 35 6	24°29'11	14°39	2°59	15°55	17° 0	18°40	9°43	29°49	23°40	0°47	16°27	18°12	9°22	14° 6	W15
T 16	17 39 3	25°26'30	26°43	2°31	17° 5	17°29	18°33	9°47	29°51	23°40	0°48	16°22	18° 9	9°29	14°10	T 16
F 17	17 42 59	26°23'49	8♒54	2° 2	18°14	17°59	18°25	9°50	29°54	23°41	0°49	16°21	18° 6	9°35	14°15	F 17
S 18	17 46 56	27°21'08	21°16	1°30	19°24	18°28	18°18	9°54	29°56	23°41	0°51	16°D20	18° 2	9°42	14°20	S 18
S 19	17 50 52	28°18'26	3♓52	0°57	20°34	18°58	18°10	9°58	29°58	23°41	0°52	16°21	17°59	9°49	14°25	S 19
M20	17 54 49	29°15'44	16°45	0°23	21°43	19°27	18° 3	10° 2	0♉ 0	23°41	0°54	16°22	17°56	9°56	14°29	M20
T 21	17 58 46	0♋13'01	29°59	29♊49	22°53	19°57	17°56	10° 6	0° 2	23°42	0°55	16°R23	17°53	10° 2	14°34	T 21
W22	18 2 42	1°10'18	13♈38	29°15	24° 3	20°27	17°48	10°10	0° 4	23°42	0°57	16°22	17°50	10° 9	14°39	W22
T 23	18 6 39	2° 7'35	27°42	28°42	25°13	20°58	17°41	10°14	0° 6	23°42	0°58	16°20	17°46	10°16	14°43	T 23
F 24	18 10 35	3° 4'52	12♉10	28°10	26°23	21°28	17°34	10°18	0° 8	23°42	0°59	16°16	17°43	10°22	14°48	F 24
S 25	18 14 32	4° 2'09	26°59	27°41	27°33	21°59	17°27	10°23	0°10	23°42	1° 1	16°10	17°40	10°29	14°53	S 25
S 26	18 18 28	4°59'25	12♊ 3	27°14	28°43	22°30	17°20	10°27	0°12	23°R42	1° 2	16° 4	17°37	10°36	14°57	S 26
M27	18 22 25	5°56'42	27°12	26°50	29°54	23° 1	17°13	10°32	0°14	23°42	1° 4	15°59	17°34	10°42	15° 2	M27
T 28	18 26 21	6°53'58	12♋17	26°29	1♊ 4	23°32	17° 6	10°36	0°16	23°42	1° 6	15°54	17°31	10°49	15° 7	T 28
W29	18 30 18	7°51'13	27° 8	26°12	2°14	24° 3	16°59	10°41	0°17	23°42	1° 7	15°51	17°27	10°56	15°11	W29
T 30	18 34 15	8♋48'29	11♎38	25♊59	3♊25	24♍35	16♐52	10♍46	0♉19	23♓42	1♎ 9	15°D50	17♎24	11♐ 3	15♊16	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n 5	19n40	2s27	24n37	1n14	9n25	2s 8	8n44	1n14	22s26	0n38	9n56	1n54	10n40	0s33	3s33	1s 4	22n37	2n39	15n32	15n 8	16s47	18n 2	4s20
T 2	22 13	18 11	1 16	24 25	1 3	9 48	2 9	8 33	1 13	22 25	0 38	9 55	1 54	10 41	0 33	3 32	1 4	22 37	2 39	15 32	15 9	16 48	18 2	4 20
F 3	22 20	15 38	0 2	24 12	0 50	10 11	2 9	8 21	1 11	22 25	0 38	9 54	1 54	10 42	0 33	3 32	1 4	22 36	2 39	15 33	15 10	16 49	18 3	4 20
S 4	22 27	12 18	1n 9	23 59	0 37	10 33	2 10	8 10	1 10	22 24	0 38	9 53	1 54	10 43	0 33	3 32	1 4	22 36	2 39	15 33	15 11	16 51	18 3	4 20
S 5	22 34	8 27	2 15	23 44	0 23	10 56	2 10	7 59	1 9	22 24	0 38	9 52	1 54	10 44	0 33	3 32	1 4	22 36	2 39	15 32	15 12	16 52	18 4	4 21
M 6	22 40	4 20	3 12	23 30	0 9	11 19	2 10	7 47	1 7	22 24	0 38	9 51	1 54	10 45	0 33	3 32	1 4	22 36	2 39	15 33	15 13	16 53	18 4	4 21
T 7	22 46	0 7	3 59	23 14	0s 6	11 41	2 11	7 35	1 6	22 23	0 38	9 50	1 54	10 46	0 33	3 31	1 4	22 35	2 39	15 33	15 14	16 55	18 5	4 21
W 8	22 51	4s 1	4 33	22 58	0 22	12 3	2 11	7 23	1 4	22 23	0 38	9 49	1 53	10 47	0 33	3 31	1 4	22 35	2 39	15 35	15 15	16 56	18 5	4 21
T 9	22 56	7 56	4 55	22 42	0 38	12 25	2 11	7 12	1 3	22 22	0 38	9 47	1 53	10 48	0 33	3 31	1 4	22 35	2 39	15 37	15 16	16 57	18 5	4 21
F 10	23 1	11 30	5 4	22 26	0 55	12 47	2 11	7 0	1 2	22 22	0 38	9 46	1 53	10 48	0 33	3 31	1 4	22 35	2 39	15 40	15 17	16 59	18 6	4 21
S 11	23 5	14 36	5 0	22 9	1 12	13 8	2 10	6 48	1 0	22 21	0 37	9 45	1 53	10 49	0 33	3 31	1 4	22 34	2 39	15 43	15 18	17 0	18 6	4 21
S 12	23 9	17 6	4 43	21 52	1 29	13 30	2 10	6 35	0 59	22 21	0 37	9 44	1 53	10 50	0 33	3 30	1 5	22 34	2 39	15 46	15 19	17 1	18 7	4 21
M13	23 12	18 53	4 13	21 36	1 46	13 51	2 10	6 23	0 58	22 20	0 37	9 42	1 53	10 51	0 33	3 30	1 5	22 34	2 39	15 49	15 20	17 2	18 7	4 21
T 14	23 15	19 51	3 32	21 19	2 3	14 11	2 9	6 11	0 56	22 20	0 37	9 41	1 53	10 52	0 33	3 30	1 5	22 34	2 39	15 51	15 21	17 4	18 8	4 22
W15	23 18	19 56	2 42	21 3	2 20	14 32	2 9	5 58	0 55	22 19	0 37	9 39	1 52	10 53	0 33	3 30	1 5	22 33	2 39	15 53	15 22	17 5	18 8	4 22
T 16	23 20	19 6	1 44	20 47	2 37	14 52	2 8	5 46	0 54	22 19	0 37	9 38	1 52	10 53	0 33	3 30	1 5	22 33	2 39	15 55	15 22	17 6	18 9	4 22
F 17	23 22	17 22	0 40	20 31	2 52	15 12	2 7	5 33	0 53	22 18	0 37	9 36	1 52	10 54	0 33	3 30	1 5	22 33	2 39	15 55	15 23	17 8	18 9	4 22
S 18	23 23	14 49	0s27	20 17	3 8	15 32	2 6	5 21	0 51	22 18	0 36	9 35	1 52	10 55	0 33	3 30	1 5	22 32	2 39	15 55	15 24	17 9	18 9	4 22
S 19	23 24	11 32	1 33	20 2	3 22	15 51	2 6	5 8	0 50	22 17	0 36	9 33	1 52	10 56	0 33	3 30	1 5	22 32	2 39	15 55	15 25	17 10	18 10	4 22
M20	23 25	7 38	2 37	19 49	3 36	16 10	2 5	4 55	0 49	22 17	0 36	9 32	1 52	10 56	0 33	3 30	1 5	22 32	2 40	15 55	15 26	17 11	18 10	4 22
T 21	23 25	3 16	3 34	19 37	3 48	16 29	2 3	4 42	0 48	22 16	0 36	9 30	1 52	10 57	0 33	3 30	1 5	22 32	2 40	15 55	15 27	17 13	18 10	4 23
W22	23 24	1n22	4 20	19 25	3 59	16 47	2 2	4 29	0 46	22 16	0 36	9 28	1 52	10 58	0 33	3 30	1 5	22 31	2 40	15 55	15 28	17 14	18 11	4 23
T 23	23 24	6 5	4 53	19 15	4 9	17 5	2 1	4 16	0 45	22 15	0 36	9 27	1 51	10 58	0 33	3 30	1 5	22 31	2 40	15 55	15 29	17 15	18 11	4 23
F 24	23 23	10 34	5 8	19 6	4 18	17 23	2 0	4 3	0 44	22 15	0 36	9 25	1 51	10 59	0 33	3 30	1 5	22 31	2 40	15 57	15 30	17 17	18 11	4 23
S 25	23 21	14 32	5 4	18 59	4 25	17 40	1 58	3 50	0 43	22 14	0 35	9 23	1 51	11 0	0 33	3 30	1 5	22 30	2 40	15 58	15 31	17 18	18 12	4 23
S 26	23 19	17 37	4 38	18 53	4 30	17 57	1 57	3 37	0 42	22 14	0 35	9 21	1 51	11 0	0 33	3 30	1 5	22 30	2 40	16 0	15 32	17 19	18 12	4 23
M27	23 17	19 30	3 53	18 48	4 35	18 13	1 55	3 23	0 41	22 13	0 35	9 19	1 51	11 1	0 33	3 30	1 5	22 30	2 40	16 2	15 33	17 20	18 12	4 24
T 28	23 14	19 59	2 52	18 45	4 37	18 30	1 54	3 10	0 39	22 13	0 35	9 18	1 51	11 2	0 33	3 30	1 5	22 29	2 40	16 3	15 34	17 22	18 13	4 24
W29	23 11	19 4	1 40	18 43	4 38	18 45	1 52	2 57	0 38	22 12	0 35	9 16	1 51	11 2	0 34	3 30	1 5	22 29	2 40	16 4	15 35	17 23	18 13	4 24
T 30	23n 7	16n55	0s23	18n43	4s38	19n 0	1s50	2n43	0n37	22s12	0n35	9n14	1n51	11n 3	0s34	3s30	1s 5	22n29	2n40	16n 4	15n36	17s24	18n13	4s24

Julian Day Number = 2519266.5, Delta T = 149.41 sec
Ecliptic obliquity = 23°24'47, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°19'53, Lahiri = 26°26'53

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2185
geocentric

JULY 2185 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 38 11	9♋45'43	25♌42	25°R51	4♊35	25♍ 7	16°R46	10♍51	0♉21	23°R42	1♌10	15♌50	17♌21	11♐ 9	15♊20	F 1
S 2	18 42 8	10°42'58	9♍19	25°D47	5°46	25°39	16♐39	10°55	0°22	23♓41	1°12	15°51	17°18	11°16	15°25	S 2
S 3	18 46 4	11°40'12	22°30	25♊48	6°56	26°11	16°33	11° 0	0°24	23°41	1°13	15°53	17°15	11°23	15°29	S 3
M 4	18 50 1	12°37'25	5♎17	25°53	8° 7	26°43	16°27	11° 5	0°26	23°41	1°15	15°54	17°12	11°29	15°34	M 4
T 5	18 53 57	13°34'38	17°45	26° 3	9°17	27°15	16°21	11°11	0°27	23°41	1°16	15°R54	17° 8	11°36	15°38	T 5
W 6	18 57 54	14°31'51	29°58	26°19	10°28	27°47	16°15	11°16	0°29	23°40	1°18	15°53	17° 5	11°43	15°43	W 6
T 7	19 1 50	15°29'03	11♏59	26°39	11°39	28°20	16° 9	11°21	0°30	23°40	1°20	15°50	17° 2	11°50	15°47	T 7
F 8	19 5 47	16°26'15	23°54	27° 4	12°50	28°53	16° 3	11°26	0°31	23°40	1°21	15°47	16°59	11°56	15°52	F 8
S 9	19 9 44	17°23'27	5♐46	27°35	14° 1	29°26	15°58	11°32	0°33	23°39	1°23	15°42	16°56	12° 3	15°56	S 9
S 10	19 13 40	18°20'39	17°38	28°10	15°12	29°59	15°52	11°37	0°34	23°39	1°24	15°38	16°52	12°10	16° 0	S 10
M11	19 17 37	19°17'51	29°33	28°50	16°23	0♎32	15°47	11°43	0°35	23°38	1°26	15°33	16°49	12°16	16° 4	M11
T 12	19 21 33	20°15'03	11♑33	29°35	17°34	1° 5	15°42	11°48	0°36	23°38	1°28	15°29	16°46	12°23	16° 9	T 12
W13	19 25 30	21°12'15	23°40	0♋25	18°45	1°38	15°36	11°54	0°38	23°37	1°29	15°27	16°43	12°30	16°13	W13
T 14	19 29 26	22° 9'27	5♒55	1°20	19°56	2°12	15°32	12° 0	0°39	23°37	1°31	15°25	16°40	12°37	16°17	T 14
F 15	19 33 23	23° 6'39	18°19	2°19	21° 7	2°46	15°27	12° 5	0°40	23°36	1°33	15°D25	16°37	12°43	16°21	F 15
S 16	19 37 19	24° 3'52	0♓56	3°23	22°18	3°19	15°22	12°11	0°41	23°36	1°34	15°26	16°33	12°50	16°25	S 16
S 17	19 41 16	25° 1'05	13°45	4°32	23°30	3°53	15°18	12°17	0°42	23°35	1°36	15°27	16°30	12°57	16°29	S 17
M18	19 45 13	25°58'18	26°50	5°45	24°41	4°27	15°13	12°23	0°43	23°34	1°38	15°28	16°27	13° 3	16°34	M18
T 19	19 49 9	26°55'32	10♈11	7° 2	25°53	5° 2	15° 9	12°29	0°44	23°33	1°39	15°29	16°24	13°10	16°38	T 19
W20	19 53 6	27°52'47	23°50	8°24	27° 4	5°36	15° 5	12°35	0°44	23°33	1°41	15°R30	16°21	13°17	16°42	W20
T 21	19 57 2	28°50'03	7♉48	9°50	28°16	6°10	15° 2	12°41	0°45	23°32	1°42	15°30	16°18	13°24	16°46	T 21
F 22	20 0 59	29°47'19	22° 3	11°21	29°27	6°45	14°58	12°47	0°46	23°31	1°44	15°29	16°14	13°30	16°49	F 22
S 23	20 4 55	0♌44'36	6♊35	12°55	0♋39	7°20	14°54	12°53	0°46	23°30	1°46	15°28	16°11	13°37	16°53	S 23
S 24	20 8 52	1°41'54	21°17	14°34	1°51	7°54	14°51	13° 0	0°47	23°30	1°47	15°26	16° 8	13°44	16°57	S 24
M25	20 12 48	2°39'12	6♋ 5	16°16	3° 2	8°29	14°48	13° 6	0°48	23°29	1°49	15°24	16° 5	13°50	17° 1	M25
T 26	20 16 45	3°36'32	20°50	18° 1	4°14	9° 4	14°45	13°12	0°48	23°28	1°51	15°23	16° 2	13°57	17° 5	T 26
W27	20 20 42	4°33'52	5♌27	19°50	5°26	9°40	14°42	13°19	0°49	23°27	1°52	15°23	15°58	14° 4	17° 8	W27
T 28	20 24 38	5°31'12	19°48	21°42	6°38	10°15	14°40	13°25	0°49	23°26	1°54	15°D23	15°55	14°10	17°12	T 28
F 29	20 28 35	6°28'33	3♍49	23°37	7°50	10°50	14°37	13°32	0°50	23°25	1°56	15°23	15°52	14°17	17°16	F 29
S 30	20 32 31	7°25'54	17°27	25°34	9° 2	11°26	14°35	13°38	0°50	23°24	1°57	15°24	15°49	14°24	17°19	S 30
S 31	20 36 28	8♌23'16	0♎40	27♋34	10♋14	12♎ 2	14♐33	13♍45	0♉50	23♓23	1♌59	15♌24	15♌46	14♐31	17♊23	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	23n 3	13n47	0n54	18n44	4s37	19n15	1s49	2n29	0n36	22s11	0n34	9n12	1n51	11n 3	0s34	3s30	1s 5	22n29	2n40	16n 4	15n37	17s25	18n14	4s24	F 1
S 2	22 59	10 0	2 5	18 47	4 34	19 29	1 47	2 16	0 35	22 11	0 34	9 10	1 50	11 4	0 34	3 30	1 5	22 28	2 40	16 4	15 38	17 27	18 14	4 25	S 2
S 3	22 54	5 50	3 7	18 51	4 30	19 43	1 45	2 2	0 34	22 10	0 34	9 8	1 50	11 5	0 34	3 30	1 5	22 28	2 40	16 4	15 39	17 28	18 14	4 25	S 3
M 4	22 49	1 32	3 58	18 56	4 25	19 57	1 43	1 48	0 33	22 10	0 34	9 6	1 50	11 5	0 34	3 31	1 6	22 28	2 40	16 3	15 40	17 29	18 14	4 25	M 4
T 5	22 43	2s42	4 36	19 3	4 18	20 9	1 41	1 35	0 32	22 9	0 34	9 4	1 50	11 6	0 34	3 31	1 6	22 27	2 40	16 3	15 41	17 30	18 15	4 25	T 5
W 6	22 37	6 45	5 1	19 11	4 11	20 22	1 39	1 21	0 31	22 9	0 34	9 2	1 50	11 6	0 34	3 31	1 6	22 27	2 40	16 4	15 42	17 32	18 15	4 25	W 6
T 7	22 31	10 28	5 12	19 20	4 3	20 34	1 37	1 7	0 29	22 8	0 33	9 0	1 50	11 7	0 34	3 31	1 6	22 27	2 40	16 4	15 43	17 33	18 15	4 26	T 7
F 8	22 24	13 44	5 9	19 29	3 54	20 45	1 35	0 53	0 28	22 8	0 33	8 58	1 50	11 7	0 34	3 31	1 6	22 26	2 40	16 5	15 44	17 34	18 15	4 26	F 8
S 9	22 17	16 25	4 54	19 40	3 44	20 56	1 32	0 39	0 27	22 8	0 33	8 55	1 50	11 7	0 34	3 31	1 6	22 26	2 40	16 7	15 45	17 35	18 16	4 26	S 9
S 10	22 10	18 26	4 25	19 51	3 33	21 6	1 30	0 25	0 26	22 7	0 33	8 53	1 50	11 8	0 34	3 32	1 6	22 26	2 40	16 8	15 46	17 37	18 16	4 26	S 10
M11	22 2	19 39	3 46	20 2	3 22	21 16	1 28	0 11	0 25	22 7	0 33	8 51	1 50	11 8	0 34	3 32	1 6	22 25	2 40	16 9	15 47	17 38	18 16	4 27	M11
T 12	21 53	20 0	2 55	20 14	3 10	21 25	1 25	0s 4	0 24	22 6	0 32	8 49	1 50	11 9	0 34	3 32	1 6	22 25	2 40	16 10	15 48	17 39	18 16	4 27	T 12
W13	21 45	19 26	1 57	20 27	2 58	21 34	1 23	0 18	0 23	22 6	0 32	8 47	1 49	11 9	0 34	3 32	1 6	22 25	2 40	16 11	15 49	17 40	18 16	4 27	W13
T 14	21 36	17 56	0 52	20 39	2 45	21 42	1 20	0 32	0 22	22 6	0 32	8 44	1 49	11 9	0 34	3 33	1 6	22 25	2 41	16 12	15 50	17 42	18 16	4 27	T 14
F 15	21 26	15 34	0s16	20 51	2 32	21 49	1 18	0 46	0 21	22 5	0 32	8 42	1 49	11 10	0 34	3 33	1 6	22 24	2 41	16 12	15 50	17 43	18 17	4 28	F 15
S 16	21 16	12 27	1 24	21 3	2 19	21 56	1 15	1 1	0 20	22 5	0 32	8 40	1 49	11 10	0 34	3 33	1 6	22 24	2 41	16 12	15 51	17 44	18 17	4 28	S 16
S 17	21 6	8 41	2 30	21 15	2 6	22 2	1 13	1 15	0 19	22 5	0 32	8 38	1 49	11 10	0 34	3 33	1 6	22 24	2 41	16 11	15 52	17 45	18 17	4 28	S 17
M18	20 56	4 27	3 29	21 25	1 52	22 8	1 10	1 30	0 18	22 5	0 31	8 35	1 49	11 11	0 34	3 34	1 6	22 23	2 41	16 11	15 53	17 46	18 17	4 28	M18
T 19	20 45	0n 4	4 18	21 35	1 38	22 13	1 8	1 44	0 17	22 4	0 31	8 33	1 49	11 11	0 34	3 34	1 6	22 23	2 41	16 10	15 54	17 48	18 17	4 29	T 19
W20	20 34	4 41	4 54	21 45	1 24	22 18	1 5	1 58	0 16	22 4	0 31	8 30	1 49	11 11	0 34	3 34	1 6	22 23	2 41	16 10	15 55	17 49	18 17	4 29	W20
T 21	20 22	9 9	5 13	21 52	1 11	22 22	1 2	2 13	0 15	22 4	0 31	8 28	1 49	11 12	0 34	3 35	1 6	22 22	2 41	16 10	15 56	17 50	18 17	4 29	T 21
F 22	20 10	13 12	5 14	21 59	0 57	22 25	1 0	2 27	0 14	22 4	0 31	8 26	1 49	11 12	0 34	3 35	1 6	22 22	2 41	16 11	15 57	17 51	18 17	4 30	F 22
S 23	19 58	16 32	4 55	22 4	0 44	22 28	0 57	2 42	0 13	22 3	0 30	8 23	1 49	11 12	0 34	3 35	1 6	22 22	2 41	16 11	15 58	17 52	18 17	4 30	S 23
S 24	19 46	18 52	4 16	22 7	0 30	22 30	0 54	2 57	0 12	22 3	0 30	8 21	1 49	11 12	0 34	3 36	1 6	22 21	2 41	16 11	15 59	17 54	18 18	4 30	S 24
M25	19 33	19 56	3 21	22 8	0 17	22 31	0 51	3 11	0 11	22 3	0 30	8 18	1 49	11 12	0 34	3 36	1 6	22 21	2 41	16 12	16 0	17 55	18 18	4 30	M25
T 26	19 20	19 38	2 12	22 7	0 5	22 32	0 49	3 26	0 11	22 3	0 30	8 16	1 48	11 13	0 34	3 37	1 6	22 21	2 41	16 12	16 1	17 56	18 18	4 31	T 26
W27	19 6	18 0	0 55	22 4	0n 7	22 32	0 46	3 41	0 10	22 3	0 30	8 13	1 48	11 13	0 34	3 37	1 6	22 20	2 41	16 12	16 2	17 57	18 18	4 31	W27
T 28	18 52	15 15	0n25	21 59	0 19	22 32	0 43	3 55	0 9	22 3	0 29	8 11	1 48	11 13	0 34	3 37	1 7	22 20	2 41	16 12	16 3	17 58	18 18	4 31	T 28
F 29	18 38	11 39	1 40	21 51	0 30	22 31	0 40	4 10	0 8	22 3	0 29	8 8	1 48	11 13	0 34	3 38	1 7	22 20	2 41	16 12	16 4	17 59	18 18	4 32	F 29
S 30	18 24	7 33	2 49	21 40	0 40	22 29	0 37	4 25	0 7	22 3	0 29	8 6	1 48	11 13	0 34	3 38	1 7	22 20	2 42	16 12	16 5	18 1	18 18	4 32	S 30
S 31	18n 9	3n11	3n46	21n27	0n50	22n27	0s35	4s39	0n 6	22s 3	0n29	8n 3	1n48	11n13	0s34	3s39	1s 7	22n19	2n42	16n12	16n 6	18s 2	18n18	4s32	S 31

Julian Day Number = 2519296.5, Delta T = 149.48 sec
Ecliptic obliquity = 23°24'47, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°19'57, Lahiri = 26°26'57

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2185
geocentric

AUGUST 2185 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 40 24	9♌20'39	13♎31	29♋35	11♋26	12♎37	14°R31	13♍52	0♉50	23°R22	2♌ 1	15♌25	15♌43	14♐37	17♊26	M 1
T 2	20 44 21	10°18'02	26° 2	1♌38	12°38	13°13	14♐29	13°58	0°51	23♓21	2° 2	15°25	15°39	14°44	17°30	T 2
W 3	20 48 17	11°15'25	8♏17	3°41	13°50	13°49	14°28	14° 5	0°51	23°20	2° 4	15°R25	15°36	14°51	17°33	W 3
T 4	20 52 14	12°12'49	20°20	5°46	15° 3	14°25	14°27	14°12	0°51	23°18	2° 6	15°25	15°33	14°57	17°36	T 4
F 5	20 56 11	13°10'14	2♐15	7°51	16°15	15° 1	14°25	14°19	0°R51	23°17	2° 7	15°25	15°30	15° 4	17°40	F 5
S 6	21 0 7	14° 7'39	14° 7	9°57	17°27	15°38	14°25	14°25	0°51	23°16	2° 9	15°25	15°27	15°11	17°43	S 6
S 7	21 4 4	15° 5'05	26° 0	12° 2	18°40	16°14	14°24	14°32	0°51	23°15	2°10	15°D25	15°24	15°18	17°46	S 7
M 8	21 8 0	16° 2'32	7♑58	14° 7	19°52	16°51	14°23	14°39	0°51	23°14	2°12	15°25	15°20	15°24	17°49	M 8
T 9	21 11 57	17° 0'00	20° 5	16°12	21° 5	17°27	14°23	14°46	0°50	23°13	2°14	15°25	15°17	15°31	17°52	T 9
W10	21 15 53	17°57'28	2♒21	18°15	22°17	18° 4	14°23	14°53	0°50	23°11	2°15	15°25	15°14	15°38	17°56	W10
T 11	21 19 50	18°54'58	14°50	20°18	23°30	18°41	14°D23	15° 0	0°50	23°10	2°17	15°R25	15°11	15°44	17°58	T 11
F 12	21 23 46	19°52'28	27°33	22°20	24°42	19°18	14°23	15° 7	0°50	23° 9	2°19	15°25	15° 8	15°51	18° 1	F 12
S 13	21 27 43	20°49'59	10♓30	24°20	25°55	19°55	14°23	15°14	0°49	23° 7	2°20	15°25	15° 4	15°58	18° 4	S 13
S 14	21 31 40	21°47'32	23°41	26°20	27° 8	20°32	14°24	15°21	0°49	23° 6	2°22	15°24	15° 1	16° 4	18° 7	S 14
M15	21 35 36	22°45'06	7♈ 6	28°18	28°20	21° 9	14°24	15°28	0°48	23° 5	2°23	15°23	14°58	16°11	18°10	M15
T 16	21 39 33	23°42'41	20°44	0♍15	29°33	21°46	14°25	15°36	0°48	23° 3	2°25	15°23	14°55	16°18	18°13	T 16
W17	21 43 29	24°40'18	4♉34	2°10	0♌46	22°24	14°26	15°43	0°47	23° 2	2°26	15°22	14°52	16°25	18°15	W17
T 18	21 47 26	25°37'56	18°34	4° 4	1°59	23° 1	14°27	15°50	0°47	23° 0	2°28	15°21	14°49	16°31	18°18	T 18
F 19	21 51 22	26°35'36	2♊44	5°57	3°12	23°39	14°29	15°57	0°46	22°59	2°29	15°D21	14°45	16°38	18°20	F 19
S 20	21 55 19	27°33'18	17° 0	7°48	4°25	24°17	14°31	16° 5	0°46	22°58	2°31	15°22	14°42	16°45	18°23	S 20
S 21	21 59 15	28°31'01	1♋21	9°37	5°38	24°54	14°32	16°12	0°45	22°56	2°33	15°23	14°39	16°51	18°25	S 21
M22	22 3 12	29°28'46	15°43	11°26	6°51	25°32	14°34	16°19	0°44	22°55	2°34	15°24	14°36	16°58	18°28	M22
T 23	22 7 9	0♍26'32	0♌ 3	13°13	8° 4	26°10	14°36	16°27	0°43	22°53	2°36	15°25	14°33	17° 5	18°30	T 23
W24	22 11 5	1°24'20	14°15	14°58	9°18	26°48	14°39	16°34	0°42	22°52	2°37	15°R25	14°30	17°11	18°32	W24
T 25	22 15 2	2°22'09	28°16	16°42	10°31	27°27	14°41	16°41	0°41	22°50	2°38	15°25	14°26	17°18	18°35	T 25
F 26	22 18 58	3°19'59	12♍ 2	18°25	11°44	28° 5	14°44	16°49	0°40	22°49	2°40	15°23	14°23	17°25	18°37	F 26
S 27	22 22 55	4°17'51	25°31	20° 6	12°57	28°43	14°47	16°56	0°39	22°47	2°41	15°21	14°20	17°32	18°39	S 27
S 28	22 26 51	5°15'44	8♎40	21°46	14°11	29°22	14°50	17° 4	0°38	22°46	2°43	15°19	14°17	17°38	18°41	S 28
M29	22 30 48	6°13'39	21°29	23°24	15°24	0♏ 0	14°53	17°11	0°37	22°44	2°44	15°15	14°14	17°45	18°43	M29
T 30	22 34 44	7°11'35	4♏ 1	25° 2	16°38	0°39	14°57	17°18	0°36	22°42	2°46	15°12	14°10	17°52	18°44	T 30
W31	22 38 41	8♍ 9'32	16♏16	26♍38	17♌51	1♏18	15♐ 0	17♍26	0♉35	22♓41	2♌47	15♌10	14♌ 7	17♐58	18♊46	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17n54	1s11	4n29	21n11	0n59	22n24	0s32	4s54	0n 5	22s 3	0n29	8n 0	1n48	11n13	0s34	3s39	1s 7	22n19	2n42	16n12	16n 7	18s 3	18n18	4s33
T 2	17 38	5 24	4 59	20 52	1 7	22 20	0 29	5 9	0 4	22 3	0 28	7 58	1 48	11 13	0 34	3 40	1 7	22 19	2 42	16 12	16 8	18 4	18 18	4 33
W 3	17 23	9 17	5 15	20 31	1 15	22 16	0 26	5 24	0 3	22 3	0 28	7 55	1 48	11 13	0 34	3 40	1 7	22 18	2 42	16 12	16 8	18 5	18 18	4 33
T 4	17 7	12 44	5 16	20 8	1 22	22 11	0 23	5 38	0 2	22 3	0 28	7 52	1 48	11 13	0 34	3 41	1 7	22 18	2 42	16 12	16 9	18 6	18 18	4 34
F 5	16 51	15 38	5 4	19 42	1 27	22 5	0 20	5 53	0 2	22 3	0 28	7 50	1 48	11 13	0 34	3 41	1 7	22 18	2 42	16 12	16 10	18 8	18 18	4 34
S 6	16 34	17 52	4 38	19 13	1 32	21 59	0 18	6 8	0 1	22 3	0 28	7 47	1 48	11 13	0 34	3 42	1 7	22 17	2 42	16 12	16 11	18 9	18 17	4 34
S 7	16 18	19 20	4 1	18 43	1 37	21 52	0 15	6 23	0s 0	22 3	0 27	7 44	1 48	11 13	0 34	3 42	1 7	22 17	2 42	16 12	16 12	18 10	18 17	4 35
M 8	16 1	19 58	3 13	18 10	1 40	21 45	0 12	6 38	0 1	22 3	0 27	7 42	1 48	11 13	0 34	3 43	1 7	22 17	2 42	16 12	16 13	18 11	18 17	4 35
T 9	15 43	19 40	2 16	17 36	1 43	21 37	0 9	6 52	0 2	22 3	0 27	7 39	1 48	11 13	0 34	3 43	1 7	22 17	2 42	16 12	16 14	18 12	18 17	4 35
W10	15 26	18 27	1 12	17 0	1 44	21 28	0 6	7 7	0 3	22 3	0 27	7 36	1 48	11 13	0 34	3 44	1 7	22 16	2 42	16 12	16 15	18 13	18 17	4 36
T 11	15 8	16 19	0 3	16 22	1 45	21 19	0 3	7 22	0 3	22 3	0 27	7 34	1 48	11 13	0 34	3 44	1 7	22 16	2 42	16 12	16 16	18 14	18 17	4 36
F 12	14 50	13 21	1s 7	15 43	1 46	21 9	0 1	7 37	0 4	22 4	0 26	7 31	1 48	11 13	0 34	3 45	1 7	22 16	2 43	16 12	16 17	18 16	18 17	4 37
S 13	14 32	9 42	2 15	15 3	1 45	20 58	0n 2	7 51	0 5	22 4	0 26	7 28	1 48	11 13	0 34	3 45	1 7	22 15	2 43	16 12	16 18	18 17	18 17	4 37
S 14	14 14	5 31	3 17	14 22	1 44	20 47	0 5	8 6	0 6	22 4	0 26	7 25	1 48	11 12	0 35	3 46	1 7	22 15	2 43	16 12	16 19	18 18	18 17	4 37
M15	13 55	1 0	4 9	13 40	1 43	20 36	0 8	8 21	0 7	22 4	0 26	7 23	1 48	11 12	0 35	3 46	1 7	22 15	2 43	16 12	16 20	18 19	18 17	4 38
T 16	13 36	3n38	4 48	12 57	1 41	20 23	0 10	8 36	0 8	22 5	0 26	7 20	1 48	11 12	0 35	3 47	1 7	22 15	2 43	16 12	16 21	18 20	18 16	4 38
W17	13 17	8 8	5 11	12 13	1 38	20 10	0 13	8 50	0 8	22 5	0 26	7 17	1 48	11 12	0 35	3 48	1 7	22 14	2 43	16 13	16 22	18 21	18 16	4 38
T 18	12 58	12 16	5 16	11 29	1 35	19 57	0 16	9 5	0 9	22 5	0 25	7 14	1 48	11 12	0 35	3 48	1 7	22 14	2 43	16 13	16 22	18 22	18 16	4 39
F 19	12 38	15 44	5 2	10 44	1 31	19 43	0 18	9 19	0 10	22 6	0 25	7 11	1 48	11 11	0 35	3 49	1 7	22 14	2 43	16 13	16 23	18 23	18 16	4 39
S 20	12 19	18 18	4 30	9 59	1 27	19 28	0 21	9 34	0 11	22 6	0 25	7 8	1 48	11 11	0 35	3 49	1 7	22 14	2 43	16 13	16 24	18 25	18 16	4 40
S 21	11 59	19 44	3 40	9 14	1 23	19 13	0 23	9 49	0 11	22 7	0 25	7 6	1 48	11 11	0 35	3 50	1 7	22 13	2 43	16 12	16 25	18 26	18 16	4 40
M22	11 39	19 53	2 37	8 28	1 18	18 57	0 26	10 3	0 12	22 7	0 25	7 3	1 48	11 10	0 35	3 50	1 7	22 13	2 43	16 12	16 26	18 27	18 15	4 40
T 23	11 18	18 45	1 24	7 42	1 12	18 41	0 28	10 18	0 13	22 7	0 24	7 0	1 48	11 10	0 35	3 51	1 7	22 13	2 44	16 12	16 27	18 28	18 15	4 41
W24	10 58	16 26	0 6	6 57	1 7	18 24	0 31	10 32	0 14	22 8	0 24	6 57	1 48	11 10	0 35	3 52	1 7	22 13	2 44	16 12	16 28	18 29	18 15	4 41
T 25	10 37	13 10	1n10	6 11	1 1	18 7	0 33	10 47	0 15	22 8	0 24	6 54	1 48	11 10	0 35	3 52	1 7	22 12	2 44	16 12	16 29	18 30	18 15	4 42
F 26	10 16	9 13	2 22	5 25	0 55	17 49	0 36	11 1	0 15	22 9	0 24	6 51	1 48	11 9	0 35	3 53	1 7	22 12	2 44	16 12	16 30	18 31	18 14	4 42
S 27	9 55	4 54	3 23	4 39	0 48	17 31	0 38	11 15	0 16	22 9	0 24	6 48	1 48	11 9	0 35	3 54	1 7	22 12	2 44	16 13	16 31	18 32	18 14	4 42
S 28	9 34	0 27	4 13	3 54	0 41	17 12	0 40	11 30	0 17	22 10	0 23	6 46	1 48	11 8	0 35	3 54	1 7	22 12	2 44	16 14	16 32	18 33	18 14	4 43
M29	9 13	3s55	4 48	3 8	0 34	16 53	0 43	11 44	0 18	22 10	0 23	6 43	1 48	11 8	0 35	3 55	1 7	22 11	2 44	16 15	16 33	18 34	18 14	4 43
T 30	8 52	8 0	5 9	2 23	0 27	16 33	0 45	11 58	0 18	22 11	0 23	6 40	1 48	11 8	0 35	3 55	1 7	22 11	2 44	16 15	16 34	18 36	18 13	4 44
W31	8n30	11s40	5n14	1n38	0n20	16n13	0n47	12s13	0s19	22s11	0n23	6n37	1n48	11n 7	0s35	3s56	1s 7	22n11	2n44	16n16	16n34	18s37	18n13	4s44

Julian Day Number = 2519327.5, Delta T = 149.56 sec
Ecliptic obliquity = 23°24'48, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°20'01, Lahiri = 26°27'02

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2185
geocentric

SEPTEMBER 2185 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 42 37	9♍ 7'31	28♏20	28♍12	19♌ 5	1♏57	15♐ 4	17♍33	0°R34	22°R39	2♌48	15°R 8	14♌ 4	18♐ 5	18♊48	T 1
F 2	22 46 34	10° 5'31	10♐15	29°46	20°18	2°36	15° 8	17°41	0♉32	22♓38	2°50	15°D 8	14° 1	18°12	18°50	F 2
S 3	22 50 31	11° 3'32	22° 7	1♎18	21°32	3°15	15°12	17°48	0°31	22°36	2°51	15♌ 8	13°58	18°18	18°51	S 3
S 4	22 54 27	12° 1'35	4♑ 0	2°48	22°46	3°54	15°16	17°56	0°30	22°34	2°53	15°10	13°55	18°25	18°53	S 4
M 5	22 58 24	12°59'39	16° 0	4°18	23°59	4°33	15°21	18° 3	0°28	22°33	2°54	15°12	13°51	18°32	18°54	M 5
T 6	23 2 20	13°57'44	28°10	5°46	25°13	5°12	15°25	18°11	0°27	22°31	2°55	15°13	13°48	18°39	18°56	T 6
W 7	23 6 17	14°55'51	10♒35	7°13	26°27	5°52	15°30	18°18	0°26	22°30	2°57	15°R14	13°45	18°45	18°57	W 7
T 8	23 10 13	15°53'59	23°16	8°38	27°41	6°31	15°35	18°26	0°24	22°28	2°58	15°14	13°42	18°52	18°58	T 8
F 9	23 14 10	16°52'09	6♓17	10° 2	28°55	7°11	15°40	18°34	0°22	22°26	2°59	15°12	13°39	18°59	19° 0	F 9
S 10	23 18 6	17°50'21	19°36	11°25	0♍ 8	7°51	15°45	18°41	0°21	22°25	3° 0	15° 9	13°35	19° 5	19° 1	S 10
S 11	23 22 3	18°48'34	3♈12	12°46	1°22	8°30	15°51	18°49	0°19	22°23	3° 2	15° 5	13°32	19°12	19° 2	S 11
M12	23 26 0	19°46'50	17° 4	14° 6	2°36	9°10	15°56	18°56	0°18	22°21	3° 3	14°59	13°29	19°19	19° 3	M12
T 13	23 29 56	20°45'07	1♉ 8	15°24	3°50	9°50	16° 2	19° 4	0°16	22°20	3° 4	14°54	13°26	19°25	19° 4	T 13
W14	23 33 53	21°43'26	15°18	16°41	5° 4	10°30	16° 8	19°11	0°14	22°18	3° 5	14°49	13°23	19°32	19° 5	W14
T 15	23 37 49	22°41'47	29°33	17°56	6°19	11°10	16°14	19°19	0°12	22°16	3° 6	14°46	13°20	19°39	19° 5	T 15
F 16	23 41 46	23°40'10	13♊47	19°10	7°33	11°50	16°20	19°26	0°11	22°15	3° 8	14°44	13°16	19°46	19° 6	F 16
S 17	23 45 42	24°38'36	27°58	20°21	8°47	12°31	16°26	19°34	0° 9	22°13	3° 9	14°D43	13°13	19°52	19° 7	S 17
S 18	23 49 39	25°37'04	12♋ 5	21°31	10° 1	13°11	16°33	19°41	0° 7	22°11	3°10	14°44	13°10	19°59	19° 7	S 18
M19	23 53 35	26°35'34	26° 6	22°39	11°15	13°51	16°39	19°49	0° 5	22°10	3°11	14°45	13° 7	20° 6	19° 8	M19
T 20	23 57 32	27°34'06	10♌ 0	23°45	12°30	14°32	16°46	19°56	0° 3	22° 8	3°12	14°R46	13° 4	20°12	19° 8	T 20
W21	0 1 29	28°32'40	23°45	24°49	13°44	15°12	16°53	20° 4	0° 1	22° 6	3°13	14°46	13° 1	20°19	19° 9	W21
T 22	0 5 25	29°31'16	7♍21	25°50	14°58	15°53	17° 0	20°11	29♈59	22° 5	3°14	14°44	12°57	20°26	19° 9	T 22
F 23	0 9 22	0♎29'54	20°45	26°49	16°13	16°34	17° 7	20°19	29°57	22° 3	3°15	14°40	12°54	20°32	19° 9	F 23
S 24	0 13 18	1°28'35	3♎56	27°46	17°27	17°15	17°15	20°26	29°55	22° 2	3°16	14°33	12°51	20°39	19° 9	S 24
S 25	0 17 15	2°27'17	16°53	28°39	18°41	17°56	17°22	20°34	29°53	22° 0	3°17	14°25	12°48	20°46	19°R 9	S 25
M26	0 21 11	3°26'01	29°34	29°29	19°56	18°37	17°30	20°41	29°51	21°58	3°18	14°16	12°45	20°52	19° 9	M26
T 27	0 25 8	4°24'46	12♏ 1	0♏16	21°10	19°18	17°38	20°49	29°49	21°57	3°19	14° 7	12°41	20°59	19° 9	T 27
W28	0 29 4	5°23'34	24°13	1° 0	22°25	19°59	17°46	20°56	29°47	21°55	3°20	13°59	12°38	21° 6	19° 9	W28
T 29	0 33 1	6°22'24	6♐15	1°39	23°40	20°40	17°54	21° 3	29°44	21°53	3°21	13°53	12°35	21°13	19° 9	T 29
F 30	0 36 57	7♎21'15	18♐ 9	2♏14	24♍54	21♏22	18♐ 2	21♍11	29♈42	21♓52	3♌22	13♌49	12♌32	21♐19	19♊ 8	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n 8	14s47	5n 6	0n54	0n12	15n52	0n49	12s27	0s20	22s12	0n23	6n34	1n48	11n 7	0s35	3s57	1s 8	22n11	2n45	16n17	16n35	18s38	18n13	4s45
F 2	7 47	17 16	4 45	0 10	0 4	15 31	0 51	12 41	0 20	22 13	0 23	6 31	1 48	11 6	0 35	3 57	1 8	22 11	2 45	16 17	16 36	18 39	18 13	4 45
S 3	7 25	19 0	4 11	0s34	0s 3	15 9	0 53	12 55	0 21	22 13	0 22	6 28	1 48	11 6	0 35	3 58	1 8	22 10	2 45	16 17	16 37	18 40	18 12	4 45
S 4	7 3	19 54	3 27	1 17	0 11	14 47	0 55	13 9	0 22	22 14	0 22	6 25	1 48	11 5	0 35	3 59	1 8	22 10	2 45	16 16	16 38	18 41	18 12	4 46
M 5	6 40	19 55	2 34	2 0	0 19	14 25	0 57	13 23	0 23	22 15	0 22	6 22	1 48	11 5	0 35	3 59	1 8	22 10	2 45	16 16	16 39	18 42	18 12	4 46
T 6	6 18	19 0	1 32	2 43	0 28	14 2	0 59	13 37	0 23	22 15	0 22	6 19	1 48	11 4	0 35	4 0	1 8	22 10	2 45	16 15	16 40	18 43	18 11	4 47
W 7	5 56	17 9	0 26	3 25	0 36	13 38	1 1	13 50	0 24	22 16	0 22	6 17	1 48	11 4	0 35	4 1	1 8	22 9	2 45	16 15	16 41	18 44	18 11	4 47
T 8	5 33	14 26	0s44	4 6	0 44	13 15	1 3	14 4	0 25	22 17	0 22	6 14	1 48	11 3	0 35	4 1	1 8	22 9	2 45	16 15	16 42	18 45	18 11	4 48
F 9	5 11	10 57	1 53	4 47	0 53	12 51	1 4	14 18	0 25	22 17	0 21	6 11	1 48	11 3	0 35	4 2	1 8	22 9	2 45	16 16	16 43	18 46	18 10	4 48
S 10	4 48	6 49	2 57	5 27	1 1	12 26	1 6	14 31	0 26	22 18	0 21	6 8	1 48	11 2	0 35	4 3	1 8	22 9	2 46	16 16	16 44	18 47	18 10	4 48
S 11	4 25	2 17	3 52	6 6	1 9	12 2	1 8	14 45	0 27	22 19	0 21	6 5	1 48	11 2	0 35	4 3	1 8	22 9	2 46	16 18	16 44	18 48	18 10	4 49
M12	4 3	2n28	4 35	6 45	1 18	11 37	1 9	14 58	0 27	22 20	0 21	6 2	1 48	11 1	0 35	4 4	1 8	22 9	2 46	16 19	16 45	18 49	18 9	4 49
T 13	3 40	7 8	5 2	7 23	1 26	11 11	1 11	15 11	0 28	22 20	0 21	5 59	1 48	11 0	0 35	4 5	1 8	22 8	2 46	16 21	16 46	18 50	18 9	4 50
W14	3 17	11 27	5 11	8 0	1 34	10 46	1 12	15 25	0 29	22 21	0 21	5 56	1 48	11 0	0 35	4 5	1 8	22 8	2 46	16 22	16 47	18 51	18 9	4 50
T 15	2 54	15 8	5 0	8 37	1 43	10 20	1 13	15 38	0 29	22 22	0 20	5 53	1 48	10 59	0 35	4 6	1 8	22 8	2 46	16 23	16 48	18 52	18 8	4 51
F 16	2 31	17 56	4 32	9 12	1 51	9 53	1 15	15 51	0 30	22 23	0 20	5 50	1 49	10 58	0 35	4 7	1 8	22 8	2 46	16 24	16 49	18 53	18 8	4 51
S 17	2 8	19 37	3 47	9 47	1 59	9 27	1 16	16 4	0 31	22 24	0 20	5 48	1 49	10 58	0 35	4 7	1 8	22 8	2 46	16 24	16 50	18 54	18 7	4 52
S 18	1 44	20 5	2 48	10 21	2 7	9 0	1 17	16 16	0 31	22 24	0 20	5 45	1 49	10 57	0 35	4 8	1 8	22 8	2 46	16 24	16 51	18 55	18 7	4 52
M19	1 21	19 17	1 40	10 54	2 15	8 33	1 18	16 29	0 32	22 25	0 20	5 42	1 49	10 56	0 35	4 9	1 8	22 8	2 47	16 23	16 52	18 56	18 7	4 52
T 20	0 58	17 18	0 26	11 25	2 23	8 5	1 19	16 42	0 32	22 26	0 20	5 39	1 49	10 56	0 35	4 9	1 8	22 7	2 47	16 23	16 53	18 57	18 6	4 53
W21	0 35	14 21	0n48	11 56	2 30	7 38	1 20	16 54	0 33	22 27	0 19	5 36	1 49	10 55	0 35	4 10	1 8	22 7	2 47	16 23	16 54	18 58	18 6	4 53
T 22	0 11	10 39	1 59	12 25	2 38	7 10	1 21	17 7	0 34	22 28	0 19	5 33	1 49	10 54	0 35	4 11	1 8	22 7	2 47	16 24	16 54	18 59	18 5	4 54
F 23	0s12	6 27	3 2	12 54	2 45	6 42	1 22	17 19	0 34	22 28	0 19	5 30	1 49	10 54	0 35	4 11	1 8	22 7	2 47	16 25	16 55	19 0	18 5	4 54
S 24	0 35	2 1	3 54	13 20	2 52	6 14	1 23	17 31	0 35	22 29	0 19	5 27	1 49	10 53	0 35	4 12	1 8	22 7	2 47	16 27	16 56	19 1	18 5	4 55
S 25	0 59	2s26	4 32	13 46	2 59	5 45	1 24	17 43	0 36	22 30	0 19	5 25	1 49	10 52	0 35	4 13	1 8	22 7	2 47	16 29	16 57	19 2	18 4	4 55
M26	1 22	6 41	4 57	14 10	3 5	5 17	1 24	17 55	0 36	22 31	0 19	5 22	1 49	10 51	0 35	4 13	1 8	22 7	2 47	16 32	16 58	19 3	18 4	4 56
T 27	1 45	10 33	5 6	14 32	3 11	4 48	1 25	18 7	0 37	22 32	0 18	5 19	1 49	10 51	0 35	4 14	1 8	22 7	2 48	16 34	16 59	19 4	18 3	4 56
W28	2 8	13 56	5 2	14 52	3 16	4 19	1 26	18 19	0 37	22 33	0 18	5 16	1 49	10 50	0 35	4 14	1 8	22 7	2 48	16 37	17 0	19 5	18 3	4 56
T 29	2 32	16 40	4 44	15 11	3 21	3 50	1 26	18 31	0 38	22 34	0 18	5 13	1 50	10 49	0 35	4 15	1 8	22 6	2 48	16 39	17 1	19 6	18 2	4 57
F 30	2s55	18s40	4n14	15s27	3s26	3n21	1n26	18s42	0s38	22s35	0n18	5n10	1n50	10n48	0s35	4s16	1s 8	22n 6	2n48	16n40	17n 2	19s 7	18n 2	4s57

Julian Day Number = 2519358.5, Delta T = 149.63 sec
Ecliptic obliquity = 23°24'48, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°20'06, Lahiri = 26°27'06

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2185
geocentric

OCTOBER 2185 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 40 54	8♎20'08	29♐59	2♏45	26♍ 9	22♏ 3	18♐10	21♍18	29°R40	21°R50	3♌22	13°R46	12♌29	21♐26	19°R 8	S 1
S 2	0 44 51	9°19'03	11♑51	3°10	27°23	22°45	18°18	21°25	29♈38	21♓49	3°23	13°D46	12°26	21°33	19♊ 8	S 2
M 3	0 48 47	10°17'59	23°49	3°31	28°38	23°26	18°27	21°33	29°36	21°47	3°24	13♌47	12°22	21°39	19° 7	M 3
T 4	0 52 44	11°16'57	5♒59	3°45	29°53	24° 8	18°36	21°40	29°33	21°46	3°25	13°48	12°19	21°46	19° 7	T 4
W 5	0 56 40	12°15'57	18°26	3°53	1♎ 7	24°50	18°44	21°47	29°31	21°44	3°26	13°R48	12°16	21°53	19° 6	W 5
T 6	1 0 37	13°14'59	1♓14	3°R55	2°22	25°32	18°53	21°54	29°29	21°43	3°26	13°46	12°13	21°59	19° 5	T 6
F 7	1 4 33	14°14'03	14°25	3°49	3°37	26°13	19° 2	22° 1	29°26	21°41	3°27	13°43	12°10	22° 6	19° 4	F 7
S 8	1 8 30	15°13'08	28° 1	3°36	4°52	26°55	19°11	22° 9	29°24	21°40	3°28	13°36	12° 6	22°13	19° 4	S 8
S 9	1 12 26	16°12'15	12♈ 0	3°15	6° 7	27°38	19°21	22°16	29°22	21°38	3°28	13°28	12° 3	22°19	19° 3	S 9
M10	1 16 23	17°11'25	26°19	2°46	7°21	28°20	19°30	22°23	29°19	21°37	3°29	13°18	12° 0	22°26	19° 2	M10
T 11	1 20 20	18°10'36	10♉51	2° 9	8°36	29° 2	19°40	22°30	29°17	21°35	3°30	13° 8	11°57	22°33	19° 0	T 11
W12	1 24 16	19° 9'50	25°29	1°24	9°51	29°44	19°49	22°37	29°14	21°34	3°30	12°58	11°54	22°40	18°59	W12
T 13	1 28 13	20° 9'06	10♊ 6	0°32	11° 6	0♐26	19°59	22°44	29°12	21°32	3°31	12°51	11°51	22°46	18°58	T 13
F 14	1 32 9	21° 8'24	24°35	29♎33	12°21	1° 9	20° 9	22°51	29°10	21°31	3°31	12°46	11°47	22°53	18°57	F 14
S 15	1 36 6	22° 7'44	8♋54	28°28	13°36	1°51	20°19	22°58	29° 7	21°30	3°32	12°43	11°44	23° 0	18°55	S 15
S 16	1 40 2	23° 7'07	22°59	27°18	14°51	2°34	20°29	23° 5	29° 5	21°28	3°32	12°D43	11°41	23° 6	18°54	S 16
M17	1 43 59	24° 6'33	6♌49	26° 6	16° 6	3°17	20°39	23°12	29° 2	21°27	3°33	12°R43	11°38	23°13	18°53	M17
T 18	1 47 55	25° 6'00	20°26	24°53	17°21	3°59	20°49	23°18	29° 0	21°26	3°33	12°43	11°35	23°20	18°51	T 18
W19	1 51 52	26° 5'30	3♍51	23°42	18°36	4°42	20°59	23°25	28°58	21°24	3°34	12°41	11°32	23°26	18°49	W19
T 20	1 55 49	27° 5'02	17° 3	22°33	19°51	5°25	21°10	23°32	28°55	21°23	3°34	12°37	11°28	23°33	18°48	T 20
F 21	1 59 45	28° 4'36	0♎ 5	21°30	21° 6	6° 8	21°20	23°39	28°53	21°22	3°34	12°30	11°25	23°40	18°46	F 21
S 22	2 3 42	29° 4'12	12°55	20°34	22°21	6°51	21°31	23°45	28°50	21°21	3°35	12°20	11°22	23°46	18°44	S 22
S 23	2 7 38	0♏ 3'51	25°35	19°47	23°36	7°34	21°42	23°52	28°48	21°19	3°35	12° 7	11°19	23°53	18°42	S 23
M24	2 11 35	1° 3'31	8♏ 3	19° 9	24°51	8°18	21°52	23°58	28°45	21°18	3°35	11°54	11°16	24° 0	18°40	M24
T 25	2 15 31	2° 3'14	20°20	18°43	26° 6	9° 1	22° 3	24° 5	28°43	21°17	3°35	11°40	11°12	24° 6	18°38	T 25
W26	2 19 28	3° 2'58	2♐26	18°28	27°22	9°44	22°14	24°11	28°40	21°16	3°36	11°27	11° 9	24°13	18°36	W26
T 27	2 23 24	4° 2'44	14°24	18°D24	28°37	10°28	22°25	24°18	28°38	21°15	3°36	11°16	11° 6	24°20	18°34	T 27
F 28	2 27 21	5° 2'32	26°15	18°31	29°52	11°11	22°37	24°24	28°35	21°14	3°36	11° 8	11° 3	24°27	18°32	F 28
S 29	2 31 18	6° 2'22	8♑ 2	18°49	1♏ 7	11°55	22°48	24°30	28°33	21°13	3°36	11° 3	11° 0	24°33	18°30	S 29
S 30	2 35 14	7° 2'14	19°52	19°17	2°22	12°38	22°59	24°37	28°31	21°12	3°36	11° 0	10°57	24°40	18°27	S 30
M31	2 39 11	8♏ 2'07	1♒47	19♎54	3♏37	13♐22	23♐11	24♍43	28♈28	21♓11	3♌37	10♌59	10♌53	24♐47	18♊25	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	3s18	19s52	3n33	15s42	3s30	2n51	1n27	18s53	0s39	22s35	0n18	5n 8	1n50	10n48	0s35	4s16	1s 8	22n 6	2n48	16n40	17n 2	19s 8	18n 1	4s58	S 1
S 2	3 41	20 11	2 43	15 53	3 33	2 22	1 27	19 5	0 40	22 36	0 18	5 5	1 50	10 47	0 35	4 17	1 8	22 6	2 48	16 41	17 3	19 9	18 1	4 58	S 2
M 3	4 4	19 35	1 45	16 3	3 35	1 53	1 27	19 16	0 40	22 37	0 18	5 2	1 50	10 46	0 35	4 18	1 8	22 6	2 48	16 40	17 4	19 10	18 0	4 59	M 3
T 4	4 28	18 5	0 42	16 9	3 37	1 23	1 27	19 27	0 41	22 38	0 17	4 59	1 50	10 45	0 35	4 18	1 8	22 6	2 49	16 40	17 5	19 11	18 0	4 59	T 4
W 5	4 51	15 41	0s25	16 12	3 37	0 53	1 27	19 37	0 41	22 39	0 17	4 57	1 50	10 44	0 35	4 19	1 8	22 6	2 49	16 40	17 6	19 12	17 59	5 0	W 5
T 6	5 14	12 27	1 32	16 12	3 37	0 24	1 27	19 48	0 42	22 40	0 17	4 54	1 50	10 44	0 35	4 19	1 8	22 6	2 49	16 40	17 7	19 13	17 59	5 0	T 6
F 7	5 36	8 31	2 36	16 9	3 35	0s 6	1 27	19 58	0 42	22 41	0 17	4 51	1 50	10 43	0 35	4 20	1 8	22 6	2 49	16 42	17 8	19 14	17 58	5 0	F 7
S 8	5 59	4 3	3 33	16 1	3 32	0 36	1 27	20 9	0 43	22 42	0 17	4 48	1 51	10 42	0 35	4 20	1 8	22 6	2 49	16 43	17 9	19 15	17 58	5 1	S 8
S 9	6 22	0n46	4 19	15 50	3 27	1 6	1 27	20 19	0 43	22 43	0 17	4 46	1 51	10 41	0 35	4 21	1 8	22 6	2 49	16 46	17 10	19 16	17 57	5 1	S 9
M10	6 45	5 38	4 50	15 34	3 21	1 35	1 27	20 29	0 44	22 43	0 17	4 43	1 51	10 40	0 35	4 22	1 8	22 6	2 49	16 49	17 10	19 17	17 57	5 2	M10
T 11	7 7	10 16	5 3	15 14	3 13	2 5	1 26	20 39	0 44	22 44	0 16	4 40	1 51	10 39	0 35	4 22	1 8	22 6	2 49	16 51	17 11	19 18	17 56	5 2	T 11
W12	7 30	14 19	4 56	14 49	3 3	2 35	1 26	20 48	0 45	22 45	0 16	4 38	1 51	10 39	0 35	4 23	1 8	22 6	2 50	16 54	17 12	19 19	17 56	5 3	W12
T 13	7 52	17 29	4 30	14 20	2 52	3 5	1 26	20 58	0 46	22 46	0 16	4 35	1 51	10 38	0 35	4 23	1 8	22 6	2 50	16 56	17 13	19 20	17 55	5 3	T 13
F 14	8 14	19 32	3 46	13 46	2 38	3 34	1 25	21 7	0 46	22 47	0 16	4 32	1 51	10 37	0 35	4 24	1 8	22 6	2 50	16 58	17 14	19 21	17 55	5 3	F 14
S 15	8 37	20 18	2 49	13 9	2 23	4 4	1 24	21 16	0 47	22 48	0 16	4 30	1 51	10 36	0 35	4 24	1 8	22 6	2 50	16 58	17 15	19 22	17 54	5 4	S 15
S 16	8 59	19 46	1 43	12 28	2 6	4 33	1 24	21 25	0 47	22 49	0 16	4 27	1 52	10 35	0 35	4 25	1 8	22 6	2 50	16 59	17 16	19 23	17 54	5 4	S 16
M17	9 20	18 3	0 31	11 45	1 48	5 3	1 23	21 34	0 47	22 49	0 16	4 25	1 52	10 34	0 35	4 25	1 8	22 6	2 50	16 59	17 17	19 23	17 53	5 5	M17
T 18	9 42	15 18	0n41	11 0	1 29	5 32	1 22	21 43	0 48	22 50	0 15	4 22	1 52	10 33	0 35	4 26	1 8	22 6	2 50	16 59	17 18	19 24	17 53	5 5	T 18
W19	10 4	11 47	1 50	10 15	1 9	6 2	1 21	21 51	0 48	22 51	0 15	4 19	1 52	10 33	0 35	4 26	1 8	22 6	2 51	16 59	17 18	19 25	17 52	5 6	W19
T 20	10 25	7 44	2 51	9 30	0 48	6 31	1 20	21 59	0 49	22 52	0 15	4 17	1 52	10 32	0 35	4 27	1 8	22 6	2 51	17 0	17 19	19 26	17 52	5 6	T 20
F 21	10 47	3 23	3 43	8 48	0 27	7 0	1 20	22 7	0 49	22 53	0 15	4 14	1 52	10 31	0 35	4 27	1 8	22 6	2 51	17 2	17 20	19 27	17 51	5 6	F 21
S 22	11 8	1s 4	4 22	8 8	0 7	7 29	1 19	22 15	0 50	22 54	0 15	4 12	1 52	10 30	0 35	4 28	1 8	22 6	2 51	17 5	17 21	19 28	17 51	5 7	S 22
S 23	11 29	5 24	4 48	7 32	0n12	7 57	1 17	22 23	0 50	22 54	0 15	4 10	1 53	10 29	0 35	4 28	1 8	22 6	2 51	17 9	17 22	19 29	17 50	5 7	S 23
M24	11 50	9 27	4 59	7 1	0 31	8 26	1 16	22 30	0 51	22 55	0 15	4 7	1 53	10 28	0 35	4 29	1 8	22 6	2 51	17 12	17 23	19 30	17 49	5 7	M24
T 25	12 10	13 2	4 57	6 35	0 48	8 54	1 15	22 37	0 51	22 56	0 15	4 5	1 53	10 27	0 35	4 29	1 7	22 6	2 51	17 16	17 24	19 31	17 49	5 8	T 25
W26	12 31	16 2	4 41	6 15	1 3	9 22	1 14	22 44	0 52	22 57	0 14	4 2	1 53	10 27	0 35	4 30	1 7	22 7	2 52	17 20	17 25	19 32	17 48	5 8	W26
T 27	12 51	18 20	4 12	6 1	1 17	9 50	1 13	22 51	0 52	22 58	0 14	4 0	1 53	10 26	0 35	4 30	1 7	22 7	2 52	17 23	17 25	19 33	17 48	5 9	T 27
F 28	13 11	19 49	3 33	5 52	1 30	10 18	1 11	22 58	0 53	22 58	0 14	3 57	1 53	10 25	0 35	4 30	1 7	22 7	2 52	17 25	17 26	19 33	17 47	5 9	F 28
S 29	13 31	20 26	2 45	5 49	1 40	10 46	1 10	23 4	0 53	22 59	0 14	3 55	1 54	10 24	0 35	4 31	1 7	22 7	2 52	17 26	17 27	19 34	17 47	5 9	S 29
S 30	13 51	20 9	1 49	5 52	1 49	11 13	1 8	23 10	0 53	23 0	0 14	3 53	1 54	10 23	0 35	4 31	1 7	22 7	2 52	17 27	17 28	19 35	17 46	5 10	S 30
M31	14s10	18s57	0n49	5s59	1n56	11s40	1n 7	23s16	0s54	23s 0	0n14	3n51	1n54	10n22	0s35	4s32	1s 7	22n 7	2n52	17n27	17n29	19s36	17n46	5s10	M31

Julian Day Number = 2519388.5, Delta T = 149.71 sec
Ecliptic obliquity = 23°24'49, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°20'10, Lahiri = 26°27'10

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2185
geocentric

NOVEMBER 2185 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 43 7	9♏ 2'02	13♒54	20♎40	4♏53	14♐ 6	23♐22	24♍49	28°R26	21°R10	3♌37	10°R59	10♌50	24♐53	18°R23	T 1
W 2	2 47 4	10° 1'58	26°18	21°33	6° 8	14°49	23°34	24°55	28♈23	21♓ 9	3°37	10♌59	10°47	25° 0	18♊20	W 2
T 3	2 51 0	11° 1'56	9♓ 4	22°33	7°23	15°33	23°45	25° 1	28°21	21° 8	3°R37	10°57	10°44	25° 7	18°18	T 3
F 4	2 54 57	12° 1'56	22°16	23°39	8°38	16°17	23°57	25° 7	28°19	21° 7	3°37	10°52	10°41	25°13	18°15	F 4
S 5	2 58 53	13° 1'57	5♈58	24°50	9°54	17° 1	24° 9	25°13	28°16	21° 6	3°37	10°45	10°38	25°20	18°12	S 5
S 6	3 2 50	14° 2'00	20° 7	26° 5	11° 9	17°45	24°21	25°19	28°14	21° 5	3°37	10°36	10°34	25°27	18°10	S 6
M 7	3 6 47	15° 2'05	4♉42	27°24	12°24	18°30	24°33	25°24	28°12	21° 4	3°36	10°25	10°31	25°33	18° 7	M 7
T 8	3 10 43	16° 2'11	19°35	28°47	13°39	19°14	24°45	25°30	28° 9	21° 3	3°36	10°13	10°28	25°40	18° 4	T 8
W 9	3 14 40	17° 2'20	4♊38	0♏12	14°55	19°58	24°57	25°36	28° 7	21° 3	3°36	10° 2	10°25	25°47	18° 1	W 9
T 10	3 18 36	18° 2'30	19°40	1°39	16°10	20°42	25° 9	25°41	28° 5	21° 2	3°36	9°53	10°22	25°53	17°58	T 10
F 11	3 22 33	19° 2'42	4♋32	3° 8	17°25	21°27	25°21	25°47	28° 3	21° 1	3°36	9°46	10°18	26° 0	17°55	F 11
S 12	3 26 29	20° 2'57	19° 8	4°39	18°41	22°11	25°33	25°52	28° 0	21° 1	3°36	9°43	10°15	26° 7	17°53	S 12
S 13	3 30 26	21° 3'13	3♌24	6°11	19°56	22°56	25°46	25°58	27°58	21° 0	3°35	9°42	10°12	26°13	17°50	S 13
M14	3 34 22	22° 3'31	17°17	7°44	21°11	23°40	25°58	26° 3	27°56	20°59	3°35	9°42	10° 9	26°20	17°46	M14
T 15	3 38 19	23° 3'51	0♍50	9°18	22°27	24°25	26°11	26° 8	27°54	20°59	3°35	9°42	10° 6	26°27	17°43	T 15
W16	3 42 16	24° 4'13	14° 5	10°52	23°42	25°10	26°23	26°13	27°52	20°58	3°35	9°40	10° 3	26°34	17°40	W16
T 17	3 46 12	25° 4'37	27° 3	12°27	24°57	25°55	26°36	26°18	27°50	20°58	3°34	9°36	9°59	26°40	17°37	T 17
F 18	3 50 9	26° 5'03	9♎47	14° 2	26°13	26°39	26°49	26°23	27°48	20°57	3°34	9°29	9°56	26°47	17°34	F 18
S 19	3 54 5	27° 5'31	22°20	15°37	27°28	27°24	27° 1	26°28	27°45	20°57	3°34	9°20	9°53	26°54	17°31	S 19
S 20	3 58 2	28° 6'01	4♏43	17°12	28°43	28° 9	27°14	26°33	27°43	20°56	3°33	9° 8	9°50	27° 0	17°27	S 20
M21	4 1 58	29° 6'32	16°57	18°48	29°59	28°54	27°27	26°38	27°41	20°56	3°33	8°55	9°47	27° 7	17°24	M21
T 22	4 5 55	0♐ 7'05	29° 2	20°24	1♐14	29°39	27°40	26°43	27°39	20°56	3°32	8°41	9°44	27°14	17°21	T 22
W23	4 9 51	1° 7'39	11♐ 1	21°59	2°29	0♑25	27°53	26°47	27°38	20°55	3°32	8°29	9°40	27°20	17°17	W23
T 24	4 13 48	2° 8'15	22°54	23°35	3°45	1°10	28° 6	26°52	27°36	20°55	3°31	8°18	9°37	27°27	17°14	T 24
F 25	4 17 45	3° 8'52	4♑43	25°10	5° 0	1°55	28°19	26°56	27°34	20°55	3°31	8°10	9°34	27°34	17°11	F 25
S 26	4 21 41	4° 9'31	16°30	26°45	6°16	2°40	28°32	27° 1	27°32	20°54	3°30	8° 5	9°31	27°40	17° 7	S 26
S 27	4 25 38	5°10'10	28°19	28°20	7°31	3°26	28°45	27° 5	27°30	20°54	3°30	8° 2	9°28	27°47	17° 4	S 27
M28	4 29 34	6°10'51	10♒13	29°56	8°46	4°11	28°58	27° 9	27°28	20°54	3°29	8°D 2	9°24	27°54	17° 0	M28
T 29	4 33 31	7°11'33	22°17	1♑31	10° 2	4°57	29°11	27°13	27°27	20°54	3°28	8° 2	9°21	28° 0	16°57	T 29
W30	4 37 27	8♑12'16	4♓38	3♑ 5	11♑17	5♑42	29♑24	27♍17	27♈25	20♓54	3♌28	8°R 3	9♌18	28♐ 7	16♊53	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s30	16s53	0s15	6s11	2n 2	12s 7	1n 5	23s22	0s54	23s 1	0n14	3n48	1n54	10n22	0s35	4s32	1s 7	22n 7	2n52	17n27	17n30	19s37	17n45	5s10
W 2	14 49	14 0	1 20	6 27	2 6	12 33	1 4	23 27	0 55	23 2	0 14	3 46	1 54	10 21	0 35	4 32	1 7	22 7	2 53	17 27	17 31	19 38	17 44	5 11
T 3	15 7	10 22	2 23	6 46	2 9	12 59	1 2	23 33	0 55	23 3	0 13	3 44	1 55	10 20	0 35	4 33	1 7	22 7	2 53	17 28	17 31	19 39	17 44	5 11
F 4	15 26	6 7	3 20	7 9	2 10	13 25	1 0	23 38	0 55	23 3	0 13	3 42	1 55	10 19	0 35	4 33	1 7	22 8	2 53	17 29	17 32	19 39	17 43	5 11
S 5	15 44	1 25	4 7	7 34	2 11	13 50	0 58	23 42	0 56	23 4	0 13	3 39	1 55	10 18	0 35	4 33	1 7	22 8	2 53	17 31	17 33	19 40	17 43	5 12
S 6	16 2	3n30	4 42	8 2	2 11	14 16	0 57	23 47	0 56	23 4	0 13	3 37	1 55	10 17	0 35	4 34	1 7	22 8	2 53	17 34	17 34	19 41	17 42	5 12
M 7	16 20	8 23	4 59	8 31	2 9	14 40	0 55	23 51	0 57	23 5	0 13	3 35	1 55	10 17	0 35	4 34	1 7	22 8	2 53	17 37	17 35	19 42	17 42	5 12
T 8	16 37	12 51	4 56	9 3	2 7	15 5	0 53	23 55	0 57	23 6	0 13	3 33	1 56	10 16	0 35	4 34	1 7	22 8	2 53	17 40	17 36	19 43	17 41	5 13
W 9	16 54	16 33	4 34	9 35	2 5	15 29	0 51	23 59	0 57	23 6	0 13	3 31	1 56	10 15	0 35	4 35	1 7	22 8	2 54	17 43	17 37	19 44	17 41	5 13
T 10	17 11	19 10	3 52	10 8	2 1	15 52	0 49	24 3	0 58	23 7	0 13	3 29	1 56	10 14	0 35	4 35	1 7	22 9	2 54	17 45	17 37	19 45	17 40	5 13
F 11	17 28	20 26	2 54	10 43	1 57	16 16	0 47	24 6	0 58	23 7	0 13	3 27	1 56	10 13	0 35	4 35	1 7	22 9	2 54	17 47	17 38	19 45	17 39	5 14
S 12	17 44	20 17	1 47	11 17	1 53	16 38	0 45	24 9	0 58	23 8	0 12	3 25	1 56	10 13	0 35	4 35	1 7	22 9	2 54	17 48	17 39	19 46	17 39	5 14
S 13	18 0	18 50	0 33	11 52	1 48	17 1	0 43	24 12	0 59	23 8	0 12	3 23	1 57	10 12	0 35	4 36	1 7	22 9	2 54	17 48	17 40	19 47	17 38	5 14
M14	18 16	16 16	0n40	12 27	1 43	17 23	0 41	24 15	0 59	23 9	0 12	3 21	1 57	10 11	0 35	4 36	1 7	22 9	2 54	17 48	17 41	19 48	17 38	5 15
T 15	18 31	12 52	1 50	13 3	1 37	17 44	0 39	24 17	0 59	23 9	0 12	3 19	1 57	10 10	0 35	4 36	1 7	22 9	2 54	17 48	17 42	19 49	17 37	5 15
W16	18 46	8 54	2 51	13 38	1 31	18 5	0 37	24 19	1 0	23 10	0 12	3 18	1 57	10 10	0 35	4 36	1 7	22 10	2 55	17 49	17 43	19 49	17 37	5 15
T 17	19 1	4 35	3 43	14 12	1 25	18 26	0 34	24 21	1 0	23 10	0 12	3 16	1 57	10 9	0 35	4 36	1 7	22 10	2 55	17 50	17 43	19 50	17 36	5 15
F 18	19 15	0 9	4 22	14 47	1 19	18 46	0 32	24 22	1 0	23 11	0 12	3 14	1 58	10 8	0 35	4 36	1 7	22 10	2 55	17 51	17 44	19 51	17 36	5 16
S 19	19 29	4s13	4 48	15 21	1 12	19 5	0 30	24 24	1 1	23 11	0 12	3 12	1 58	10 7	0 35	4 37	1 7	22 10	2 55	17 54	17 45	19 52	17 35	5 16
S 20	19 43	8 21	5 0	15 54	1 6	19 24	0 28	24 25	1 1	23 12	0 12	3 10	1 58	10 7	0 35	4 37	1 7	22 11	2 55	17 57	17 46	19 53	17 35	5 16
M21	19 56	12 6	4 58	16 27	0 59	19 43	0 26	24 26	1 1	23 12	0 11	3 9	1 58	10 6	0 35	4 37	1 7	22 11	2 55	18 1	17 47	19 53	17 34	5 16
T 22	20 9	15 19	4 43	16 59	0 52	20 0	0 23	24 26	1 1	23 12	0 11	3 7	1 59	10 5	0 35	4 37	1 7	22 11	2 55	18 4	17 48	19 54	17 34	5 17
W23	20 22	17 52	4 15	17 31	0 45	20 18	0 21	24 26	1 2	23 13	0 11	3 6	1 59	10 5	0 35	4 37	1 7	22 11	2 56	18 7	17 49	19 55	17 33	5 17
T 24	20 34	19 38	3 36	18 2	0 38	20 34	0 19	24 26	1 2	23 13	0 11	3 4	1 59	10 4	0 35	4 37	1 7	22 12	2 56	18 10	17 49	19 56	17 33	5 17
F 25	20 46	20 32	2 48	18 32	0 31	20 51	0 16	24 26	1 2	23 13	0 11	3 2	1 59	10 3	0 35	4 37	1 7	22 12	2 56	18 12	17 50	19 57	17 32	5 17
S 26	20 57	20 32	1 52	19 1	0 24	21 6	0 14	24 26	1 2	23 13	0 11	3 1	1 59	10 3	0 35	4 37	1 7	22 12	2 56	18 14	17 51	19 57	17 32	5 17
S 27	21 8	19 38	0 52	19 29	0 17	21 21	0 11	24 25	1 3	23 14	0 11	2 59	2 0	10 2	0 35	4 37	1 7	22 12	2 56	18 14	17 52	19 58	17 31	5 18
M28	21 19	17 51	0s12	19 56	0 11	21 35	0 9	24 24	1 3	23 14	0 11	2 58	2 0	10 2	0 35	4 37	1 7	22 13	2 56	18 14	17 53	19 59	17 31	5 18
T 29	21 29	15 16	1 16	20 23	0 4	21 49	0 7	24 22	1 3	23 14	0 11	2 57	2 0	10 1	0 35	4 37	1 7	22 13	2 56	18 14	17 54	20 0	17 30	5 18
W30	21s39	11s56	2s18	20s48	0s 3	22s 2	0n 4	24s21	1s 3	23s14	0n10	2n55	2n 0	10n 0	0s35	4s37	1s 7	22n13	2n57	18n14	17n54	20s 0	17n30	5s18

Julian Day Number = 2519419.5, Delta T = 149.78 sec
Ecliptic obliquity = 23°24'48, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°20'14, Lahiri = 26°27'14

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2185
geocentric

DECEMBER 2185 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 41 24	9♐13'00	17♓18	4♐40	12♐33	6♑28	29♐38	27♍21	27°R23	20°R54	3°R27	8°R 3	9♌15	28♐14	16°R50	T 1
F 2	4 45 20	10°13'45	0♈24	6°15	13°48	7°14	29°51	27°25	27♈22	20°D54	3♌26	8♌ 1	9°12	28°20	16♊46	F 2
S 3	4 49 17	11°14'31	13°59	7°49	15° 3	7°59	0♑ 4	27°29	27°20	20♓54	3°26	7°56	9° 9	28°27	16°43	S 3
S 4	4 53 14	12°15'18	28° 5	9°24	16°19	8°45	0°18	27°32	27°19	20°54	3°25	7°50	9° 5	28°34	16°39	S 4
M 5	4 57 10	13°16'06	12♉39	10°58	17°34	9°31	0°31	27°36	27°17	20°54	3°24	7°42	9° 2	28°40	16°36	M 5
T 6	5 1 7	14°16'55	27°36	12°32	18°50	10°17	0°44	27°39	27°16	20°54	3°23	7°33	8°59	28°47	16°32	T 6
W 7	5 5 3	15°17'45	12♊49	14° 7	20° 5	11° 3	0°58	27°43	27°14	20°54	3°23	7°25	8°56	28°54	16°29	W 7
T 8	5 9 0	16°18'36	28° 7	15°41	21°20	11°48	1°11	27°46	27°13	20°55	3°22	7°18	8°53	29° 0	16°25	T 8
F 9	5 12 56	17°19'28	13♋18	17°15	22°36	12°34	1°25	27°49	27°12	20°55	3°21	7°14	8°50	29° 7	16°21	F 9
S 10	5 16 53	18°20'22	28°14	18°49	23°51	13°20	1°39	27°52	27°10	20°55	3°20	7°11	8°46	29°14	16°18	S 10
S 11	5 20 49	19°21'16	12♌47	20°23	25° 7	14° 7	1°52	27°55	27° 9	20°55	3°19	7°D11	8°43	29°21	16°14	S 11
M12	5 24 46	20°22'12	26°54	21°58	26°22	14°53	2° 6	27°58	27° 8	20°56	3°18	7°12	8°40	29°27	16°11	M12
T 13	5 28 43	21°23'09	10♍36	23°32	27°38	15°39	2°19	28° 1	27° 7	20°56	3°17	7°13	8°37	29°34	16° 7	T 13
W14	5 32 39	22°24'07	23°53	25° 6	28°53	16°25	2°33	28° 4	27° 6	20°57	3°16	7°R14	8°34	29°41	16° 4	W14
T 15	5 36 36	23°25'06	6♎48	26°41	0♑ 8	17°11	2°47	28° 6	27° 5	20°57	3°15	7°13	8°30	29°47	16° 0	T 15
F 16	5 40 32	24°26'07	19°25	28°15	1°24	17°58	3° 0	28° 9	27° 3	20°57	3°14	7°10	8°27	29°54	15°57	F 16
S 17	5 44 29	25°27'08	1♏48	29°50	2°39	18°44	3°14	28°11	27° 3	20°58	3°13	7° 5	8°24	0♑ 1	15°53	S 17
S 18	5 48 25	26°28'11	13°59	1♑25	3°55	19°30	3°28	28°13	27° 2	20°58	3°12	6°58	8°21	0° 7	15°50	S 18
M19	5 52 22	27°29'14	26° 2	3° 0	5°10	20°17	3°41	28°15	27° 1	20°59	3°11	6°51	8°18	0°14	15°46	M19
T 20	5 56 18	28°30'18	7♐58	4°34	6°25	21° 3	3°55	28°17	27° 0	21° 0	3°10	6°43	8°15	0°21	15°43	T 20
W21	6 0 15	29°31'23	19°50	6°10	7°41	21°50	4° 9	28°19	26°59	21° 0	3° 9	6°36	8°11	0°27	15°39	W21
T 22	6 4 12	0♑32'29	1♑40	7°45	8°56	22°36	4°23	28°21	26°58	21° 1	3° 8	6°30	8° 8	0°34	15°36	T 22
F 23	6 8 8	1°33'35	13°29	9°20	10°12	23°23	4°36	28°23	26°58	21° 2	3° 7	6°25	8° 5	0°41	15°32	F 23
S 24	6 12 5	2°34'41	25°18	10°56	11°27	24°10	4°50	28°25	26°57	21° 2	3° 6	6°23	8° 2	0°47	15°29	S 24
S 25	6 16 1	3°35'48	7♒11	12°31	12°43	24°56	5° 4	28°26	26°57	21° 3	3° 5	6°D22	7°59	0°54	15°26	S 25
M26	6 19 58	4°36'56	19°10	14° 7	13°58	25°43	5°18	28°28	26°56	21° 4	3° 4	6°23	7°56	1° 1	15°22	M26
T 27	6 23 54	5°38'03	1♓19	15°43	15°13	26°30	5°32	28°29	26°56	21° 5	3° 3	6°24	7°52	1° 7	15°19	T 27
W28	6 27 51	6°39'11	13°41	17°18	16°29	27°17	5°45	28°30	26°55	21° 6	3° 1	6°26	7°49	1°14	15°16	W28
T 29	6 31 47	7°40'19	26°20	18°54	17°44	28° 3	5°59	28°31	26°55	21° 7	3° 0	6°28	7°46	1°21	15°12	T 29
F 30	6 35 44	8°41'26	9♈21	20°30	18°59	28°50	6°13	28°32	26°54	21° 8	2°59	6°R28	7°43	1°27	15° 9	F 30
S 31	6 39 41	9♑42'34	22♈46	22♑ 5	20♑15	29♑37	6♑27	28♍33	26♈54	21♓ 9	2♌58	6♌28	7♌40	1♑34	15♊ 6	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s49	8s 0	3s14	21s13	0s10	22s15	0n 2	24s19	1s 4	23s14	0n10	2n54	2n 1	10n 0	0s34	4s37	1s 7	22n13	2n57	18n14	17n55	20s 1	17n29	5s18
F 2	21 58	3 33	4 3	21 36	0 17	22 26	0s 0	24 17	1 4	23 15	0 10	2 53	2 1	9 59	0 34	4 37	1 7	22 14	2 57	18 15	17 56	20 2	17 29	5 18
S 3	22 6	1n12	4 40	21 58	0 23	22 37	0 3	24 14	1 4	23 15	0 10	2 51	2 1	9 59	0 34	4 37	1 7	22 14	2 57	18 16	17 57	20 3	17 28	5 18
S 4	22 14	6 5	5 2	22 20	0 30	22 48	0 5	24 12	1 4	23 15	0 10	2 50	2 1	9 58	0 34	4 37	1 6	22 14	2 57	18 17	17 58	20 3	17 28	5 19
M 5	22 22	10 46	5 5	22 40	0 36	22 58	0 8	24 9	1 5	23 15	0 10	2 49	2 2	9 58	0 34	4 37	1 6	22 15	2 57	18 20	17 59	20 4	17 27	5 19
T 6	22 29	14 56	4 48	22 59	0 43	23 7	0 10	24 5	1 5	23 15	0 10	2 48	2 2	9 57	0 34	4 37	1 6	22 15	2 57	18 22	18 0	20 5	17 27	5 19
W 7	22 36	18 11	4 10	23 16	0 49	23 15	0 12	24 2	1 5	23 15	0 10	2 47	2 2	9 57	0 34	4 37	1 6	22 15	2 57	18 24	18 0	20 6	17 26	5 19
T 8	22 43	20 10	3 14	23 33	0 55	23 23	0 15	23 58	1 5	23 15	0 10	2 46	2 2	9 56	0 34	4 37	1 6	22 16	2 58	18 26	18 1	20 6	17 26	5 19
F 9	22 49	20 40	2 5	23 49	1 1	23 30	0 17	23 54	1 5	23 15	0 10	2 45	2 3	9 56	0 34	4 37	1 6	22 16	2 58	18 27	18 2	20 7	17 25	5 19
S 10	22 54	19 42	0 48	24 3	1 6	23 36	0 20	23 50	1 5	23 15	0 9	2 44	2 3	9 55	0 34	4 37	1 6	22 16	2 58	18 27	18 3	20 8	17 25	5 19
S 11	22 59	17 26	0n30	24 16	1 12	23 41	0 22	23 45	1 6	23 15	0 9	2 43	2 3	9 55	0 34	4 37	1 6	22 17	2 58	18 27	18 4	20 9	17 24	5 19
M12	23 4	14 10	1 45	24 27	1 17	23 46	0 24	23 40	1 6	23 15	0 9	2 42	2 4	9 55	0 34	4 36	1 6	22 17	2 58	18 27	18 4	20 9	17 24	5 19
T 13	23 8	10 13	2 51	24 38	1 23	23 50	0 27	23 35	1 6	23 14	0 9	2 41	2 4	9 54	0 34	4 36	1 6	22 17	2 58	18 27	18 5	20 10	17 24	5 19
W14	23 12	5 53	3 46	24 47	1 28	23 53	0 29	23 30	1 6	23 14	0 9	2 40	2 4	9 54	0 34	4 36	1 6	22 18	2 58	18 27	18 6	20 11	17 23	5 20
T 15	23 15	1 24	4 27	24 55	1 33	23 56	0 31	23 24	1 6	23 14	0 9	2 39	2 4	9 53	0 34	4 36	1 6	22 18	2 58	18 27	18 7	20 11	17 23	5 20
F 16	23 18	3s 2	4 55	25 1	1 37	23 58	0 33	23 18	1 6	23 14	0 9	2 39	2 5	9 53	0 34	4 36	1 6	22 18	2 59	18 28	18 8	20 12	17 22	5 20
S 17	23 20	7 16	5 8	25 6	1 42	23 59	0 36	23 12	1 6	23 14	0 9	2 38	2 5	9 53	0 34	4 35	1 6	22 19	2 59	18 29	18 9	20 13	17 22	5 20
S 18	23 22	11 8	5 7	25 10	1 46	23 59	0 38	23 6	1 6	23 13	0 9	2 37	2 5	9 52	0 34	4 35	1 6	22 19	2 59	18 31	18 9	20 13	17 22	5 20
M19	23 23	14 30	4 53	25 12	1 50	23 59	0 40	22 59	1 7	23 13	0 9	2 37	2 5	9 52	0 34	4 35	1 6	22 19	2 59	18 32	18 10	20 14	17 21	5 20
T 20	23 24	17 15	4 25	25 13	1 53	23 58	0 42	22 52	1 7	23 13	0 8	2 36	2 6	9 52	0 34	4 35	1 6	22 20	2 59	18 34	18 11	20 15	17 21	5 20
W21	23 25	19 16	3 46	25 13	1 57	23 56	0 44	22 45	1 7	23 13	0 8	2 36	2 6	9 52	0 34	4 34	1 6	22 20	2 59	18 36	18 12	20 15	17 21	5 20
T 22	23 25	20 26	2 58	25 11	2 0	23 53	0 47	22 37	1 7	23 12	0 8	2 35	2 6	9 51	0 34	4 34	1 6	22 20	2 59	18 38	18 13	20 16	17 20	5 20
F 23	23 24	20 43	2 2	25 7	2 2	23 50	0 49	22 29	1 7	23 12	0 8	2 35	2 7	9 51	0 34	4 34	1 6	22 21	2 59	18 39	18 14	20 17	17 20	5 20
S 24	23 23	20 4	1 0	25 2	2 5	23 46	0 51	22 21	1 7	23 11	0 8	2 34	2 7	9 51	0 34	4 33	1 6	22 21	2 59	18 39	18 14	20 18	17 20	5 20
S 25	23 22	18 32	0s 4	24 56	2 7	23 41	0 53	22 13	1 7	23 11	0 8	2 34	2 7	9 51	0 34	4 33	1 6	22 22	3 0	18 40	18 15	20 18	17 19	5 20
M26	23 20	16 10	1 10	24 48	2 9	23 35	0 55	22 5	1 7	23 11	0 8	2 34	2 7	9 51	0 34	4 33	1 6	22 22	3 0	18 39	18 16	20 19	17 19	5 20
T 27	23 18	13 4	2 13	24 38	2 10	23 29	0 57	21 56	1 7	23 10	0 8	2 33	2 8	9 51	0 34	4 32	1 6	22 22	3 0	18 39	18 17	20 19	17 19	5 20
W28	23 15	9 21	3 11	24 27	2 11	23 22	0 59	21 47	1 7	23 10	0 8	2 33	2 8	9 50	0 34	4 32	1 6	22 23	3 0	18 39	18 18	20 20	17 18	5 19
T 29	23 12	5 8	4 1	24 15	2 11	23 14	1 0	21 38	1 7	23 9	0 8	2 33	2 8	9 50	0 34	4 32	1 6	22 23	3 0	18 38	18 18	20 21	17 18	5 19
F 30	23 8	0 36	4 40	24 1	2 11	23 6	1 2	21 28	1 7	23 9	0 8	2 33	2 9	9 50	0 34	4 31	1 6	22 23	3 0	18 38	18 19	20 21	17 18	5 19
S 31	23s 4	4n 7	5s 6	23s46	2s11	22s57	1s 4	21s18	1s 7	23s 8	0n 7	2n33	2n 9	9n50	0s34	4s31	1s 6	22n24	3n 0	18n38	18n20	20s22	17n18	5s19

Julian Day Number = 2519449.5, Delta T = 149.86 sec
Ecliptic obliquity = 23°24'48, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°20'18, Lahiri = 26°27'19

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2186
geocentric

JANUARY 2186 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 43 37	10♑43'42	6♉39	23♑41	21♑30	0♒24	6♑40	28♍34	26°R54	21♓10	2°R57	6°R26	7♌36	1♑41	15°R 3	S 1
M 2	6 47 34	11°44'50	20°58	25°16	22°46	1°11	6°54	28°35	26♈54	21°11	2♌55	6♌23	7°33	1°47	15♊ 0	M 2
T 3	6 51 30	12°45'57	5♊43	26°51	24° 1	1°58	7° 8	28°35	26°54	21°12	2°54	6°19	7°30	1°54	14°57	T 3
W 4	6 55 27	13°47'05	20°46	28°25	25°16	2°45	7°22	28°35	26°54	21°13	2°53	6°16	7°27	2° 1	14°54	W 4
T 5	6 59 23	14°48'12	5♋59	29°58	26°32	3°32	7°35	28°36	26°D54	21°14	2°52	6°13	7°24	2° 7	14°51	T 5
F 6	7 3 20	15°49'20	21°13	1♒31	27°47	4°19	7°49	28°36	26°54	21°15	2°50	6°12	7°21	2°14	14°48	F 6
S 7	7 7 17	16°50'28	6♌18	3° 2	29° 2	5° 6	8° 3	28°R36	26°54	21°16	2°49	6°D11	7°17	2°21	14°45	S 7
S 8	7 11 13	17°51'35	21° 4	4°33	0♒18	5°53	8°17	28°36	26°54	21°18	2°48	6°12	7°14	2°27	14°42	S 8
M 9	7 15 10	18°52'43	5♍26	6° 1	1°33	6°40	8°30	28°36	26°54	21°19	2°47	6°13	7°11	2°34	14°39	M 9
T 10	7 19 6	19°53'51	19°21	7°28	2°48	7°27	8°44	28°36	26°54	21°20	2°45	6°14	7° 8	2°41	14°37	T 10
W11	7 23 3	20°54'58	2♎48	8°52	4° 3	8°15	8°58	28°35	26°55	21°21	2°44	6°15	7° 5	2°47	14°34	W11
T 12	7 26 59	21°56'06	15°50	10°13	5°19	9° 2	9°11	28°35	26°55	21°23	2°43	6°16	7° 1	2°54	14°31	T 12
F 13	7 30 56	22°57'14	28°30	11°31	6°34	9°49	9°25	28°35	26°55	21°24	2°41	6°R16	6°58	3° 1	14°29	F 13
S 14	7 34 52	23°58'23	10♏51	12°45	7°49	10°36	9°39	28°34	26°56	21°26	2°40	6°15	6°55	3° 7	14°26	S 14
S 15	7 38 49	24°59'31	22°59	13°54	9° 4	11°23	9°52	28°33	26°56	21°27	2°39	6°14	6°52	3°14	14°24	S 15
M16	7 42 46	26° 0'39	4♐56	14°57	10°20	12°11	10° 6	28°32	26°57	21°28	2°37	6°13	6°49	3°21	14°21	M16
T 17	7 46 42	27° 1'47	16°47	15°55	11°35	12°58	10°19	28°31	26°58	21°30	2°36	6°11	6°46	3°27	14°19	T 17
W18	7 50 39	28° 2'54	28°36	16°45	12°50	13°45	10°33	28°30	26°58	21°31	2°35	6°10	6°42	3°34	14°17	W18
T 19	7 54 35	29° 4'02	10♑24	17°27	14° 5	14°33	10°46	28°29	26°59	21°33	2°34	6° 9	6°39	3°41	14°14	T 19
F 20	7 58 32	0♒ 5'09	22°15	18° 1	15°21	15°20	11° 0	28°28	27° 0	21°35	2°32	6° 9	6°36	3°47	14°12	F 20
S 21	8 2 28	1° 6'15	4♒11	18°25	16°36	16° 7	11°13	28°26	27° 1	21°36	2°31	6°D 8	6°33	3°54	14°10	S 21
S 22	8 6 25	2° 7'21	16°14	18°38	17°51	16°55	11°27	28°25	27° 1	21°38	2°29	6° 8	6°30	4° 1	14° 8	S 22
M23	8 10 21	3° 8'26	28°24	18°R40	19° 6	17°42	11°40	28°23	27° 2	21°39	2°28	6° 9	6°27	4° 7	14° 6	M23
T 24	8 14 18	4° 9'31	10♓45	18°31	20°21	18°30	11°53	28°21	27° 3	21°41	2°27	6° 9	6°23	4°14	14° 4	T 24
W25	8 18 15	5°10'34	23°19	18°10	21°36	19°17	12° 6	28°20	27° 4	21°43	2°25	6° 9	6°20	4°21	14° 2	W25
T 26	8 22 11	6°11'37	6♈ 6	17°38	22°52	20° 4	12°20	28°18	27° 5	21°44	2°24	6°R 9	6°17	4°27	14° 1	T 26
F 27	8 26 8	7°12'39	19°11	16°54	24° 7	20°52	12°33	28°16	27° 7	21°46	2°23	6° 9	6°14	4°34	13°59	F 27
S 28	8 30 4	8°13'39	2♉34	16° 2	25°22	21°39	12°46	28°13	27° 8	21°48	2°21	6°D 9	6°11	4°41	13°57	S 28
S 29	8 34 1	9°14'39	16°17	15° 0	26°37	22°27	12°59	28°11	27° 9	21°50	2°20	6° 9	6° 7	4°47	13°56	S 29
M30	8 37 57	10°15'38	0♊20	13°52	27°52	23°14	13°12	28° 9	27°10	21°51	2°19	6° 9	6° 4	4°54	13°54	M30
T 31	8 41 54	11♒16'35	14♊43	12♒40	29♒ 7	24♒ 2	13♑25	28♍ 6	27♈12	21♓53	2♌18	6♌10	6♌ 1	5♑ 1	13♊53	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s59	8n46	5s15	23s29	2s10	22s47	1s 6	21s 8	1s 7	23s 7	0n 7	2n33	2n 9	9n50	0s33	4s30	1s 6	22n24	3n 0	18n39	18n21	20s23	17n17	5s19
M 2	22 54	13 5	5 5	23 10	2 9	22 36	1 8	20 58	1 7	23 7	0 7	2 33	2 9	9 50	0 33	4 30	1 6	22 25	3 0	18 39	18 22	20 23	17 17	5 19
T 3	22 48	16 44	4 34	22 50	2 7	22 25	1 9	20 48	1 7	23 6	0 7	2 33	2 10	9 50	0 33	4 30	1 6	22 25	3 0	18 40	18 23	20 24	17 17	5 19
W 4	22 42	19 21	3 45	22 29	2 4	22 13	1 11	20 37	1 7	23 5	0 7	2 33	2 10	9 50	0 33	4 29	1 6	22 25	3 1	18 41	18 23	20 25	17 17	5 19
T 5	22 36	20 38	2 39	22 6	2 1	22 1	1 12	20 26	1 7	23 5	0 7	2 33	2 10	9 50	0 33	4 29	1 6	22 26	3 1	18 42	18 24	20 25	17 16	5 19
F 6	22 29	20 24	1 22	21 42	1 57	21 47	1 14	20 15	1 7	23 4	0 7	2 33	2 10	9 50	0 33	4 28	1 6	22 26	3 1	18 42	18 25	20 26	17 16	5 19
S 7	22 21	18 41	0n 1	21 17	1 52	21 33	1 15	20 4	1 7	23 3	0 7	2 33	2 11	9 50	0 33	4 28	1 6	22 26	3 1	18 42	18 26	20 26	17 16	5 19
S 8	22 13	15 45	1 21	20 50	1 47	21 19	1 17	19 52	1 7	23 3	0 7	2 34	2 11	9 50	0 33	4 27	1 5	22 27	3 1	18 42	18 27	20 27	17 16	5 18
M 9	22 5	11 55	2 35	20 22	1 41	21 4	1 18	19 40	1 7	23 2	0 7	2 34	2 11	9 50	0 33	4 27	1 5	22 27	3 1	18 42	18 27	20 28	17 16	5 18
T 10	21 56	7 32	3 37	19 54	1 34	20 48	1 19	19 28	1 7	23 1	0 7	2 34	2 12	9 51	0 33	4 26	1 5	22 28	3 1	18 42	18 28	20 28	17 15	5 18
W11	21 47	2 56	4 25	19 24	1 26	20 32	1 21	19 16	1 7	23 0	0 6	2 35	2 12	9 51	0 33	4 26	1 5	22 28	3 1	18 41	18 29	20 29	17 15	5 18
T 12	21 38	1s39	4 57	18 54	1 17	20 14	1 22	19 3	1 7	22 59	0 6	2 35	2 12	9 51	0 33	4 25	1 5	22 28	3 1	18 41	18 30	20 29	17 15	5 18
F 13	21 28	6 2	5 14	18 24	1 8	19 57	1 23	18 51	1 7	22 58	0 6	2 36	2 12	9 51	0 33	4 24	1 5	22 29	3 1	18 41	18 31	20 30	17 15	5 18
S 14	21 17	10 3	5 16	17 53	0 57	19 39	1 24	18 38	1 7	22 58	0 6	2 36	2 13	9 51	0 33	4 24	1 5	22 29	3 1	18 41	18 31	20 31	17 15	5 18
S 15	21 7	13 36	5 4	17 22	0 46	19 20	1 25	18 25	1 7	22 57	0 6	2 37	2 13	9 51	0 33	4 23	1 5	22 30	3 2	18 42	18 32	20 31	17 15	5 17
M16	20 55	16 32	4 38	16 52	0 33	19 1	1 26	18 12	1 7	22 56	0 6	2 37	2 13	9 52	0 33	4 23	1 5	22 30	3 2	18 42	18 33	20 32	17 15	5 17
T 17	20 44	18 46	4 1	16 22	0 19	18 41	1 27	17 58	1 7	22 55	0 6	2 38	2 14	9 52	0 33	4 22	1 5	22 30	3 2	18 42	18 34	20 32	17 15	5 17
W18	20 32	20 11	3 14	15 53	0 5	18 20	1 28	17 44	1 6	22 54	0 6	2 39	2 14	9 52	0 33	4 21	1 5	22 31	3 2	18 43	18 35	20 33	17 15	5 17
T 19	20 19	20 43	2 18	15 25	0n10	18 0	1 28	17 31	1 6	22 53	0 6	2 39	2 14	9 53	0 33	4 21	1 5	22 31	3 2	18 43	18 35	20 33	17 15	5 17
F 20	20 7	20 19	1 16	14 59	0 27	17 38	1 29	17 17	1 6	22 52	0 6	2 40	2 14	9 53	0 33	4 20	1 5	22 31	3 2	18 43	18 36	20 34	17 14	5 16
S 21	19 53	19 1	0 11	14 36	0 44	17 16	1 30	17 2	1 6	22 51	0 6	2 41	2 15	9 53	0 33	4 20	1 5	22 32	3 2	18 43	18 37	20 35	17 14	5 16
S 22	19 40	16 51	0s56	14 15	1 1	16 54	1 30	16 48	1 6	22 50	0 5	2 42	2 15	9 54	0 33	4 19	1 5	22 32	3 2	18 43	18 38	20 35	17 14	5 16
M23	19 26	13 54	2 1	13 57	1 20	16 31	1 31	16 33	1 6	22 49	0 5	2 43	2 15	9 54	0 33	4 18	1 5	22 33	3 2	18 43	18 39	20 36	17 14	5 16
T 24	19 12	10 19	3 1	13 43	1 38	16 8	1 31	16 19	1 6	22 48	0 5	2 43	2 15	9 54	0 33	4 18	1 5	22 33	3 2	18 43	18 39	20 36	17 14	5 16
W25	18 57	6 13	3 53	13 32	1 56	15 44	1 31	16 4	1 6	22 47	0 5	2 44	2 16	9 55	0 33	4 17	1 5	22 33	3 2	18 43	18 40	20 37	17 14	5 15
T 26	18 42	1 48	4 35	13 25	2 13	15 20	1 32	15 49	1 5	22 45	0 5	2 45	2 16	9 55	0 33	4 16	1 5	22 34	3 2	18 43	18 41	20 37	17 14	5 15
F 27	18 27	2n48	5 4	13 22	2 30	14 55	1 32	15 33	1 5	22 44	0 5	2 46	2 16	9 56	0 33	4 15	1 5	22 34	3 2	18 43	18 42	20 38	17 14	5 15
S 28	18 11	7 22	5 17	13 23	2 46	14 30	1 32	15 18	1 5	22 43	0 5	2 48	2 16	9 56	0 33	4 15	1 5	22 34	3 2	18 43	18 42	20 38	17 15	5 15
S 29	17 55	11 41	5 13	13 27	3 0	14 5	1 32	15 2	1 5	22 42	0 5	2 49	2 17	9 56	0 33	4 14	1 5	22 35	3 3	18 43	18 43	20 39	17 15	5 14
M30	17 39	15 28	4 50	13 35	3 12	13 39	1 32	14 47	1 5	22 41	0 5	2 50	2 17	9 57	0 32	4 13	1 5	22 35	3 3	18 43	18 44	20 39	17 15	5 14
T 31	17s23	18n25	4s 9	13s46	3n22	13s13	1s32	14s31	1s 4	22s40	0n 5	2n51	2n17	9n57	0s32	4s13	1s 5	22n36	3n 3	18n43	18n45	20s40	17n15	5s14

Julian Day Number = 2519480.5, Delta T = 149.93 sec
Ecliptic obliquity = 23°24'48, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°20'22, Lahiri = 26°27'23

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2186
geocentric

FEBRUARY 2186 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 45 50	12♒17'31	29♊24	11°R25	0♓22	24♒49	13♉38	28°R 4	27♈13	21♓55	2°R16	6♌10	5♌58	5♉ 7	13°R51	W 1
T 2	8 49 47	13°18'26	14♋16	10♒10	1°37	25°37	13°51	28♍ 1	27°14	21°57	2♌15	6°11	5°55	5°14	13♊50	T 2
F 3	8 53 44	14°19'20	29°13	8°56	2°52	26°24	14° 4	27°59	27°16	21°59	2°14	6°R11	5°52	5°21	13°49	F 3
S 4	8 57 40	15°20'13	14♌ 7	7°47	4° 7	27°11	14°17	27°56	27°17	22° 1	2°12	6°11	5°48	5°27	13°48	S 4
S 5	9 1 37	16°21'05	28°50	6°43	5°22	27°59	14°30	27°53	27°19	22° 3	2°11	6°11	5°45	5°34	13°46	S 5
M 6	9 5 33	17°21'55	13♍15	5°46	6°36	28°46	14°42	27°50	27°20	22° 5	2°10	6° 9	5°42	5°41	13°45	M 6
T 7	9 9 30	18°22'45	27°18	4°57	7°51	29°34	14°55	27°47	27°22	22° 7	2° 8	6° 8	5°39	5°47	13°45	T 7
W 8	9 13 26	19°23'34	10♎54	4°15	9° 6	0♓21	15° 8	27°44	27°24	22° 9	2° 7	6° 6	5°36	5°54	13°44	W 8
T 9	9 17 23	20°24'21	24° 5	3°42	10°21	1° 9	15°20	27°41	27°26	22°11	2° 6	6° 4	5°33	6° 1	13°43	T 9
F 10	9 21 19	21°25'08	6♏51	3°18	11°36	1°56	15°33	27°37	27°27	22°13	2° 5	6° 3	5°29	6° 7	13°42	F 10
S 11	9 25 16	22°25'54	19°16	3° 1	12°50	2°44	15°45	27°34	27°29	22°15	2° 3	6°D 3	5°26	6°14	13°41	S 11
S 12	9 29 13	23°26'39	1♐25	2°53	14° 5	3°31	15°58	27°30	27°31	22°17	2° 2	6° 3	5°23	6°21	13°41	S 12
M13	9 33 9	24°27'23	13°22	2°D52	15°20	4°19	16°10	27°27	27°33	22°19	2° 1	6° 4	5°20	6°27	13°40	M13
T 14	9 37 6	25°28'06	25°12	2°58	16°34	5° 6	16°22	27°23	27°35	22°21	2° 0	6° 5	5°17	6°34	13°40	T 14
W15	9 41 2	26°28'48	7♑ 0	3°11	17°49	5°54	16°34	27°20	27°37	22°23	1°58	6° 7	5°13	6°41	13°40	W15
T 16	9 44 59	27°29'29	18°49	3°30	19° 4	6°41	16°46	27°16	27°39	22°25	1°57	6° 8	5°10	6°47	13°39	T 16
F 17	9 48 55	28°30'08	0♒44	3°55	20°18	7°28	16°58	27°12	27°41	22°27	1°56	6°R 9	5° 7	6°54	13°39	F 17
S 18	9 52 52	29°30'46	12°48	4°26	21°33	8°16	17°10	27° 8	27°43	22°29	1°55	6° 9	5° 4	7° 1	13°39	S 18
S 19	9 56 48	0♓31'23	25° 3	5° 1	22°47	9° 3	17°22	27° 4	27°45	22°31	1°54	6° 8	5° 1	7° 7	13°D39	S 19
M20	10 0 45	1°31'58	7♓30	5°40	24° 2	9°51	17°34	27° 0	27°48	22°33	1°53	6° 5	4°58	7°14	13°39	M20
T 21	10 4 41	2°32'32	20°10	6°24	25°16	10°38	17°46	26°56	27°50	22°36	1°51	6° 2	4°54	7°21	13°39	T 21
W22	10 8 38	3°33'04	3♈ 3	7°12	26°31	11°25	17°57	26°52	27°52	22°38	1°50	5°57	4°51	7°27	13°39	W22
T 23	10 12 35	4°33'35	16°10	8° 3	27°45	12°13	18° 9	26°48	27°54	22°40	1°49	5°52	4°48	7°34	13°40	T 23
F 24	10 16 31	5°34'03	29°30	8°57	29° 0	13° 0	18°21	26°44	27°57	22°42	1°48	5°48	4°45	7°41	13°40	F 24
S 25	10 20 28	6°34'30	13♉ 3	9°54	0♈14	13°48	18°32	26°39	27°59	22°44	1°47	5°45	4°42	7°47	13°40	S 25
S 26	10 24 24	7°34'55	26°48	10°54	1°28	14°35	18°43	26°35	28° 2	22°47	1°46	5°43	4°39	7°54	13°41	S 26
M27	10 28 21	8°35'18	10♊45	11°57	2°43	15°22	18°55	26°31	28° 4	22°49	1°45	5°D42	4°35	8° 1	13°41	M27
T 28	10 32 17	9♓35'39	24♊54	13♒ 2	3♈57	16♓ 9	19♉ 6	26♍26	28♈ 7	22♓51	1♌44	5♌43	4♌32	8♉ 7	13♊42	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	17s 6	20n14	3s11	13s59	3n29	12s46	1s32	14s15	1s 4	22s38	0n 5	2n52	2n17	9n58	0s32	4s12	1s 5	22n36	3n 3	18n43	18n46	20s40	17n15	5s14	W 1
T 2	16 48	20 41	1 59	14 14	3 34	12 19	1 32	13 59	1 4	22 37	0 5	2 53	2 18	9 59	0 32	4 11	1 5	22 36	3 3	18 42	18 46	20 41	17 15	5 13	T 2
F 3	16 31	19 40	0 39	14 31	3 37	11 52	1 32	13 42	1 4	22 36	0 4	2 55	2 18	9 59	0 32	4 10	1 5	22 37	3 3	18 42	18 47	20 41	17 15	5 13	F 3
S 4	16 13	17 17	0n44	14 48	3 37	11 25	1 31	13 26	1 4	22 35	0 4	2 56	2 18	10 0	0 32	4 10	1 5	22 37	3 3	18 42	18 48	20 42	17 15	5 13	S 4
S 5	15 55	13 47	2 3	15 6	3 35	10 57	1 31	13 9	1 3	22 33	0 4	2 57	2 18	10 0	0 32	4 9	1 5	22 37	3 3	18 43	18 49	20 42	17 15	5 13	S 5
M 6	15 37	9 31	3 12	15 24	3 31	10 29	1 31	12 53	1 3	22 32	0 4	2 59	2 19	10 1	0 32	4 8	1 5	22 38	3 3	18 43	18 50	20 43	17 15	5 12	M 6
T 7	15 18	4 51	4 7	15 42	3 25	10 0	1 30	12 36	1 3	22 31	0 4	3 0	2 19	10 1	0 32	4 7	1 5	22 38	3 3	18 43	18 50	20 43	17 16	5 12	T 7
W 8	14 59	0 5	4 47	15 59	3 17	9 32	1 29	12 19	1 3	22 29	0 4	3 2	2 19	10 2	0 32	4 6	1 5	22 38	3 3	18 44	18 51	20 44	17 16	5 12	W 8
T 9	14 40	4s31	5 10	16 15	3 8	9 3	1 29	12 2	1 2	22 28	0 4	3 3	2 19	10 3	0 32	4 6	1 5	22 39	3 3	18 44	18 52	20 44	17 16	5 12	T 9
F 10	14 21	8 48	5 17	16 30	2 58	8 34	1 28	11 44	1 2	22 27	0 4	3 5	2 20	10 3	0 32	4 5	1 5	22 39	3 3	18 44	18 53	20 45	17 16	5 11	F 10
S 11	14 1	12 34	5 8	16 45	2 48	8 5	1 27	11 27	1 2	22 25	0 4	3 6	2 20	10 4	0 32	4 4	1 5	22 39	3 3	18 44	18 53	20 45	17 16	5 11	S 11
S 12	13 41	15 45	4 46	16 57	2 36	7 35	1 26	11 10	1 2	22 24	0 4	3 8	2 20	10 5	0 32	4 3	1 5	22 40	3 3	18 44	18 54	20 46	17 17	5 11	S 12
M13	13 21	18 12	4 12	17 9	2 25	7 5	1 25	10 52	1 1	22 23	0 4	3 9	2 20	10 6	0 32	4 2	1 5	22 40	3 3	18 44	18 55	20 46	17 17	5 10	M13
T 14	13 1	19 52	3 28	17 19	2 13	6 35	1 24	10 35	1 1	22 21	0 3	3 11	2 20	10 6	0 32	4 2	1 5	22 40	3 3	18 44	18 56	20 47	17 17	5 10	T 14
W15	12 41	20 40	2 34	17 28	2 0	6 5	1 23	10 17	1 1	22 20	0 3	3 13	2 21	10 7	0 32	4 1	1 5	22 41	3 3	18 43	18 57	20 47	17 17	5 10	W15
T 16	12 20	20 32	1 34	17 36	1 48	5 35	1 22	9 59	1 0	22 19	0 3	3 14	2 21	10 8	0 32	4 0	1 5	22 41	3 3	18 43	18 57	20 48	17 17	5 10	T 16
F 17	11 59	19 29	0 30	17 42	1 36	5 5	1 21	9 41	1 0	22 17	0 3	3 16	2 21	10 9	0 32	3 59	1 5	22 41	3 3	18 43	18 58	20 48	17 18	5 9	F 17
S 18	11 38	17 32	0s37	17 46	1 24	4 34	1 20	9 23	1 0	22 16	0 3	3 18	2 21	10 9	0 32	3 58	1 5	22 41	3 3	18 43	18 59	20 48	17 18	5 9	S 18
S 19	11 17	14 46	1 42	17 50	1 12	4 3	1 18	9 5	0 59	22 14	0 3	3 19	2 21	10 10	0 32	3 57	1 5	22 42	3 3	18 43	19 0	20 49	17 18	5 9	S 19
M20	10 55	11 17	2 44	17 52	1 0	3 33	1 17	8 47	0 59	22 13	0 3	3 21	2 21	10 11	0 32	3 57	1 5	22 42	3 4	18 44	19 0	20 49	17 19	5 8	M20
T 21	10 33	7 15	3 39	17 52	0 49	3 2	1 15	8 29	0 59	22 11	0 3	3 23	2 22	10 12	0 32	3 56	1 5	22 42	3 4	18 45	19 1	20 50	17 19	5 8	T 21
W22	10 12	2 49	4 23	17 51	0 37	2 31	1 14	8 10	0 58	22 10	0 3	3 25	2 22	10 13	0 32	3 55	1 5	22 43	3 4	18 46	19 2	20 50	17 19	5 8	W22
T 23	9 50	1n49	4 55	17 49	0 26	2 0	1 12	7 52	0 58	22 9	0 3	3 27	2 22	10 13	0 32	3 54	1 5	22 43	3 4	18 47	19 3	20 51	17 20	5 8	T 23
F 24	9 28	6 26	5 11	17 45	0 16	1 29	1 11	7 34	0 58	22 7	0 2	3 28	2 22	10 14	0 32	3 53	1 5	22 43	3 4	18 48	19 3	20 51	17 20	5 7	F 24
S 25	9 5	10 48	5 10	17 40	0 5	0 58	1 9	7 15	0 57	22 6	0 2	3 30	2 22	10 15	0 32	3 52	1 5	22 43	3 4	18 49	19 4	20 51	17 20	5 7	S 25
S 26	8 43	14 41	4 52	17 33	0s 5	0 26	1 7	6 57	0 57	22 4	0 2	3 32	2 22	10 16	0 32	3 51	1 5	22 44	3 4	18 49	19 5	20 52	17 21	5 7	S 26
M27	8 20	17 48	4 17	17 26	0 15	0n 5	1 5	6 38	0 57	22 3	0 2	3 34	2 23	10 17	0 32	3 50	1 5	22 44	3 4	18 49	19 6	20 52	17 21	5 6	M27
T 28	7s58	19n54	3s25	17s16	0s24	0n36	1s 3	6s19	0s56	22s 1	0n 2	3n36	2n23	10n18	0s32	3s50	1s 5	22n44	3n 4	18n49	19n 6	20s53	17n21	5s 6	T 28

Julian Day Number = 2519511.5, Delta T = 150.01 sec
Ecliptic obliquity = 23°24'49, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°20'27, Lahiri = 26°27'27

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2186
geocentric

MARCH 2186 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 36 14	10♓35'58	9♋12	14♒ 9	5♈11	16♓57	19♑17	26°R22	28♈ 9	22♓53	1°R43	5♌45	4♌29	8♑14	13♊43	W 1
T 2	10 40 10	11°36'16	23°37	15°19	6°25	17°44	19°28	26♍17	28°12	22°55	1♌42	5°46	4°26	8°21	13°44	T 2
F 3	10 44 7	12°36'31	8♌ 7	16°30	7°39	18°31	19°39	26°13	28°14	22°58	1°41	5°R46	4°23	8°27	13°44	F 3
S 4	10 48 4	13°36'44	22°36	17°43	8°53	19°18	19°49	26° 8	28°17	23° 0	1°40	5°45	4°19	8°34	13°45	S 4
S 5	10 52 0	14°36'55	7♍ 0	18°58	10° 7	20° 6	20° 0	26° 4	28°20	23° 2	1°39	5°42	4°16	8°41	13°46	S 5
M 6	10 55 57	15°37'05	21°12	20°15	11°21	20°53	20°11	25°59	28°22	23° 4	1°38	5°37	4°13	8°47	13°47	M 6
T 7	10 59 53	16°37'12	5♎ 7	21°34	12°35	21°40	20°21	25°54	28°25	23° 7	1°37	5°31	4°10	8°54	13°49	T 7
W 8	11 3 50	17°37'18	18°41	22°53	13°49	22°27	20°32	25°50	28°28	23° 9	1°36	5°24	4° 7	9° 1	13°50	W 8
T 9	11 7 46	18°37'22	1♏53	24°15	15° 3	23°14	20°42	25°45	28°31	23°11	1°36	5°16	4° 4	9° 7	13°51	T 9
F 10	11 11 43	19°37'25	14°43	25°38	16°17	24° 1	20°52	25°40	28°34	23°14	1°35	5°10	4° 0	9°14	13°53	F 10
S 11	11 15 39	20°37'26	27°11	27° 2	17°30	24°48	21° 2	25°35	28°36	23°16	1°34	5° 5	3°57	9°21	13°54	S 11
S 12	11 19 36	21°37'25	9♐23	28°27	18°44	25°35	21°12	25°31	28°39	23°18	1°33	5° 2	3°54	9°27	13°55	S 12
M13	11 23 33	22°37'23	21°22	29°54	19°58	26°22	21°22	25°26	28°42	23°20	1°32	5°D 1	3°51	9°34	13°57	M13
T 14	11 27 29	23°37'19	3♑12	1♓23	21°11	27° 9	21°32	25°21	28°45	23°23	1°32	5° 2	3°48	9°41	13°59	T 14
W15	11 31 26	24°37'14	15° 1	2°52	22°25	27°56	21°41	25°16	28°48	23°25	1°31	5° 3	3°44	9°47	14° 0	W15
T 16	11 35 22	25°37'07	26°51	4°23	23°38	28°43	21°51	25°12	28°51	23°27	1°30	5° 4	3°41	9°54	14° 2	T 16
F 17	11 39 19	26°36'58	8♒50	5°55	24°52	29°30	22° 0	25° 7	28°54	23°30	1°30	5°R 5	3°38	10° 0	14° 4	F 17
S 18	11 43 15	27°36'47	21° 0	7°28	26° 5	0♈17	22°10	25° 2	28°57	23°32	1°29	5° 3	3°35	10° 7	14° 6	S 18
S 19	11 47 12	28°36'35	3♓25	9° 3	27°18	1° 4	22°19	24°57	29° 0	23°34	1°28	4°59	3°32	10°14	14° 8	S 19
M20	11 51 8	29°36'20	16° 7	10°38	28°32	1°51	22°28	24°53	29° 3	23°36	1°28	4°53	3°29	10°20	14°10	M20
T 21	11 55 5	0♈36'04	29° 8	12°15	29°45	2°37	22°37	24°48	29° 6	23°39	1°27	4°45	3°25	10°27	14°12	T 21
W22	11 59 2	1°35'46	12♈25	13°54	0♉58	3°24	22°46	24°43	29°10	23°41	1°26	4°35	3°22	10°34	14°15	W22
T 23	12 2 58	2°35'26	25°58	15°33	2°11	4°11	22°54	24°38	29°13	23°43	1°26	4°25	3°19	10°40	14°17	T 23
F 24	12 6 55	3°35'03	9♉43	17°14	3°24	4°58	23° 3	24°34	29°16	23°45	1°25	4°16	3°16	10°47	14°19	F 24
S 25	12 10 51	4°34'39	23°37	18°56	4°37	5°44	23°11	24°29	29°19	23°48	1°25	4° 8	3°13	10°54	14°22	S 25
S 26	12 14 48	5°34'12	7♊37	20°39	5°50	6°31	23°20	24°24	29°22	23°50	1°24	4° 2	3°10	11° 0	14°24	S 26
M27	12 18 44	6°33'43	21°42	22°24	7° 3	7°17	23°28	24°20	29°25	23°52	1°24	3°59	3° 6	11° 7	14°27	M27
T 28	12 22 41	7°33'12	5♋48	24° 9	8°16	8° 4	23°36	24°15	29°29	23°54	1°23	3°D58	3° 3	11°14	14°29	T 28
W29	12 26 37	8°32'38	19°55	25°57	9°29	8°50	23°44	24°11	29°32	23°57	1°23	3°58	3° 0	11°20	14°32	W29
T 30	12 30 34	9°32'02	4♌ 2	27°45	10°42	9°37	23°51	24° 6	29°35	23°59	1°23	3°R59	2°57	11°27	14°35	T 30
F 31	12 34 30	10♈31'24	18♌ 7	29♓35	11♉54	10♈23	23♑59	24♍ 2	29♈39	24♓ 1	1♌22	3♌58	2♌54	11♑34	14♊37	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	7s35	20n46	2s20	17s 6	0s33	1n 7	1s 1	6s 1	0s56	22s 0	0n 2	3n38	2n23	10n19	0s32	3s49	1s 5	22n44	3n 4	18n49	19n 7	20s53	17n22	5s 6
T 2	7 12	20 16	1 6	16 54	0 42	1 38	0 59	5 42	0 56	21 58	0 2	3 40	2 23	10 20	0 32	3 48	1 5	22 45	3 4	18 49	19 8	20 53	17 22	5 6
F 3	6 49	18 25	0n13	16 40	0 50	2 9	0 57	5 23	0 55	21 57	0 2	3 42	2 23	10 21	0 32	3 47	1 5	22 45	3 4	18 49	19 9	20 54	17 22	5 5
S 4	6 26	15 23	1 30	16 26	0 58	2 40	0 55	5 4	0 55	21 55	0 2	3 44	2 23	10 22	0 32	3 46	1 5	22 45	3 4	18 49	19 9	20 54	17 23	5 5
S 5	6 3	11 26	2 42	16 10	1 6	3 12	0 53	4 45	0 54	21 54	0 2	3 45	2 23	10 23	0 31	3 45	1 5	22 45	3 4	18 50	19 10	20 54	17 23	5 5
M 6	5 40	6 53	3 42	15 53	1 13	3 43	0 51	4 26	0 54	21 52	0 2	3 47	2 23	10 24	0 31	3 44	1 5	22 46	3 4	18 51	19 11	20 55	17 24	5 4
T 7	5 17	2 4	4 27	15 34	1 20	4 13	0 48	4 7	0 54	21 51	0 1	3 49	2 24	10 25	0 31	3 43	1 5	22 46	3 4	18 52	19 12	20 55	17 24	5 4
W 8	4 53	2s44	4 56	15 14	1 27	4 44	0 46	3 48	0 53	21 50	0 1	3 51	2 24	10 26	0 31	3 42	1 5	22 46	3 4	18 54	19 12	20 56	17 24	5 4
T 9	4 30	7 17	5 9	14 53	1 33	5 15	0 44	3 29	0 53	21 48	0 1	3 53	2 24	10 27	0 31	3 42	1 5	22 46	3 4	18 56	19 13	20 56	17 25	5 3
F 10	4 6	11 22	5 5	14 31	1 39	5 46	0 41	3 10	0 52	21 47	0 1	3 55	2 24	10 28	0 31	3 41	1 5	22 46	3 4	18 57	19 14	20 56	17 25	5 3
S 11	3 43	14 51	4 47	14 7	1 44	6 16	0 39	2 51	0 52	21 45	0 1	3 57	2 24	10 29	0 31	3 40	1 5	22 47	3 4	18 58	19 15	20 57	17 26	5 3
S 12	3 19	17 37	4 16	13 42	1 49	6 46	0 36	2 32	0 51	21 44	0 1	3 59	2 24	10 30	0 31	3 39	1 5	22 47	3 4	18 59	19 15	20 57	17 26	5 3
M13	2 55	19 34	3 34	13 16	1 54	7 17	0 34	2 13	0 51	21 42	0 1	4 1	2 24	10 31	0 31	3 38	1 5	22 47	3 4	18 59	19 16	20 57	17 27	5 2
T 14	2 32	20 39	2 44	12 49	1 58	7 47	0 31	1 54	0 51	21 41	0 1	4 3	2 24	10 32	0 31	3 37	1 5	22 47	3 4	18 59	19 17	20 58	17 27	5 2
W15	2 8	20 49	1 46	12 20	2 2	8 17	0 28	1 35	0 50	21 40	0 1	4 5	2 24	10 33	0 31	3 36	1 5	22 47	3 4	18 59	19 18	20 58	17 28	5 2
T 16	1 44	20 2	0 44	11 50	2 5	8 46	0 26	1 16	0 50	21 38	0 1	4 7	2 24	10 34	0 31	3 35	1 5	22 47	3 4	18 59	19 18	20 58	17 28	5 2
F 17	1 21	18 21	0s20	11 19	2 8	9 16	0 23	0 57	0 49	21 37	0 0	4 9	2 24	10 35	0 31	3 34	1 5	22 48	3 4	18 59	19 19	20 59	17 29	5 1
S 18	0 57	15 49	1 25	10 47	2 11	9 45	0 20	0 38	0 49	21 35	0 0	4 11	2 24	10 36	0 31	3 34	1 5	22 48	3 4	18 59	19 20	20 59	17 29	5 1
S 19	0 33	12 31	2 26	10 13	2 13	10 14	0 17	0 19	0 48	21 34	0 0	4 13	2 24	10 37	0 31	3 33	1 5	22 48	3 4	19 0	19 21	20 59	17 30	5 1
M20	0 9	8 34	3 22	9 39	2 15	10 43	0 14	0n 0	0 48	21 33	0 0	4 15	2 24	10 38	0 31	3 32	1 5	22 48	3 4	19 1	19 21	20 59	17 30	5 0
T 21	0n14	4 9	4 8	9 3	2 16	11 11	0 12	0 19	0 47	21 31	0s 0	4 16	2 24	10 40	0 31	3 31	1 5	22 48	3 4	19 3	19 22	21 0	17 31	5 0
W22	0 38	0n34	4 42	8 26	2 17	11 40	0 9	0 38	0 47	21 30	0 0	4 18	2 24	10 41	0 31	3 30	1 5	22 48	3 4	19 6	19 23	21 0	17 31	5 0
T 23	1 2	5 20	5 1	7 48	2 17	12 8	0 6	0 57	0 46	21 29	0 0	4 20	2 24	10 42	0 31	3 29	1 5	22 48	3 4	19 8	19 24	21 0	17 32	5 0
F 24	1 25	9 54	5 3	7 9	2 17	12 36	0 3	1 16	0 46	21 27	0 0	4 22	2 24	10 43	0 31	3 28	1 5	22 49	3 4	19 10	19 24	21 1	17 32	4 59
S 25	1 49	14 1	4 47	6 28	2 17	13 3	0n 0	1 35	0 45	21 26	0 0	4 24	2 24	10 44	0 31	3 27	1 5	22 49	3 4	19 12	19 25	21 1	17 33	4 59
S 26	2 13	17 23	4 14	5 47	2 16	13 30	0 3	1 54	0 45	21 25	0 1	4 26	2 24	10 45	0 31	3 26	1 5	22 49	3 4	19 14	19 26	21 1	17 33	4 59
M27	2 36	19 44	3 26	5 4	2 14	13 57	0 6	2 13	0 44	21 23	0 1	4 28	2 24	10 46	0 31	3 26	1 5	22 49	3 4	19 14	19 27	21 1	17 34	4 59
T 28	3 0	20 53	2 24	4 21	2 12	14 24	0 9	2 32	0 44	21 22	0 1	4 29	2 24	10 48	0 31	3 25	1 5	22 49	3 4	19 15	19 27	21 2	17 34	4 58
W29	3 23	20 43	1 14	3 36	2 10	14 50	0 12	2 50	0 43	21 21	0 1	4 31	2 24	10 49	0 31	3 24	1 5	22 49	3 4	19 14	19 28	21 2	17 35	4 58
T 30	3 46	19 14	0n 0	2 50	2 7	15 16	0 15	3 9	0 43	21 20	0 1	4 33	2 24	10 50	0 31	3 23	1 5	22 49	3 4	19 14	19 29	21 2	17 35	4 58
F 31	4n10	16n34	1n15	2s 4	2s 4	15n41	0n18	3n28	0s42	21s18	0s 1	4n35	2n24	10n51	0s31	3s22	1s 5	22n49	3n 4	19n15	19n29	21s 3	17n36	4s58

Julian Day Number = 2519539.5, Delta T = 150.08 sec
Ecliptic obliquity = 23°24'49, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°20'30, Lahiri = 26°27'31

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2186
geocentric

APRIL 2186 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 38 27	11♈30'43	2♍ 9	1♈26	13♉ 7	11♈10	24♑ 7	23°R57	29♈42	24♓ 3	1°R22	3°R55	2♌50	11♑40	14♊40	S 1
S 2	12 42 24	12°30'00	16° 5	3°18	14°19	11°56	24°14	23♍53	29°45	24° 5	1♌22	3♌49	2°47	11°47	14°43	S 2
M 3	12 46 20	13°29'15	29°53	5°12	15°32	12°42	24°21	23°49	29°48	24° 8	1°21	3°41	2°44	11°54	14°46	M 3
T 4	12 50 17	14°28'28	13♎28	7° 7	16°44	13°29	24°28	23°44	29°52	24°10	1°21	3°30	2°41	12° 0	14°49	T 4
W 5	12 54 13	15°27'38	26°48	9° 4	17°57	14°15	24°35	23°40	29°55	24°12	1°21	3°18	2°38	12° 7	14°52	W 5
T 6	12 58 10	16°26'47	9♏51	11° 2	19° 9	15° 1	24°42	23°36	29°58	24°14	1°21	3° 6	2°35	12°14	14°55	T 6
F 7	13 2 6	17°25'54	22°35	13° 1	20°21	15°47	24°48	23°32	0♉ 2	24°16	1°20	2°55	2°31	12°20	14°59	F 7
S 8	13 6 3	18°24'59	5♐ 1	15° 1	21°33	16°33	24°55	23°28	0° 5	24°18	1°20	2°46	2°28	12°27	15° 2	S 8
S 9	13 9 59	19°24'02	17°12	17° 2	22°45	17°19	25° 1	23°24	0° 9	24°20	1°20	2°39	2°25	12°34	15° 5	S 9
M10	13 13 56	20°23'04	29°11	19° 5	23°57	18° 6	25° 7	23°20	0°12	24°23	1°20	2°35	2°22	12°40	15° 9	M10
T 11	13 17 53	21°22'04	11♑ 2	21° 9	25° 9	18°52	25°13	23°16	0°15	24°25	1°20	2°33	2°19	12°47	15°12	T 11
W12	13 21 49	22°21'01	22°50	23°13	26°21	19°37	25°19	23°12	0°19	24°27	1°20	2°D33	2°16	12°53	15°15	W12
T 13	13 25 46	23°19'58	4♒41	25°18	27°33	20°23	25°25	23° 8	0°22	24°29	1°20	2°R33	2°12	13° 0	15°19	T 13
F 14	13 29 42	24°18'52	16°41	27°24	28°44	21° 9	25°30	23° 4	0°26	24°31	1°D20	2°33	2° 9	13° 7	15°23	F 14
S 15	13 33 39	25°17'45	28°54	29°30	29°56	21°55	25°36	23° 1	0°29	24°33	1°20	2°30	2° 6	13°13	15°26	S 15
S 16	13 37 35	26°16'36	11♓25	1♉36	1♊ 7	22°41	25°41	22°57	0°33	24°35	1°20	2°25	2° 3	13°20	15°30	S 16
M17	13 41 32	27°15'25	24°17	3°42	2°19	23°27	25°46	22°53	0°36	24°37	1°20	2°18	2° 0	13°27	15°34	M17
T 18	13 45 28	28°14'12	7♈32	5°47	3°30	24°12	25°51	22°50	0°39	24°39	1°20	2° 8	1°56	13°33	15°37	T 18
W19	13 49 25	29°12'57	21° 9	7°52	4°41	24°58	25°56	22°47	0°43	24°41	1°20	1°56	1°53	13°40	15°41	W19
T 20	13 53 22	0♉11'41	5♉ 6	9°56	5°53	25°44	26° 0	22°43	0°46	24°43	1°20	1°44	1°50	13°47	15°45	T 20
F 21	13 57 18	1°10'22	19°18	11°58	7° 4	26°29	26° 4	22°40	0°50	24°45	1°21	1°32	1°47	13°53	15°49	F 21
S 22	14 1 15	2° 9'02	3♊39	13°58	8°15	27°15	26° 9	22°37	0°53	24°47	1°21	1°22	1°44	14° 0	15°53	S 22
S 23	14 5 11	3° 7'39	18° 3	15°57	9°26	28° 0	26°13	22°34	0°57	24°48	1°21	1°15	1°41	14° 7	15°57	S 23
M24	14 9 8	4° 6'15	2♋26	17°53	10°37	28°46	26°17	22°31	1° 0	24°50	1°21	1°11	1°37	14°13	16° 1	M24
T 25	14 13 4	5° 4'48	16°43	19°46	11°47	29°31	26°20	22°28	1° 4	24°52	1°22	1° 9	1°34	14°20	16° 5	T 25
W26	14 17 1	6° 3'19	0♌53	21°36	12°58	0♉16	26°24	22°25	1° 7	24°54	1°22	1° 8	1°31	14°27	16° 9	W26
T 27	14 20 57	7° 1'48	14°54	23°23	14° 9	1° 1	26°27	22°23	1°10	24°56	1°22	1° 8	1°28	14°33	16°13	T 27
F 28	14 24 54	8° 0'14	28°45	25° 7	15°19	1°47	26°30	22°20	1°14	24°58	1°23	1° 7	1°25	14°40	16°18	F 28
S 29	14 28 51	8°58'39	12♍28	26°47	16°30	2°32	26°33	22°17	1°17	24°59	1°23	1° 4	1°21	14°47	16°22	S 29
S 30	14 32 47	9♉57'01	26♍ 1	28♉23	17♊40	3♉17	26♑36	22♍15	1♉21	25♓ 1	1♌23	0♌58	1♌18	14♑53	16♊26	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n33	12n56	2n24	1s16	2s 0	16n 6	0n22	3n46	0s42	21s17	0s 1	4n36	2n24	10n52	0s31	3s21	1s 5	22n49	3n 4	19n15	19n30	21s 3	17n37	4s57
S 2	4 56	8 37	3 24	0 27	1 55	16 31	0 25	4 5	0 41	21 16	0 1	4 38	2 24	10 53	0 31	3 20	1 5	22 49	3 4	19 17	19 31	21 3	17 37	4 57
M 3	5 19	3 54	4 12	0n22	1 51	16 55	0 28	4 23	0 41	21 15	0 1	4 40	2 24	10 55	0 31	3 20	1 5	22 49	3 4	19 19	19 32	21 3	17 38	4 57
T 4	5 42	0s57	4 44	1 13	1 45	17 19	0 31	4 42	0 40	21 14	0 2	4 42	2 24	10 56	0 31	3 19	1 5	22 49	3 4	19 21	19 32	21 4	17 38	4 57
W 5	6 5	5 39	5 0	2 4	1 39	17 42	0 34	5 0	0 40	21 13	0 2	4 43	2 24	10 57	0 31	3 18	1 5	22 50	3 4	19 24	19 33	21 4	17 39	4 56
T 6	6 28	10 0	5 0	2 56	1 33	18 5	0 37	5 19	0 39	21 12	0 2	4 45	2 24	10 58	0 31	3 17	1 5	22 50	3 4	19 27	19 34	21 4	17 39	4 56
F 7	6 50	13 48	4 44	3 49	1 26	18 28	0 40	5 37	0 38	21 10	0 2	4 46	2 24	10 59	0 31	3 16	1 5	22 50	3 4	19 29	19 35	21 4	17 40	4 56
S 8	7 13	16 55	4 16	4 42	1 18	18 50	0 43	5 55	0 38	21 9	0 2	4 48	2 24	11 1	0 31	3 15	1 5	22 50	3 4	19 31	19 35	21 4	17 40	4 56
S 9	7 35	19 13	3 36	5 36	1 10	19 11	0 47	6 13	0 37	21 8	0 2	4 49	2 24	11 2	0 31	3 15	1 5	22 50	3 4	19 33	19 36	21 5	17 41	4 56
M10	7 57	20 37	2 47	6 31	1 2	19 33	0 50	6 31	0 37	21 7	0 2	4 51	2 24	11 3	0 31	3 14	1 5	22 50	3 4	19 34	19 37	21 5	17 42	4 55
T 11	8 19	21 6	1 52	7 25	0 53	19 53	0 53	6 49	0 36	21 6	0 2	4 52	2 24	11 4	0 31	3 13	1 5	22 50	3 4	19 34	19 37	21 5	17 42	4 55
W12	8 41	20 38	0 51	8 20	0 44	20 13	0 56	7 7	0 36	21 5	0 2	4 54	2 24	11 5	0 31	3 12	1 5	22 50	3 4	19 34	19 38	21 5	17 43	4 55
T 13	9 3	19 15	0s11	9 15	0 34	20 33	0 59	7 25	0 35	21 5	0 3	4 55	2 24	11 7	0 31	3 11	1 5	22 50	3 4	19 34	19 39	21 5	17 43	4 55
F 14	9 25	17 0	1 14	10 10	0 24	20 52	1 2	7 43	0 34	21 4	0 3	4 57	2 24	11 8	0 31	3 11	1 5	22 50	3 4	19 34	19 40	21 6	17 44	4 55
S 15	9 47	13 57	2 15	11 4	0 14	21 10	1 5	8 0	0 34	21 3	0 3	4 58	2 23	11 9	0 31	3 10	1 5	22 50	3 4	19 35	19 40	21 6	17 44	4 54
S 16	10 8	10 12	3 10	11 58	0 3	21 28	1 8	8 18	0 33	21 2	0 3	4 59	2 23	11 10	0 31	3 9	1 5	22 50	3 4	19 36	19 41	21 6	17 45	4 54
M17	10 29	5 54	3 58	12 51	0n 8	21 46	1 11	8 35	0 33	21 1	0 3	5 1	2 23	11 11	0 31	3 8	1 5	22 50	3 4	19 38	19 42	21 6	17 46	4 54
T 18	10 50	1 12	4 34	13 44	0 19	22 3	1 14	8 53	0 32	21 0	0 3	5 2	2 23	11 13	0 31	3 8	1 5	22 50	3 4	19 40	19 42	21 6	17 46	4 54
W19	11 11	3n41	4 55	14 35	0 30	22 19	1 17	9 10	0 32	21 0	0 3	5 3	2 23	11 14	0 31	3 7	1 5	22 50	3 4	19 42	19 43	21 7	17 47	4 54
T 20	11 32	8 30	5 0	15 25	0 41	22 34	1 20	9 27	0 31	20 59	0 3	5 4	2 23	11 15	0 31	3 6	1 6	22 49	3 4	19 45	19 44	21 7	17 47	4 53
F 21	11 52	12 56	4 46	16 13	0 51	22 50	1 23	9 44	0 30	20 58	0 4	5 6	2 23	11 16	0 31	3 5	1 6	22 49	3 4	19 48	19 45	21 7	17 48	4 53
S 22	12 12	16 41	4 15	17 0	1 2	23 4	1 26	10 1	0 30	20 58	0 4	5 7	2 23	11 17	0 31	3 5	1 6	22 49	3 4	19 50	19 45	21 7	17 48	4 53
S 23	12 33	19 27	3 27	17 45	1 13	23 18	1 28	10 18	0 29	20 57	0 4	5 8	2 23	11 19	0 31	3 4	1 6	22 49	3 4	19 52	19 46	21 7	17 49	4 53
M24	12 52	20 58	2 26	18 28	1 23	23 31	1 31	10 35	0 29	20 56	0 4	5 9	2 22	11 20	0 31	3 3	1 6	22 49	3 4	19 53	19 47	21 7	17 50	4 53
T 25	13 12	21 7	1 16	19 9	1 33	23 44	1 34	10 51	0 28	20 56	0 4	5 10	2 22	11 21	0 31	3 2	1 6	22 49	3 4	19 53	19 47	21 7	17 50	4 53
W26	13 32	19 55	0 1	19 47	1 42	23 56	1 37	11 8	0 27	20 55	0 4	5 11	2 22	11 22	0 31	3 2	1 6	22 49	3 4	19 53	19 48	21 8	17 51	4 53
T 27	13 51	17 30	1n12	20 23	1 51	24 7	1 39	11 24	0 27	20 55	0 4	5 12	2 22	11 23	0 31	3 1	1 6	22 49	3 4	19 53	19 49	21 8	17 51	4 52
F 28	14 10	14 5	2 21	20 57	1 59	24 18	1 42	11 40	0 26	20 54	0 5	5 13	2 22	11 25	0 31	3 0	1 6	22 49	3 4	19 53	19 49	21 8	17 52	4 52
S 29	14 28	9 57	3 20	21 28	2 6	24 28	1 45	11 56	0 26	20 54	0 5	5 14	2 22	11 26	0 31	3 0	1 6	22 49	3 4	19 54	19 50	21 8	17 52	4 52
S 30	14n47	5n22	4n 7	21n57	2n13	24n37	1n47	12n12	0s25	20s53	0s 5	5n14	2n22	11n27	0s31	2s59	1s 6	22n49	3n 4	19n55	19n51	21s 8	17n53	4s52

Julian Day Number = 2519570.5, Delta T = 150.15 sec
Ecliptic obliquity = 23°24'50, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°20'35, Lahiri = 26°27'35

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2186
geocentric

MAY 2186 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 36 44	10♉55'21	9♎24	29♉55	18♊50	4♉ 2	26♑38	22°R13	1♉24	25♓ 3	1♌24	0°R49	1♌15	15♑ 0	16♊30	M 1
T 2	14 40 40	11°53'39	22°35	1♊23	20° 0	4°47	26°41	22♍10	1°27	25° 5	1°24	0♌38	1°12	15° 7	16°35	T 2
W 3	14 44 37	12°51'56	5♏34	2°47	21°10	5°32	26°43	22° 8	1°31	25° 6	1°25	0°26	1° 9	15°13	16°39	W 3
T 4	14 48 33	13°50'10	18°19	4° 6	22°20	6°17	26°45	22° 6	1°34	25° 8	1°25	0°13	1° 6	15°20	16°43	T 4
F 5	14 52 30	14°48'23	0♐51	5°21	23°30	7° 2	26°47	22° 4	1°38	25°10	1°26	0° 1	1° 2	15°26	16°48	F 5
S 6	14 56 26	15°46'35	13° 9	6°32	24°39	7°47	26°49	22° 2	1°41	25°11	1°26	29♋52	0°59	15°33	16°52	S 6
S 7	15 0 23	16°44'44	25°14	7°38	25°49	8°31	26°50	22° 1	1°44	25°13	1°27	29°44	0°56	15°40	16°57	S 7
M 8	15 4 20	17°42'53	7♑10	8°39	26°58	9°16	26°51	21°59	1°48	25°14	1°27	29°39	0°53	15°46	17° 1	M 8
T 9	15 8 16	18°40'59	19° 0	9°35	28° 7	10° 1	26°52	21°57	1°51	25°16	1°28	29°37	0°50	15°53	17° 6	T 9
W10	15 12 13	19°39'05	0♒47	10°27	29°17	10°45	26°53	21°56	1°54	25°17	1°29	29°D37	0°47	16° 0	17°11	W10
T 11	15 16 9	20°37'09	12°38	11°14	0♋26	11°30	26°54	21°54	1°58	25°19	1°29	29°37	0°43	16° 6	17°15	T 11
F 12	15 20 6	21°35'11	24°37	11°56	1°34	12°14	26°55	21°53	2° 1	25°20	1°30	29°R37	0°40	16°13	17°20	F 12
S 13	15 24 2	22°33'12	6♓50	12°33	2°43	12°59	26°55	21°52	2° 4	25°22	1°31	29°36	0°37	16°20	17°25	S 13
S 14	15 27 59	23°31'12	19°22	13° 5	3°52	13°43	26°R55	21°51	2° 8	25°23	1°32	29°33	0°34	16°26	17°29	S 14
M15	15 31 55	24°29'10	2♈17	13°32	5° 0	14°28	26°55	21°50	2°11	25°25	1°32	29°28	0°31	16°33	17°34	M15
T 16	15 35 52	25°27'07	15°38	13°54	6° 9	15°12	26°55	21°49	2°14	25°26	1°33	29°21	0°27	16°40	17°39	T 16
W17	15 39 48	26°25'03	29°25	14°10	7°17	15°56	26°54	21°48	2°17	25°27	1°34	29°12	0°24	16°46	17°44	W17
T 18	15 43 45	27°22'58	13♉37	14°22	8°25	16°41	26°54	21°48	2°20	25°29	1°35	29° 2	0°21	16°53	17°48	T 18
F 19	15 47 42	28°20'51	28° 8	14°29	9°33	17°25	26°53	21°47	2°24	25°30	1°36	28°52	0°18	17° 0	17°53	F 19
S 20	15 51 38	29°18'43	12♊52	14°R31	10°41	18° 9	26°52	21°47	2°27	25°31	1°36	28°44	0°15	17° 6	17°58	S 20
S 21	15 55 35	0♊16'33	27°41	14°28	11°49	18°53	26°51	21°46	2°30	25°32	1°37	28°39	0°12	17°13	18° 3	S 21
M22	15 59 31	1°14'22	12♋27	14°21	12°56	19°37	26°50	21°46	2°33	25°34	1°38	28°35	0° 8	17°19	18° 8	M22
T 23	16 3 28	2°12'09	27° 3	14° 9	14° 4	20°21	26°48	21°46	2°36	25°35	1°39	28°D34	0° 5	17°26	18°13	T 23
W24	16 7 24	3° 9'54	11♌26	13°53	15°11	21° 5	26°46	21°D46	2°39	25°36	1°40	28°35	0° 2	17°33	18°18	W24
T 25	16 11 21	4° 7'38	25°34	13°33	16°18	21°49	26°44	21°46	2°42	25°37	1°41	28°36	29♋59	17°39	18°23	T 25
F 26	16 15 18	5° 5'20	9♍24	13°10	17°25	22°32	26°42	21°46	2°45	25°38	1°42	28°R36	29°56	17°46	18°28	F 26
S 27	16 19 14	6° 3'00	22°58	12°43	18°32	23°16	26°40	21°46	2°48	25°39	1°43	28°34	29°53	17°53	18°33	S 27
S 28	16 23 11	7° 0'39	6♎17	12°14	19°38	24° 0	26°37	21°47	2°51	25°40	1°44	28°31	29°49	17°59	18°38	S 28
M29	16 27 7	7°58'17	19°21	11°43	20°45	24°43	26°35	21°47	2°54	25°41	1°45	28°26	29°46	18° 6	18°43	M29
T 30	16 31 4	8°55'53	2♏13	11°11	21°51	25°27	26°32	21°48	2°57	25°42	1°46	28°18	29°43	18°13	18°48	T 30
W31	16 35 0	9♊53'27	14♏52	10♊37	22♋57	26♉10	26♑29	21♍48	3♉ 0	25♓43	1♌47	28♋10	29♋40	18♑19	18♊53	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	15n 5	0n35	4n40	22n23	2n19	24n46	1n49	12n28	0s24	20s53	0s 5	5n15	2n21	11n28	0s31	2s58	1s 6	22n49	3n 4	19n57	19n52	21s 8	17n53	4s52
T 2	15 23	4s10	4 58	22 46	2 24	24 54	1 52	12 44	0 24	20 53	0 5	5 16	2 21	11 29	0 31	2 58	1 6	22 48	3 4	20 0	19 52	21 8	17 54	4 52
W 3	15 41	8 39	5 0	23 7	2 29	25 1	1 54	12 59	0 23	20 53	0 5	5 17	2 21	11 30	0 31	2 57	1 6	22 48	3 4	20 2	19 53	21 8	17 54	4 52
T 4	15 59	12 41	4 46	23 26	2 32	25 8	1 57	13 15	0 22	20 52	0 5	5 17	2 21	11 32	0 31	2 57	1 6	22 48	3 3	20 5	19 54	21 8	17 55	4 52
F 5	16 16	16 5	4 19	23 42	2 34	25 14	1 59	13 30	0 22	20 52	0 5	5 18	2 21	11 33	0 31	2 56	1 6	22 48	3 3	20 7	19 54	21 9	17 55	4 51
S 6	16 33	18 43	3 40	23 56	2 36	25 19	2 1	13 45	0 21	20 52	0 6	5 18	2 21	11 34	0 31	2 55	1 6	22 48	3 3	20 10	19 55	21 9	17 56	4 51
S 7	16 49	20 28	2 52	24 8	2 36	25 24	2 3	14 0	0 21	20 52	0 6	5 19	2 20	11 35	0 31	2 55	1 6	22 48	3 3	20 11	19 56	21 9	17 57	4 51
M 8	17 6	21 17	1 56	24 17	2 36	25 28	2 5	14 15	0 20	20 52	0 6	5 20	2 20	11 36	0 31	2 54	1 6	22 48	3 3	20 12	19 56	21 9	17 57	4 51
T 9	17 22	21 8	0 56	24 25	2 35	25 31	2 7	14 30	0 19	20 52	0 6	5 20	2 20	11 37	0 31	2 54	1 6	22 48	3 3	20 13	19 57	21 9	17 58	4 51
W10	17 38	20 4	0s 6	24 30	2 32	25 34	2 9	14 44	0 19	20 51	0 6	5 20	2 20	11 39	0 31	2 53	1 6	22 47	3 3	20 13	19 58	21 9	17 58	4 51
T 11	17 53	18 6	1 9	24 33	2 28	25 36	2 11	14 59	0 18	20 51	0 6	5 21	2 20	11 40	0 31	2 52	1 6	22 47	3 3	20 13	19 58	21 9	17 59	4 51
F 12	18 8	15 20	2 9	24 34	2 24	25 37	2 12	15 13	0 17	20 52	0 6	5 21	2 20	11 41	0 31	2 52	1 6	22 47	3 3	20 13	19 59	21 9	17 59	4 51
S 13	18 23	11 51	3 5	24 33	2 18	25 37	2 14	15 27	0 17	20 52	0 7	5 21	2 19	11 42	0 31	2 51	1 6	22 47	3 3	20 13	20 0	21 9	18 0	4 51
S 14	18 38	7 47	3 53	24 31	2 11	25 37	2 16	15 41	0 16	20 52	0 7	5 22	2 19	11 43	0 31	2 51	1 6	22 47	3 3	20 13	20 1	21 9	18 0	4 51
M15	18 52	3 14	4 31	24 26	2 3	25 36	2 17	15 55	0 15	20 52	0 7	5 22	2 19	11 44	0 31	2 50	1 6	22 47	3 3	20 14	20 1	21 9	18 1	4 51
T 16	19 6	1n36	4 56	24 20	1 54	25 35	2 19	16 9	0 15	20 52	0 7	5 22	2 19	11 45	0 31	2 50	1 6	22 46	3 3	20 16	20 2	21 9	18 1	4 51
W17	19 20	6 31	5 4	24 12	1 44	25 33	2 20	16 22	0 14	20 52	0 7	5 22	2 19	11 46	0 31	2 49	1 6	22 46	3 3	20 18	20 3	21 9	18 1	4 51
T 18	19 33	11 13	4 54	24 3	1 33	25 30	2 21	16 35	0 13	20 53	0 7	5 22	2 18	11 48	0 31	2 49	1 6	22 46	3 3	20 20	20 3	21 9	18 2	4 51
F 19	19 46	15 24	4 26	23 51	1 21	25 26	2 22	16 48	0 13	20 53	0 8	5 22	2 18	11 49	0 31	2 48	1 7	22 46	3 3	20 22	20 4	21 9	18 2	4 50
S 20	19 59	18 41	3 39	23 39	1 8	25 22	2 23	17 1	0 12	20 53	0 8	5 22	2 18	11 50	0 31	2 48	1 7	22 46	3 3	20 23	20 5	21 9	18 3	4 50
S 21	20 11	20 46	2 38	23 25	0 54	25 17	2 24	17 14	0 12	20 54	0 8	5 22	2 18	11 51	0 31	2 47	1 7	22 45	3 3	20 25	20 5	21 9	18 3	4 50
M22	20 23	21 25	1 25	23 9	0 40	25 12	2 25	17 27	0 11	20 54	0 8	5 22	2 18	11 52	0 31	2 47	1 7	22 45	3 3	20 25	20 6	21 9	18 4	4 50
T 23	20 35	20 35	0 8	22 52	0 24	25 5	2 26	17 39	0 10	20 54	0 8	5 22	2 18	11 53	0 31	2 47	1 7	22 45	3 3	20 25	20 7	21 9	18 4	4 50
W24	20 46	18 26	1n 9	22 34	0 8	24 59	2 27	17 51	0 10	20 55	0 8	5 22	2 17	11 54	0 31	2 46	1 7	22 45	3 3	20 25	20 7	21 9	18 5	4 50
T 25	20 57	15 11	2 20	22 15	0s 9	24 51	2 27	18 3	0 9	20 55	0 8	5 22	2 17	11 55	0 31	2 46	1 7	22 45	3 3	20 25	20 8	21 9	18 5	4 50
F 26	21 7	11 9	3 21	21 55	0 26	24 43	2 28	18 15	0 8	20 56	0 9	5 22	2 17	11 56	0 31	2 45	1 7	22 44	3 3	20 25	20 9	21 9	18 5	4 50
S 27	21 18	6 37	4 10	21 35	0 44	24 35	2 28	18 27	0 8	20 57	0 9	5 21	2 17	11 57	0 31	2 45	1 7	22 44	3 3	20 25	20 9	21 9	18 6	4 50
S 28	21 27	1 52	4 45	21 14	1 1	24 25	2 28	18 38	0 7	20 57	0 9	5 21	2 17	11 58	0 31	2 45	1 7	22 44	3 3	20 26	20 10	21 9	18 6	4 50
M29	21 37	2s53	5 3	20 52	1 19	24 15	2 28	18 50	0 6	20 58	0 9	5 21	2 16	11 59	0 31	2 44	1 7	22 44	3 3	20 27	20 11	21 9	18 7	4 50
T 30	21 46	7 26	5 6	20 30	1 36	24 5	2 28	19 1	0 6	20 59	0 9	5 20	2 16	12 0	0 31	2 44	1 7	22 43	3 3	20 29	20 11	21 9	18 7	4 50
W31	21n55	11s35	4n54	20n 9	1s53	23n54	2n28	19n12	0s 5	20s59	0s 9	5n20	2n16	12n 1	0s31	2s44	1s 7	22n43	3n 3	20n30	20n12	21s 9	18n 7	4s50

Julian Day Number = 2519600.5, Delta T = 150.22 sec
Ecliptic obliquity = 23°24'50, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°20'39, Lahiri = 26°27'39

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2186
geocentric

JUNE 2186 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 38 57	10♊51'01	27♏19	10°R 3	24♋ 3	26♉54	26°R26	21♍49	3♉ 3	25♓44	1♎49	28°R 1	29♋37	18♑26	18♊58	T 1
F 2	16 42 53	11°48'33	9♐35	9♊30	25° 8	27°37	26♑22	21°50	3° 6	25°45	1°50	27♋53	29°33	18°33	19° 3	F 2
S 3	16 46 50	12°46'05	21°42	8°57	26°14	28°20	26°19	21°51	3° 9	25°46	1°51	27°47	29°30	18°39	19° 8	S 3
S 4	16 50 47	13°43'35	3♑40	8°25	27°19	29° 4	26°15	21°52	3°12	25°46	1°52	27°42	29°27	18°46	19°13	S 4
M 5	16 54 43	14°41'04	15°31	7°56	28°24	29°47	26°11	21°53	3°14	25°47	1°53	27°39	29°24	18°53	19°18	M 5
T 6	16 58 40	15°38'32	27°19	7°29	29°29	0♊30	26° 7	21°55	3°17	25°48	1°54	27°D38	29°21	18°59	19°23	T 6
W 7	17 2 36	16°36'00	9♒ 6	7° 4	0♌33	1°13	26° 3	21°56	3°20	25°49	1°56	27°39	29°18	19° 6	19°28	W 7
T 8	17 6 33	17°33'27	20°57	6°43	1°38	1°56	25°59	21°57	3°23	25°49	1°57	27°40	29°14	19°13	19°33	T 8
F 9	17 10 29	18°30'53	2♓57	6°25	2°42	2°39	25°54	21°59	3°25	25°50	1°58	27°42	29°11	19°19	19°38	F 9
S 10	17 14 26	19°28'18	15° 9	6°11	3°45	3°22	25°49	22° 1	3°28	25°51	1°59	27°R43	29° 8	19°26	19°43	S 10
S 11	17 18 22	20°25'43	27°40	6° 2	4°49	4° 5	25°45	22° 3	3°30	25°51	2° 1	27°43	29° 5	19°32	19°48	S 11
M12	17 22 19	21°23'07	10♈32	5°56	5°52	4°48	25°40	22° 4	3°33	25°52	2° 2	27°41	29° 2	19°39	19°53	M12
T 13	17 26 16	22°20'31	23°51	5°D55	6°55	5°31	25°34	22° 6	3°36	25°52	2° 3	27°38	28°59	19°46	19°59	T 13
W14	17 30 12	23°17'54	7♉38	5°58	7°58	6°14	25°29	22° 8	3°38	25°53	2° 5	27°34	28°55	19°52	20° 4	W14
T 15	17 34 9	24°15'17	21°52	6° 6	9° 1	6°56	25°24	22°11	3°41	25°53	2° 6	27°29	28°52	19°59	20° 9	T 15
F 16	17 38 5	25°12'39	6♊29	6°19	10° 3	7°39	25°18	22°13	3°43	25°54	2° 7	27°24	28°49	20° 6	20°14	F 16
S 17	17 42 2	26°10'00	21°24	6°36	11° 5	8°22	25°12	22°15	3°45	25°54	2° 9	27°20	28°46	20°12	20°19	S 17
S 18	17 45 58	27° 7'21	6♋29	6°57	12° 7	9° 4	25° 7	22°18	3°48	25°54	2°10	27°18	28°43	20°19	20°24	S 18
M19	17 49 55	28° 4'42	21°33	7°23	13° 8	9°47	25° 1	22°20	3°50	25°55	2°12	27°D17	28°39	20°26	20°29	M19
T 20	17 53 51	29° 2'01	6♌30	7°53	14° 9	10°29	24°54	22°23	3°52	25°55	2°13	27°17	28°36	20°32	20°34	T 20
W21	17 57 48	29°59'20	21°11	8°28	15°10	11°11	24°48	22°26	3°55	25°55	2°15	27°18	28°33	20°39	20°39	W21
T 22	18 1 45	0♋56'38	5♍31	9° 7	16°10	11°54	24°42	22°29	3°57	25°55	2°16	27°19	28°30	20°46	20°44	T 22
F 23	18 5 41	1°53'55	19°30	9°50	17°10	12°36	24°35	22°32	3°59	25°56	2°17	27°20	28°27	20°52	20°49	F 23
S 24	18 9 38	2°51'11	3♎ 6	10°38	18°10	13°18	24°29	22°35	4° 1	25°56	2°19	27°R21	28°24	20°59	20°54	S 24
S 25	18 13 34	3°48'27	16°21	11°29	19° 9	14° 0	24°22	22°38	4° 3	25°56	2°20	27°20	28°20	21° 6	20°59	S 25
M26	18 17 31	4°45'42	29°16	12°25	20° 8	14°42	24°15	22°41	4° 5	25°56	2°22	27°19	28°17	21°12	21° 4	M26
T 27	18 21 27	5°42'56	11♏55	13°24	21° 6	15°24	24° 9	22°44	4° 7	25°56	2°23	27°16	28°14	21°19	21° 9	T 27
W28	18 25 24	6°40'10	24°20	14°28	22° 5	16° 6	24° 2	22°48	4° 9	25°R56	2°25	27°13	28°11	21°25	21°14	W28
T 29	18 29 20	7°37'23	6♐33	15°35	23° 2	16°48	23°55	22°51	4°11	25°56	2°26	27°10	28° 8	21°32	21°19	T 29
F 30	18 33 17	8♋34'36	18♐37	16♊46	23♌59	17♊30	23♑47	22♍55	4♉13	25♓56	2♌28	27♋ 7	28♋ 5	21♑39	21♊24	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n 3	15s11	4n28	19n48	2s10	23n42	2n28	19n22	0s 4	21s 0	0s 9	5n19	2n16	12n 2	0s31	2s43	1s 7	22n43	3n 3	20n32	20n13	21s 9	18n 8	4s50
F 2	22 11	18 4	3 50	19 27	2 26	23 30	2 28	19 33	0 4	21 1	0 10	5 19	2 16	12 3	0 31	2 43	1 7	22 43	3 3	20 34	20 13	21 9	18 8	4 50
S 3	22 18	20 7	3 2	19 7	2 41	23 17	2 27	19 43	0 3	21 2	0 10	5 18	2 15	12 4	0 31	2 43	1 7	22 42	3 3	20 35	20 14	21 9	18 9	4 51
S 4	22 25	21 15	2 6	18 48	2 55	23 4	2 27	19 53	0 2	21 2	0 10	5 18	2 15	12 5	0 31	2 42	1 7	22 42	3 3	20 36	20 15	21 9	18 9	4 51
M 5	22 32	21 26	1 5	18 31	3 8	22 50	2 26	20 3	0 2	21 3	0 10	5 17	2 15	12 6	0 31	2 42	1 7	22 42	3 3	20 36	20 15	21 9	18 9	4 51
T 6	22 38	20 39	0 2	18 14	3 20	22 36	2 25	20 13	0 1	21 4	0 10	5 16	2 15	12 7	0 31	2 42	1 7	22 42	3 3	20 37	20 16	21 9	18 10	4 51
W 7	22 44	18 57	1s 2	18 0	3 31	22 21	2 24	20 23	0 0	21 5	0 10	5 16	2 15	12 8	0 31	2 42	1 7	22 41	3 3	20 37	20 17	21 9	18 10	4 51
T 8	22 50	16 27	2 4	17 47	3 41	22 6	2 23	20 32	0n 0	21 6	0 11	5 15	2 14	12 9	0 31	2 41	1 7	22 41	3 3	20 36	20 17	21 9	18 10	4 51
F 9	22 55	13 13	3 0	17 35	3 49	21 50	2 22	20 41	0 1	21 7	0 11	5 14	2 14	12 9	0 31	2 41	1 7	22 41	3 3	20 36	20 18	21 9	18 11	4 51
S 10	23 0	9 23	3 50	17 26	3 57	21 34	2 21	20 50	0 2	21 8	0 11	5 13	2 14	12 10	0 31	2 41	1 7	22 40	3 3	20 36	20 19	21 9	18 11	4 51
S 11	23 4	5 4	4 30	17 18	4 3	21 17	2 19	20 59	0 2	21 9	0 11	5 12	2 14	12 11	0 31	2 41	1 8	22 40	3 3	20 36	20 19	21 9	18 11	4 51
M12	23 8	0 25	4 58	17 13	4 7	21 0	2 17	21 7	0 3	21 10	0 11	5 11	2 14	12 12	0 31	2 41	1 8	22 40	3 4	20 36	20 20	21 9	18 11	4 51
T 13	23 12	4n25	5 11	17 9	4 10	20 43	2 16	21 16	0 4	21 11	0 11	5 10	2 13	12 13	0 31	2 40	1 8	22 40	3 4	20 37	20 21	21 9	18 12	4 51
W14	23 15	9 11	5 7	17 8	4 13	20 25	2 14	21 24	0 4	21 13	0 12	5 9	2 13	12 14	0 31	2 40	1 8	22 39	3 4	20 38	20 21	21 8	18 12	4 51
T 15	23 17	13 38	4 45	17 8	4 14	20 6	2 12	21 32	0 5	21 14	0 12	5 8	2 13	12 15	0 31	2 40	1 8	22 39	3 4	20 38	20 22	21 8	18 12	4 51
F 16	23 20	17 23	4 3	17 11	4 13	19 47	2 10	21 39	0 6	21 15	0 12	5 7	2 13	12 15	0 31	2 40	1 8	22 39	3 4	20 39	20 22	21 8	18 13	4 51
S 17	23 21	20 4	3 4	17 15	4 12	19 28	2 7	21 47	0 6	21 16	0 12	5 6	2 13	12 16	0 31	2 40	1 8	22 38	3 4	20 40	20 23	21 8	18 13	4 52
S 18	23 23	21 24	1 52	17 20	4 10	19 8	2 5	21 54	0 7	21 17	0 12	5 5	2 13	12 17	0 31	2 40	1 8	22 38	3 4	20 41	20 24	21 8	18 13	4 52
M19	23 24	21 10	0 31	17 28	4 7	18 48	2 2	22 1	0 8	21 19	0 12	5 4	2 12	12 18	0 31	2 40	1 8	22 38	3 4	20 41	20 24	21 8	18 13	4 52
T 20	23 25	19 27	0n50	17 37	4 3	18 28	1 59	22 8	0 8	21 20	0 12	5 3	2 12	12 19	0 31	2 40	1 8	22 38	3 4	20 41	20 25	21 8	18 13	4 52
W21	23 25	16 26	2 8	17 47	3 57	18 8	1 56	22 14	0 9	21 21	0 13	5 1	2 12	12 19	0 31	2 40	1 8	22 37	3 4	20 41	20 26	21 8	18 14	4 52
T 22	23 25	12 30	3 15	17 59	3 52	17 47	1 53	22 21	0 10	21 22	0 13	5 0	2 12	12 20	0 31	2 40	1 8	22 37	3 4	20 40	20 26	21 8	18 14	4 52
F 23	23 24	7 58	4 9	18 12	3 45	17 25	1 50	22 27	0 10	21 24	0 13	4 59	2 12	12 21	0 31	2 40	1 8	22 37	3 4	20 40	20 27	21 7	18 14	4 52
S 24	23 23	3 10	4 47	18 26	3 38	17 4	1 47	22 33	0 11	21 25	0 13	4 57	2 11	12 21	0 31	2 40	1 8	22 36	3 4	20 40	20 28	21 7	18 14	4 52
S 25	23 22	1s40	5 9	18 41	3 29	16 42	1 43	22 39	0 12	21 26	0 13	4 56	2 11	12 22	0 31	2 40	1 8	22 36	3 4	20 40	20 28	21 7	18 14	4 53
M26	23 20	6 17	5 15	18 56	3 21	16 20	1 40	22 44	0 12	21 28	0 13	4 54	2 11	12 23	0 31	2 40	1 8	22 36	3 4	20 41	20 29	21 7	18 15	4 53
T 27	23 17	10 33	5 5	19 13	3 12	15 57	1 36	22 50	0 13	21 29	0 14	4 53	2 11	12 24	0 31	2 40	1 8	22 35	3 4	20 41	20 30	21 7	18 15	4 53
W28	23 15	14 18	4 41	19 30	3 2	15 35	1 32	22 55	0 13	21 30	0 14	4 52	2 11	12 24	0 31	2 40	1 8	22 35	3 4	20 42	20 30	21 7	18 15	4 53
T 29	23 12	17 22	4 4	19 48	2 51	15 12	1 27	23 0	0 14	21 32	0 14	4 50	2 11	12 25	0 31	2 40	1 8	22 35	3 4	20 42	20 31	21 6	18 15	4 53
F 30	23n 8	19s39	3n17	20n 5	2s41	14n49	1n23	23n 4	0n15	21s33	0s14	4n48	2n10	12n25	0s31	2s40	1s 8	22n34	3n 4	20n43	20n31	21s 6	18n15	4s53

Julian Day Number = 2519631.5, Delta T = 150.30 sec
Ecliptic obliquity = 23°24'49, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°20'43, Lahiri = 26°27'44

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2186
geocentric

JULY 2186 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 37 14	9♋31'48	0♉33	18♊ 1	24♌56	18♊12	23°R40	22♍58	4♉15	25°R56	2♌30	27°R 5	28♋ 1	21♉45	21♊29	S 1
S 2	18 41 10	10°29'00	12°24	19°19	25°52	18°54	23♉33	23° 2	4°17	25♓56	2°31	27♋ 4	27°58	21°52	21°34	S 2
M 3	18 45 7	11°26'12	24°13	20°41	26°48	19°35	23°26	23° 6	4°19	25°56	2°33	27°D 3	27°55	21°59	21°39	M 3
T 4	18 49 3	12°23'24	6♒ 0	22° 7	27°43	20°17	23°18	23°10	4°21	25°56	2°34	27° 3	27°52	22° 5	21°44	T 4
W 5	18 53 0	13°20'36	17°50	23°36	28°38	20°58	23°11	23°14	4°22	25°55	2°36	27° 4	27°49	22°12	21°49	W 5
T 6	18 56 56	14°17'48	29°44	25° 9	29°32	21°40	23° 3	23°18	4°24	25°55	2°37	27° 5	27°45	22°19	21°53	T 6
F 7	19 0 53	15°15'00	11♓47	26°45	0♍26	22°21	22°56	23°22	4°26	25°55	2°39	27° 6	27°42	22°25	21°58	F 7
S 8	19 4 49	16°12'12	24° 1	28°25	1°19	23° 3	22°48	23°26	4°27	25°55	2°41	27° 7	27°39	22°32	22° 3	S 8
S 9	19 8 46	17° 9'25	6♈32	0♋ 8	2°12	23°44	22°40	23°30	4°29	25°54	2°42	27° 8	27°36	22°39	22° 8	S 9
M10	19 12 43	18° 6'37	19°23	1°54	3° 3	24°26	22°33	23°35	4°30	25°54	2°44	27°R 8	27°33	22°45	22°13	M10
T 11	19 16 39	19° 3'50	2♉37	3°44	3°55	25° 7	22°25	23°39	4°32	25°54	2°45	27° 8	27°30	22°52	22°17	T 11
W12	19 20 36	20° 1'04	16°16	5°36	4°45	25°48	22°17	23°44	4°33	25°53	2°47	27° 7	27°26	22°58	22°22	W12
T 13	19 24 32	20°58'18	0♊22	7°31	5°35	26°29	22°10	23°48	4°34	25°53	2°49	27° 7	27°23	23° 5	22°27	T 13
F 14	19 28 29	21°55'32	14°53	9°29	6°24	27°10	22° 2	23°53	4°36	25°52	2°50	27° 6	27°20	23°12	22°31	F 14
S 15	19 32 25	22°52'47	29°45	11°29	7°13	27°51	21°54	23°58	4°37	25°52	2°52	27° 5	27°17	23°18	22°36	S 15
S 16	19 36 22	23°50'02	14♋50	13°31	8° 1	28°32	21°46	24° 3	4°38	25°51	2°54	27° 5	27°14	23°25	22°41	S 16
M17	19 40 19	24°47'18	0♌ 2	15°34	8°48	29°13	21°39	24° 8	4°39	25°51	2°55	27°D 5	27°11	23°32	22°45	M17
T 18	19 44 15	25°44'34	15° 9	17°40	9°34	29°54	21°31	24°13	4°40	25°50	2°57	27° 5	27° 7	23°38	22°50	T 18
W19	19 48 12	26°41'49	0♍ 3	19°46	10°19	0♋35	21°23	24°18	4°42	25°49	2°59	27°R 5	27° 4	23°45	22°54	W19
T 20	19 52 8	27°39'05	14°38	21°54	11° 3	1°16	21°16	24°23	4°43	25°49	3° 0	27° 5	27° 1	23°52	22°59	T 20
F 21	19 56 5	28°36'21	28°48	24° 2	11°47	1°57	21° 8	24°28	4°44	25°48	3° 2	27° 5	26°58	23°58	23° 3	F 21
S 22	20 0 1	29°33'38	12♎32	26°10	12°29	2°37	21° 0	24°33	4°44	25°47	3° 4	27° 5	26°55	24° 5	23° 8	S 22
S 23	20 3 58	0♌30'54	25°50	28°19	13°11	3°18	20°53	24°39	4°45	25°47	3° 5	27°D 5	26°51	24°12	23°12	S 23
M24	20 7 54	1°28'11	8♏44	0♌27	13°52	3°58	20°45	24°44	4°46	25°46	3° 7	27° 5	26°48	24°18	23°16	M24
T 25	20 11 51	2°25'27	21°18	2°34	14°31	4°39	20°38	24°49	4°47	25°45	3° 9	27° 5	26°45	24°25	23°21	T 25
W26	20 15 47	3°22'45	3♐36	4°41	15° 9	5°19	20°31	24°55	4°48	25°44	3°10	27° 6	26°42	24°32	23°25	W26
T 27	20 19 44	4°20'02	15°40	6°47	15°46	6° 0	20°23	25° 0	4°48	25°43	3°12	27° 6	26°39	24°38	23°29	T 27
F 28	20 23 41	5°17'20	27°36	8°52	16°22	6°40	20°16	25° 6	4°49	25°42	3°14	27° 7	26°36	24°45	23°33	F 28
S 29	20 27 37	6°14'39	9♑26	10°56	16°57	7°20	20° 9	25°12	4°50	25°41	3°15	27° 8	26°32	24°51	23°37	S 29
S 30	20 31 34	7°11'58	21°14	12°58	17°30	8° 1	20° 2	25°18	4°50	25°41	3°17	27°R 8	26°29	24°58	23°42	S 30
M31	20 35 30	8♌ 9'17	3♒ 2	14♌59	18♍ 2	8♋41	19♑55	25♍23	4♉51	25♓40	3♌19	27♋ 8	26♋26	25♑ 5	23♊46	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n 4	21s 3	2n21	20n23	2s30	14n26	1n19	23n 9	0n15	21s35	0s14	4n47	2n10	12n26	0s31	2s40	1s 8	22n34	3n 4	20n43	20n32	21s 6	18n15	4s54
S 2	23 0	21 30	1 20	20 41	2 18	14 2	1 14	23 13	0 16	21 36	0 14	4 45	2 10	12 27	0 31	2 40	1 9	22 34	3 4	20 43	20 33	21 6	18 15	4 54
M 3	22 55	20 59	0 16	20 59	2 6	13 39	1 9	23 17	0 17	21 37	0 14	4 44	2 10	12 27	0 31	2 40	1 9	22 33	3 4	20 44	20 33	21 6	18 16	4 54
T 4	22 50	19 33	0s49	21 17	1 54	13 15	1 4	23 21	0 17	21 39	0 15	4 42	2 10	12 28	0 31	2 40	1 9	22 33	3 4	20 44	20 34	21 6	18 16	4 54
W 5	22 45	17 16	1 53	21 34	1 42	12 51	0 59	23 24	0 18	21 40	0 15	4 40	2 10	12 28	0 31	2 40	1 9	22 33	3 4	20 43	20 35	21 5	18 16	4 54
T 6	22 39	14 14	2 52	21 50	1 30	12 27	0 53	23 28	0 19	21 42	0 15	4 38	2 9	12 29	0 31	2 40	1 9	22 32	3 4	20 43	20 35	21 5	18 16	4 55
F 7	22 33	10 35	3 44	22 5	1 17	12 3	0 48	23 31	0 19	21 43	0 15	4 37	2 9	12 29	0 31	2 40	1 9	22 32	3 4	20 43	20 36	21 5	18 16	4 55
S 8	22 26	6 27	4 26	22 20	1 5	11 39	0 42	23 34	0 20	21 44	0 15	4 35	2 9	12 30	0 31	2 41	1 9	22 32	3 4	20 43	20 37	21 5	18 16	4 55
S 9	22 19	1 58	4 57	22 33	0 52	11 15	0 36	23 37	0 21	21 46	0 15	4 33	2 9	12 30	0 31	2 41	1 9	22 31	3 4	20 43	20 37	21 5	18 16	4 55
M10	22 11	2n43	5 15	22 45	0 39	10 50	0 30	23 39	0 21	21 47	0 16	4 31	2 9	12 31	0 31	2 41	1 9	22 31	3 4	20 43	20 38	21 4	18 16	4 56
T 11	22 4	7 25	5 16	22 55	0 27	10 26	0 24	23 41	0 22	21 49	0 16	4 29	2 9	12 31	0 31	2 41	1 9	22 31	3 4	20 43	20 38	21 4	18 16	4 56
W12	21 55	11 53	5 0	23 3	0 15	10 1	0 17	23 44	0 23	21 50	0 16	4 27	2 8	12 32	0 31	2 41	1 9	22 30	3 4	20 43	20 39	21 4	18 16	4 56
T 13	21 47	15 52	4 26	23 9	0 3	9 37	0 10	23 45	0 23	21 51	0 16	4 25	2 8	12 32	0 31	2 42	1 9	22 30	3 5	20 43	20 40	21 4	18 16	4 56
F 14	21 38	19 1	3 34	23 13	0n 8	9 12	0 3	23 47	0 24	21 53	0 16	4 23	2 8	12 33	0 31	2 42	1 9	22 30	3 5	20 43	20 40	21 3	18 16	4 56
S 15	21 29	20 59	2 26	23 15	0 20	8 48	0s 4	23 48	0 25	21 54	0 16	4 21	2 8	12 33	0 31	2 42	1 9	22 29	3 5	20 43	20 41	21 3	18 16	4 57
S 16	21 19	21 28	1 8	23 14	0 30	8 23	0 11	23 50	0 25	21 55	0 16	4 19	2 8	12 33	0 31	2 42	1 9	22 29	3 5	20 43	20 41	21 3	18 16	4 57
M17	21 9	20 23	0n16	23 10	0 40	7 59	0 18	23 51	0 26	21 57	0 17	4 17	2 8	12 34	0 32	2 43	1 9	22 29	3 5	20 43	20 42	21 3	18 16	4 57
T 18	20 58	17 51	1 39	23 4	0 50	7 35	0 26	23 51	0 27	21 58	0 17	4 15	2 8	12 34	0 32	2 43	1 9	22 28	3 5	20 43	20 43	21 2	18 16	4 58
W19	20 48	14 9	2 53	22 56	0 59	7 10	0 34	23 52	0 27	22 0	0 17	4 13	2 7	12 35	0 32	2 43	1 9	22 28	3 5	20 43	20 43	21 2	18 16	4 58
T 20	20 37	9 39	3 55	22 44	1 7	6 46	0 42	23 52	0 28	22 1	0 17	4 11	2 7	12 35	0 32	2 43	1 9	22 28	3 5	20 43	20 44	21 2	18 16	4 58
F 21	20 25	4 46	4 40	22 30	1 14	6 22	0 50	23 53	0 29	22 2	0 17	4 8	2 7	12 35	0 32	2 44	1 9	22 27	3 5	20 43	20 45	21 2	18 16	4 58
S 22	20 13	0s13	5 8	22 13	1 21	5 58	0 58	23 52	0 29	22 3	0 17	4 6	2 7	12 36	0 32	2 44	1 9	22 27	3 5	20 43	20 45	21 1	18 16	4 59
S 23	20 1	5 2	5 18	21 54	1 27	5 34	1 7	23 52	0 30	22 5	0 17	4 4	2 7	12 36	0 32	2 44	1 9	22 27	3 5	20 43	20 46	21 1	18 16	4 59
M24	19 49	9 29	5 11	21 32	1 32	5 10	1 16	23 52	0 31	22 6	0 17	4 2	2 7	12 36	0 32	2 45	1 9	22 26	3 5	20 43	20 46	21 1	18 16	4 59
T 25	19 36	13 24	4 50	21 8	1 37	4 47	1 25	23 51	0 31	22 7	0 18	4 0	2 7	12 36	0 32	2 45	1 10	22 26	3 5	20 43	20 47	21 0	18 16	5 0
W26	19 23	16 40	4 16	20 41	1 40	4 24	1 34	23 50	0 32	22 8	0 18	3 57	2 6	12 37	0 32	2 45	1 10	22 26	3 5	20 43	20 48	21 0	18 16	5 0
T 27	19 9	19 9	3 31	20 13	1 43	4 1	1 44	23 49	0 32	22 10	0 18	3 55	2 6	12 37	0 32	2 46	1 10	22 26	3 5	20 43	20 48	21 0	18 15	5 0
F 28	18 56	20 47	2 37	19 43	1 45	3 38	1 53	23 48	0 33	22 11	0 18	3 53	2 6	12 37	0 32	2 46	1 10	22 25	3 5	20 43	20 49	20 59	18 15	5 0
S 29	18 42	21 28	1 37	19 11	1 46	3 15	2 3	23 46	0 34	22 12	0 18	3 50	2 6	12 37	0 32	2 47	1 10	22 25	3 5	20 43	20 49	20 59	18 15	5 1
S 30	18 27	21 12	0 33	18 37	1 47	2 53	2 13	23 45	0 34	22 13	0 18	3 48	2 6	12 37	0 32	2 47	1 10	22 25	3 6	20 43	20 50	20 59	18 15	5 1
M31	18n12	19s59	0s33	18n 2	1n47	2n31	2s24	23n43	0n35	22s14	0s18	3n45	2n 6	12n37	0s32	2s47	1s10	22n24	3n 6	20n43	20n51	20s58	18n15	5s 1

Julian Day Number = 2519661.5, Delta T = 150.37 sec
Ecliptic obliquity = 23°24'49, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°20'47, Lahiri = 26°27'48

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2186
geocentric

AUGUST 2186 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 39 27	9♌ 6'37	14♒53	16♌58	18♍33	9♋21	19°R48	25♍29	4♉51	25°R39	3♌20	27°R 8	26♋23	25♏11	23♊50	T 1
W 2	20 43 23	10° 3'58	26°48	18°56	19° 2	10° 1	19♏41	25°35	4°52	25♓38	3°22	27♋ 7	26°20	25°18	23°54	W 2
T 3	20 47 20	11° 1'20	8♓51	20°53	19°30	10°41	19°34	25°41	4°52	25°37	3°24	27° 5	26°17	25°25	23°58	T 3
F 4	20 51 16	11°58'43	21° 2	22°48	19°56	11°21	19°28	25°47	4°52	25°35	3°25	27° 3	26°13	25°31	24° 1	F 4
S 5	20 55 13	12°56'07	3♈25	24°41	20°21	12° 1	19°21	25°53	4°52	25°34	3°27	27° 1	26°10	25°38	24° 5	S 5
S 6	20 59 10	13°53'31	16° 2	26°32	20°43	12°41	19°15	25°59	4°53	25°33	3°29	26°59	26° 7	25°45	24° 9	S 6
M 7	21 3 6	14°50'57	28°55	28°22	21° 4	13°21	19° 8	26° 6	4°53	25°32	3°30	26°57	26° 4	25°51	24°13	M 7
T 8	21 7 3	15°48'25	12♉ 7	0♍11	21°24	14° 0	19° 2	26°12	4°53	25°31	3°32	26°D56	26° 1	25°58	24°17	T 8
W 9	21 10 59	16°45'53	25°40	1°58	21°41	14°40	18°56	26°18	4°53	25°30	3°33	26°57	25°57	26° 5	24°20	W 9
T 10	21 14 56	17°43'23	9♊34	3°43	21°57	15°20	18°50	26°24	4°R53	25°29	3°35	26°58	25°54	26°11	24°24	T 10
F 11	21 18 52	18°40'54	23°51	5°26	22°10	15°59	18°44	26°31	4°53	25°27	3°37	26°59	25°51	26°18	24°27	F 11
S 12	21 22 49	19°38'27	8♋28	7° 8	22°22	16°39	18°39	26°37	4°53	25°26	3°38	27° 0	25°48	26°24	24°31	S 12
S 13	21 26 45	20°36'00	23°21	8°49	22°31	17°18	18°33	26°44	4°53	25°25	3°40	27°R 1	25°45	26°31	24°35	S 13
M14	21 30 42	21°33'35	8♌24	10°28	22°39	17°58	18°28	26°50	4°53	25°24	3°42	27° 0	25°42	26°38	24°38	M14
T 15	21 34 39	22°31'12	23°27	12° 5	22°44	18°37	18°23	26°57	4°52	25°22	3°43	26°59	25°38	26°44	24°41	T 15
W16	21 38 35	23°28'49	8♍23	13°41	22°47	19°17	18°17	27° 3	4°52	25°21	3°45	26°56	25°35	26°51	24°45	W16
T 17	21 42 32	24°26'27	23° 3	15°15	22°R48	19°56	18°13	27°10	4°52	25°20	3°46	26°53	25°32	26°58	24°48	T 17
F 18	21 46 28	25°24'06	7♎21	16°48	22°46	20°35	18° 8	27°17	4°51	25°18	3°48	26°49	25°29	27° 4	24°51	F 18
S 19	21 50 25	26°21'47	21°12	18°19	22°42	21°14	18° 3	27°24	4°51	25°17	3°49	26°45	25°26	27°11	24°54	S 19
S 20	21 54 21	27°19'28	4♏36	19°49	22°36	21°53	17°59	27°30	4°50	25°15	3°51	26°42	25°22	27°18	24°57	S 20
M21	21 58 18	28°17'11	17°33	21°17	22°27	22°32	17°54	27°37	4°50	25°14	3°53	26°40	25°19	27°24	25° 0	M21
T 22	22 2 14	29°14'54	0♐ 8	22°44	22°16	23°11	17°50	27°44	4°49	25°13	3°54	26°D39	25°16	27°31	25° 3	T 22
W23	22 6 11	0♍12'39	12°24	24° 9	22° 3	23°50	17°46	27°51	4°49	25°11	3°56	26°40	25°13	27°38	25° 6	W23
T 24	22 10 8	1°10'24	24°25	25°32	21°47	24°29	17°42	27°58	4°48	25°10	3°57	26°41	25°10	27°44	25° 9	T 24
F 25	22 14 4	2° 8'11	6♑18	26°54	21°28	25° 8	17°39	28° 5	4°47	25° 8	3°59	26°43	25° 7	27°51	25°12	F 25
S 26	22 18 1	3° 5'59	18° 6	28°14	21° 8	25°47	17°35	28°12	4°47	25° 7	4° 0	26°44	25° 3	27°57	25°15	S 26
S 27	22 21 57	4° 3'49	29°53	29°33	20°45	26°26	17°32	28°19	4°46	25° 5	4° 2	26°R45	25° 0	28° 4	25°17	S 27
M28	22 25 54	5° 1'39	11♒44	0♎49	20°20	27° 4	17°29	28°26	4°45	25° 4	4° 3	26°44	24°57	28°11	25°20	M28
T 29	22 29 50	5°59'31	23°40	2° 4	19°54	27°43	17°26	28°33	4°44	25° 2	4° 5	26°41	24°54	28°17	25°23	T 29
W30	22 33 47	6°57'24	5♓46	3°17	19°25	28°21	17°23	28°40	4°43	25° 1	4° 6	26°36	24°51	28°24	25°25	W30
T 31	22 37 43	7♍55'19	18♓ 1	4♎28	18♍55	29♋ 0	17♏21	28♍47	4♉42	24♓59	4♌ 7	26♋29	24♋48	28♏31	25♊27	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17n58	17s54	1s37	17n25	1n46	2n10	2s34	23n41	0n36	22s16	0s18	3n43	2n 6	12n38	0s32	2s48	1s10	22n24	3n 6	20n43	20n51	20s58	18n15	5s 2
W 2	17 42	15 2	2 37	16 47	1 45	1 48	2 45	23 38	0 36	22 17	0 19	3 41	2 6	12 38	0 32	2 48	1 10	22 24	3 6	20 43	20 52	20 58	18 15	5 2
T 3	17 27	11 30	3 31	16 9	1 43	1 28	2 56	23 36	0 37	22 18	0 19	3 38	2 6	12 38	0 32	2 49	1 10	22 23	3 6	20 43	20 52	20 57	18 14	5 2
F 4	17 11	7 28	4 16	15 29	1 40	1 7	3 7	23 33	0 38	22 19	0 19	3 36	2 5	12 38	0 32	2 49	1 10	22 23	3 6	20 44	20 53	20 57	18 14	5 3
S 5	16 55	3 5	4 50	14 49	1 37	0 47	3 18	23 30	0 38	22 20	0 19	3 33	2 5	12 38	0 32	2 50	1 10	22 23	3 6	20 44	20 54	20 57	18 14	5 3
S 6	16 38	1n31	5 10	14 7	1 34	0 28	3 29	23 27	0 39	22 21	0 19	3 31	2 5	12 38	0 32	2 50	1 10	22 22	3 6	20 44	20 54	20 56	18 14	5 4
M 7	16 22	6 9	5 16	13 26	1 30	0 9	3 41	23 24	0 40	22 22	0 19	3 28	2 5	12 38	0 32	2 51	1 10	22 22	3 6	20 45	20 55	20 56	18 14	5 4
T 8	16 5	10 37	5 5	12 43	1 25	0s 9	3 52	23 21	0 40	22 23	0 19	3 25	2 5	12 38	0 32	2 51	1 10	22 22	3 6	20 45	20 55	20 56	18 13	5 4
W 9	15 48	14 40	4 37	12 1	1 20	0 27	4 4	23 17	0 41	22 24	0 19	3 23	2 5	12 38	0 32	2 52	1 10	22 21	3 6	20 45	20 56	20 55	18 13	5 5
T 10	15 30	18 2	3 53	11 18	1 15	0 44	4 16	23 13	0 41	22 25	0 19	3 20	2 5	12 38	0 32	2 52	1 10	22 21	3 6	20 45	20 57	20 55	18 13	5 5
F 11	15 13	20 24	2 53	10 35	1 9	1 0	4 28	23 9	0 42	22 26	0 19	3 18	2 5	12 38	0 32	2 53	1 10	22 21	3 6	20 44	20 57	20 55	18 13	5 5
S 12	14 55	21 28	1 41	9 51	1 3	1 16	4 40	23 5	0 43	22 26	0 20	3 15	2 5	12 38	0 32	2 53	1 10	22 20	3 7	20 44	20 58	20 54	18 13	5 6
S 13	14 37	21 4	0 20	9 8	0 56	1 31	4 52	23 1	0 43	22 27	0 20	3 12	2 5	12 38	0 32	2 54	1 10	22 20	3 7	20 44	20 58	20 54	18 12	5 6
M14	14 18	19 9	1n 2	8 24	0 50	1 45	5 5	22 56	0 44	22 28	0 20	3 10	2 5	12 38	0 32	2 54	1 10	22 20	3 7	20 44	20 59	20 53	18 12	5 7
T 15	14 0	15 54	2 20	7 41	0 43	1 58	5 17	22 51	0 45	22 29	0 20	3 7	2 4	12 38	0 32	2 55	1 10	22 20	3 7	20 44	21 0	20 53	18 12	5 7
W16	13 41	11 38	3 28	6 57	0 35	2 11	5 29	22 47	0 45	22 30	0 20	3 4	2 4	12 38	0 32	2 55	1 10	22 19	3 7	20 45	21 0	20 53	18 11	5 7
T 17	13 22	6 45	4 21	6 14	0 28	2 23	5 42	22 42	0 46	22 30	0 20	3 2	2 4	12 37	0 32	2 56	1 10	22 19	3 7	20 46	21 1	20 52	18 11	5 8
F 18	13 2	1 37	4 56	5 31	0 20	2 33	5 54	22 36	0 47	22 31	0 20	2 59	2 4	12 37	0 32	2 56	1 10	22 19	3 7	20 46	21 1	20 52	18 11	5 8
S 19	12 43	3s26	5 12	4 48	0 12	2 43	6 6	22 31	0 47	22 32	0 20	2 56	2 4	12 37	0 32	2 57	1 10	22 18	3 7	20 47	21 2	20 51	18 11	5 9
S 20	12 23	8 9	5 11	4 5	0 4	2 51	6 18	22 25	0 48	22 33	0 20	2 53	2 4	12 37	0 32	2 58	1 10	22 18	3 7	20 48	21 2	20 51	18 10	5 9
M21	12 3	12 22	4 53	3 23	0s 5	2 59	6 30	22 20	0 48	22 33	0 20	2 51	2 4	12 37	0 32	2 58	1 10	22 18	3 7	20 48	21 3	20 50	18 10	5 9
T 22	11 43	15 53	4 22	2 41	0 13	3 5	6 42	22 14	0 49	22 34	0 20	2 48	2 4	12 37	0 32	2 59	1 10	22 18	3 8	20 48	21 4	20 50	18 10	5 10
W23	11 23	18 38	3 39	1 59	0 22	3 11	6 53	22 8	0 50	22 35	0 21	2 45	2 4	12 36	0 32	2 59	1 11	22 17	3 8	20 48	21 4	20 50	18 9	5 10
T 24	11 3	20 30	2 48	1 18	0 31	3 15	7 4	22 2	0 50	22 35	0 21	2 42	2 4	12 36	0 32	3 0	1 11	22 17	3 8	20 48	21 5	20 49	18 9	5 11
F 25	10 42	21 26	1 50	0 37	0 40	3 17	7 15	21 55	0 51	22 36	0 21	2 39	2 4	12 36	0 32	3 1	1 11	22 17	3 8	20 47	21 5	20 49	18 9	5 11
S 26	10 21	21 25	0 47	0s 3	0 49	3 19	7 25	21 49	0 52	22 36	0 21	2 37	2 4	12 36	0 32	3 1	1 11	22 17	3 8	20 47	21 6	20 48	18 8	5 12
S 27	10 1	20 26	0s17	0 42	0 58	3 19	7 35	21 42	0 52	22 37	0 21	2 34	2 4	12 35	0 32	3 2	1 11	22 16	3 8	20 47	21 6	20 48	18 8	5 12
M28	9 39	18 33	1 21	1 21	1 7	3 18	7 45	21 35	0 53	22 37	0 21	2 31	2 4	12 35	0 32	3 3	1 11	22 16	3 8	20 47	21 7	20 47	18 8	5 12
T 29	9 18	15 50	2 21	2 0	1 17	3 16	7 54	21 28	0 53	22 38	0 21	2 28	2 4	12 35	0 32	3 3	1 11	22 16	3 8	20 48	21 8	20 47	18 7	5 13
W30	8 57	12 26	3 16	2 37	1 26	3 12	8 2	21 21	0 54	22 38	0 21	2 25	2 4	12 34	0 32	3 4	1 11	22 16	3 8	20 49	21 8	20 46	18 7	5 13
T 31	8n35	8s27	4s 2	3s14	1s35	3s 8	8s 9	21n14	0n55	22s38	0s21	2n22	2n 4	12n34	0s32	3s 4	1s11	22n15	3n 8	20n50	21n 9	20s46	18n 7	5s14

Julian Day Number = 2519692.5, Delta T = 150.45 sec
Ecliptic obliquity = 23°24'50, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°20'52, Lahiri = 26°27'52

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2186
geocentric

SEPTEMBER 2186 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 41 40	8♍53'16	0♈27	5♎37	18°R22	29♋38	17°R19	28♍54	4°R41	24°R57	4♌ 9	26°R22	24♋44	28♉37	25♊30	F 1
S 2	22 45 37	9°51'14	13° 5	6°43	17♍49	0♌17	17♉16	29° 1	4♉40	24♓56	4°10	26♋14	24°41	28°44	25°32	S 2
S 3	22 49 33	10°49'13	25°56	7°48	17°14	0°55	17°14	29° 8	4°39	24°54	4°12	26° 7	24°38	28°51	25°34	S 3
M 4	22 53 30	11°47'15	9♉ 0	8°50	16°39	1°33	17°13	29°16	4°38	24°53	4°13	26° 2	24°35	28°57	25°37	M 4
T 5	22 57 26	12°45'19	22°18	9°50	16° 3	2°12	17°11	29°23	4°36	24°51	4°14	25°58	24°32	29° 4	25°39	T 5
W 6	23 1 23	13°43'24	5♊50	10°47	15°26	2°50	17°10	29°30	4°35	24°49	4°16	25°56	24°28	29°11	25°41	W 6
T 7	23 5 19	14°41'31	19°38	11°41	14°49	3°28	17° 8	29°38	4°34	24°48	4°17	25°D56	24°25	29°17	25°43	T 7
F 8	23 9 16	15°39'41	3♋42	12°32	14°11	4° 6	17° 7	29°45	4°33	24°46	4°18	25°56	24°22	29°24	25°45	F 8
S 9	23 13 12	16°37'53	18° 1	13°20	13°34	4°44	17° 6	29°52	4°31	24°45	4°20	25°57	24°19	29°31	25°46	S 9
S 10	23 17 9	17°36'06	2♌34	14° 5	12°58	5°22	17° 6	29°59	4°30	24°43	4°21	25°R57	24°16	29°37	25°48	S 10
M11	23 21 6	18°34'22	17°16	14°46	12°22	6° 0	17° 5	0♎ 7	4°28	24°41	4°22	25°56	24°13	29°44	25°50	M11
T 12	23 25 2	19°32'39	2♍ 2	15°23	11°47	6°38	17° 5	0°14	4°27	24°40	4°24	25°52	24° 9	29°50	25°52	T 12
W13	23 28 59	20°30'58	16°44	15°56	11°13	7°16	17°D 5	0°22	4°25	24°38	4°25	25°45	24° 6	29°57	25°53	W13
T 14	23 32 55	21°29'19	1♎16	16°25	10°41	7°53	17° 5	0°29	4°24	24°36	4°26	25°37	24° 3	0♒ 4	25°55	T 14
F 15	23 36 52	22°27'42	15°30	16°49	10°10	8°31	17° 5	0°36	4°22	24°35	4°27	25°28	24° 0	0°10	25°56	F 15
S 16	23 40 48	23°26'06	29°21	17° 8	9°40	9° 9	17° 6	0°44	4°20	24°33	4°28	25°19	23°57	0°17	25°57	S 16
S 17	23 44 45	24°24'32	12♏47	17°21	9°13	9°46	17° 7	0°51	4°19	24°31	4°30	25°11	23°53	0°24	25°59	S 17
M18	23 48 41	25°23'00	25°47	17°29	8°47	10°24	17° 7	0°59	4°17	24°30	4°31	25° 5	23°50	0°30	26° 0	M18
T 19	23 52 38	26°21'29	8♐23	17°R30	8°23	11° 1	17° 8	1° 6	4°15	24°28	4°32	25° 1	23°47	0°37	26° 1	T 19
W20	23 56 34	27°20'00	20°40	17°25	8° 2	11°38	17°10	1°14	4°13	24°26	4°33	24°59	23°44	0°44	26° 2	W20
T 21	0 0 31	28°18'33	2♑42	17°13	7°43	12°16	17°11	1°21	4°12	24°25	4°34	24°D59	23°41	0°50	26° 3	T 21
F 22	0 4 28	29°17'07	14°34	16°55	7°26	12°53	17°13	1°28	4°10	24°23	4°35	25° 0	23°38	0°57	26° 4	F 22
S 23	0 8 24	0♎15'43	26°21	16°29	7°11	13°30	17°15	1°36	4° 8	24°21	4°36	25°R 0	23°34	1° 4	26° 5	S 23
S 24	0 12 21	1°14'21	8♒10	15°57	6°59	14° 7	17°17	1°43	4° 6	24°20	4°37	24°59	23°31	1°10	26° 6	S 24
M25	0 16 17	2°13'00	20° 4	15°17	6°49	14°44	17°19	1°51	4° 4	24°18	4°38	24°56	23°28	1°17	26° 6	M25
T 26	0 20 14	3°11'41	2♓ 8	14°31	6°42	15°21	17°21	1°58	4° 2	24°17	4°39	24°50	23°25	1°23	26° 7	T 26
W27	0 24 10	4°10'24	14°24	13°38	6°37	15°58	17°24	2° 6	4° 0	24°15	4°40	24°42	23°22	1°30	26° 7	W27
T 28	0 28 7	5° 9'09	26°54	12°40	6°34	16°35	17°27	2°13	3°58	24°13	4°41	24°32	23°19	1°37	26° 8	T 28
F 29	0 32 3	6° 7'56	9♈38	11°38	6°D34	17°12	17°30	2°21	3°56	24°12	4°42	24°20	23°15	1°43	26° 8	F 29
S 30	0 36 0	7♎ 6'44	22♈37	10♎33	6♍37	17♌49	17♉33	2♎28	3♉54	24♓10	4♌43	24♋ 8	23♋12	1♒50	26♊ 8	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	8n14	4s 4	4s38	3s50	1s45	3s 2	8s16	21n 6	0n55	22s39	0s21	2n20	2n 4	12n34	0s32	3s 5	1s11	22n15	3n 9	20n51	21n 9	20s45	18n 6	5s14
S 2	7 52	0n33	5 1	4 25	1 54	2 54	8 22	20 59	0 56	22 39	0 21	2 17	2 4	12 33	0 32	3 6	1 11	22 15	3 9	20 53	21 10	20 45	18 6	5 15
S 3	7 30	5 13	5 9	4 59	2 3	2 46	8 28	20 51	0 57	22 39	0 21	2 14	2 3	12 33	0 32	3 6	1 11	22 15	3 9	20 54	21 10	20 44	18 5	5 15
M 4	7 8	9 43	5 1	5 32	2 12	2 36	8 32	20 43	0 57	22 40	0 21	2 11	2 3	12 32	0 32	3 7	1 11	22 14	3 9	20 55	21 11	20 44	18 5	5 16
T 5	6 46	13 51	4 37	6 4	2 22	2 26	8 36	20 35	0 58	22 40	0 22	2 8	2 3	12 32	0 32	3 8	1 11	22 14	3 9	20 56	21 12	20 43	18 5	5 16
W 6	6 24	17 22	3 57	6 34	2 31	2 14	8 38	20 27	0 58	22 40	0 22	2 5	2 3	12 32	0 32	3 8	1 11	22 14	3 9	20 56	21 12	20 43	18 4	5 17
T 7	6 1	19 58	3 3	7 4	2 39	2 1	8 40	20 19	0 59	22 40	0 22	2 2	2 3	12 31	0 32	3 9	1 11	22 14	3 9	20 56	21 13	20 42	18 4	5 17
F 8	5 39	21 25	1 57	7 32	2 48	1 48	8 41	20 11	1 0	22 41	0 22	1 59	2 3	12 31	0 33	3 10	1 11	22 14	3 9	20 56	21 13	20 42	18 3	5 18
S 9	5 16	21 30	0 43	7 58	2 57	1 34	8 40	20 2	1 0	22 41	0 22	1 56	2 3	12 30	0 33	3 10	1 11	22 13	3 10	20 56	21 14	20 41	18 3	5 18
S 10	4 54	20 9	0n36	8 23	3 5	1 19	8 39	19 54	1 1	22 41	0 22	1 53	2 3	12 30	0 33	3 11	1 11	22 13	3 10	20 56	21 14	20 41	18 3	5 18
M11	4 31	17 25	1 52	8 46	3 13	1 4	8 37	19 45	1 2	22 41	0 22	1 50	2 3	12 29	0 33	3 12	1 11	22 13	3 10	20 56	21 15	20 40	18 2	5 19
T 12	4 8	13 34	3 1	9 8	3 20	0 48	8 34	19 36	1 2	22 41	0 22	1 48	2 3	12 29	0 33	3 12	1 11	22 13	3 10	20 57	21 16	20 40	18 2	5 19
W13	3 45	8 53	3 58	9 27	3 27	0 32	8 30	19 27	1 3	22 41	0 22	1 45	2 3	12 28	0 33	3 13	1 11	22 13	3 10	20 58	21 16	20 39	18 1	5 20
T 14	3 22	3 45	4 39	9 45	3 34	0 15	8 26	19 18	1 3	22 41	0 22	1 42	2 3	12 28	0 33	3 14	1 11	22 12	3 10	21 0	21 17	20 39	18 1	5 20
F 15	2 59	1s28	5 1	9 59	3 40	0n 1	8 20	19 9	1 4	22 41	0 22	1 39	2 3	12 27	0 33	3 14	1 11	22 12	3 10	21 2	21 17	20 38	18 0	5 21
S 16	2 36	6 29	5 5	10 12	3 46	0 18	8 14	18 59	1 5	22 41	0 22	1 36	2 3	12 27	0 33	3 15	1 11	22 12	3 10	21 3	21 18	20 38	18 0	5 21
S 17	2 13	11 2	4 51	10 21	3 51	0 35	8 7	18 50	1 5	22 41	0 22	1 33	2 3	12 26	0 33	3 16	1 11	22 12	3 11	21 5	21 18	20 37	17 59	5 22
M18	1 50	14 55	4 23	10 28	3 55	0 51	8 0	18 40	1 6	22 41	0 22	1 30	2 3	12 25	0 33	3 16	1 11	22 12	3 11	21 6	21 19	20 36	17 59	5 22
T 19	1 27	18 1	3 43	10 31	3 58	1 7	7 51	18 31	1 7	22 41	0 22	1 27	2 3	12 25	0 33	3 17	1 11	22 12	3 11	21 6	21 19	20 36	17 59	5 23
W20	1 4	20 13	2 53	10 31	4 0	1 23	7 43	18 21	1 7	22 41	0 22	1 24	2 3	12 24	0 33	3 18	1 11	22 12	3 11	21 7	21 20	20 35	17 58	5 23
T 21	0 40	21 27	1 56	10 28	4 1	1 39	7 33	18 11	1 8	22 41	0 22	1 21	2 3	12 23	0 33	3 18	1 11	22 11	3 11	21 7	21 20	20 35	17 58	5 24
F 22	0 17	21 42	0 56	10 20	4 0	1 54	7 24	18 1	1 8	22 41	0 22	1 18	2 3	12 23	0 33	3 19	1 11	22 11	3 11	21 7	21 21	20 34	17 57	5 24
S 23	0s 6	20 59	0s 7	10 9	3 58	2 9	7 14	17 51	1 9	22 41	0 23	1 15	2 4	12 22	0 33	3 20	1 11	22 11	3 11	21 7	21 22	20 33	17 57	5 25
S 24	0 30	19 20	1 10	9 53	3 55	2 23	7 3	17 41	1 10	22 40	0 23	1 12	2 4	12 22	0 33	3 20	1 11	22 11	3 11	21 7	21 22	20 33	17 56	5 25
M25	0 53	16 49	2 10	9 33	3 50	2 36	6 52	17 31	1 10	22 40	0 23	1 9	2 4	12 21	0 33	3 21	1 11	22 11	3 12	21 7	21 23	20 32	17 56	5 26
T 26	1 16	13 34	3 4	9 8	3 43	2 49	6 41	17 21	1 11	22 40	0 23	1 6	2 4	12 20	0 33	3 21	1 11	22 11	3 12	21 8	21 23	20 32	17 55	5 26
W27	1 39	9 41	3 51	8 40	3 34	3 2	6 30	17 10	1 12	22 40	0 23	1 4	2 4	12 20	0 33	3 22	1 11	22 11	3 12	21 10	21 24	20 31	17 55	5 27
T 28	2 3	5 20	4 28	8 7	3 24	3 13	6 19	17 0	1 12	22 39	0 23	1 1	2 4	12 19	0 33	3 23	1 11	22 11	3 12	21 12	21 24	20 30	17 54	5 27
F 29	2 26	0 40	4 52	7 31	3 11	3 24	6 7	16 49	1 13	22 39	0 23	0 58	2 4	12 18	0 33	3 23	1 11	22 11	3 12	21 14	21 25	20 30	17 54	5 28
S 30	2s49	4n 7	5s 1	6s53	2s57	3n34	5s55	16n39	1n14	22s39	0s23	0n55	2n 4	12n17	0s33	3s24	1s11	22n10	3n12	21n16	21n25	20s29	17n53	5s28

Julian Day Number = 2519723.5, Delta T = 150.52 sec
Ecliptic obliquity = 23°24'51, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°20'56, Lahiri = 26°27'56

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2186
geocentric

OCTOBER 2186 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 39 57	8♎ 5'35	5♉49	9°R26	6♍41	18♌25	17♑36	2♎35	3°R52	24°R 8	4♌44	23°R56	23♋ 9	1♒57	26♊ 9	S 1
M 2	0 43 53	9° 4'28	19°13	8♎18	6°48	19° 2	17°40	2°43	3♉50	24♓ 7	4°45	23♋46	23° 6	2° 3	26° 9	M 2
T 3	0 47 50	10° 3'23	2♊46	7°13	6°57	19°38	17°43	2°50	3°47	24° 5	4°46	23°39	23° 3	2°10	26° 9	T 3
W 4	0 51 46	11° 2'21	16°29	6°11	7° 9	20°15	17°47	2°58	3°45	24° 4	4°46	23°35	22°59	2°17	26°R 9	W 4
T 5	0 55 43	12° 1'20	0♋21	5°14	7°22	20°51	17°51	3° 5	3°43	24° 2	4°47	23°33	22°56	2°23	26° 9	T 5
F 6	0 59 39	13° 0'23	14°20	4°24	7°38	21°28	17°55	3°13	3°41	24° 1	4°48	23°D32	22°53	2°30	26° 9	F 6
S 7	1 3 36	13°59'27	28°27	3°42	7°55	22° 4	18° 0	3°20	3°38	23°59	4°49	23°R32	22°50	2°37	26° 8	S 7
S 8	1 7 32	14°58'34	12♌41	3° 9	8°15	22°40	18° 4	3°27	3°36	23°58	4°50	23°31	22°47	2°43	26° 8	S 8
M 9	1 11 29	15°57'43	27° 0	2°46	8°36	23°16	18° 9	3°35	3°34	23°56	4°50	23°28	22°44	2°50	26° 8	M 9
T 10	1 15 26	16°56'54	11♍21	2°34	8°59	23°52	18°14	3°42	3°32	23°55	4°51	23°23	22°40	2°57	26° 7	T 10
W11	1 19 22	17°56'08	25°39	2°D32	9°24	24°28	18°19	3°49	3°29	23°53	4°52	23°14	22°37	3° 3	26° 7	W11
T 12	1 23 19	18°55'23	9♎50	2°41	9°51	25° 4	18°24	3°57	3°27	23°52	4°52	23° 3	22°34	3°10	26° 6	T 12
F 13	1 27 15	19°54'41	23°48	3° 1	10°19	25°40	18°30	4° 4	3°25	23°50	4°53	22°50	22°31	3°16	26° 6	F 13
S 14	1 31 12	20°54'01	7♏27	3°30	10°49	26°16	18°36	4°11	3°22	23°49	4°53	22°38	22°28	3°23	26° 5	S 14
S 15	1 35 8	21°53'22	20°46	4° 9	11°20	26°52	18°41	4°18	3°20	23°47	4°54	22°26	22°25	3°30	26° 4	S 15
M16	1 39 5	22°52'46	3♐42	4°56	11°53	27°27	18°47	4°26	3°17	23°46	4°54	22°17	22°21	3°36	26° 3	M16
T 17	1 43 1	23°52'11	16°18	5°51	12°27	28° 3	18°53	4°33	3°15	23°44	4°55	22°11	22°18	3°43	26° 2	T 17
W18	1 46 58	24°51'39	28°34	6°53	13° 3	28°38	19° 0	4°40	3°13	23°43	4°55	22° 7	22°15	3°50	26° 1	W18
T 19	1 50 55	25°51'08	10♑36	8° 2	13°39	29°14	19° 6	4°47	3°10	23°42	4°56	22° 5	22°12	3°56	26° 0	T 19
F 20	1 54 51	26°50'39	22°28	9°16	14°18	29°49	19°13	4°54	3° 8	23°40	4°56	22° 5	22° 9	4° 3	25°59	F 20
S 21	1 58 48	27°50'12	4♒16	10°35	14°57	0♍24	19°19	5° 1	3° 5	23°39	4°57	22° 5	22° 5	4°10	25°57	S 21
S 22	2 2 44	28°49'46	16° 6	11°59	15°38	1° 0	19°26	5° 8	3° 3	23°38	4°57	22° 4	22° 2	4°16	25°56	S 22
M23	2 6 41	29°49'22	28° 2	13°25	16°19	1°35	19°33	5°15	3° 0	23°37	4°58	22° 1	21°59	4°23	25°55	M23
T 24	2 10 37	0♏49'00	10♓10	14°55	17° 2	2°10	19°40	5°22	2°58	23°35	4°58	21°56	21°56	4°30	25°53	T 24
W25	2 14 34	1°48'39	22°33	16°27	17°46	2°45	19°48	5°29	2°55	23°34	4°58	21°48	21°53	4°36	25°52	W25
T 26	2 18 30	2°48'21	5♈15	18° 1	18°30	3°19	19°55	5°36	2°53	23°33	4°58	21°37	21°50	4°43	25°50	T 26
F 27	2 22 27	3°48'04	18°15	19°37	19°16	3°54	20° 3	5°43	2°51	23°32	4°59	21°25	21°46	4°49	25°48	F 27
S 28	2 26 23	4°47'49	1♉34	21°14	20° 3	4°29	20°11	5°50	2°48	23°31	4°59	21°12	21°43	4°56	25°46	S 28
S 29	2 30 20	5°47'36	15°10	22°51	20°51	5° 3	20°18	5°57	2°46	23°29	4°59	21° 0	21°40	5° 3	25°45	S 29
M30	2 34 17	6°47'25	28°59	24°30	21°39	5°38	20°26	6° 4	2°43	23°28	4°59	20°50	21°37	5° 9	25°43	M30
T 31	2 38 13	7♏47'17	12♊58	26♎ 9	22♍29	6♍12	20♑35	6♎10	2♉41	23♓27	4♌59	20♋43	21♋34	5♒16	25♊41	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3s12	8n48	4s55	6s11	2s40	3n43	5s43	16n28	1n14	22s38	0s23	0n52	2n 4	12n17	0s33	3s25	1s11	22n10	3n12	21n18	21n26	20s28	17n53	5s29
M 2	3 36	13 8	4 33	5 29	2 23	3 52	5 32	16 17	1 15	22 38	0 23	0 49	2 4	12 16	0 33	3 25	1 11	22 10	3 13	21 20	21 26	20 28	17 52	5 29
T 3	3 59	16 51	3 55	4 46	2 4	4 0	5 20	16 6	1 15	22 37	0 23	0 46	2 4	12 15	0 33	3 26	1 11	22 10	3 13	21 21	21 27	20 27	17 52	5 30
W 4	4 22	19 42	3 3	4 3	1 44	4 6	5 8	15 55	1 16	22 37	0 23	0 43	2 4	12 14	0 33	3 27	1 11	22 10	3 13	21 21	21 27	20 27	17 51	5 30
T 5	4 45	21 25	2 0	3 22	1 24	4 13	4 56	15 44	1 17	22 36	0 23	0 40	2 4	12 14	0 33	3 27	1 11	22 10	3 13	21 22	21 28	20 26	17 51	5 31
F 6	5 8	21 50	0 49	2 43	1 4	4 18	4 44	15 33	1 17	22 36	0 23	0 37	2 4	12 13	0 33	3 28	1 11	22 10	3 13	21 22	21 28	20 25	17 50	5 31
S 7	5 31	20 52	0n26	2 8	0 43	4 22	4 33	15 22	1 18	22 35	0 23	0 35	2 4	12 12	0 33	3 28	1 11	22 10	3 13	21 22	21 29	20 25	17 50	5 32
S 8	5 54	18 35	1 39	1 37	0 23	4 26	4 21	15 11	1 19	22 35	0 23	0 32	2 4	12 11	0 33	3 29	1 11	22 10	3 13	21 22	21 30	20 24	17 49	5 32
M 9	6 16	15 7	2 47	1 10	0 4	4 29	4 10	15 0	1 19	22 34	0 23	0 29	2 4	12 11	0 33	3 30	1 11	22 10	3 14	21 23	21 30	20 23	17 49	5 33
T 10	6 39	10 45	3 44	0 49	0n14	4 31	3 58	14 48	1 20	22 33	0 23	0 26	2 4	12 10	0 33	3 30	1 11	22 10	3 14	21 24	21 31	20 23	17 48	5 33
W11	7 2	5 48	4 27	0 32	0 31	4 32	3 47	14 37	1 20	22 33	0 23	0 23	2 5	12 9	0 33	3 31	1 11	22 10	3 14	21 25	21 31	20 22	17 48	5 34
T 12	7 24	0 36	4 53	0 22	0 46	4 32	3 36	14 25	1 21	22 32	0 23	0 20	2 5	12 8	0 33	3 31	1 11	22 10	3 14	21 27	21 32	20 21	17 47	5 34
F 13	7 47	4s34	5 0	0 17	1 0	4 32	3 25	14 14	1 22	22 31	0 23	0 18	2 5	12 7	0 33	3 32	1 11	22 10	3 14	21 29	21 32	20 20	17 47	5 35
S 14	8 9	9 24	4 51	0 17	1 13	4 31	3 14	14 2	1 22	22 31	0 23	0 15	2 5	12 7	0 33	3 32	1 11	22 10	3 14	21 31	21 33	20 20	17 46	5 35
S 15	8 31	13 40	4 25	0 22	1 24	4 29	3 3	13 51	1 23	22 30	0 23	0 12	2 5	12 6	0 33	3 33	1 11	22 10	3 14	21 33	21 33	20 19	17 46	5 36
M16	8 53	17 10	3 46	0 32	1 33	4 26	2 53	13 39	1 24	22 29	0 24	0 9	2 5	12 5	0 33	3 34	1 11	22 10	3 15	21 34	21 34	20 18	17 45	5 36
T 17	9 15	19 46	2 57	0 46	1 41	4 23	2 42	13 27	1 24	22 28	0 24	0 7	2 5	12 4	0 33	3 34	1 11	22 10	3 15	21 35	21 34	20 18	17 45	5 37
W18	9 37	21 23	2 1	1 5	1 48	4 19	2 32	13 16	1 25	22 28	0 24	0 4	2 5	12 3	0 33	3 35	1 11	22 10	3 15	21 36	21 35	20 17	17 44	5 37
T 19	9 59	21 59	1 1	1 27	1 53	4 14	2 22	13 4	1 26	22 27	0 24	0 1	2 5	12 3	0 33	3 35	1 11	22 10	3 15	21 36	21 35	20 16	17 44	5 38
F 20	10 20	21 35	0s 2	1 52	1 57	4 9	2 12	12 52	1 26	22 26	0 24	0s 2	2 5	12 2	0 33	3 36	1 11	22 10	3 15	21 36	21 36	20 15	17 43	5 38
S 21	10 42	20 13	1 4	2 21	2 0	4 3	2 2	12 40	1 27	22 25	0 24	0 4	2 6	12 1	0 33	3 36	1 11	22 10	3 15	21 36	21 36	20 15	17 42	5 39
S 22	11 3	17 58	2 4	2 52	2 2	3 56	1 53	12 28	1 28	22 24	0 24	0 7	2 6	12 0	0 33	3 37	1 11	22 10	3 16	21 37	21 37	20 14	17 42	5 39
M23	11 24	14 56	2 58	3 24	2 3	3 48	1 43	12 17	1 28	22 23	0 24	0 10	2 6	11 59	0 33	3 37	1 11	22 10	3 16	21 37	21 37	20 13	17 41	5 40
T 24	11 45	11 14	3 46	3 59	2 3	3 40	1 34	12 5	1 29	22 22	0 24	0 12	2 6	11 58	0 33	3 38	1 11	22 10	3 16	21 38	21 38	20 12	17 41	5 40
W25	12 5	6 59	4 23	4 35	2 2	3 32	1 25	11 53	1 29	22 21	0 24	0 15	2 6	11 58	0 33	3 38	1 11	22 10	3 16	21 39	21 38	20 12	17 40	5 41
T 26	12 26	2 21	4 49	5 13	2 0	3 22	1 16	11 41	1 30	22 20	0 24	0 18	2 6	11 57	0 33	3 39	1 11	22 10	3 16	21 41	21 39	20 11	17 40	5 41
F 27	12 46	2n31	5 1	5 51	1 57	3 12	1 7	11 29	1 31	22 19	0 24	0 20	2 6	11 56	0 33	3 39	1 11	22 11	3 16	21 43	21 39	20 10	17 39	5 42
S 28	13 6	7 22	4 56	6 30	1 54	3 2	0 59	11 17	1 31	22 18	0 24	0 23	2 6	11 55	0 33	3 39	1 11	22 11	3 16	21 45	21 40	20 9	17 39	5 42
S 29	13 26	11 59	4 35	7 10	1 51	2 51	0 51	11 5	1 32	22 17	0 24	0 25	2 7	11 54	0 33	3 40	1 11	22 11	3 17	21 47	21 40	20 9	17 38	5 42
M30	13 46	16 3	3 58	7 50	1 47	2 39	0 42	10 52	1 33	22 15	0 24	0 28	2 7	11 53	0 33	3 40	1 11	22 11	3 17	21 48	21 41	20 8	17 38	5 43
T 31	14s 6	19n16	3s 6	8s30	1n42	2n27	0s35	10n40	1n33	22s14	0s24	0s31	2n 7	11n53	0s33	3s41	1s11	22n11	3n17	21n49	21n41	20s 7	17n37	5s43

Julian Day Number = 2519753.5, Delta T = 150.60 sec
Ecliptic obliquity = 23°24'51, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°21'00, Lahiri = 26°28'00

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2186
geocentric

NOVEMBER 2186 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 42 10	8♏47'10	27♊ 3	27♎49	23♍19	6♍47	20♑43	6♎17	2°R38	23°R26	5♌ 0	20°R38	21♋30	5♒23	25°R39	W 1
T 2	2 46 6	9°47'06	11♋10	29°28	24°10	7°21	20°51	6°24	2♉36	23♓25	5° 0	20♋36	21°27	5°29	25♊37	T 2
F 3	2 50 3	10°47'04	25°18	1♏ 8	25° 2	7°55	21° 0	6°30	2°33	23°24	5° 0	20°D36	21°24	5°36	25°34	F 3
S 4	2 53 59	11°47'03	9♌25	2°48	25°54	8°29	21° 9	6°37	2°31	23°23	5° 0	20°R36	21°21	5°43	25°32	S 4
S 5	2 57 56	12°47'06	23°29	4°27	26°47	9° 3	21°18	6°44	2°29	23°22	5°R 0	20°36	21°18	5°49	25°30	S 5
M 6	3 1 53	13°47'10	7♍32	6° 7	27°41	9°37	21°27	6°50	2°26	23°21	5° 0	20°34	21°15	5°56	25°28	M 6
T 7	3 5 49	14°47'16	21°30	7°46	28°36	10°11	21°36	6°56	2°24	23°20	5° 0	20°29	21°11	6° 3	25°25	T 7
W 8	3 9 46	15°47'24	5♎22	9°25	29°31	10°44	21°45	7° 3	2°21	23°20	5° 0	20°21	21° 8	6° 9	25°23	W 8
T 9	3 13 42	16°47'35	19° 6	11° 4	0♎27	11°18	21°54	7° 9	2°19	23°19	5° 0	20°12	21° 5	6°16	25°20	T 9
F 10	3 17 39	17°47'47	2♏39	12°42	1°23	11°51	22° 4	7°15	2°17	23°18	4°59	20° 1	21° 2	6°23	25°17	F 10
S 11	3 21 35	18°48'01	15°57	14°20	2°20	12°25	22°13	7°22	2°14	23°17	4°59	19°50	20°59	6°29	25°15	S 11
S 12	3 25 32	19°48'17	29° 0	15°58	3°17	12°58	22°23	7°28	2°12	23°16	4°59	19°40	20°56	6°36	25°12	S 12
M13	3 29 28	20°48'35	11♐45	17°35	4°15	13°31	22°33	7°34	2°10	23°16	4°59	19°31	20°52	6°43	25° 9	M13
T 14	3 33 25	21°48'55	24°13	19°12	5°14	14° 4	22°43	7°40	2° 8	23°15	4°59	19°26	20°49	6°49	25° 7	T 14
W15	3 37 22	22°49'16	6♑25	20°49	6°13	14°37	22°53	7°46	2° 5	23°14	4°59	19°22	20°46	6°56	25° 4	W15
T 16	3 41 18	23°49'38	18°26	22°25	7°12	15°10	23° 3	7°52	2° 3	23°14	4°58	19°D21	20°43	7° 2	25° 1	T 16
F 17	3 45 15	24°50'02	0♒17	24° 1	8°12	15°42	23°14	7°58	2° 1	23°13	4°58	19°22	20°40	7° 9	24°58	F 17
S 18	3 49 11	25°50'27	12° 5	25°37	9°13	16°15	23°24	8° 4	1°59	23°13	4°58	19°23	20°36	7°16	24°55	S 18
S 19	3 53 8	26°50'54	23°54	27°13	10°14	16°47	23°35	8°10	1°56	23°12	4°57	19°R24	20°33	7°22	24°52	S 19
M20	3 57 4	27°51'22	5♓50	28°48	11°15	17°20	23°45	8°15	1°54	23°12	4°57	19°24	20°30	7°29	24°49	M20
T 21	4 1 1	28°51'51	17°57	0♐23	12°16	17°52	23°56	8°21	1°52	23°11	4°57	19°21	20°27	7°36	24°45	T 21
W22	4 4 57	29°52'22	0♈22	1°58	13°18	18°24	24° 7	8°26	1°50	23°11	4°56	19°17	20°24	7°42	24°42	W22
T 23	4 8 54	0♐52'53	13° 7	3°32	14°21	18°56	24°18	8°32	1°48	23°10	4°56	19°11	20°21	7°49	24°39	T 23
F 24	4 12 50	1°53'26	26°15	5° 6	15°24	19°28	24°29	8°37	1°46	23°10	4°55	19° 3	20°17	7°56	24°36	F 24
S 25	4 16 47	2°54'01	9♑47	6°40	16°27	20° 0	24°40	8°43	1°44	23°10	4°55	18°55	20°14	8° 2	24°32	S 25
S 26	4 20 44	3°54'37	23°41	8°14	17°30	20°31	24°51	8°48	1°42	23° 9	4°54	18°47	20°11	8° 9	24°29	S 26
M27	4 24 40	4°55'14	7♒53	9°48	18°34	21° 3	25° 2	8°53	1°40	23° 9	4°54	18°41	20° 8	8°16	24°26	M27
T 28	4 28 37	5°55'52	22°18	11°22	19°38	21°34	25°14	8°58	1°38	23° 9	4°53	18°36	20° 5	8°22	24°22	T 28
W29	4 32 33	6°56'33	6♋50	12°55	20°43	22° 5	25°25	9° 4	1°36	23° 9	4°52	18°34	20° 2	8°29	24°19	W29
T 30	4 36 30	7♐57'14	21♋24	14♐28	21♎47	22♍36	25♑37	9♎ 9	1♉34	23♓ 8	4♌52	18°D33	19♋58	8♒36	24♊15	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14s25	21n21	2s 2	9s10	1n38	2n15	0s27	10n28	1n34	22s13	0s24	0s33	2n 7	11n52	0s33	3s41	1s11	22n11	3n17	21n50	21n42	20s 6	17n37	5s44
T 2	14 44	22 7	0 50	9 50	1 32	2 1	0 19	10 16	1 35	22 12	0 24	0 36	2 7	11 51	0 33	3 41	1 11	22 11	3 17	21 50	21 42	20 5	17 36	5 44
F 3	15 3	21 28	0n25	10 30	1 27	1 48	0 12	10 4	1 35	22 10	0 24	0 38	2 7	11 50	0 33	3 42	1 11	22 11	3 17	21 50	21 43	20 5	17 36	5 45
S 4	15 21	19 28	1 38	11 9	1 21	1 34	0 5	9 52	1 36	22 9	0 24	0 40	2 7	11 49	0 33	3 42	1 11	22 11	3 18	21 50	21 43	20 4	17 35	5 45
S 5	15 40	16 17	2 46	11 49	1 15	1 19	0n 3	9 40	1 37	22 8	0 24	0 43	2 8	11 49	0 33	3 43	1 11	22 12	3 18	21 50	21 44	20 3	17 35	5 45
M 6	15 58	12 11	3 43	12 27	1 9	1 4	0 9	9 28	1 37	22 6	0 24	0 45	2 8	11 48	0 33	3 43	1 10	22 12	3 18	21 51	21 44	20 2	17 34	5 46
T 7	16 15	7 26	4 26	13 6	1 3	0 48	0 16	9 16	1 38	22 5	0 24	0 48	2 8	11 47	0 33	3 43	1 10	22 12	3 18	21 51	21 45	20 1	17 34	5 46
W 8	16 33	2 21	4 53	13 43	0 57	0 32	0 23	9 3	1 39	22 4	0 24	0 50	2 8	11 46	0 33	3 44	1 10	22 12	3 18	21 52	21 45	20 1	17 34	5 47
T 9	16 50	2s47	5 3	14 20	0 50	0 16	0 29	8 51	1 40	22 2	0 24	0 52	2 8	11 45	0 33	3 44	1 10	22 12	3 18	21 54	21 46	20 0	17 33	5 47
F 10	17 7	7 44	4 56	14 57	0 43	0s 1	0 35	8 39	1 40	22 1	0 24	0 55	2 8	11 45	0 33	3 44	1 10	22 12	3 18	21 55	21 46	19 59	17 33	5 47
S 11	17 24	12 14	4 33	15 32	0 37	0 18	0 41	8 27	1 41	21 59	0 24	0 57	2 9	11 44	0 33	3 44	1 10	22 13	3 19	21 57	21 47	19 58	17 32	5 48
S 12	17 40	16 5	3 56	16 7	0 30	0 35	0 47	8 15	1 42	21 58	0 25	0 59	2 9	11 43	0 33	3 45	1 10	22 13	3 19	21 59	21 47	19 57	17 32	5 48
M13	17 56	19 5	3 7	16 41	0 23	0 53	0 53	8 3	1 42	21 56	0 25	1 2	2 9	11 42	0 33	3 45	1 10	22 13	3 19	22 0	21 48	19 56	17 31	5 49
T 14	18 12	21 7	2 11	17 15	0 16	1 11	0 58	7 51	1 43	21 54	0 25	1 4	2 9	11 41	0 32	3 45	1 10	22 13	3 19	22 1	21 48	19 55	17 31	5 49
W15	18 27	22 7	1 9	17 47	0 10	1 30	1 3	7 39	1 44	21 53	0 25	1 6	2 9	11 41	0 32	3 45	1 10	22 13	3 19	22 1	21 49	19 55	17 30	5 49
T 16	18 43	22 4	0 5	18 19	0 3	1 48	1 9	7 27	1 44	21 51	0 25	1 8	2 9	11 40	0 32	3 46	1 10	22 14	3 19	22 1	21 49	19 54	17 30	5 50
F 17	18 57	21 1	0s59	18 49	0s 4	2 7	1 14	7 15	1 45	21 49	0 25	1 10	2 10	11 39	0 32	3 46	1 10	22 14	3 20	22 1	21 50	19 53	17 29	5 50
S 18	19 12	19 4	1 59	19 19	0 11	2 27	1 18	7 3	1 46	21 48	0 25	1 12	2 10	11 38	0 32	3 46	1 10	22 14	3 20	22 1	21 50	19 52	17 29	5 50
S 19	19 26	16 18	2 55	19 48	0 17	2 46	1 23	6 51	1 46	21 46	0 25	1 14	2 10	11 38	0 32	3 46	1 10	22 14	3 20	22 1	21 51	19 51	17 28	5 51
M20	19 40	12 50	3 44	20 16	0 24	3 6	1 27	6 39	1 47	21 44	0 25	1 17	2 10	11 37	0 32	3 46	1 10	22 15	3 20	22 1	21 51	19 50	17 28	5 51
T 21	19 53	8 48	4 23	20 42	0 30	3 26	1 32	6 27	1 48	21 42	0 25	1 19	2 10	11 36	0 32	3 47	1 10	22 15	3 20	22 1	21 52	19 49	17 28	5 51
W22	20 6	4 19	4 52	21 8	0 37	3 46	1 36	6 15	1 49	21 41	0 25	1 21	2 11	11 36	0 32	3 47	1 10	22 15	3 20	22 2	21 52	19 48	17 27	5 52
T 23	20 19	0n28	5 6	21 33	0 43	4 7	1 40	6 3	1 49	21 39	0 25	1 23	2 11	11 35	0 32	3 47	1 10	22 15	3 20	22 3	21 53	19 47	17 27	5 52
F 24	20 31	5 22	5 6	21 56	0 50	4 27	1 44	5 51	1 50	21 37	0 25	1 25	2 11	11 34	0 32	3 47	1 10	22 16	3 21	22 4	21 53	19 47	17 26	5 52
S 25	20 43	10 10	4 48	22 19	0 56	4 48	1 47	5 39	1 51	21 35	0 25	1 26	2 11	11 34	0 32	3 47	1 10	22 16	3 21	22 5	21 53	19 46	17 26	5 52
S 26	20 55	14 35	4 13	22 40	1 2	5 9	1 51	5 28	1 51	21 33	0 25	1 28	2 11	11 33	0 32	3 47	1 10	22 16	3 21	22 6	21 54	19 45	17 26	5 53
M27	21 6	18 16	3 22	23 1	1 8	5 30	1 54	5 16	1 52	21 31	0 25	1 30	2 12	11 32	0 32	3 47	1 10	22 16	3 21	22 7	21 54	19 44	17 25	5 53
T 28	21 16	20 54	2 18	23 20	1 13	5 52	1 58	5 4	1 53	21 29	0 25	1 32	2 12	11 32	0 32	3 47	1 10	22 17	3 21	22 7	21 55	19 43	17 25	5 53
W29	21 27	22 11	1 3	23 38	1 19	6 13	2 1	4 53	1 54	21 27	0 25	1 34	2 12	11 31	0 32	3 47	1 10	22 17	3 21	22 8	21 55	19 42	17 24	5 53
T 30	21s37	21n58	0n15	23s54	1s24	6s34	2n 4	4n41	1n54	21s25	0s25	1s36	2n12	11n30	0s32	3s47	1s10	22n17	3n21	22n 8	21n56	19s41	17n24	5s54

Julian Day Number = 2519784.5, Delta T = 150.67 sec
Ecliptic obliquity = 23°24'51, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°21'04, Lahiri = 26°28'05

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2186
geocentric

DECEMBER 2186 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 40 26	8♐57'57	5♌53	16♐ 2	22♎52	23♍ 7	25♑48	9♎14	1°R33	23°R 8	4°R51	18♋34	19♋55	8♒42	24°R12	F 1
S 2	4 44 23	9°58'42	20°14	17°35	23°58	23°38	26° 0	9°18	1♉31	23♓ 8	4♌51	18°36	19°52	8°49	24♊ 8	S 2
S 3	4 48 20	10°59'28	4♍24	19° 8	25° 3	24° 8	26°12	9°23	1°29	23° 8	4°50	18°R37	19°49	8°56	24° 5	S 3
M 4	4 52 16	12° 0'16	18°22	20°41	26° 9	24°39	26°24	9°28	1°27	23°D 8	4°49	18°37	19°46	9° 2	24° 1	M 4
T 5	4 56 13	13° 1'05	2♎ 8	22°14	27°16	25° 9	26°36	9°33	1°26	23° 8	4°48	18°35	19°42	9° 9	23°58	T 5
W 6	5 0 9	14° 1'56	15°41	23°47	28°22	25°39	26°48	9°37	1°24	23° 8	4°48	18°32	19°39	9°16	23°54	W 6
T 7	5 4 6	15° 2'47	29° 2	25°19	29°29	26° 9	27° 0	9°42	1°23	23° 8	4°47	18°27	19°36	9°22	23°51	T 7
F 8	5 8 2	16° 3'41	12♏ 9	26°52	0♏36	26°39	27°13	9°46	1°21	23° 8	4°46	18°22	19°33	9°29	23°47	F 8
S 9	5 11 59	17° 4'35	25° 3	28°24	1°43	27° 8	27°25	9°50	1°19	23° 8	4°45	18°16	19°30	9°35	23°43	S 9
S 10	5 15 55	18° 5'31	7♐44	29°57	2°50	27°38	27°37	9°54	1°18	23° 9	4°45	18°11	19°27	9°42	23°40	S 10
M11	5 19 52	19° 6'28	20°13	1♑29	3°58	28° 7	27°50	9°59	1°17	23° 9	4°44	18° 7	19°23	9°49	23°36	M11
T 12	5 23 49	20° 7'26	2♑29	3° 1	5° 5	28°36	28° 2	10° 3	1°15	23° 9	4°43	18° 4	19°20	9°55	23°32	T 12
W13	5 27 45	21° 8'25	14°34	4°33	6°13	29° 5	28°15	10° 7	1°14	23° 9	4°42	18°D 3	19°17	10° 2	23°28	W13
T 14	5 31 42	22° 9'24	26°30	6° 5	7°22	29°34	28°28	10°10	1°13	23°10	4°41	18° 3	19°14	10° 9	23°25	T 14
F 15	5 35 38	23°10'24	8♒19	7°36	8°30	0♎ 2	28°40	10°14	1°11	23°10	4°40	18° 5	19°11	10°15	23°21	F 15
S 16	5 39 35	24°11'25	20° 7	9° 7	9°39	0°31	28°53	10°18	1°10	23°10	4°39	18° 6	19° 8	10°22	23°17	S 16
S 17	5 43 31	25°12'26	1♓55	10°38	10°47	0°59	29° 6	10°21	1° 9	23°11	4°38	18° 8	19° 4	10°29	23°14	S 17
M18	5 47 28	26°13'28	13°49	12° 8	11°56	1°27	29°19	10°25	1° 8	23°11	4°37	18°10	19° 1	10°35	23°10	M18
T 19	5 51 24	27°14'31	25°55	13°37	13° 5	1°55	29°32	10°28	1° 7	23°12	4°36	18°R10	18°58	10°42	23° 6	T 19
W20	5 55 21	28°15'33	8♈16	15° 5	14°14	2°22	29°45	10°32	1° 6	23°12	4°35	18°10	18°55	10°49	23° 3	W20
T 21	5 59 18	29°16'36	20°57	16°33	15°24	2°49	29°58	10°35	1° 5	23°13	4°34	18° 8	18°52	10°55	22°59	T 21
F 22	6 3 14	0♑17'40	4♉ 2	17°59	16°33	3°16	0♒11	10°38	1° 4	23°14	4°33	18° 6	18°48	11° 2	22°55	F 22
S 23	6 7 11	1°18'44	17°34	19°24	17°43	3°43	0°24	10°41	1° 3	23°14	4°32	18° 4	18°45	11° 9	22°52	S 23
S 24	6 11 7	2°19'48	1♊32	20°47	18°53	4°10	0°38	10°44	1° 2	23°15	4°31	18° 2	18°42	11°15	22°48	S 24
M25	6 15 4	3°20'53	15°54	22° 8	20° 3	4°36	0°51	10°47	1° 1	23°16	4°30	18° 0	18°39	11°22	22°44	M25
T 26	6 19 0	4°21'58	0♋36	23°27	21°13	5° 3	1° 4	10°49	1° 1	23°16	4°29	17°59	18°36	11°29	22°41	T 26
W27	6 22 57	5°23'03	15°31	24°44	22°23	5°29	1°18	10°52	1° 0	23°17	4°27	17°D58	18°33	11°35	22°37	W27
T 28	6 26 53	6°24'09	0♌30	25°56	23°33	5°54	1°31	10°55	0°59	23°18	4°26	17°58	18°29	11°42	22°33	T 28
F 29	6 30 50	7°25'15	15°26	27° 6	24°44	6°20	1°45	10°57	0°59	23°19	4°25	17°59	18°26	11°49	22°30	F 29
S 30	6 34 47	8°26'22	0♍11	28°10	25°55	6°45	1°58	10°59	0°58	23°20	4°24	18° 0	18°23	11°55	22°26	S 30
S 31	6 38 43	9♑27'30	14♍39	29♑10	27♏ 5	7♎10	2♒12	11♎ 2	0♉58	23♓20	4♌23	18♋ 1	18♋20	12♒ 2	22♊23	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21s46	20n17	1n33	24s10	1s29	6s56	2n 6	4n30	1n55	21s23	0s25	1s37	2n12	11n30	0s32	3s47	1s10	22n17	3n22	22n 8	21n56	19s40	17n24	5s54
S 2	21 55	17 19	2 44	24 24	1 34	7 17	2 9	4 18	1 56	21 20	0 25	1 39	2 13	11 29	0 32	3 47	1 10	22 18	3 22	22 8	21 57	19 39	17 23	5 54
S 3	22 4	13 22	3 44	24 37	1 39	7 39	2 11	4 7	1 57	21 18	0 25	1 41	2 13	11 29	0 32	3 47	1 10	22 18	3 22	22 7	21 57	19 38	17 23	5 54
M 4	22 12	8 44	4 30	24 49	1 44	8 1	2 14	3 55	1 57	21 16	0 25	1 42	2 13	11 28	0 32	3 47	1 10	22 18	3 22	22 7	21 58	19 37	17 23	5 55
T 5	22 20	3 44	4 59	24 59	1 48	8 22	2 16	3 44	1 58	21 14	0 25	1 44	2 13	11 27	0 32	3 47	1 10	22 19	3 22	22 8	21 58	19 36	17 22	5 55
W 6	22 28	1s22	5 11	25 8	1 52	8 44	2 18	3 33	1 59	21 12	0 26	1 45	2 14	11 27	0 32	3 47	1 10	22 19	3 22	22 8	21 59	19 35	17 22	5 55
T 7	22 35	6 20	5 7	25 16	1 56	9 6	2 20	3 22	2 0	21 9	0 26	1 47	2 14	11 26	0 32	3 47	1 10	22 19	3 22	22 9	21 59	19 34	17 22	5 55
F 8	22 41	10 56	4 46	25 22	2 0	9 28	2 21	3 10	2 0	21 7	0 26	1 48	2 14	11 26	0 32	3 47	1 10	22 20	3 23	22 9	21 59	19 33	17 21	5 55
S 9	22 47	14 57	4 10	25 27	2 3	9 49	2 23	2 59	2 1	21 5	0 26	1 50	2 14	11 25	0 32	3 47	1 10	22 20	3 23	22 10	22 0	19 32	17 21	5 55
S 10	22 53	18 14	3 23	25 31	2 6	10 11	2 24	2 48	2 2	21 2	0 26	1 51	2 15	11 25	0 32	3 47	1 10	22 20	3 23	22 11	22 0	19 31	17 21	5 56
M11	22 58	20 37	2 27	25 33	2 9	10 32	2 26	2 38	2 3	21 0	0 26	1 53	2 15	11 24	0 32	3 47	1 9	22 21	3 23	22 11	22 1	19 30	17 20	5 56
T 12	23 3	21 59	1 25	25 34	2 11	10 54	2 27	2 27	2 4	20 57	0 26	1 54	2 15	11 24	0 32	3 47	1 9	22 21	3 23	22 12	22 1	19 29	17 20	5 56
W13	23 7	22 18	0 19	25 33	2 13	11 15	2 28	2 16	2 4	20 55	0 26	1 55	2 15	11 24	0 32	3 47	1 9	22 21	3 23	22 12	22 2	19 28	17 20	5 56
T 14	23 11	21 35	0s46	25 31	2 15	11 36	2 29	2 5	2 5	20 52	0 26	1 57	2 16	11 23	0 32	3 46	1 9	22 22	3 23	22 12	22 2	19 27	17 19	5 56
F 15	23 14	19 56	1 49	25 27	2 16	11 58	2 30	1 55	2 6	20 50	0 26	1 58	2 16	11 23	0 32	3 46	1 9	22 22	3 24	22 12	22 3	19 26	17 19	5 56
S 16	23 17	17 25	2 48	25 22	2 17	12 19	2 30	1 44	2 7	20 47	0 26	1 59	2 16	11 22	0 32	3 46	1 9	22 22	3 24	22 11	22 3	19 25	17 19	5 56
S 17	23 20	14 11	3 39	25 16	2 17	12 39	2 31	1 34	2 8	20 45	0 26	2 0	2 16	11 22	0 32	3 46	1 9	22 23	3 24	22 11	22 4	19 24	17 19	5 56
M18	23 22	10 22	4 21	25 8	2 17	13 0	2 31	1 23	2 8	20 42	0 26	2 1	2 17	11 22	0 32	3 46	1 9	22 23	3 24	22 11	22 4	19 23	17 18	5 56
T 19	23 23	6 6	4 53	24 58	2 16	13 21	2 31	1 13	2 9	20 39	0 26	2 3	2 17	11 21	0 32	3 45	1 9	22 24	3 24	22 11	22 4	19 22	17 18	5 56
W20	23 24	1 30	5 11	24 48	2 15	13 41	2 32	1 3	2 10	20 37	0 26	2 4	2 17	11 21	0 32	3 45	1 9	22 24	3 24	22 11	22 5	19 21	17 18	5 57
T 21	23 25	3n17	5 16	24 35	2 13	14 1	2 32	0 53	2 11	20 34	0 26	2 5	2 17	11 21	0 32	3 45	1 9	22 24	3 24	22 11	22 5	19 20	17 18	5 57
F 22	23 25	8 5	5 4	24 22	2 10	14 21	2 32	0 43	2 12	20 31	0 26	2 6	2 18	11 20	0 32	3 45	1 9	22 25	3 24	22 11	22 6	19 19	17 17	5 57
S 23	23 24	12 39	4 35	24 7	2 7	14 40	2 31	0 33	2 13	20 28	0 26	2 6	2 18	11 20	0 32	3 44	1 9	22 25	3 25	22 12	22 6	19 18	17 17	5 57
S 24	23 24	16 41	3 50	23 50	2 3	15 0	2 31	0 23	2 13	20 26	0 26	2 7	2 18	11 20	0 31	3 44	1 9	22 25	3 25	22 12	22 7	19 17	17 17	5 57
M25	23 22	19 52	2 49	23 33	1 59	15 19	2 31	0 14	2 14	20 23	0 27	2 8	2 19	11 20	0 31	3 44	1 9	22 26	3 25	22 12	22 7	19 16	17 17	5 57
T 26	23 21	21 50	1 35	23 14	1 53	15 38	2 30	0 4	2 15	20 20	0 27	2 9	2 19	11 19	0 31	3 44	1 9	22 26	3 25	22 12	22 7	19 15	17 17	5 57
W27	23 18	22 17	0 14	22 55	1 47	15 56	2 30	0s 5	2 16	20 17	0 27	2 10	2 19	11 19	0 31	3 43	1 9	22 27	3 25	22 13	22 8	19 14	17 16	5 57
T 28	23 16	21 9	1n 9	22 34	1 40	16 14	2 29	0 15	2 17	20 14	0 27	2 11	2 19	11 19	0 31	3 43	1 9	22 27	3 25	22 13	22 8	19 13	17 16	5 57
F 29	23 12	18 32	2 27	22 13	1 31	16 32	2 28	0 24	2 18	20 11	0 27	2 11	2 20	11 19	0 31	3 42	1 9	22 27	3 25	22 12	22 9	19 12	17 16	5 57
S 30	23 9	14 44	3 34	21 51	1 22	16 50	2 27	0 33	2 19	20 8	0 27	2 12	2 20	11 19	0 31	3 42	1 9	22 28	3 25	22 12	22 9	19 11	17 16	5 57
S 31	23s 5	10n 7	4n26	21s28	1s12	17s 7	2n26	0s42	2n19	20s 5	0s27	2s13	2n20	11n18	0s31	3s42	1s 9	22n28	3n25	22n12	22n10	19s 9	17n16	5s57

Julian Day Number = 2519814.5, Delta T = 150.75 sec
Ecliptic obliquity = 23°24'50, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°21'08, Lahiri = 26°28'09

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2187
geocentric

JANUARY 2187 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 42 40	10♑28'37	28♍48	0♒ 4	28♏16	7♎35	2♒26	11♎ 4	0°R57	23♓21	4°R22	18♋ 1	18♋17	12♒ 9	22°R19	M 1
T 2	6 46 36	11°29'46	12♎35	0°52	29°27	7°59	2°39	11° 6	0♉57	23°22	4♌20	18°R 1	18°14	12°15	22♊16	T 2
W 3	6 50 33	12°30'55	26° 2	1°31	0♐38	8°23	2°53	11° 8	0°56	23°23	4°19	18° 1	18°10	12°22	22°12	W 3
T 4	6 54 29	13°32'04	9♏ 9	2° 3	1°49	8°47	3° 7	11° 9	0°56	23°24	4°18	18° 1	18° 7	12°29	22° 9	T 4
F 5	6 58 26	14°33'14	21°59	2°25	3° 1	9°11	3°21	11°11	0°56	23°25	4°17	18° 0	18° 4	12°35	22° 6	F 5
S 6	7 2 22	15°34'24	4♐34	2°37	4°12	9°34	3°34	11°13	0°56	23°26	4°15	18° 0	18° 1	12°42	22° 2	S 6
S 7	7 6 19	16°35'34	16°56	2°R38	5°23	9°57	3°48	11°14	0°56	23°28	4°14	18° 0	17°58	12°49	21°59	S 7
M 8	7 10 16	17°36'44	29° 7	2°27	6°35	10°19	4° 2	11°16	0°56	23°29	4°13	18°D 0	17°54	12°55	21°56	M 8
T 9	7 14 12	18°37'55	11♑10	2° 5	7°47	10°42	4°16	11°17	0°D56	23°30	4°12	18° 0	17°51	13° 2	21°53	T 9
W10	7 18 9	19°39'05	23° 6	1°31	8°58	11° 4	4°30	11°18	0°56	23°31	4°10	18°R 0	17°48	13° 9	21°49	W10
T 11	7 22 5	20°40'15	4♒58	0°45	10°10	11°25	4°44	11°19	0°56	23°32	4° 9	17°59	17°45	13°15	21°46	T 11
F 12	7 26 2	21°41'25	16°46	29♑49	11°22	11°47	4°58	11°20	0°56	23°34	4° 8	17°59	17°42	13°22	21°43	F 12
S 13	7 29 58	22°42'35	28°34	28°44	12°34	12° 8	5°12	11°21	0°56	23°35	4° 6	17°59	17°39	13°29	21°40	S 13
S 14	7 33 55	23°43'44	10♓24	27°32	13°46	12°28	5°26	11°22	0°56	23°36	4° 5	17°58	17°35	13°35	21°37	S 14
M15	7 37 52	24°44'53	22°19	26°15	14°58	12°49	5°40	11°22	0°57	23°38	4° 4	17°57	17°32	13°42	21°34	M15
T 16	7 41 48	25°46'01	4♈24	24°56	16°10	13° 8	5°54	11°23	0°57	23°39	4° 2	17°56	17°29	13°48	21°31	T 16
W17	7 45 45	26°47'08	16°42	23°36	17°23	13°28	6° 8	11°23	0°57	23°40	4° 1	17°56	17°26	13°55	21°29	W17
T 18	7 49 41	27°48'15	29°18	22°20	18°35	13°47	6°22	11°24	0°58	23°42	4° 0	17°D55	17°23	14° 2	21°26	T 18
F 19	7 53 38	28°49'21	12♉15	21° 8	19°47	14° 6	6°37	11°24	0°58	23°43	3°58	17°56	17°20	14° 8	21°23	F 19
S 20	7 57 34	29°50'27	25°37	20° 2	21° 0	14°24	6°51	11°R24	0°59	23°45	3°57	17°56	17°16	14°15	21°20	S 20
S 21	8 1 31	0♒51'31	9♊26	19° 5	22°12	14°42	7° 5	11°24	0°59	23°46	3°56	17°58	17°13	14°22	21°18	S 21
M22	8 5 27	1°52'35	23°42	18°16	23°25	15° 0	7°19	11°24	1° 0	23°48	3°54	17°59	17°10	14°28	21°15	M22
T 23	8 9 24	2°53'39	8♋23	17°36	24°37	15°17	7°33	11°23	1° 1	23°50	3°53	17°59	17° 7	14°35	21°13	T 23
W24	8 13 21	3°54'41	23°24	17° 6	25°50	15°33	7°47	11°23	1° 2	23°51	3°52	18°R 0	17° 4	14°42	21°10	W24
T 25	8 17 17	4°55'43	8♌37	16°45	27° 2	15°49	8° 2	11°23	1° 2	23°53	3°50	17°59	17° 0	14°48	21° 8	T 25
F 26	8 21 14	5°56'44	23°52	16°33	28°15	16° 5	8°16	11°22	1° 3	23°54	3°49	17°57	16°57	14°55	21° 6	F 26
S 27	8 25 10	6°57'44	8♍58	16°D30	29°28	16°21	8°30	11°21	1° 4	23°56	3°48	17°55	16°54	15° 2	21° 4	S 27
S 28	8 29 7	7°58'44	23°48	16°34	0♑41	16°35	8°44	11°21	1° 5	23°58	3°46	17°52	16°51	15° 8	21° 1	S 28
M29	8 33 3	8°59'43	8♎14	16°46	1°54	16°50	8°58	11°20	1° 6	23°59	3°45	17°49	16°48	15°15	20°59	M29
T 30	8 37 0	10° 0'41	22°14	17° 5	3° 7	17° 3	9°13	11°19	1° 7	24° 1	3°44	17°47	16°45	15°22	20°57	T 30
W31	8 40 56	11♒ 1'39	5♏46	17♑30	4♑20	17♎17	9♒27	11♎18	1♉ 8	24♓ 3	3♌42	17°D46	16♋41	15♒28	20♊55	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
M 1	23s 0	5n 4	5n 0	21s 6	1s 0	17s24	2n25	0s51	2n20	20s 2	0s27	2s13	2n20	11n18	0s31	3s41	1s 9	22n29	3n26	22n12	22n10	19s 8	17n16	5s56	
T 2	22 55	0s 7	5 16	20 43	0 48	17 40	2 24	1 0	2 21	19 59	0 27	2 14	2 21	11 18	0 31	3 41	1 9	22 29	3 26	22 12	22 11	19 7	17 15	5 56	
W 3	22 50	5 9	5 15	20 21	0 34	17 57	2 22	1 9	2 22	19 56	0 27	2 14	2 21	11 18	0 31	3 40	1 9	22 29	3 26	22 12	22 11	19 6	17 15	5 56	
T 4	22 44	9 50	4 57	20 0	0 19	18 12	2 21	1 17	2 23	19 53	0 27	2 15	2 21	11 18	0 31	3 40	1 9	22 30	3 26	22 12	22 11	19 5	17 15	5 56	
F 5	22 37	14 0	4 24	19 39	0 3	18 28	2 19	1 26	2 24	19 50	0 27	2 15	2 22	11 18	0 31	3 40	1 9	22 30	3 26	22 12	22 12	19 4	17 15	5 56	
S 6	22 30	17 27	3 39	19 20	0n14	18 42	2 18	1 34	2 25	19 47	0 27	2 15	2 22	11 18	0 31	3 39	1 9	22 31	3 26	22 12	22 12	19 3	17 15	5 56	
S 7	22 23	20 3	2 44	19 3	0 31	18 57	2 16	1 42	2 26	19 43	0 27	2 16	2 22	11 18	0 31	3 39	1 9	22 31	3 26	22 12	22 13	19 2	17 15	5 56	
M 8	22 15	21 42	1 43	18 47	0 50	19 11	2 14	1 50	2 27	19 40	0 27	2 16	2 22	11 18	0 31	3 38	1 9	22 31	3 26	22 12	22 13	19 0	17 15	5 56	
T 9	22 7	22 19	0 38	18 33	1 9	19 24	2 12	1 58	2 28	19 37	0 28	2 16	2 23	11 18	0 31	3 38	1 9	22 32	3 26	22 12	22 13	18 59	17 15	5 56	
W10	21 59	21 54	0s28	18 22	1 28	19 37	2 10	2 6	2 28	19 34	0 28	2 16	2 23	11 18	0 31	3 37	1 9	22 32	3 26	22 12	22 14	18 58	17 15	5 56	
T 11	21 50	20 31	1 33	18 14	1 47	19 50	2 8	2 13	2 29	19 30	0 28	2 16	2 23	11 18	0 31	3 37	1 9	22 33	3 27	22 12	22 14	18 57	17 15	5 55	
F 12	21 40	18 14	2 33	18 7	2 5	20 2	2 6	2 21	2 30	19 27	0 28	2 17	2 24	11 18	0 31	3 36	1 9	22 33	3 27	22 12	22 15	18 56	17 15	5 55	
S 13	21 30	15 12	3 27	18 4	2 23	20 14	2 4	2 28	2 31	19 24	0 28	2 17	2 24	11 18	0 31	3 36	1 8	22 33	3 27	22 12	22 15	18 55	17 15	5 55	
S 14	21 20	11 33	4 12	18 2	2 39	20 25	2 2	2 35	2 32	19 21	0 28	2 17	2 24	11 18	0 31	3 35	1 8	22 34	3 27	22 13	22 16	18 54	17 15	5 55	
M15	21 9	7 26	4 46	18 3	2 53	20 35	2 0	2 42	2 33	19 17	0 28	2 17	2 24	11 19	0 31	3 35	1 8	22 34	3 27	22 13	22 16	18 52	17 15	5 55	
T 16	20 58	2 59	5 9	18 6	3 4	20 45	1 57	2 49	2 34	19 14	0 28	2 17	2 25	11 19	0 31	3 34	1 8	22 35	3 27	22 13	22 16	18 51	17 15	5 55	
W17	20 47	1n40	5 17	18 10	3 14	20 55	1 55	2 56	2 35	19 10	0 28	2 16	2 25	11 19	0 31	3 33	1 8	22 35	3 27	22 13	22 17	18 50	17 15	5 54	
T 18	20 35	6 21	5 11	18 16	3 21	21 3	1 52	3 2	2 36	19 7	0 28	2 16	2 25	11 19	0 31	3 33	1 8	22 35	3 27	22 13	22 17	18 49	17 15	5 54	
F 19	20 22	10 54	4 49	18 23	3 25	21 12	1 50	3 8	2 37	19 3	0 28	2 16	2 26	11 19	0 31	3 32	1 8	22 36	3 27	22 13	22 18	18 48	17 15	5 54	
S 20	20 10	15 4	4 12	18 31	3 27	21 19	1 47	3 15	2 38	19 0	0 28	2 16	2 26	11 19	0 31	3 32	1 8	22 36	3 27	22 13	22 18	18 46	17 15	5 54	
S 21	19 57	18 35	3 18	18 39	3 26	21 27	1 45	3 21	2 39	18 56	0 28	2 16	2 26	11 20	0 31	3 31	1 8	22 37	3 27	22 13	22 18	18 45	17 15	5 54	
M22	19 43	21 5	2 11	18 48	3 24	21 33	1 42	3 26	2 40	18 53	0 28	2 15	2 26	11 20	0 31	3 30	1 8	22 37	3 27	22 12	22 19	18 44	17 15	5 53	
T 23	19 29	22 16	0 53	18 58	3 19	21 39	1 39	3 32	2 41	18 49	0 29	2 15	2 27	11 20	0 30	3 30	1 8	22 37	3 28	22 12	22 19	18 43	17 15	5 53	
W24	19 15	21 53	0n30	19 7	3 14	21 44	1 37	3 38	2 42	18 46	0 29	2 15	2 27	11 21	0 30	3 29	1 8	22 38	3 28	22 12	22 20	18 42	17 15	5 53	
T 25	19 1	19 53	1 52	19 17	3 6	21 49	1 34	3 43	2 43	18 42	0 29	2 14	2 27	11 21	0 30	3 28	1 8	22 38	3 28	22 12	22 20	18 40	17 15	5 53	
F 26	18 46	16 28	3 6	19 26	2 58	21 53	1 31	3 48	2 44	18 39	0 29	2 14	2 28	11 21	0 30	3 28	1 8	22 39	3 28	22 13	22 20	18 39	17 15	5 52	
S 27	18 31	12 0	4 6	19 36	2 49	21 57	1 28	3 53	2 45	18 35	0 29	2 13	2 28	11 22	0 30	3 27	1 8	22 39	3 28	22 13	22 21	18 38	17 15	5 52	
S 28	18 15	6 52	4 48	19 45	2 40	22 0	1 25	3 58	2 46	18 31	0 29	2 13	2 28	11 22	0 30	3 26	1 8	22 39	3 28	22 13	22 21	18 37	17 15	5 52	
M29	17 59	1 30	5 11	19 53	2 30	22 2	1 22	4 2	2 47	18 28	0 29	2 12	2 28	11 22	0 30	3 26	1 8	22 40	3 28	22 14	22 22	18 36	17 16	5 52	
T 30	17 43	3s47	5 15	20 1	2 19	22 4	1 19	4 7	2 48	18 24	0 29	2 11	2 29	11 23	0 30	3 25	1 8	22 40	3 28	22 14	22 22	18 34	17 16	5 51	
W31	17s27	8s42	5n 0	20s 9	2n 8	22s 5	1n16	4s11	2n49	18s20	0s29	2s11	2n29	11n23	0s30	3s24	1s 8	22n40	3n28	22n14	22n22	18s33	17n16	5s51	

Julian Day Number = 2519845.5, Delta T = 150.82 sec
Ecliptic obliquity = 23°24'51, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°21'13, Lahiri = 26°28'13

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2187
geocentric

FEBRUARY 2187 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 44 53	12♒ 2'37	18♏52	18♉ 1	5♉33	17♎30	9♒41	11°R16	1♉ 9	24♓ 5	3°R41	17♋46	16♋38	15♒35	20°R53	T 1
F 2	8 48 50	13° 3'34	1♐36	18°38	6°46	17°42	9°55	11♎15	1°11	24° 7	3♌40	17°48	16°35	15°42	20♊52	F 2
S 3	8 52 46	14° 4'30	14° 1	19°19	7°59	17°54	10°10	11°14	1°12	24° 8	3°38	17°49	16°32	15°48	20°50	S 3
S 4	8 56 43	15° 5'25	26°12	20° 4	9°12	18° 5	10°24	11°12	1°13	24°10	3°37	17°51	16°29	15°55	20°48	S 4
M 5	9 0 39	16° 6'20	8♑12	20°53	10°25	18°15	10°38	11°11	1°15	24°12	3°36	17°52	16°26	16° 2	20°46	M 5
T 6	9 4 36	17° 7'14	20° 5	21°46	11°38	18°25	10°52	11° 9	1°16	24°14	3°34	17°R53	16°22	16° 8	20°45	T 6
W 7	9 8 32	18° 8'06	1♒55	22°43	12°52	18°35	11° 6	11° 7	1°17	24°16	3°33	17°52	16°19	16°15	20°43	W 7
T 8	9 12 29	19° 8'58	13°42	23°42	14° 5	18°44	11°21	11° 5	1°19	24°18	3°32	17°49	16°16	16°22	20°42	T 8
F 9	9 16 25	20° 9'49	25°31	24°44	15°18	18°52	11°35	11° 3	1°21	24°20	3°31	17°45	16°13	16°28	20°41	F 9
S 10	9 20 22	21°10'38	7♓22	25°48	16°31	19° 0	11°49	11° 1	1°22	24°22	3°29	17°39	16°10	16°35	20°39	S 10
S 11	9 24 19	22°11'26	19°18	26°55	17°45	19° 7	12° 3	10°59	1°24	24°24	3°28	17°33	16° 6	16°42	20°38	S 11
M12	9 28 15	23°12'12	1♈20	28° 4	18°58	19°13	12°17	10°56	1°25	24°26	3°27	17°26	16° 3	16°48	20°37	M12
T 13	9 32 12	24°12'57	13°31	29°15	20°12	19°19	12°31	10°54	1°27	24°28	3°26	17°19	16° 0	16°55	20°36	T 13
W14	9 36 8	25°13'41	25°52	0♒27	21°25	19°24	12°45	10°51	1°29	24°30	3°24	17°14	15°57	17° 2	20°35	W14
T 15	9 40 5	26°14'23	8♉27	1°42	22°38	19°28	12°59	10°49	1°31	24°32	3°23	17°11	15°54	17° 8	20°34	T 15
F 16	9 44 1	27°15'03	21°20	2°58	23°52	19°32	13°13	10°46	1°33	24°34	3°22	17°D 9	15°51	17°15	20°34	F 16
S 17	9 47 58	28°15'42	4♊33	4°15	25° 5	19°35	13°27	10°43	1°35	24°36	3°21	17° 9	15°47	17°22	20°33	S 17
S 18	9 51 54	29°16'19	18° 9	5°34	26°19	19°37	13°41	10°41	1°37	24°38	3°19	17°10	15°44	17°28	20°32	S 18
M19	9 55 51	0♓16'55	2♋10	6°54	27°32	19°38	13°55	10°38	1°39	24°40	3°18	17°12	15°41	17°35	20°32	M19
T 20	9 59 48	1°17'28	16°36	8°16	28°46	19°39	14° 9	10°35	1°41	24°42	3°17	17°R12	15°38	17°42	20°31	T 20
W21	10 3 44	2°18'00	1♌25	9°39	29°59	19°R39	14°23	10°31	1°43	24°44	3°16	17°12	15°35	17°48	20°31	W21
T 22	10 7 41	3°18'31	16°31	11° 3	1♒13	19°39	14°37	10°28	1°45	24°47	3°15	17° 9	15°32	17°55	20°30	T 22
F 23	10 11 37	4°18'59	1♍46	12°28	2°27	19°37	14°51	10°25	1°47	24°49	3°14	17° 4	15°28	18° 2	20°30	F 23
S 24	10 15 34	5°19'26	16°59	13°54	3°40	19°35	15° 5	10°22	1°49	24°51	3°13	16°57	15°25	18° 8	20°30	S 24
S 25	10 19 30	6°19'51	2♎ 0	15°22	4°54	19°33	15°18	10°18	1°51	24°53	3°11	16°49	15°22	18°15	20°D30	S 25
M26	10 23 27	7°20'15	16°40	16°50	6° 8	19°29	15°32	10°15	1°54	24°55	3°10	16°41	15°19	18°22	20°30	M26
T 27	10 27 23	8°20'37	0♏53	18°20	7°21	19°25	15°46	10°11	1°56	24°58	3° 9	16°34	15°16	18°28	20°30	T 27
W28	10 31 20	9♓20'58	14♏35	19♒50	8♒35	19♎19	16♒ 0	10♎ 8	1♉58	25♓ 0	3♌ 8	16♋29	15♋12	18♒35	20♊30	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	17s10	13s 5	4n30	20s16	1n57	22s 5	1n13	4s15	2n50	18s17	0s29	2s10	2n29	11n24	0s30	3s23	1s 8	22n41	3n28	22n14	22n23	18s32	17n16	5s51	T 1
F 2	16 53	16 44	3 48	20 22	1 47	22 5	1 10	4 18	2 51	18 13	0 29	2 9	2 30	11 24	0 30	3 23	1 8	22 41	3 28	22 14	22 23	18 31	17 16	5 51	F 2
S 3	16 35	19 33	2 56	20 27	1 36	22 4	1 7	4 22	2 52	18 9	0 30	2 8	2 30	11 24	0 30	3 22	1 8	22 42	3 28	22 14	22 24	18 29	17 16	5 50	S 3
S 4	16 18	21 25	1 57	20 31	1 25	22 2	1 4	4 25	2 53	18 5	0 30	2 8	2 30	11 25	0 30	3 21	1 8	22 42	3 28	22 14	22 24	18 28	17 17	5 50	S 4
M 5	16 0	22 17	0 53	20 35	1 14	22 0	1 1	4 28	2 54	18 2	0 30	2 7	2 30	11 25	0 30	3 20	1 8	22 42	3 28	22 13	22 24	18 27	17 17	5 50	M 5
T 6	15 41	22 7	0s12	20 37	1 3	21 57	0 57	4 31	2 55	17 58	0 30	2 6	2 31	11 26	0 30	3 20	1 8	22 43	3 28	22 13	22 25	18 25	17 17	5 49	T 6
W 7	15 23	20 57	1 16	20 38	0 53	21 54	0 54	4 34	2 56	17 54	0 30	2 5	2 31	11 27	0 30	3 19	1 8	22 43	3 28	22 13	22 25	18 24	17 17	5 49	W 7
T 8	15 4	18 53	2 17	20 38	0 42	21 49	0 51	4 36	2 57	17 50	0 30	2 4	2 31	11 27	0 30	3 18	1 8	22 43	3 29	22 14	22 25	18 23	17 17	5 49	T 8
F 9	14 45	16 0	3 11	20 38	0 32	21 45	0 48	4 39	2 58	17 46	0 30	2 3	2 31	11 28	0 30	3 17	1 8	22 44	3 29	22 14	22 26	18 22	17 18	5 48	F 9
S 10	14 26	12 28	3 58	20 36	0 23	21 39	0 45	4 41	2 58	17 43	0 30	2 2	2 32	11 28	0 30	3 17	1 8	22 44	3 29	22 15	22 26	18 20	17 18	5 48	S 10
S 11	14 6	8 26	4 34	20 33	0 13	21 33	0 42	4 42	2 59	17 39	0 30	2 1	2 32	11 29	0 30	3 16	1 8	22 44	3 29	22 16	22 27	18 19	17 18	5 48	S 11
M12	13 46	4 2	4 59	20 28	0 3	21 26	0 38	4 44	3 0	17 35	0 30	1 59	2 32	11 29	0 30	3 15	1 8	22 45	3 29	22 17	22 27	18 18	17 18	5 48	M12
T 13	13 26	0n34	5 10	20 23	0s 6	21 19	0 35	4 45	3 1	17 31	0 30	1 58	2 32	11 30	0 30	3 14	1 8	22 45	3 29	22 18	22 27	18 16	17 19	5 47	T 13
W14	13 6	5 12	5 7	20 16	0 14	21 11	0 32	4 46	3 2	17 27	0 31	1 57	2 33	11 31	0 30	3 13	1 8	22 45	3 29	22 18	22 28	18 15	17 19	5 47	W14
T 15	12 45	9 44	4 50	20 8	0 23	21 3	0 29	4 47	3 3	17 23	0 31	1 56	2 33	11 31	0 30	3 13	1 8	22 46	3 29	22 19	22 28	18 14	17 19	5 47	T 15
F 16	12 25	13 56	4 17	19 59	0 31	20 53	0 26	4 48	3 4	17 19	0 31	1 55	2 33	11 32	0 30	3 12	1 8	22 46	3 29	22 19	22 29	18 12	17 19	5 46	F 16
S 17	12 4	17 34	3 31	19 49	0 39	20 44	0 22	4 48	3 5	17 16	0 31	1 53	2 33	11 33	0 30	3 11	1 8	22 46	3 29	22 19	22 29	18 11	17 20	5 46	S 17
S 18	11 43	20 23	2 31	19 37	0 47	20 33	0 19	4 48	3 6	17 12	0 31	1 52	2 34	11 33	0 30	3 10	1 8	22 47	3 29	22 19	22 29	18 10	17 20	5 46	S 18
M19	11 22	22 3	1 21	19 24	0 55	20 22	0 16	4 48	3 7	17 8	0 31	1 51	2 34	11 34	0 30	3 9	1 8	22 47	3 29	22 19	22 30	18 8	17 20	5 45	M19
T 20	11 0	22 20	0 3	19 10	1 2	20 10	0 13	4 47	3 7	17 4	0 31	1 49	2 34	11 35	0 30	3 8	1 8	22 47	3 29	22 19	22 30	18 7	17 21	5 45	T 20
W21	10 39	21 4	1n16	18 55	1 8	19 58	0 10	4 47	3 8	17 0	0 31	1 48	2 34	11 36	0 30	3 7	1 8	22 48	3 29	22 19	22 30	18 6	17 21	5 44	W21
T 22	10 17	18 17	2 32	18 38	1 15	19 45	0 7	4 46	3 9	16 56	0 31	1 46	2 34	11 36	0 30	3 7	1 8	22 48	3 29	22 19	22 31	18 4	17 21	5 44	T 22
F 23	9 55	14 13	3 37	18 21	1 21	19 32	0 4	4 44	3 10	16 52	0 32	1 45	2 35	11 37	0 30	3 6	1 8	22 48	3 29	22 20	22 31	18 3	17 22	5 44	F 23
S 24	9 33	9 14	4 27	18 2	1 27	19 18	0 1	4 43	3 10	16 48	0 32	1 43	2 35	11 38	0 29	3 5	1 8	22 48	3 29	22 20	22 31	18 2	17 22	5 43	S 24
S 25	9 11	3 45	4 57	17 41	1 33	19 4	0s 2	4 41	3 11	16 44	0 32	1 42	2 35	11 39	0 29	3 4	1 8	22 49	3 29	22 21	22 32	18 0	17 22	5 43	S 25
M26	8 48	1s49	5 7	17 20	1 38	18 49	0 5	4 39	3 12	16 40	0 32	1 40	2 35	11 40	0 29	3 3	1 8	22 49	3 29	22 22	22 32	17 59	17 23	5 43	M26
T 27	8 26	7 6	4 58	16 57	1 43	18 33	0 8	4 37	3 12	16 36	0 32	1 39	2 35	11 40	0 29	3 2	1 8	22 49	3 29	22 23	22 33	17 58	17 23	5 42	T 27
W28	8s 3	11s52	4n31	16s33	1s47	18s17	0s11	4s35	3n13	16s32	0s32	1s37	2n36	11n41	0s29	3s 1	1s 8	22n50	3n29	22n24	22n33	17s56	17n23	5s42	W28

Julian Day Number = 2519876.5, Delta T = 150.90 sec
Ecliptic obliquity = 23°24'51, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°21'17, Lahiri = 26°28'17

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2187
geocentric

MARCH 2187 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 35 16	10♓21'18	27♏48	21♒22	9♒49	19°R13	16♒13	10°R 4	2♉ 1	25♓ 2	3°R 7	16°R26	15♋ 9	18♒42	20♊31	T 1
F 2	10 39 13	11°21'36	10♐35	22°55	11° 2	19♎ 7	16°27	10♎ 0	2° 3	25° 4	3♌ 6	16°D25	15° 6	18°48	20°31	F 2
S 3	10 43 10	12°21'53	23° 0	24°29	12°16	18°59	16°40	9°56	2° 6	25° 6	3° 5	16♋26	15° 3	18°55	20°31	S 3
S 4	10 47 6	13°22'09	5♑ 8	26° 4	13°30	18°51	16°54	9°52	2° 8	25° 9	3° 4	16°27	15° 0	19° 2	20°32	S 4
M 5	10 51 3	14°22'23	17° 3	27°39	14°44	18°42	17° 7	9°48	2°11	25°11	3° 3	16°R27	14°57	19° 8	20°32	M 5
T 6	10 54 59	15°22'35	28°53	29°16	15°57	18°32	17°21	9°44	2°13	25°13	3° 2	16°26	14°53	19°15	20°33	T 6
W 7	10 58 56	16°22'46	10♒39	0♓54	17°11	18°21	17°34	9°40	2°16	25°15	3° 1	16°23	14°50	19°22	20°34	W 7
T 8	11 2 52	17°22'55	22°27	2°33	18°25	18°10	17°48	9°36	2°19	25°18	3° 0	16°18	14°47	19°28	20°34	T 8
F 9	11 6 49	18°23'02	4♓18	4°14	19°39	17°58	18° 1	9°32	2°21	25°20	2°59	16° 9	14°44	19°35	20°35	F 9
S 10	11 10 45	19°23'07	16°16	5°55	20°52	17°45	18°14	9°28	2°24	25°22	2°59	15°58	14°41	19°42	20°36	S 10
S 11	11 14 42	20°23'11	28°21	7°37	22° 6	17°31	18°27	9°23	2°27	25°24	2°58	15°46	14°37	19°48	20°37	S 11
M12	11 18 39	21°23'12	10♈34	9°20	23°20	17°17	18°40	9°19	2°29	25°27	2°57	15°33	14°34	19°55	20°38	M12
T 13	11 22 35	22°23'12	22°57	11° 5	24°34	17° 2	18°53	9°15	2°32	25°29	2°56	15°21	14°31	20° 2	20°40	T 13
W14	11 26 32	23°23'10	5♉30	12°51	25°48	16°46	19° 6	9°10	2°35	25°31	2°55	15°11	14°28	20° 8	20°41	W14
T 15	11 30 28	24°23'05	18°15	14°37	27° 2	16°29	19°19	9° 6	2°38	25°34	2°55	15° 3	14°25	20°15	20°42	T 15
F 16	11 34 25	25°22'59	1♊12	16°25	28°15	16°12	19°32	9° 1	2°41	25°36	2°54	14°58	14°22	20°22	20°44	F 16
S 17	11 38 21	26°22'50	14°25	18°15	29°29	15°55	19°45	8°57	2°44	25°38	2°53	14°56	14°18	20°28	20°45	S 17
S 18	11 42 18	27°22'39	27°55	20° 5	0♓43	15°36	19°58	8°52	2°47	25°40	2°52	14°D55	14°15	20°35	20°47	S 18
M19	11 46 14	28°22'26	11♋45	21°56	1°57	15°17	20°10	8°48	2°50	25°43	2°52	14°R56	14°12	20°42	20°48	M19
T 20	11 50 11	29°22'11	25°54	23°49	3°11	14°58	20°23	8°43	2°53	25°45	2°51	14°55	14° 9	20°48	20°50	T 20
W21	11 54 8	0♈21'53	10♌24	25°43	4°25	14°38	20°36	8°39	2°56	25°47	2°50	14°53	14° 6	20°55	20°52	W21
T 22	11 58 4	1°21'33	25°10	27°38	5°38	14°17	20°48	8°34	2°59	25°49	2°50	14°49	14° 3	21° 2	20°54	T 22
F 23	12 2 1	2°21'10	10♍ 7	29°34	6°52	13°56	21° 1	8°29	3° 2	25°52	2°49	14°41	13°59	21° 8	20°56	F 23
S 24	12 5 57	3°20'46	25° 8	1♈31	8° 6	13°35	21°13	8°25	3° 5	25°54	2°49	14°31	13°56	21°15	20°58	S 24
S 25	12 9 54	4°20'19	10♎ 1	3°29	9°20	13°13	21°25	8°20	3° 8	25°56	2°48	14°20	13°53	21°22	21° 0	S 25
M26	12 13 50	5°19'51	24°39	5°29	10°34	12°51	21°37	8°15	3°11	25°58	2°48	14° 9	13°50	21°28	21° 2	M26
T 27	12 17 47	6°19'21	8♏53	7°29	11°48	12°29	21°50	8°11	3°14	26° 1	2°47	13°58	13°47	21°35	21° 4	T 27
W28	12 21 43	7°18'48	22°41	9°30	13° 1	12° 6	22° 2	8° 6	3°17	26° 3	2°47	13°50	13°43	21°42	21° 6	W28
T 29	12 25 40	8°18'14	5♐59	11°31	14°15	11°44	22°14	8° 1	3°20	26° 5	2°46	13°44	13°40	21°48	21° 9	T 29
F 30	12 29 37	9°17'39	18°51	13°33	15°29	11°20	22°26	7°56	3°24	26° 7	2°46	13°41	13°37	21°55	21°11	F 30
S 31	12 33 33	10♈17'01	1♑20	15♈36	16♓43	10♎57	22♒37	7♎52	3♉27	26♓10	2♌45	13♋40	13♋34	22♒ 2	21♊14	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		⚸	☊	☊	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s41	15s54	3n51	16s 7	1s51	18s 0	0s14	4s32	3n14	16s28	0s32	1s36	2n36	11n42	0s29	3s 1	1s 8	22n50	3n29	22n24	22n33	17s55	17n24	5s42
F 2	7 18	19 2	3 1	15 40	1 55	17 43	0 17	4 29	3 14	16 24	0 32	1 34	2 36	11 43	0 29	3 0	1 8	22 50	3 29	22 24	22 34	17 53	17 24	5 41
S 3	6 55	21 11	2 3	15 13	1 58	17 25	0 20	4 26	3 15	16 20	0 33	1 32	2 36	11 44	0 29	2 59	1 8	22 50	3 29	22 24	22 34	17 52	17 24	5 41
S 4	6 32	22 18	1 1	14 43	2 1	17 7	0 23	4 22	3 15	16 16	0 33	1 31	2 36	11 45	0 29	2 58	1 8	22 51	3 29	22 24	22 34	17 51	17 25	5 41
M 5	6 9	22 23	0s 3	14 13	2 4	16 48	0 26	4 18	3 15	16 12	0 33	1 29	2 36	11 46	0 29	2 57	1 8	22 51	3 29	22 24	22 35	17 49	17 25	5 40
T 6	5 45	21 26	1 6	13 41	2 6	16 29	0 28	4 14	3 16	16 8	0 33	1 27	2 37	11 46	0 29	2 56	1 8	22 51	3 29	22 24	22 35	17 48	17 26	5 40
W 7	5 22	19 34	2 6	13 8	2 8	16 10	0 31	4 10	3 16	16 5	0 33	1 25	2 37	11 47	0 29	2 55	1 8	22 51	3 29	22 25	22 35	17 46	17 26	5 39
T 8	4 59	16 51	3 0	12 34	2 10	15 50	0 34	4 5	3 16	16 1	0 33	1 24	2 37	11 48	0 29	2 54	1 8	22 51	3 29	22 25	22 36	17 45	17 26	5 39
F 9	4 35	13 26	3 47	11 59	2 11	15 29	0 36	4 1	3 17	15 57	0 33	1 22	2 37	11 49	0 29	2 53	1 8	22 52	3 29	22 26	22 36	17 44	17 27	5 39
S 10	4 12	9 27	4 23	11 22	2 11	15 8	0 39	3 56	3 17	15 53	0 33	1 20	2 37	11 50	0 29	2 53	1 8	22 52	3 29	22 28	22 36	17 42	17 27	5 38
S 11	3 48	5 4	4 49	10 44	2 12	14 47	0 41	3 50	3 17	15 49	0 34	1 18	2 37	11 51	0 29	2 52	1 8	22 52	3 29	22 29	22 37	17 41	17 28	5 38
M12	3 25	0 26	5 1	10 5	2 11	14 25	0 44	3 45	3 17	15 45	0 34	1 16	2 38	11 52	0 29	2 51	1 8	22 52	3 29	22 31	22 37	17 39	17 28	5 38
T 13	3 1	4n16	5 0	9 25	2 11	14 3	0 46	3 39	3 17	15 41	0 34	1 15	2 38	11 53	0 29	2 50	1 8	22 52	3 29	22 32	22 37	17 38	17 29	5 37
W14	2 37	8 53	4 44	8 44	2 10	13 40	0 49	3 33	3 17	15 37	0 34	1 13	2 38	11 54	0 29	2 49	1 8	22 53	3 29	22 33	22 38	17 36	17 29	5 37
T 15	2 14	13 11	4 14	8 1	2 8	13 17	0 51	3 27	3 16	15 33	0 34	1 11	2 38	11 55	0 29	2 48	1 8	22 53	3 29	22 34	22 38	17 35	17 30	5 37
F 16	1 50	16 57	3 30	7 17	2 6	12 54	0 53	3 21	3 16	15 29	0 34	1 9	2 38	11 56	0 29	2 47	1 8	22 53	3 29	22 34	22 38	17 33	17 30	5 36
S 17	1 26	19 57	2 34	6 32	2 3	12 30	0 55	3 14	3 16	15 25	0 34	1 7	2 38	11 57	0 29	2 46	1 8	22 53	3 29	22 35	22 39	17 32	17 30	5 36
S 18	1 3	21 55	1 29	5 46	2 0	12 6	0 57	3 8	3 16	15 21	0 35	1 5	2 38	11 58	0 29	2 45	1 8	22 53	3 29	22 35	22 39	17 30	17 31	5 36
M19	0 39	22 37	0 17	4 59	1 57	11 42	1 0	3 1	3 15	15 18	0 35	1 3	2 38	11 59	0 29	2 44	1 8	22 53	3 29	22 35	22 40	17 29	17 31	5 35
T 20	0 15	21 54	0n58	4 11	1 53	11 17	1 2	2 54	3 15	15 14	0 35	1 2	2 38	12 0	0 29	2 44	1 8	22 54	3 29	22 35	22 40	17 28	17 32	5 35
W21	0n 9	19 43	2 11	3 21	1 48	10 52	1 4	2 47	3 14	15 10	0 35	1 0	2 38	12 1	0 29	2 43	1 8	22 54	3 29	22 35	22 40	17 26	17 32	5 35
T 22	0 32	16 11	3 16	2 31	1 43	10 27	1 5	2 39	3 13	15 6	0 35	0 58	2 39	12 2	0 29	2 42	1 8	22 54	3 29	22 36	22 41	17 25	17 33	5 34
F 23	0 56	11 36	4 8	1 40	1 37	10 1	1 7	2 32	3 12	15 2	0 35	0 56	2 39	12 3	0 29	2 41	1 8	22 54	3 29	22 36	22 41	17 23	17 33	5 34
S 24	1 20	6 17	4 44	0 47	1 31	9 36	1 9	2 25	3 12	14 58	0 35	0 54	2 39	12 4	0 29	2 40	1 8	22 54	3 29	22 37	22 41	17 22	17 34	5 34
S 25	1 43	0 38	5 0	0n 6	1 24	9 9	1 11	2 17	3 11	14 55	0 36	0 52	2 39	12 6	0 29	2 39	1 8	22 54	3 29	22 39	22 41	17 20	17 34	5 33
M26	2 7	4s57	4 56	1 0	1 17	8 43	1 13	2 10	3 10	14 51	0 36	0 50	2 39	12 7	0 29	2 38	1 8	22 54	3 29	22 40	22 42	17 19	17 35	5 33
T 27	2 30	10 8	4 33	1 54	1 9	8 16	1 14	2 2	3 9	14 47	0 36	0 48	2 39	12 8	0 29	2 37	1 8	22 54	3 29	22 41	22 42	17 17	17 35	5 33
W28	2 54	14 38	3 55	2 49	1 1	7 50	1 16	1 54	3 7	14 43	0 36	0 46	2 39	12 9	0 29	2 36	1 8	22 55	3 29	22 42	22 42	17 16	17 36	5 32
T 29	3 17	18 15	3 5	3 45	0 52	7 23	1 17	1 46	3 6	14 39	0 36	0 45	2 39	12 10	0 29	2 36	1 8	22 55	3 29	22 42	22 43	17 14	17 36	5 32
F 30	3 41	20 50	2 7	4 41	0 43	6 55	1 19	1 39	3 5	14 36	0 36	0 43	2 39	12 11	0 29	2 35	1 8	22 55	3 29	22 43	22 43	17 12	17 36	5 32
S 31	4n 4	22s20	1n 5	5n37	0s33	6s28	1s20	1s31	3n 3	14s32	0s36	0s41	2n39	12n12	0s29	2s34	1s 8	22n55	3n29	22n43	22n43	17s11	17n37	5s31

Julian Day Number = 2519904.5, Delta T = 150.97 sec
Ecliptic obliquity = 23°24'52, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°21'21, Lahiri = 26°28'21

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2187
geocentric

APRIL 2187 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 37 30	11♈16'22	13♉30	17♈38	17♓57	10°R34	22♒49	7°R47	3♉30	26♓12	2°R45	13°R40	13♋31	22♒ 9	21♊16	S 1
M 2	12 41 26	12°15'41	25°27	19°40	19°11	10♎11	23° 1	7♎42	3°33	26°14	2♏45	13♋39	13°28	22°15	21°19	M 2
T 3	12 45 23	13°14'58	7♒17	21°42	20°25	9°47	23°12	7°38	3°37	26°16	2°44	13°38	13°24	22°22	21°22	T 3
W 4	12 49 19	14°14'13	19° 5	23°43	21°38	9°24	23°24	7°33	3°40	26°19	2°44	13°34	13°21	22°29	21°24	W 4
T 5	12 53 16	15°13'27	0♓55	25°43	22°52	9° 1	23°35	7°28	3°43	26°21	2°44	13°28	13°18	22°35	21°27	T 5
F 6	12 57 12	16°12'39	12°50	27°42	24° 6	8°38	23°47	7°24	3°47	26°23	2°43	13°19	13°15	22°42	21°30	F 6
S 7	13 1 9	17°11'48	24°55	29°39	25°20	8°15	23°58	7°19	3°50	26°25	2°43	13° 7	13°12	22°49	21°33	S 7
S 8	13 5 5	18°10'56	7♈11	1♉34	26°34	7°52	24° 9	7°14	3°53	26°27	2°43	12°54	13° 8	22°55	21°36	S 8
M 9	13 9 2	19°10'02	19°39	3°26	27°48	7°30	24°20	7°10	3°57	26°29	2°43	12°40	13° 5	23° 2	21°39	M 9
T 10	13 12 59	20° 9'05	2♉18	5°15	29° 2	7° 7	24°31	7° 5	4° 0	26°31	2°43	12°27	13° 2	23° 9	21°42	T 10
W11	13 16 55	21° 8'07	15° 9	7° 1	0♈15	6°46	24°42	7° 1	4° 3	26°34	2°43	12°15	12°59	23°15	21°46	W11
T 12	13 20 52	22° 7'07	28°12	8°43	1°29	6°24	24°52	6°56	4° 7	26°36	2°42	12° 6	12°56	23°22	21°49	T 12
F 13	13 24 48	23° 6'04	11♊25	10°21	2°43	6° 3	25° 3	6°52	4°10	26°38	2°42	12° 0	12°53	23°29	21°52	F 13
S 14	13 28 45	24° 5'00	24°50	11°55	3°57	5°43	25°13	6°48	4°13	26°40	2°42	11°57	12°49	23°35	21°56	S 14
S 15	13 32 41	25° 3'53	8♋27	13°25	5°11	5°23	25°24	6°43	4°17	26°42	2°D42	11°D57	12°46	23°42	21°59	S 15
M16	13 36 38	26° 2'43	22°15	14°50	6°25	5° 3	25°34	6°39	4°20	26°44	2°42	11°R57	12°43	23°49	22° 3	M16
T 17	13 40 34	27° 1'32	6♌17	16°10	7°38	4°44	25°44	6°35	4°24	26°46	2°42	11°56	12°40	23°55	22° 6	T 17
W18	13 44 31	28° 0'18	20°32	17°24	8°52	4°26	25°54	6°30	4°27	26°48	2°42	11°55	12°37	24° 2	22°10	W18
T 19	13 48 28	28°59'02	4♍57	18°34	10° 6	4° 8	26° 4	6°26	4°31	26°50	2°43	11°51	12°34	24° 9	22°13	T 19
F 20	13 52 24	29°57'43	19°30	19°37	11°20	3°51	26°14	6°22	4°34	26°52	2°43	11°44	12°30	24°15	22°17	F 20
S 21	13 56 21	0♉56'22	4♎ 5	20°36	12°33	3°35	26°24	6°18	4°37	26°54	2°43	11°35	12°27	24°22	22°21	S 21
S 22	14 0 17	1°55'00	18°36	21°28	13°47	3°19	26°34	6°14	4°41	26°56	2°43	11°25	12°24	24°29	22°25	S 22
M23	14 4 14	2°53'35	2♏55	22°15	15° 1	3° 4	26°43	6°10	4°44	26°58	2°43	11°14	12°21	24°35	22°29	M23
T 24	14 8 10	3°52'08	16°56	22°56	16°15	2°50	26°53	6° 6	4°48	27° 0	2°43	11° 4	12°18	24°42	22°33	T 24
W25	14 12 7	4°50'40	0♐36	23°32	17°29	2°37	27° 2	6° 2	4°51	27° 2	2°44	10°56	12°14	24°49	22°37	W25
T 26	14 16 3	5°49'09	13°52	24° 1	18°42	2°24	27°11	5°59	4°55	27° 4	2°44	10°51	12°11	24°55	22°41	T 26
F 27	14 20 0	6°47'38	26°44	24°24	19°56	2°12	27°20	5°55	4°58	27° 5	2°44	10°48	12° 8	25° 2	22°45	F 27
S 28	14 23 57	7°46'04	9♑14	24°42	21°10	2° 0	27°29	5°51	5° 2	27° 7	2°44	10°D47	12° 5	25° 9	22°49	S 28
S 29	14 27 53	8°44'29	21°27	24°54	22°24	1°50	27°38	5°48	5° 5	27° 9	2°45	10°47	12° 2	25°16	22°53	S 29
M30	14 31 50	9♉42'52	3♒27	25♉ 0	23♈37	1♎40	27♒46	5♎44	5♉ 8	27♓11	2♏45	10♋48	11♋59	25♒22	22♊57	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n27	22s43	0n 1	6n33	0s23	6s 0	1s21	1s23	3n 2	14s28	0s37	0s39	2n39	12n13	0s29	2s33	1s 8	22n55	3n29	22n43	22n44	17s 9	17n37	5s31
M 2	4 50	22 3	1s 2	7 29	0 13	5 32	1 22	1 16	3 0	14 25	0 37	0 37	2 39	12 14	0 29	2 32	1 8	22 55	3 29	22 43	22 44	17 8	17 38	5 31
T 3	5 14	20 23	2 2	8 25	0 2	5 5	1 24	1 8	2 59	14 21	0 37	0 35	2 39	12 15	0 29	2 31	1 8	22 55	3 29	22 43	22 44	17 6	17 38	5 30
W 4	5 36	17 52	2 56	9 20	0n 9	4 36	1 25	1 0	2 57	14 17	0 37	0 33	2 39	12 17	0 29	2 30	1 8	22 55	3 29	22 43	22 45	17 5	17 39	5 30
T 5	5 59	14 36	3 42	10 15	0 21	4 8	1 26	0 53	2 55	14 14	0 37	0 32	2 39	12 18	0 29	2 30	1 8	22 55	3 29	22 44	22 45	17 3	17 39	5 30
F 6	6 22	10 43	4 19	11 9	0 32	3 40	1 27	0 46	2 53	14 10	0 37	0 30	2 39	12 19	0 29	2 29	1 8	22 55	3 29	22 45	22 45	17 2	17 40	5 29
S 7	6 45	6 23	4 45	12 1	0 44	3 11	1 27	0 38	2 51	14 7	0 38	0 28	2 39	12 20	0 29	2 28	1 8	22 55	3 29	22 46	22 46	17 0	17 40	5 29
S 8	7 7	1 43	4 58	12 52	0 55	2 43	1 28	0 31	2 49	14 3	0 38	0 26	2 39	12 21	0 29	2 27	1 8	22 55	3 29	22 47	22 46	16 59	17 41	5 29
M 9	7 30	3n 5	4 58	13 41	1 7	2 14	1 29	0 24	2 47	14 0	0 38	0 24	2 39	12 22	0 29	2 26	1 8	22 55	3 29	22 49	22 46	16 57	17 41	5 28
T 10	7 52	7 50	4 42	14 29	1 18	1 45	1 30	0 18	2 45	13 56	0 38	0 23	2 39	12 23	0 29	2 25	1 8	22 55	3 29	22 50	22 47	16 55	17 42	5 28
W11	8 14	12 20	4 13	15 14	1 29	1 17	1 30	0 11	2 43	13 53	0 38	0 21	2 39	12 25	0 29	2 25	1 8	22 55	3 29	22 51	22 47	16 54	17 42	5 28
T 12	8 36	16 20	3 29	15 58	1 40	0 48	1 31	0 5	2 41	13 49	0 39	0 19	2 39	12 26	0 29	2 24	1 8	22 55	3 29	22 52	22 47	16 52	17 43	5 28
F 13	8 58	19 35	2 34	16 39	1 50	0 19	1 31	0n 1	2 39	13 46	0 39	0 18	2 39	12 27	0 29	2 23	1 8	22 55	3 29	22 52	22 48	16 51	17 43	5 27
S 14	9 20	21 50	1 29	17 18	2 0	0n10	1 31	0 7	2 36	13 43	0 39	0 16	2 39	12 28	0 29	2 22	1 8	22 55	3 29	22 53	22 48	16 49	17 44	5 27
S 15	9 41	22 50	0 19	17 54	2 9	0 39	1 32	0 13	2 34	13 39	0 39	0 14	2 39	12 29	0 29	2 21	1 8	22 55	3 29	22 53	22 48	16 47	17 44	5 27
M16	10 3	22 28	0n54	18 27	2 17	1 8	1 32	0 19	2 31	13 36	0 39	0 13	2 39	12 30	0 29	2 21	1 8	22 55	3 29	22 53	22 48	16 46	17 45	5 27
T 17	10 24	20 42	2 5	18 58	2 25	1 37	1 32	0 24	2 29	13 33	0 39	0 11	2 38	12 31	0 29	2 20	1 8	22 55	3 29	22 53	22 49	16 44	17 45	5 26
W18	10 45	17 37	3 9	19 26	2 32	2 6	1 32	0 29	2 26	13 30	0 40	0 9	2 38	12 33	0 28	2 19	1 8	22 55	3 29	22 53	22 49	16 43	17 46	5 26
T 19	11 6	13 26	4 2	19 51	2 38	2 35	1 32	0 34	2 24	13 26	0 40	0 8	2 38	12 34	0 28	2 18	1 8	22 55	3 29	22 53	22 49	16 41	17 46	5 26
F 20	11 27	8 27	4 40	20 14	2 43	3 4	1 32	0 38	2 21	13 23	0 40	0 6	2 38	12 35	0 28	2 17	1 8	22 55	3 29	22 54	22 50	16 39	17 46	5 26
S 21	11 47	2 58	4 59	20 34	2 47	3 32	1 32	0 42	2 19	13 20	0 40	0 5	2 38	12 36	0 28	2 17	1 8	22 55	3 29	22 55	22 50	16 38	17 47	5 25
S 22	12 8	2s39	5 0	20 51	2 50	4 1	1 32	0 46	2 16	13 17	0 40	0 3	2 38	12 37	0 28	2 16	1 8	22 55	3 29	22 55	22 50	16 36	17 47	5 25
M23	12 28	8 4	4 41	21 5	2 52	4 30	1 32	0 49	2 14	13 14	0 41	0 2	2 38	12 38	0 28	2 15	1 9	22 55	3 29	22 56	22 51	16 35	17 48	5 25
T 24	12 48	12 57	4 6	21 16	2 53	4 59	1 31	0 53	2 11	13 11	0 41	0 0	2 38	12 40	0 28	2 14	1 9	22 55	3 29	22 57	22 51	16 33	17 48	5 25
W25	13 7	17 3	3 17	21 25	2 52	5 27	1 31	0 56	2 8	13 8	0 41	0n 1	2 38	12 41	0 28	2 14	1 9	22 55	3 29	22 58	22 51	16 31	17 49	5 24
T 26	13 27	20 9	2 18	21 31	2 51	5 55	1 31	0 58	2 6	13 5	0 41	0 2	2 38	12 42	0 28	2 13	1 9	22 55	3 28	22 58	22 51	16 30	17 49	5 24
F 27	13 46	22 8	1 14	21 34	2 48	6 24	1 30	1 1	2 3	13 2	0 41	0 4	2 37	12 43	0 28	2 12	1 9	22 55	3 28	22 59	22 52	16 28	17 50	5 24
S 28	14 5	22 57	0 8	21 35	2 44	6 52	1 30	1 3	2 1	12 59	0 42	0 5	2 37	12 44	0 28	2 12	1 9	22 54	3 28	22 59	22 52	16 26	17 50	5 24
S 29	14 24	22 38	0s57	21 32	2 39	7 20	1 29	1 5	1 58	12 56	0 42	0 6	2 37	12 45	0 28	2 11	1 9	22 54	3 28	22 59	22 52	16 25	17 50	5 23
M30	14n43	21s17	1s58	21n27	2n32	7n48	1s28	1n 6	1n55	12s54	0s42	0n 8	2n37	12n47	0s28	2s10	1s 9	22n54	3n28	22n59	22n53	16s23	17n51	5s23

Julian Day Number = 2519935.5, Delta T = 151.04 sec
Ecliptic obliquity = 23°24'52, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°21'25, Lahiri = 26°28'25

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2187
geocentric

MAY 2187 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 35 46	10♉41'14	15♒19	25°R 0	24♈51	1°R31	27♒55	5°R41	5♉12	27♓13	2♌46	10°R48	11♋55	25♒29	23♊ 2	T 1
W 2	14 39 43	11°39'34	27° 9	24♉55	26° 5	1♎23	28° 3	5♎37	5°15	27°15	2°46	10♋46	11°52	25°36	23° 6	W 2
T 3	14 43 39	12°37'52	9♓ 1	24°45	27°19	1°16	28°12	5°34	5°19	27°16	2°46	10°43	11°49	25°42	23°10	T 3
F 4	14 47 36	13°36'09	21° 1	24°30	28°32	1° 9	28°20	5°31	5°22	27°18	2°47	10°37	11°46	25°49	23°15	F 4
S 5	14 51 32	14°34'25	3♈12	24°10	29°46	1° 3	28°28	5°28	5°26	27°20	2°47	10°29	11°43	25°56	23°19	S 5
S 6	14 55 29	15°32'38	15°37	23°47	1♉ 0	0°58	28°36	5°25	5°29	27°21	2°48	10°20	11°40	26° 2	23°24	S 6
M 7	14 59 26	16°30'51	28°17	23°19	2°14	0°54	28°43	5°22	5°32	27°23	2°48	10°10	11°36	26° 9	23°28	M 7
T 8	15 3 22	17°29'01	11♉13	22°49	3°27	0°51	28°51	5°19	5°36	27°25	2°49	10° 1	11°33	26°16	23°33	T 8
W 9	15 7 19	18°27'10	24°24	22°16	4°41	0°48	28°58	5°16	5°39	27°26	2°50	9°53	11°30	26°22	23°37	W 9
T 10	15 11 15	19°25'18	7♊49	21°41	5°55	0°46	29° 6	5°13	5°43	27°28	2°50	9°47	11°27	26°29	23°42	T 10
F 11	15 15 12	20°23'23	21°26	21° 5	7° 8	0°45	29°13	5°11	5°46	27°29	2°51	9°43	11°24	26°36	23°46	F 11
S 12	15 19 8	21°21'27	5♋12	20°28	8°22	0°D45	29°20	5° 8	5°49	27°31	2°51	9°D42	11°20	26°42	23°51	S 12
S 13	15 23 5	22°19'29	19° 7	19°51	9°36	0°45	29°27	5° 6	5°53	27°32	2°52	9°42	11°17	26°49	23°56	S 13
M14	15 27 1	23°17'29	3♌ 8	19°15	10°49	0°46	29°33	5° 3	5°56	27°34	2°53	9°43	11°14	26°56	24° 1	M14
T 15	15 30 58	24°15'28	17°14	18°40	12° 3	0°48	29°40	5° 1	5°59	27°35	2°54	9°44	11°11	27° 2	24° 6	T 15
W16	15 34 55	25°13'24	1♍25	18° 7	13°17	0°51	29°46	4°59	6° 3	27°37	2°54	9°R44	11° 8	27° 9	24°10	W16
T 17	15 38 51	26°11'18	15°37	17°37	14°31	0°54	29°52	4°57	6° 6	27°38	2°55	9°43	11° 5	27°16	24°15	T 17
F 18	15 42 48	27° 9'11	29°50	17° 9	15°44	0°59	29°58	4°55	6° 9	27°40	2°56	9°39	11° 1	27°23	24°20	F 18
S 19	15 46 44	28° 7'02	13♎59	16°44	16°58	1° 4	0♓ 4	4°53	6°12	27°41	2°57	9°34	10°58	27°29	24°25	S 19
S 20	15 50 41	29° 4'51	28° 2	16°23	18°12	1° 9	0°10	4°51	6°16	27°42	2°58	9°28	10°55	27°36	24°30	S 20
M21	15 54 37	0♊ 2'39	11♏54	16° 6	19°25	1°15	0°16	4°49	6°19	27°43	2°58	9°22	10°52	27°43	24°35	M21
T 22	15 58 34	1° 0'25	25°32	15°54	20°39	1°22	0°21	4°48	6°22	27°45	2°59	9°16	10°49	27°49	24°40	T 22
W23	16 2 30	1°58'10	8♐53	15°45	21°52	1°30	0°26	4°46	6°25	27°46	3° 0	9°11	10°46	27°56	24°45	W23
T 24	16 6 27	2°55'53	21°56	15°D41	23° 6	1°38	0°31	4°45	6°29	27°47	3° 1	9° 8	10°42	28° 3	24°50	T 24
F 25	16 10 24	3°53'35	4♑39	15°42	24°20	1°47	0°36	4°44	6°32	27°48	3° 2	9°D 7	10°39	28° 9	24°55	F 25
S 26	16 14 20	4°51'16	17° 6	15°47	25°33	1°56	0°41	4°42	6°35	27°50	3° 3	9° 7	10°36	28°16	25° 0	S 26
S 27	16 18 17	5°48'56	29°18	15°56	26°47	2° 6	0°46	4°41	6°38	27°51	3° 4	9° 8	10°33	28°23	25° 5	S 27
M28	16 22 13	6°46'35	11♒18	16°10	28° 1	2°17	0°50	4°40	6°41	27°52	3° 5	9°10	10°30	28°29	25°11	M28
T 29	16 26 10	7°44'13	23°12	16°29	29°14	2°28	0°54	4°39	6°44	27°53	3° 6	9°12	10°26	28°36	25°16	T 29
W30	16 30 6	8°41'50	5♓ 3	16°51	0♊28	2°40	0°58	4°39	6°47	27°54	3° 7	9°R12	10°23	28°43	25°21	W30
T 31	16 34 3	9♊39'26	16♓57	17♉19	1♊42	2♎53	1♓ 2	4♎38	6♉50	27♓55	3♌ 8	9♋12	10♋20	28♒49	25♊26	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15n 1	19s 0	2s54	21n20	2n24	8n15	1s27	1n 7	1n53	12s51	0s42	0n 9	2n37	12n48	0s28	2s10	1s 9	22n54	3n28	22n59	22n53	16s21	17n51	5s23
W 2	15 19	15 55	3 42	21 10	2 15	8 43	1 27	1 8	1 50	12 48	0 42	0 10	2 37	12 49	0 28	2 9	1 9	22 54	3 28	22 59	22 53	16 20	17 52	5 23
T 3	15 37	12 12	4 20	20 57	2 5	9 10	1 26	1 8	1 47	12 45	0 43	0 11	2 37	12 50	0 28	2 8	1 9	22 54	3 28	22 59	22 53	16 18	17 52	5 23
F 4	15 54	7 58	4 48	20 42	1 53	9 37	1 25	1 9	1 45	12 43	0 43	0 12	2 37	12 51	0 28	2 8	1 9	22 54	3 28	22 59	22 54	16 16	17 52	5 23
S 5	16 12	3 22	5 3	20 25	1 40	10 4	1 24	1 9	1 42	12 40	0 43	0 13	2 36	12 52	0 28	2 7	1 9	22 54	3 28	23 0	22 54	16 15	17 53	5 22
S 6	16 29	1n28	5 4	20 6	1 27	10 31	1 23	1 8	1 40	12 38	0 43	0 15	2 36	12 53	0 28	2 6	1 9	22 53	3 28	23 1	22 54	16 13	17 53	5 22
M 7	16 45	6 19	4 50	19 45	1 12	10 57	1 22	1 8	1 37	12 35	0 44	0 16	2 36	12 55	0 28	2 6	1 9	22 53	3 28	23 1	22 54	16 11	17 54	5 22
T 8	17 2	11 1	4 22	19 22	0 56	11 24	1 20	1 7	1 34	12 33	0 44	0 17	2 36	12 56	0 28	2 5	1 9	22 53	3 28	23 2	22 55	16 9	17 54	5 22
W 9	17 18	15 19	3 39	18 58	0 40	11 49	1 19	1 5	1 32	12 30	0 44	0 18	2 36	12 57	0 28	2 4	1 9	22 53	3 28	23 3	22 55	16 8	17 54	5 22
T 10	17 34	18 55	2 43	18 33	0 23	12 15	1 18	1 4	1 29	12 28	0 44	0 18	2 36	12 58	0 28	2 4	1 9	22 53	3 28	23 3	22 55	16 6	17 55	5 22
F 11	17 50	21 32	1 37	18 6	0 6	12 41	1 17	1 2	1 27	12 26	0 44	0 19	2 35	12 59	0 28	2 3	1 9	22 53	3 28	23 4	22 56	16 4	17 55	5 21
S 12	18 5	22 55	0 24	17 40	0s11	13 6	1 15	1 0	1 24	12 24	0 45	0 20	2 35	13 0	0 28	2 3	1 9	22 52	3 28	23 4	22 56	16 3	17 55	5 21
S 13	18 20	22 53	0n51	17 13	0 29	13 30	1 14	0 57	1 22	12 21	0 45	0 21	2 35	13 1	0 28	2 2	1 9	22 52	3 28	23 4	22 56	16 1	17 56	5 21
M14	18 35	21 26	2 3	16 47	0 46	13 55	1 12	0 55	1 19	12 19	0 45	0 22	2 35	13 2	0 28	2 2	1 9	22 52	3 28	23 4	22 56	15 59	17 56	5 21
T 15	18 49	18 39	3 9	16 21	1 4	14 19	1 11	0 52	1 17	12 17	0 45	0 22	2 35	13 3	0 28	2 1	1 9	22 52	3 28	23 3	22 57	15 57	17 56	5 21
W16	19 3	14 45	4 3	15 55	1 20	14 43	1 9	0 48	1 15	12 15	0 46	0 23	2 34	13 5	0 28	2 1	1 9	22 52	3 28	23 3	22 57	15 56	17 57	5 21
T 17	19 17	10 0	4 43	15 31	1 36	15 6	1 7	0 45	1 12	12 13	0 46	0 24	2 34	13 6	0 28	2 0	1 9	22 52	3 28	23 4	22 57	15 54	17 57	5 21
F 18	19 30	4 44	5 5	15 9	1 52	15 29	1 6	0 41	1 10	12 11	0 46	0 24	2 34	13 7	0 28	2 0	1 9	22 51	3 28	23 4	22 57	15 52	17 57	5 21
S 19	19 43	0s46	5 8	14 48	2 7	15 52	1 4	0 37	1 8	12 9	0 46	0 25	2 34	13 8	0 28	1 59	1 9	22 51	3 28	23 4	22 58	15 50	17 58	5 20
S 20	19 56	6 12	4 53	14 29	2 20	16 14	1 2	0 33	1 5	12 8	0 47	0 25	2 34	13 9	0 28	1 59	1 9	22 51	3 28	23 5	22 58	15 49	17 58	5 20
M21	20 8	11 15	4 21	14 12	2 33	16 36	1 0	0 28	1 3	12 6	0 47	0 26	2 33	13 10	0 28	1 58	1 10	22 51	3 28	23 5	22 58	15 47	17 58	5 20
T 22	20 20	15 39	3 35	13 57	2 45	16 57	0 59	0 23	1 1	12 4	0 47	0 26	2 33	13 11	0 28	1 58	1 10	22 51	3 28	23 5	22 58	15 45	17 59	5 20
W23	20 32	19 10	2 37	13 44	2 56	17 18	0 57	0 18	0 59	12 3	0 47	0 27	2 33	13 12	0 28	1 57	1 10	22 50	3 28	23 6	22 59	15 43	17 59	5 20
T 24	20 43	21 38	1 32	13 33	3 6	17 39	0 55	0 13	0 56	12 1	0 48	0 27	2 33	13 13	0 28	1 57	1 10	22 50	3 28	23 6	22 59	15 42	17 59	5 20
F 25	20 54	22 56	0 24	13 25	3 14	17 59	0 53	0 7	0 54	12 0	0 48	0 28	2 33	13 14	0 28	1 56	1 10	22 50	3 28	23 6	22 59	15 40	17 59	5 20
S 26	21 5	23 2	0s43	13 19	3 22	18 18	0 51	0 2	0 52	11 58	0 48	0 28	2 32	13 15	0 28	1 56	1 10	22 50	3 28	23 6	22 59	15 38	18 0	5 20
S 27	21 15	22 2	1 48	13 16	3 28	18 38	0 49	0s 4	0 50	11 57	0 48	0 28	2 32	13 16	0 28	1 55	1 10	22 49	3 28	23 6	23 0	15 36	18 0	5 20
M28	21 25	20 3	2 47	13 14	3 34	18 56	0 47	0 10	0 48	11 55	0 49	0 28	2 32	13 17	0 28	1 55	1 10	22 49	3 28	23 6	23 0	15 34	18 0	5 20
T 29	21 35	17 12	3 38	13 15	3 38	19 14	0 45	0 17	0 46	11 54	0 49	0 28	2 32	13 18	0 28	1 55	1 10	22 49	3 28	23 6	23 0	15 33	18 0	5 20
W30	21 44	13 40	4 20	13 19	3 42	19 32	0 42	0 23	0 44	11 53	0 49	0 29	2 32	13 19	0 28	1 54	1 10	22 49	3 28	23 6	23 0	15 31	18 1	5 20
T 31	21n53	9s36	4s50	13n24	3s44	19n49	0s40	0s30	0n42	11s52	0s49	0n29	2n31	13n20	0s28	1s54	1s10	22n48	3n28	23n 6	23n 1	15s29	18n 1	5s20

Julian Day Number = 2519965.5, Delta T = 151.12 sec
Ecliptic obliquity = 23°24'52, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°21'29, Lahiri = 26°28'30

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2187
geocentric

JUNE 2187 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 37 59	10♊37'01	28♓58	17♉50	2♊55	3♎ 6	1♓ 6	4°R37	6♉53	27♓56	3♌ 9	9°R11	10♋17	28♒56	25♊31	F 1
S 2	16 41 56	11°34'35	11♈12	18°25	4° 9	3°19	1° 9	4♎37	6°56	27°57	3°11	9♋ 8	10°14	29° 3	25°37	S 2
S 3	16 45 53	12°32'08	23°41	19° 5	5°23	3°33	1°13	4°36	6°59	27°58	3°12	9° 5	10°11	29°10	25°42	S 3
M 4	16 49 49	13°29'40	6♉28	19°48	6°36	3°48	1°16	4°36	7° 2	27°59	3°13	9° 1	10° 7	29°16	25°47	M 4
T 5	16 53 46	14°27'12	19°36	20°35	7°50	4° 3	1°19	4°36	7° 5	27°59	3°14	8°57	10° 4	29°23	25°52	T 5
W 6	16 57 42	15°24'43	3♊ 3	21°26	9° 4	4°19	1°22	4°36	7° 8	28° 0	3°15	8°54	10° 1	29°30	25°58	W 6
T 7	17 1 39	16°22'12	16°49	22°20	10°17	4°35	1°24	4°D36	7°11	28° 1	3°16	8°51	9°58	29°36	26° 3	T 7
F 8	17 5 35	17°19'41	0♋50	23°18	11°31	4°52	1°27	4°36	7°14	28° 2	3°18	8°50	9°55	29°43	26° 8	F 8
S 9	17 9 32	18°17'09	15° 3	24°19	12°45	5° 9	1°29	4°36	7°16	28° 3	3°19	8°D50	9°52	29°50	26°14	S 9
S 10	17 13 28	19°14'36	29°23	25°23	13°58	5°26	1°31	4°36	7°19	28° 3	3°20	8°51	9°48	29°56	26°19	S 10
M11	17 17 25	20°12'02	13♌46	26°31	15°12	5°44	1°33	4°37	7°22	28° 4	3°21	8°52	9°45	0♓ 3	26°24	M11
T 12	17 21 22	21° 9'26	28° 8	27°42	16°26	6° 3	1°35	4°37	7°25	28° 5	3°23	8°53	9°42	0°10	26°30	T 12
W13	17 25 18	22° 6'49	12♍26	28°56	17°39	6°22	1°36	4°38	7°27	28° 5	3°24	8°54	9°39	0°16	26°35	W13
T 14	17 29 15	23° 4'12	26°37	0♊13	18°53	6°42	1°37	4°38	7°30	28° 6	3°25	8°R54	9°36	0°23	26°40	T 14
F 15	17 33 11	24° 1'33	10♎38	1°34	20° 7	7° 2	1°38	4°39	7°33	28° 6	3°27	8°54	9°32	0°30	26°46	F 15
S 16	17 37 8	24°58'53	24°29	2°57	21°20	7°22	1°39	4°40	7°35	28° 7	3°28	8°53	9°29	0°37	26°51	S 16
S 17	17 41 4	25°56'12	8♏ 8	4°23	22°34	7°43	1°40	4°41	7°38	28° 7	3°29	8°51	9°26	0°43	26°57	S 17
M18	17 45 1	26°53'30	21°34	5°53	23°48	8° 4	1°41	4°42	7°40	28° 8	3°31	8°50	9°23	0°50	27° 2	M18
T 19	17 48 57	27°50'48	4♐47	7°25	25° 1	8°25	1°41	4°43	7°43	28° 8	3°32	8°48	9°20	0°57	27° 7	T 19
W20	17 52 54	28°48'05	17°45	9° 0	26°15	8°47	1°R41	4°45	7°45	28° 8	3°34	8°47	9°17	1° 3	27°13	W20
T 21	17 56 51	29°45'21	0♑28	10°38	27°29	9° 9	1°41	4°46	7°48	28° 9	3°35	8°47	9°13	1°10	27°18	T 21
F 22	18 0 47	0♋42'37	12°58	12°19	28°42	9°32	1°41	4°48	7°50	28° 9	3°36	8°D47	9°10	1°17	27°24	F 22
S 23	18 4 44	1°39'52	25°16	14° 3	29°56	9°55	1°40	4°49	7°52	28° 9	3°38	8°47	9° 7	1°23	27°29	S 23
S 24	18 8 40	2°37'07	7♒22	15°50	1♋10	10°19	1°40	4°51	7°55	28°10	3°39	8°47	9° 4	1°30	27°34	S 24
M25	18 12 37	3°34'22	19°20	17°39	2°23	10°42	1°39	4°53	7°57	28°10	3°41	8°48	9° 1	1°37	27°40	M25
T 26	18 16 33	4°31'36	1♓13	19°31	3°37	11° 6	1°38	4°55	7°59	28°10	3°42	8°48	8°58	1°43	27°45	T 26
W27	18 20 30	5°28'50	13° 4	21°26	4°51	11°31	1°37	4°57	8° 1	28°10	3°44	8°49	8°54	1°50	27°50	W27
T 28	18 24 27	6°26'04	24°58	23°23	6° 4	11°56	1°35	4°59	8° 4	28°10	3°45	8°49	8°51	1°57	27°56	T 28
F 29	18 28 23	7°23'18	6♈59	25°23	7°18	12°21	1°34	5° 1	8° 6	28°10	3°47	8°R49	8°48	2° 4	28° 1	F 29
S 30	18 32 20	8♋20'32	19♈12	27♊24	8♋32	12♎46	1♓32	5♎ 3	8♉ 8	28♓10	3♌48	8°D49	8♋45	2♓10	28♊ 6	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n 1	5s 7	5s 8	13n31	3s46	20n 6	0s38	0s37	0n40	11s51	0s50	0n29	2n31	13n21	0s28	1s54	1s10	22n48	3n28	23n 6	23n 1	15s27	18n 1	5s20
S 2	22 9	0 23	5 13	13 40	3 46	20 22	0 36	0 44	0 38	11 50	0 50	0 29	2 31	13 22	0 28	1 53	1 10	22 48	3 28	23 6	23 1	15 25	18 1	5 20
S 3	22 17	4n29	5 3	13 51	3 46	20 38	0 34	0 52	0 36	11 49	0 50	0 29	2 31	13 23	0 28	1 53	1 10	22 48	3 28	23 6	23 1	15 24	18 1	5 20
M 4	22 24	9 17	4 38	14 4	3 45	20 52	0 31	0 59	0 34	11 48	0 50	0 29	2 30	13 24	0 28	1 53	1 10	22 47	3 28	23 6	23 2	15 22	18 1	5 20
T 5	22 31	13 47	3 58	14 18	3 43	21 7	0 29	1 7	0 32	11 47	0 51	0 28	2 30	13 25	0 28	1 52	1 10	22 47	3 28	23 7	23 2	15 20	18 2	5 19
W 6	22 37	17 44	3 4	14 34	3 40	21 21	0 27	1 15	0 30	11 46	0 51	0 28	2 30	13 26	0 28	1 52	1 10	22 47	3 28	23 7	23 2	15 18	18 2	5 19
T 7	22 43	20 48	1 58	14 51	3 36	21 34	0 24	1 23	0 29	11 46	0 51	0 28	2 30	13 27	0 28	1 52	1 10	22 46	3 28	23 7	23 2	15 16	18 2	5 19
F 8	22 49	22 41	0 44	15 9	3 32	21 46	0 22	1 31	0 27	11 45	0 51	0 28	2 29	13 28	0 28	1 52	1 10	22 46	3 28	23 7	23 3	15 14	18 2	5 20
S 9	22 54	23 8	0n34	15 29	3 27	21 58	0 20	1 39	0 25	11 44	0 52	0 28	2 29	13 29	0 28	1 51	1 10	22 46	3 28	23 7	23 3	15 13	18 2	5 20
S 10	22 59	22 4	1 51	15 50	3 21	22 10	0 17	1 48	0 23	11 44	0 52	0 27	2 29	13 29	0 28	1 51	1 10	22 46	3 28	23 7	23 3	15 11	18 2	5 20
M11	23 3	19 34	3 1	16 11	3 15	22 21	0 15	1 57	0 22	11 44	0 52	0 27	2 29	13 30	0 28	1 51	1 10	22 45	3 28	23 7	23 3	15 9	18 2	5 20
T 12	23 7	15 51	4 0	16 34	3 8	22 31	0 13	2 6	0 20	11 43	0 52	0 26	2 29	13 31	0 29	1 51	1 11	22 45	3 28	23 7	23 4	15 7	18 3	5 20
W13	23 11	11 15	4 43	16 57	3 1	22 40	0 10	2 15	0 18	11 43	0 53	0 26	2 28	13 32	0 29	1 50	1 11	22 45	3 28	23 7	23 4	15 5	18 3	5 20
T 14	23 14	6 4	5 9	17 21	2 53	22 49	0 8	2 24	0 17	11 43	0 53	0 25	2 28	13 33	0 29	1 50	1 11	22 44	3 28	23 7	23 4	15 3	18 3	5 20
F 15	23 17	0 38	5 16	17 46	2 45	22 57	0 6	2 33	0 15	11 43	0 53	0 25	2 28	13 34	0 29	1 50	1 11	22 44	3 28	23 7	23 4	15 2	18 3	5 20
S 16	23 19	4s46	5 4	18 11	2 36	23 5	0 3	2 43	0 13	11 43	0 54	0 24	2 28	13 35	0 29	1 50	1 11	22 44	3 28	23 7	23 5	15 0	18 3	5 20
S 17	23 21	9 51	4 36	18 36	2 26	23 12	0 1	2 53	0 12	11 43	0 54	0 24	2 27	13 35	0 29	1 50	1 11	22 43	3 28	23 7	23 5	14 58	18 3	5 20
M18	23 23	14 24	3 52	19 2	2 16	23 18	0n 2	3 2	0 10	11 43	0 54	0 23	2 27	13 36	0 29	1 50	1 11	22 43	3 28	23 7	23 5	14 56	18 3	5 20
T 19	23 24	18 10	2 57	19 27	2 6	23 23	0 4	3 12	0 9	11 43	0 54	0 22	2 27	13 37	0 29	1 49	1 11	22 43	3 28	23 7	23 5	14 54	18 3	5 20
W20	23 25	20 58	1 54	19 52	1 56	23 28	0 6	3 22	0 7	11 43	0 55	0 22	2 27	13 38	0 29	1 49	1 11	22 42	3 28	23 7	23 5	14 52	18 3	5 20
T 21	23 25	22 39	0 46	20 17	1 45	23 32	0 9	3 32	0 6	11 43	0 55	0 21	2 26	13 39	0 29	1 49	1 11	22 42	3 28	23 7	23 6	14 50	18 3	5 20
F 22	23 25	23 10	0s23	20 42	1 34	23 36	0 11	3 43	0 4	11 44	0 55	0 20	2 26	13 39	0 29	1 49	1 11	22 42	3 28	23 7	23 6	14 48	18 3	5 20
S 23	23 24	22 32	1 30	21 6	1 23	23 38	0 13	3 53	0 3	11 44	0 55	0 19	2 26	13 40	0 29	1 49	1 11	22 41	3 28	23 7	23 6	14 46	18 3	5 20
S 24	23 23	20 52	2 32	21 29	1 11	23 40	0 16	4 4	0 1	11 44	0 56	0 18	2 26	13 41	0 29	1 49	1 11	22 41	3 28	23 7	23 6	14 44	18 3	5 20
M25	23 22	18 16	3 26	21 51	0 59	23 42	0 18	4 14	0s 0	11 45	0 56	0 17	2 26	13 42	0 29	1 49	1 11	22 41	3 28	23 7	23 7	14 43	18 3	5 21
T 26	23 20	14 57	4 12	22 12	0 48	23 42	0 20	4 25	0 2	11 46	0 56	0 16	2 25	13 42	0 29	1 49	1 11	22 40	3 28	23 7	23 7	14 41	18 3	5 21
W27	23 18	11 2	4 46	22 32	0 36	23 42	0 23	4 36	0 3	11 46	0 57	0 15	2 25	13 43	0 29	1 49	1 11	22 40	3 28	23 7	23 7	14 39	18 3	5 21
T 28	23 15	6 42	5 8	22 51	0 24	23 41	0 25	4 47	0 4	11 47	0 57	0 14	2 25	13 44	0 29	1 49	1 11	22 40	3 28	23 7	23 7	14 37	18 3	5 21
F 29	23 13	2 5	5 17	23 7	0 13	23 40	0 27	4 58	0 6	11 48	0 57	0 13	2 25	13 44	0 29	1 49	1 11	22 39	3 28	23 7	23 7	14 35	18 3	5 21
S 30	23n 9	2n42	5s12	23n22	0s 2	23n38	0n30	5s 9	0s 7	11s49	0s57	0n12	2n24	13n45	0s29	1s49	1s11	22n39	3n28	23n 7	23n 8	14s33	18n 3	5s21

Julian Day Number = 2519996.5, Delta T = 151.19 sec
Ecliptic obliquity = 23°24'52, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°21'33, Lahiri = 26°28'34

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2187
geocentric

JULY 2187 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 36 16	9♋17'45	1♉41	29♊28	9♋46	13♎12	1°R30	5♎ 5	8♉10	28°R10	3♌50	8♋49	8♋42	2♓17	28♊12	S 1
M 2	18 40 13	10°14'59	14°29	1♋34	10°59	13°38	1♓28	5° 8	8°12	28♓10	3°51	8°49	8°38	2°24	28°17	M 2
T 3	18 44 9	11°12'13	27°40	3°41	12°13	14° 4	1°25	5°11	8°14	28°10	3°53	8°49	8°35	2°30	28°22	T 3
W 4	18 48 6	12° 9'27	11♊14	5°49	13°27	14°31	1°23	5°13	8°16	28°10	3°55	8°50	8°32	2°37	28°28	W 4
T 5	18 52 2	13° 6'42	25°13	7°58	14°41	14°58	1°20	5°16	8°18	28°10	3°56	8°50	8°29	2°44	28°33	T 5
F 6	18 55 59	14° 3'56	9♋32	10° 8	15°54	15°25	1°17	5°19	8°20	28°10	3°58	8°R50	8°26	2°50	28°38	F 6
S 7	18 59 56	15° 1'10	24° 8	12°19	17° 8	15°53	1°14	5°22	8°21	28°10	3°59	8°50	8°23	2°57	28°44	S 7
S 8	19 3 52	15°58'24	8♌54	14°29	18°22	16°20	1°11	5°25	8°23	28°10	4° 1	8°49	8°19	3° 4	28°49	S 8
M 9	19 7 49	16°55'38	23°42	16°40	19°36	16°48	1° 7	5°28	8°25	28° 9	4° 3	8°49	8°16	3°11	28°54	M 9
T 10	19 11 45	17°52'51	8♍27	18°50	20°50	17°17	1° 4	5°31	8°27	28° 9	4° 4	8°48	8°13	3°17	28°59	T 10
W11	19 15 42	18°50'05	23° 1	20°59	22° 3	17°45	1° 0	5°34	8°28	28° 9	4° 6	8°47	8°10	3°24	29° 5	W11
T 12	19 19 38	19°47'18	7♎20	23° 7	23°17	18°14	0°56	5°38	8°30	28° 9	4° 7	8°46	8° 7	3°31	29°10	T 12
F 13	19 23 35	20°44'31	21°22	25°15	24°31	18°43	0°52	5°41	8°31	28° 8	4° 9	8°D46	8° 4	3°37	29°15	F 13
S 14	19 27 31	21°41'44	5♏ 4	27°21	25°45	19°13	0°47	5°45	8°33	28° 8	4°11	8°46	8° 0	3°44	29°20	S 14
S 15	19 31 28	22°38'57	18°28	29°26	26°59	19°43	0°43	5°48	8°34	28° 7	4°12	8°47	7°57	3°51	29°25	S 15
M16	19 35 25	23°36'09	1♐35	1♌29	28°12	20°12	0°38	5°52	8°36	28° 7	4°14	8°48	7°54	3°57	29°30	M16
T 17	19 39 21	24°33'22	14°26	3°31	29°26	20°43	0°34	5°56	8°37	28° 6	4°16	8°49	7°51	4° 4	29°35	T 17
W18	19 43 18	25°30'35	27° 3	5°31	0♌40	21°13	0°29	6° 0	8°39	28° 6	4°17	8°50	7°48	4°11	29°40	W18
T 19	19 47 14	26°27'48	9♑29	7°29	1°54	21°44	0°23	6° 4	8°40	28° 5	4°19	8°R51	7°44	4°18	29°45	T 19
F 20	19 51 11	27°25'02	21°44	9°26	3° 8	22°14	0°18	6° 8	8°41	28° 5	4°21	8°50	7°41	4°24	29°50	F 20
S 21	19 55 7	28°22'16	3♒50	11°21	4°21	22°45	0°13	6°12	8°42	28° 4	4°22	8°49	7°38	4°31	29°55	S 21
S 22	19 59 4	29°19'30	15°50	13°14	5°35	23°17	0° 7	6°16	8°43	28° 3	4°24	8°46	7°35	4°38	0♋ 0	S 22
M23	20 3 0	0♌16'44	27°44	15° 5	6°49	23°48	0° 1	6°20	8°44	28° 3	4°26	8°43	7°32	4°44	0° 5	M23
T 24	20 6 57	1°14'00	9♓36	16°54	8° 3	24°20	29♒56	6°25	8°46	28° 2	4°27	8°39	7°29	4°51	0°10	T 24
W25	20 10 54	2°11'15	21°27	18°42	9°17	24°52	29°50	6°29	8°47	28° 1	4°29	8°36	7°25	4°58	0°15	W25
T 26	20 14 50	3° 8'32	3♈21	20°28	10°31	25°24	29°44	6°34	8°48	28° 1	4°31	8°33	7°22	5° 4	0°20	T 26
F 27	20 18 47	4° 5'49	15°21	22°12	11°45	25°56	29°37	6°38	8°48	28° 0	4°32	8°30	7°19	5°11	0°25	F 27
S 28	20 22 43	5° 3'08	27°32	23°54	12°59	26°29	29°31	6°43	8°49	27°59	4°34	8°29	7°16	5°18	0°29	S 28
S 29	20 26 40	6° 0'27	9♉58	25°35	14°12	27° 1	29°24	6°48	8°50	27°58	4°36	8°D29	7°13	5°25	0°34	S 29
M30	20 30 36	6°57'47	22°42	27°13	15°26	27°34	29°18	6°52	8°51	27°57	4°37	8°29	7° 9	5°31	0°39	M30
T 31	20 34 33	7♌55'08	5♊49	28♌50	16♌40	28♎ 7	29♒11	6♎57	8♉52	27♓56	4♌39	8♋31	7♋ 6	5♓38	0♋43	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n 5	7n28	4s52	23n34	0n 9	23n35	0n32	5s20	0s 8	11s50	0s58	0n11	2n24	13n46	0s29	1s49	1s11	22n39	3n28	23n 7	23n 8	14s31	18n 3	5s21
M 2	23 1	12 3	4 18	23 45	0 20	23 31	0 34	5 31	0 10	11 51	0 58	0 10	2 24	13 46	0 29	1 49	1 11	22 38	3 28	23 7	23 8	14 29	18 3	5 21
T 3	22 57	16 13	3 29	23 52	0 31	23 27	0 36	5 43	0 11	11 52	0 58	0 9	2 24	13 47	0 29	1 49	1 12	22 38	3 28	23 7	23 8	14 27	18 3	5 22
W 4	22 52	19 40	2 27	23 58	0 40	23 22	0 38	5 54	0 12	11 53	0 58	0 7	2 24	13 48	0 29	1 49	1 12	22 38	3 28	23 7	23 8	14 25	18 3	5 22
T 5	22 46	22 5	1 15	24 0	0 50	23 17	0 40	6 6	0 14	11 54	0 59	0 6	2 23	13 48	0 29	1 49	1 12	22 37	3 28	23 7	23 9	14 23	18 2	5 22
F 6	22 40	23 8	0n 4	24 0	0 59	23 10	0 42	6 17	0 15	11 55	0 59	0 5	2 23	13 49	0 29	1 49	1 12	22 37	3 28	23 7	23 9	14 21	18 2	5 22
S 7	22 34	22 38	1 24	23 57	1 7	23 3	0 45	6 29	0 16	11 57	0 59	0 4	2 23	13 49	0 29	1 50	1 12	22 37	3 28	23 7	23 9	14 19	18 2	5 22
S 8	22 28	20 34	2 39	23 52	1 15	22 56	0 47	6 41	0 17	11 58	0 59	0 2	2 23	13 50	0 29	1 50	1 12	22 36	3 29	23 7	23 9	14 17	18 2	5 23
M 9	22 21	17 7	3 44	23 43	1 21	22 47	0 49	6 53	0 18	12 0	1 0	0 1	2 22	13 50	0 29	1 50	1 12	22 36	3 29	23 7	23 9	14 15	18 2	5 23
T 10	22 13	12 37	4 33	23 32	1 27	22 38	0 51	7 5	0 20	12 1	1 0	0s 1	2 22	13 51	0 29	1 50	1 12	22 36	3 29	23 7	23 10	14 13	18 2	5 23
W11	22 6	7 26	5 5	23 18	1 33	22 28	0 52	7 17	0 21	12 3	1 0	0 2	2 22	13 51	0 29	1 50	1 12	22 35	3 29	23 7	23 10	14 11	18 2	5 23
T 12	21 57	1 56	5 16	23 2	1 37	22 18	0 54	7 29	0 22	12 4	1 0	0 4	2 22	13 52	0 29	1 50	1 12	22 35	3 29	23 7	23 10	14 9	18 1	5 23
F 13	21 49	3s33	5 9	22 44	1 41	22 7	0 56	7 41	0 23	12 6	1 1	0 5	2 22	13 52	0 29	1 51	1 12	22 35	3 29	23 8	23 10	14 7	18 1	5 24
S 14	21 40	8 44	4 44	22 23	1 44	21 55	0 58	7 53	0 24	12 8	1 1	0 7	2 21	13 53	0 29	1 51	1 12	22 34	3 29	23 7	23 10	14 5	18 1	5 24
S 15	21 31	13 24	4 4	21 59	1 47	21 43	1 0	8 5	0 25	12 10	1 1	0 9	2 21	13 53	0 29	1 51	1 12	22 34	3 29	23 7	23 11	14 3	18 1	5 24
M16	21 21	17 20	3 12	21 34	1 48	21 30	1 1	8 18	0 26	12 12	1 1	0 10	2 21	13 54	0 29	1 51	1 12	22 34	3 29	23 7	23 11	14 1	18 1	5 24
T 17	21 11	20 20	2 11	21 7	1 49	21 17	1 3	8 30	0 27	12 14	1 2	0 12	2 21	13 54	0 29	1 51	1 12	22 33	3 29	23 7	23 11	13 59	18 0	5 24
W18	21 1	22 18	1 5	20 38	1 49	21 2	1 5	8 42	0 28	12 16	1 2	0 14	2 21	13 55	0 29	1 52	1 12	22 33	3 29	23 7	23 11	13 57	18 0	5 25
T 19	20 50	23 8	0s 4	20 8	1 49	20 48	1 6	8 55	0 29	12 18	1 2	0 15	2 20	13 55	0 29	1 52	1 12	22 33	3 29	23 7	23 11	13 55	18 0	5 25
F 20	20 39	22 49	1 11	19 36	1 48	20 32	1 8	9 7	0 31	12 20	1 2	0 17	2 20	13 55	0 29	1 52	1 12	22 32	3 29	23 7	23 11	13 53	18 0	5 25
S 21	20 28	21 26	2 13	19 3	1 46	20 16	1 9	9 20	0 32	12 22	1 3	0 19	2 20	13 56	0 29	1 52	1 12	22 32	3 29	23 7	23 12	13 51	17 59	5 25
S 22	20 16	19 6	3 10	18 29	1 44	20 0	1 11	9 32	0 33	12 24	1 3	0 21	2 20	13 56	0 29	1 53	1 12	22 31	3 29	23 7	23 12	13 49	17 59	5 26
M23	20 4	15 58	3 57	17 54	1 41	19 43	1 12	9 45	0 34	12 26	1 3	0 23	2 20	13 56	0 29	1 53	1 12	22 31	3 29	23 8	23 12	13 47	17 59	5 26
T 24	19 52	12 12	4 35	17 18	1 37	19 25	1 13	9 57	0 35	12 28	1 3	0 25	2 19	13 57	0 29	1 53	1 13	22 31	3 29	23 8	23 12	13 45	17 59	5 26
W25	19 39	7 59	5 0	16 41	1 33	19 7	1 15	10 10	0 35	12 31	1 4	0 26	2 19	13 57	0 29	1 54	1 13	22 30	3 29	23 8	23 12	13 43	17 58	5 27
T 26	19 26	3 27	5 12	16 3	1 29	18 48	1 16	10 23	0 36	12 33	1 4	0 28	2 19	13 57	0 29	1 54	1 13	22 30	3 29	23 8	23 13	13 41	17 58	5 27
F 27	19 13	1n15	5 12	15 25	1 24	18 29	1 17	10 35	0 37	12 36	1 4	0 30	2 19	13 58	0 29	1 54	1 13	22 30	3 30	23 9	23 13	13 39	17 58	5 27
S 28	18 59	5 58	4 57	14 46	1 18	18 9	1 18	10 48	0 38	12 38	1 4	0 32	2 19	13 58	0 29	1 55	1 13	22 29	3 30	23 9	23 13	13 37	17 57	5 27
S 29	18 45	10 33	4 28	14 7	1 12	17 49	1 19	11 1	0 39	12 40	1 4	0 34	2 18	13 58	0 29	1 55	1 13	22 29	3 30	23 9	23 13	13 35	17 57	5 28
M30	18 31	14 48	3 45	13 27	1 6	17 28	1 20	11 13	0 40	12 43	1 5	0 36	2 18	13 58	0 29	1 56	1 13	22 29	3 30	23 9	23 13	13 33	17 57	5 28
T 31	18n16	18n28	2s50	12n47	0n59	17n 7	1n21	11s26	0s41	12s45	1s 5	0s39	2n18	13n59	0s29	1s56	1s13	22n28	3n30	23n 8	23n13	13s31	17n56	5s28

Julian Day Number = 2520026.5, Delta T = 151.27 sec
Ecliptic obliquity = 23°24'52, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°21'38, Lahiri = 26°28'38

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2187
geocentric

AUGUST 2187 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 38 29	8♌52'30	19♊22	0♍26	17♌54	28♎41	29°R 4	7♎ 2	8♉52	27°R55	4♌41	8♋32	7♋ 3	5♓45	0♋48	W 1
T 2	20 42 26	9°49'53	3♋22	1°59	19° 8	29°14	28♒57	7° 7	8°53	27♓54	4°43	8°R33	7° 0	5°51	0°53	T 2
F 3	20 46 23	10°47'17	17°48	3°31	20°22	29°48	28°50	7°12	8°53	27°54	4°44	8°33	6°57	5°58	0°57	F 3
S 4	20 50 19	11°44'43	2♌35	5° 0	21°36	0♏22	28°43	7°17	8°54	27°53	4°46	8°31	6°54	6° 5	1° 2	S 4
S 5	20 54 16	12°42'09	17°39	6°28	22°50	0°56	28°36	7°23	8°54	27°51	4°48	8°28	6°50	6°11	1° 6	S 5
M 6	20 58 12	13°39'35	2♍48	7°55	24° 4	1°30	28°29	7°28	8°55	27°50	4°49	8°24	6°47	6°18	1°11	M 6
T 7	21 2 9	14°37'03	17°54	9°19	25°18	2° 4	28°21	7°33	8°55	27°49	4°51	8°19	6°44	6°25	1°15	T 7
W 8	21 6 5	15°34'31	2♎48	10°41	26°32	2°39	28°14	7°39	8°56	27°48	4°53	8°14	6°41	6°32	1°19	W 8
T 9	21 10 2	16°32'00	17°21	12° 2	27°46	3°14	28° 6	7°44	8°56	27°47	4°54	8° 9	6°38	6°38	1°24	T 9
F 10	21 13 58	17°29'29	1♏30	13°21	28°59	3°49	27°59	7°50	8°56	27°46	4°56	8° 7	6°35	6°45	1°28	F 10
S 11	21 17 55	18°27'00	15°14	14°37	0♍13	4°24	27°51	7°55	8°56	27°45	4°57	8°D 6	6°31	6°52	1°32	S 11
S 12	21 21 52	19°24'31	28°33	15°52	1°27	4°59	27°43	8° 1	8°56	27°44	4°59	8° 6	6°28	6°58	1°36	S 12
M13	21 25 48	20°22'03	11♐29	17° 4	2°41	5°35	27°36	8° 7	8°56	27°42	5° 1	8° 7	6°25	7° 5	1°40	M13
T 14	21 29 45	21°19'36	24° 8	18°15	3°55	6°10	27°28	8°12	8°R57	27°41	5° 2	8° 9	6°22	7°12	1°44	T 14
W15	21 33 41	22°17'09	6♑31	19°22	5° 9	6°46	27°20	8°18	8°57	27°40	5° 4	8°R 9	6°19	7°18	1°49	W15
T 16	21 37 38	23°14'44	18°43	20°28	6°23	7°22	27°12	8°24	8°56	27°39	5° 6	8° 9	6°15	7°25	1°53	T 16
F 17	21 41 34	24°12'20	0♒46	21°31	7°37	7°58	27° 5	8°30	8°56	27°37	5° 7	8° 6	6°12	7°32	1°56	F 17
S 18	21 45 31	25° 9'56	12°43	22°32	8°51	8°34	26°57	8°36	8°56	27°36	5° 9	8° 2	6° 9	7°39	2° 0	S 18
S 19	21 49 27	26° 7'34	24°37	23°30	10° 5	9°11	26°49	8°42	8°56	27°35	5°10	7°55	6° 6	7°45	2° 4	S 19
M20	21 53 24	27° 5'13	6♓29	24°25	11°19	9°47	26°41	8°48	8°56	27°33	5°12	7°46	6° 3	7°52	2° 8	M20
T 21	21 57 21	28° 2'54	18°20	25°17	12°33	10°24	26°33	8°54	8°55	27°32	5°14	7°37	6° 0	7°59	2°12	T 21
W22	22 1 17	29° 0'36	0♈13	26° 6	13°47	11° 1	26°25	9° 0	8°55	27°31	5°15	7°27	5°56	8° 5	2°15	W22
T 23	22 5 14	29°58'19	12°10	26°51	15° 1	11°37	26°17	9° 7	8°55	27°29	5°17	7°19	5°53	8°12	2°19	T 23
F 24	22 9 10	0♍56'04	24°13	27°34	16°15	12°15	26°10	9°13	8°54	27°28	5°18	7°11	5°50	8°19	2°22	F 24
S 25	22 13 7	1°53'50	6♉24	28°12	17°28	12°52	26° 2	9°19	8°54	27°26	5°20	7° 6	5°47	8°26	2°26	S 25
S 26	22 17 3	2°51'38	18°49	28°46	18°42	13°29	25°54	9°26	8°53	27°25	5°21	7° 3	5°44	8°32	2°29	S 26
M27	22 21 0	3°49'28	1♊29	29°17	19°56	14° 7	25°46	9°32	8°52	27°23	5°23	7°D 2	5°41	8°39	2°33	M27
T 28	22 24 56	4°47'19	14°30	29°43	21°10	14°44	25°39	9°39	8°52	27°22	5°24	7° 2	5°37	8°46	2°36	T 28
W29	22 28 53	5°45'13	27°56	0♎ 4	22°24	15°22	25°31	9°45	8°51	27°20	5°26	7° 3	5°34	8°52	2°39	W29
T 30	22 32 50	6°43'08	11♋48	0°20	23°38	16° 0	25°23	9°52	8°50	27°19	5°27	7°R 3	5°31	8°59	2°43	T 30
F 31	22 36 46	7♍41'05	26♋ 8	0♎31	24♍52	16♏38	25♒16	9♎58	8♉50	27♓17	5♌29	7♋ 1	5♋28	9♓ 6	2♋46	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	18n 1	21n17	1s43	12n 7	0n52	16n45	1n22	11s39	0s42	12s48	1s 5	0s41	2n18	13n59	0s29	1s56	1s13	22n28	3n30	23n 8	23n14	13s29	17n56	5s29	
T 2	17 46	22 54	0 28	11 27	0 45	16 23	1 23	11 51	0 43	12 51	1 5	0 43	2 18	13 59	0 29	1 57	1 13	22 28	3 30	23 8	23 14	13 27	17 56	5 29	
F 3	17 31	23 4	0n50	10 47	0 37	16 0	1 23	12 4	0 44	12 53	1 5	0 45	2 18	13 59	0 29	1 57	1 13	22 27	3 30	23 8	23 14	13 25	17 55	5 29	
S 4	17 15	21 38	2 7	10 7	0 29	15 37	1 24	12 17	0 45	12 56	1 6	0 47	2 17	13 59	0 29	1 58	1 13	22 27	3 30	23 8	23 14	13 23	17 55	5 30	
S 5	16 59	18 39	3 17	9 27	0 20	15 14	1 25	12 30	0 45	12 59	1 6	0 49	2 17	13 59	0 29	1 58	1 13	22 27	3 30	23 9	23 14	13 21	17 55	5 30	
M 6	16 42	14 24	4 13	8 47	0 12	14 50	1 25	12 42	0 46	13 1	1 6	0 52	2 17	14 0	0 29	1 59	1 13	22 26	3 30	23 9	23 14	13 19	17 54	5 30	
T 7	16 26	9 15	4 51	8 7	0 3	14 25	1 26	12 55	0 47	13 4	1 6	0 54	2 17	14 0	0 29	1 59	1 13	22 26	3 30	23 9	23 15	13 17	17 54	5 31	
W 8	16 9	3 37	5 9	7 27	0s 6	14 1	1 26	13 8	0 48	13 7	1 6	0 56	2 17	14 0	0 29	1 59	1 13	22 26	3 30	23 10	23 15	13 14	17 53	5 31	
T 9	15 52	2s 5	5 7	6 48	0 16	13 36	1 27	13 20	0 49	13 10	1 6	0 58	2 17	14 0	0 29	2 0	1 13	22 25	3 30	23 10	23 15	13 12	17 53	5 31	
F 10	15 35	7 31	4 45	6 9	0 25	13 10	1 27	13 33	0 49	13 12	1 7	1 1	2 17	14 0	0 29	2 0	1 13	22 25	3 31	23 10	23 15	13 10	17 53	5 32	
S 11	15 17	12 26	4 8	5 31	0 35	12 44	1 27	13 46	0 50	13 15	1 7	1 3	2 16	14 0	0 29	2 1	1 13	22 25	3 31	23 10	23 15	13 8	17 52	5 32	
S 12	14 59	16 35	3 18	4 53	0 45	12 18	1 27	13 58	0 51	13 18	1 7	1 5	2 16	14 0	0 29	2 1	1 13	22 24	3 31	23 10	23 15	13 6	17 52	5 33	
M13	14 41	19 50	2 20	4 15	0 55	11 52	1 27	14 11	0 52	13 21	1 7	1 8	2 16	14 0	0 29	2 2	1 13	22 24	3 31	23 10	23 16	13 4	17 51	5 33	
T 14	14 23	22 2	1 15	3 39	1 5	11 25	1 27	14 23	0 52	13 23	1 7	1 10	2 16	14 0	0 29	2 2	1 13	22 24	3 31	23 10	23 16	13 2	17 51	5 33	
W15	14 4	23 6	0 9	3 3	1 16	10 58	1 27	14 36	0 53	13 26	1 7	1 13	2 16	14 0	0 29	2 3	1 13	22 23	3 31	23 10	23 16	13 0	17 50	5 34	
T 16	13 45	23 3	0s57	2 27	1 26	10 31	1 27	14 48	0 54	13 29	1 7	1 15	2 16	14 0	0 30	2 4	1 13	22 23	3 31	23 10	23 16	12 58	17 50	5 34	
F 17	13 26	21 54	1 59	1 53	1 37	10 3	1 27	15 1	0 55	13 32	1 8	1 17	2 16	14 0	0 30	2 4	1 13	22 23	3 31	23 10	23 16	12 55	17 49	5 35	
S 18	13 7	19 47	2 55	1 19	1 47	9 35	1 27	15 13	0 55	13 35	1 8	1 20	2 15	14 0	0 30	2 5	1 13	22 23	3 31	23 10	23 16	12 53	17 49	5 35	
S 19	12 48	16 49	3 44	0 47	1 58	9 7	1 27	15 25	0 56	13 37	1 8	1 22	2 15	14 0	0 30	2 5	1 13	22 22	3 31	23 11	23 16	12 51	17 49	5 35	
M20	12 28	13 11	4 22	0 15	2 8	8 39	1 26	15 38	0 57	13 40	1 8	1 25	2 15	14 0	0 30	2 6	1 14	22 22	3 32	23 11	23 17	12 49	17 48	5 36	
T 21	12 8	9 2	4 49	0s15	2 19	8 10	1 26	15 50	0 57	13 43	1 8	1 27	2 15	13 59	0 30	2 6	1 14	22 22	3 32	23 12	23 17	12 47	17 48	5 36	
W22	11 48	4 33	5 3	0 44	2 29	7 41	1 25	16 2	0 58	13 46	1 8	1 30	2 15	13 59	0 30	2 7	1 14	22 21	3 32	23 12	23 17	12 45	17 47	5 37	
T 23	11 28	0n 8	5 5	1 12	2 40	7 12	1 25	16 14	0 59	13 49	1 8	1 33	2 15	13 59	0 30	2 7	1 14	22 21	3 32	23 13	23 17	12 43	17 47	5 37	
F 24	11 8	4 51	4 53	1 38	2 50	6 43	1 24	16 26	0 59	13 51	1 8	1 35	2 15	13 59	0 30	2 8	1 14	22 21	3 32	23 13	23 17	12 41	17 46	5 38	
S 25	10 47	9 26	4 27	2 2	3 0	6 13	1 23	16 38	1 0	13 54	1 8	1 38	2 15	13 59	0 30	2 9	1 14	22 21	3 32	23 13	23 17	12 38	17 46	5 38	
S 26	10 27	13 44	3 49	2 25	3 10	5 44	1 23	16 50	1 1	13 57	1 8	1 40	2 14	13 59	0 30	2 9	1 14	22 20	3 32	23 14	23 17	12 36	17 45	5 38	
M27	10 6	17 31	2 58	2 46	3 20	5 14	1 22	17 2	1 1	13 59	1 8	1 43	2 14	13 58	0 30	2 10	1 14	22 20	3 32	23 14	23 18	12 34	17 45	5 39	
T 28	9 45	20 34	1 58	3 5	3 29	4 44	1 21	17 14	1 2	14 2	1 9	1 46	2 14	13 58	0 30	2 10	1 14	22 20	3 32	23 14	23 18	12 32	17 44	5 39	
W29	9 24	22 35	0 49	3 22	3 38	4 14	1 20	17 25	1 2	14 5	1 9	1 48	2 14	13 58	0 30	2 11	1 14	22 19	3 32	23 14	23 18	12 30	17 43	5 40	
T 30	9 2	23 19	0n25	3 36	3 46	3 44	1 19	17 37	1 3	14 7	1 9	1 51	2 14	13 58	0 30	2 12	1 14	22 19	3 33	23 14	23 18	12 28	17 43	5 40	
F 31	8n41	22n32	1n40	3s47	3s54	3n14	1n18	17s49	1s 4	14s10	1s 9	1s53	2n14	13n57	0s30	2s12	1s14	22n19	3n33	23n14	23n18	12s25	17n42	5s41	

Julian Day Number = 2520057.5, Delta T = 151.34 sec
Ecliptic obliquity = 23°24'52, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°21'42, Lahiri = 26°28'42

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2187
geocentric

SEPTEMBER 2187 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 40 43	8♍39'04	10♌54	0♎37	26♍ 6	17♏17	25°R 8	10♎ 5	8°R49	27°R16	5♌30	6°R58	5♋25	9♓12	2♋49	S 1
S 2	22 44 39	9°37'04	25°59	0°R37	27°20	17°55	25♒ 1	10°12	8♉48	27♓14	5°32	6♋52	5°21	9°19	2°52	S 2
M 3	22 48 36	10°35'06	11♍16	0°31	28°34	18°33	24°54	10°18	8°47	27°13	5°33	6°43	5°18	9°26	2°55	M 3
T 4	22 52 32	11°33'10	26°34	0°19	29°48	19°12	24°46	10°25	8°46	27°11	5°35	6°34	5°15	9°33	2°58	T 4
W 5	22 56 29	12°31'15	11♎40	0° 1	1♎ 2	19°51	24°39	10°32	8°45	27° 9	5°36	6°24	5°12	9°39	3° 1	W 5
T 6	23 0 25	13°29'21	26°27	29♍37	2°16	20°30	24°32	10°39	8°44	27° 8	5°37	6°16	5° 9	9°46	3° 3	T 6
F 7	23 4 22	14°27'29	10♏47	29° 6	3°30	21° 9	24°25	10°46	8°43	27° 6	5°39	6°10	5° 6	9°53	3° 6	F 7
S 8	23 8 18	15°25'39	24°37	28°30	4°43	21°48	24°18	10°52	8°42	27° 5	5°40	6° 6	5° 2	9°59	3° 9	S 8
S 9	23 12 15	16°23'50	7♐59	27°47	5°57	22°27	24°12	10°59	8°40	27° 3	5°41	6° 4	4°59	10° 6	3°11	S 9
M10	23 16 12	17°22'02	20°55	27° 0	7°11	23° 6	24° 5	11° 6	8°39	27° 1	5°43	6°D 4	4°56	10°13	3°14	M10
T 11	23 20 8	18°20'16	3♑29	26° 8	8°25	23°46	23°59	11°13	8°38	27° 0	5°44	6°R 4	4°53	10°20	3°16	T 11
W12	23 24 5	19°18'32	15°46	25°12	9°39	24°26	23°52	11°20	8°37	26°58	5°45	6° 4	4°50	10°26	3°19	W12
T 13	23 28 1	20°16'48	27°50	24°13	10°53	25° 5	23°46	11°27	8°35	26°57	5°47	6° 2	4°47	10°33	3°21	T 13
F 14	23 31 58	21°15'07	9♒47	23°12	12° 7	25°45	23°40	11°34	8°34	26°55	5°48	5°57	4°43	10°40	3°23	F 14
S 15	23 35 54	22°13'27	21°39	22°11	13°20	26°25	23°34	11°41	8°32	26°53	5°49	5°50	4°40	10°46	3°25	S 15
S 16	23 39 51	23°11'49	3♓30	21°12	14°34	27° 5	23°28	11°49	8°31	26°52	5°50	5°40	4°37	10°53	3°27	S 16
M17	23 43 47	24°10'12	15°22	20°14	15°48	27°45	23°22	11°56	8°29	26°50	5°52	5°28	4°34	11° 0	3°29	M17
T 18	23 47 44	25° 8'37	27°16	19°21	17° 2	28°26	23°16	12° 3	8°28	26°48	5°53	5°14	4°31	11° 7	3°31	T 18
W19	23 51 41	26° 7'04	9♈15	18°33	18°16	29° 6	23°11	12°10	8°26	26°47	5°54	5° 0	4°27	11°13	3°33	W19
T 20	23 55 37	27° 5'33	21°18	17°51	19°30	29°47	23° 6	12°17	8°25	26°45	5°55	4°47	4°24	11°20	3°35	T 20
F 21	23 59 34	28° 4'04	3♉28	17°17	20°43	0♐27	23° 1	12°24	8°23	26°43	5°56	4°36	4°21	11°27	3°37	F 21
S 22	0 3 30	29° 2'37	15°46	16°51	21°57	1° 8	22°56	12°32	8°21	26°42	5°57	4°28	4°18	11°33	3°38	S 22
S 23	0 7 27	0♎ 1'13	28°15	16°34	23°11	1°49	22°51	12°39	8°19	26°40	5°58	4°22	4°15	11°40	3°40	S 23
M24	0 11 23	0°59'50	10♊58	16°D27	24°25	2°30	22°46	12°46	8°18	26°38	6° 0	4°19	4°12	11°47	3°41	M24
T 25	0 15 20	1°58'30	23°57	16°29	25°38	3°11	22°42	12°54	8°16	26°37	6° 1	4°18	4° 8	11°54	3°43	T 25
W26	0 19 16	2°57'12	7♋17	16°41	26°52	3°52	22°37	13° 1	8°14	26°35	6° 2	4°18	4° 5	12° 0	3°44	W26
T 27	0 23 13	3°55'56	20°59	17° 3	28° 6	4°33	22°33	13° 8	8°12	26°33	6° 3	4°17	4° 2	12° 7	3°46	T 27
F 28	0 27 10	4°54'42	5♌ 7	17°35	29°20	5°15	22°29	13°15	8°10	26°32	6° 4	4°15	3°59	12°14	3°47	F 28
S 29	0 31 6	5°53'31	19°39	18°15	0♏33	5°56	22°25	13°23	8° 8	26°30	6° 5	4°11	3°56	12°20	3°48	S 29
S 30	0 35 3	6♎52'22	4♍32	19♍ 4	1♏47	6♐38	22♒22	13♎30	8♉ 6	26♓28	6♌ 6	4♋ 4	3♋52	12♓27	3♋49	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n19	20n13	2n50	3s56	4s 1	2n43	1n17	18s 0	1s 4	14s12	1s 9	1s56	2n14	13n57	0s30	2s13	1s14	22n19	3n33	23n14	23n18	12s23	17n42	5s41
S 2	7 57	16 27	3 50	4 2	4 8	2 13	1 15	18 11	1 5	14 15	1 9	1 59	2 14	13 57	0 30	2 14	1 14	22 18	3 33	23 14	23 18	12 21	17 41	5 42
M 3	7 35	11 33	4 34	4 5	4 13	1 42	1 14	18 23	1 5	14 17	1 9	2 2	2 14	13 57	0 30	2 14	1 14	22 18	3 33	23 15	23 19	12 19	17 41	5 42
T 4	7 13	5 56	4 58	4 4	4 18	1 12	1 13	18 34	1 6	14 20	1 9	2 4	2 14	13 56	0 30	2 15	1 14	22 18	3 33	23 15	23 19	12 17	17 40	5 43
W 5	6 51	0 1	5 2	4 0	4 21	0 41	1 11	18 45	1 6	14 22	1 9	2 7	2 14	13 56	0 30	2 16	1 14	22 18	3 33	23 16	23 19	12 14	17 40	5 43
T 6	6 29	5s46	4 45	3 52	4 23	0 10	1 10	18 56	1 7	14 25	1 9	2 10	2 13	13 56	0 30	2 16	1 14	22 18	3 33	23 16	23 19	12 12	17 39	5 44
F 7	6 7	11 5	4 10	3 41	4 24	0s21	1 8	19 7	1 7	14 27	1 9	2 13	2 13	13 55	0 30	2 17	1 14	22 17	3 34	23 16	23 19	12 10	17 39	5 44
S 8	5 44	15 39	3 21	3 25	4 23	0 51	1 7	19 17	1 8	14 29	1 9	2 15	2 13	13 55	0 30	2 18	1 14	22 17	3 34	23 16	23 19	12 8	17 38	5 45
S 9	5 22	19 15	2 23	3 6	4 20	1 22	1 5	19 28	1 8	14 32	1 9	2 18	2 13	13 54	0 30	2 18	1 14	22 17	3 34	23 17	23 19	12 6	17 37	5 45
M10	4 59	21 47	1 20	2 43	4 16	1 53	1 3	19 39	1 9	14 34	1 9	2 21	2 13	13 54	0 30	2 19	1 14	22 17	3 34	23 17	23 19	12 3	17 37	5 46
T 11	4 36	23 8	0 14	2 17	4 10	2 24	1 2	19 49	1 9	14 36	1 9	2 24	2 13	13 54	0 30	2 20	1 14	22 16	3 34	23 17	23 19	12 1	17 36	5 46
W12	4 14	23 20	0s51	1 47	4 2	2 54	1 0	19 59	1 10	14 38	1 9	2 26	2 13	13 53	0 30	2 20	1 14	22 16	3 34	23 17	23 20	11 59	17 36	5 47
T 13	3 51	22 25	1 53	1 15	3 51	3 25	0 58	20 9	1 10	14 40	1 9	2 29	2 13	13 53	0 30	2 21	1 14	22 16	3 34	23 17	23 20	11 57	17 35	5 47
F 14	3 28	20 29	2 48	0 40	3 39	3 55	0 56	20 19	1 11	14 42	1 9	2 32	2 13	13 52	0 30	2 21	1 14	22 16	3 34	23 17	23 20	11 55	17 35	5 48
S 15	3 5	17 41	3 36	0 3	3 26	4 26	0 54	20 29	1 11	14 44	1 9	2 35	2 13	13 52	0 30	2 22	1 14	22 16	3 35	23 17	23 20	11 52	17 34	5 48
S 16	2 42	14 10	4 15	0n34	3 10	4 56	0 52	20 39	1 12	14 46	1 9	2 38	2 13	13 51	0 30	2 23	1 14	22 16	3 35	23 18	23 20	11 50	17 33	5 49
M17	2 19	10 6	4 42	1 12	2 53	5 27	0 50	20 49	1 12	14 48	1 9	2 40	2 13	13 51	0 30	2 23	1 14	22 15	3 35	23 18	23 20	11 48	17 33	5 49
T 18	1 56	5 37	4 57	1 50	2 35	5 57	0 48	20 58	1 13	14 50	1 9	2 43	2 13	13 50	0 30	2 24	1 14	22 15	3 35	23 19	23 20	11 46	17 32	5 50
W19	1 32	0 55	4 59	2 26	2 16	6 27	0 46	21 7	1 13	14 51	1 9	2 46	2 13	13 50	0 30	2 25	1 14	22 15	3 35	23 19	23 20	11 43	17 32	5 50
T 20	1 9	3n51	4 48	3 1	1 57	6 57	0 43	21 17	1 13	14 53	1 9	2 49	2 13	13 49	0 30	2 25	1 14	22 15	3 35	23 20	23 20	11 41	17 31	5 51
F 21	0 46	8 32	4 23	3 32	1 37	7 27	0 41	21 26	1 14	14 55	1 9	2 52	2 13	13 49	0 30	2 26	1 14	22 15	3 35	23 20	23 21	11 39	17 30	5 52
S 22	0 23	12 56	3 46	4 1	1 17	7 57	0 39	21 34	1 14	14 56	1 9	2 55	2 13	13 48	0 30	2 27	1 14	22 15	3 36	23 20	23 21	11 37	17 30	5 52
S 23	0s 0	16 52	2 58	4 25	0 57	8 26	0 36	21 43	1 14	14 58	1 8	2 57	2 13	13 47	0 30	2 27	1 14	22 14	3 36	23 21	23 21	11 34	17 29	5 53
M24	0 24	20 5	2 0	4 46	0 38	8 56	0 34	21 52	1 15	14 59	1 8	3 0	2 13	13 47	0 30	2 28	1 14	22 14	3 36	23 21	23 21	11 32	17 29	5 53
T 25	0 47	22 22	0 54	5 2	0 19	9 25	0 32	22 0	1 15	15 1	1 8	3 3	2 13	13 46	0 30	2 29	1 14	22 14	3 36	23 21	23 21	11 30	17 28	5 54
W26	1 10	23 29	0n16	5 13	0 2	9 54	0 29	22 8	1 16	15 2	1 8	3 6	2 13	13 46	0 30	2 29	1 14	22 14	3 36	23 21	23 21	11 27	17 28	5 54
T 27	1 34	23 13	1 27	5 20	0n15	10 22	0 27	22 16	1 16	15 3	1 8	3 9	2 12	13 45	0 30	2 30	1 14	22 14	3 36	23 21	23 21	11 25	17 27	5 55
F 28	1 57	21 28	2 35	5 22	0 30	10 51	0 24	22 24	1 16	15 5	1 8	3 12	2 12	13 44	0 30	2 31	1 14	22 14	3 36	23 21	23 21	11 23	17 26	5 55
S 29	2 20	18 18	3 35	5 19	0 44	11 19	0 21	22 32	1 17	15 6	1 8	3 14	2 12	13 44	0 30	2 31	1 14	22 14	3 37	23 21	23 21	11 21	17 26	5 56
S 30	2s44	13n54	4n22	5n12	0n57	11s47	0n19	22s39	1s17	15s 7	1s 8	3s17	2n12	13n43	0s30	2s32	1s14	22n14	3n37	23n21	23n21	11s18	17n25	5s57

Julian Day Number = 2520088.5, Delta T = 151.42 sec
Ecliptic obliquity = 23°24'53, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°21'46, Lahiri = 26°28'47

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2187
geocentric

OCTOBER 2187 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 38 59	7♎51'15	19♍40	20♍ 1	3♏ 1	7♐20	22°R18	13♎37	8°R 4	26°R27	6♌ 7	3°R54	3♋49	12♓34	3♋50	M 1
T 2	0 42 56	8°50'10	4♎52	21° 6	4°15	8° 1	22♒15	13°45	8♉ 2	26♓25	6° 7	3♋43	3°46	12°41	3°51	T 2
W 3	0 46 52	9°49'07	19°58	22°17	5°28	8°43	22°12	13°52	8° 0	26°24	6° 8	3°32	3°43	12°47	3°52	W 3
T 4	0 50 49	10°48'06	4♏47	23°33	6°42	9°25	22° 9	14° 0	7°58	26°22	6° 9	3°22	3°40	12°54	3°52	T 4
F 5	0 54 45	11°47'07	19°13	24°55	7°56	10° 8	22° 7	14° 7	7°56	26°20	6°10	3°14	3°37	13° 1	3°53	F 5
S 6	0 58 42	12°46'10	3♐10	26°22	9° 9	10°50	22° 4	14°14	7°54	26°19	6°11	3° 8	3°33	13° 7	3°53	S 6
S 7	1 2 39	13°45'14	16°37	27°52	10°23	11°32	22° 2	14°22	7°52	26°17	6°12	3° 5	3°30	13°14	3°54	S 7
M 8	1 6 35	14°44'21	29°37	29°26	11°37	12°14	22° 0	14°29	7°49	26°16	6°12	3°D 5	3°27	13°21	3°54	M 8
T 9	1 10 32	15°43'29	12♑13	1♎ 2	12°50	12°57	21°58	14°36	7°47	26°14	6°13	3°R 5	3°24	13°28	3°55	T 9
W10	1 14 28	16°42'39	24°31	2°41	14° 4	13°40	21°56	14°44	7°45	26°13	6°14	3° 4	3°21	13°34	3°55	W10
T 11	1 18 25	17°41'51	6♒34	4°21	15°17	14°22	21°55	14°51	7°43	26°11	6°15	3° 3	3°18	13°41	3°55	T 11
F 12	1 22 21	18°41'04	18°29	6° 3	16°31	15° 5	21°53	14°59	7°40	26°10	6°15	2°59	3°14	13°48	3°R55	F 12
S 13	1 26 18	19°40'19	0♓20	7°46	17°45	15°48	21°52	15° 6	7°38	26° 8	6°16	2°53	3°11	13°54	3°55	S 13
S 14	1 30 14	20°39'36	12°11	9°30	18°58	16°31	21°51	15°13	7°36	26° 7	6°17	2°44	3° 8	14° 1	3°55	S 14
M15	1 34 11	21°38'55	24° 5	11°14	20°12	17°14	21°51	15°21	7°34	26° 5	6°17	2°32	3° 5	14° 8	3°55	M15
T 16	1 38 8	22°38'16	6♈ 4	12°58	21°25	17°57	21°50	15°28	7°31	26° 4	6°18	2°20	3° 2	14°15	3°55	T 16
W17	1 42 4	23°37'38	18°11	14°43	22°39	18°40	21°50	15°35	7°29	26° 2	6°18	2° 7	2°58	14°21	3°54	W17
T 18	1 46 1	24°37'03	0♉25	16°27	23°52	19°23	21°D50	15°43	7°26	26° 1	6°19	1°54	2°55	14°28	3°54	T 18
F 19	1 49 57	25°36'30	12°48	18°12	25° 6	20° 7	21°50	15°50	7°24	26° 0	6°19	1°44	2°52	14°35	3°53	F 19
S 20	1 53 54	26°35'59	25°20	19°56	26°19	20°50	21°50	15°57	7°22	25°58	6°20	1°36	2°49	14°41	3°53	S 20
S 21	1 57 50	27°35'30	8♊ 2	21°40	27°33	21°34	21°51	16° 5	7°19	25°57	6°20	1°31	2°46	14°48	3°52	S 21
M22	2 1 47	28°35'03	20°56	23°23	28°46	22°17	21°51	16°12	7°17	25°55	6°21	1°28	2°43	14°55	3°51	M22
T 23	2 5 43	29°34'39	4♋ 3	25° 6	29°59	23° 1	21°52	16°19	7°14	25°54	6°21	1°D28	2°39	15° 2	3°51	T 23
W24	2 9 40	0♏34'17	17°26	26°48	1♐13	23°45	21°53	16°26	7°12	25°53	6°22	1°29	2°36	15° 8	3°50	W24
T 25	2 13 37	1°33'57	1♌ 5	28°30	2°26	24°29	21°55	16°34	7°10	25°52	6°22	1°R29	2°33	15°15	3°49	T 25
F 26	2 17 33	2°33'39	15° 3	0♏12	3°40	25°13	21°56	16°41	7° 7	25°50	6°22	1°28	2°30	15°22	3°48	F 26
S 27	2 21 30	3°33'24	29°19	1°53	4°53	25°57	21°58	16°48	7° 5	25°49	6°22	1°26	2°27	15°28	3°47	S 27
S 28	2 25 26	4°33'11	13♍53	3°33	6° 6	26°41	22° 0	16°55	7° 2	25°48	6°23	1°21	2°24	15°35	3°45	S 28
M29	2 29 23	5°33'00	28°38	5°13	7°20	27°25	22° 2	17° 2	7° 0	25°47	6°23	1°14	2°20	15°42	3°44	M29
T 30	2 33 19	6°32'51	13♎29	6°52	8°33	28° 9	22° 4	17° 9	6°57	25°45	6°23	1° 5	2°17	15°49	3°43	T 30
W31	2 37 16	7♏32'44	28♎17	8♏31	9♐46	28♐53	22♒ 7	17♎16	6♉55	25♓44	6♌23	0♋56	2♋14	15♓55	3♋41	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	3s 7	8n33	4n51	5n 0	1n 8	12s15	0n16	22s47	1s17	15s 8	1s 8	3s20	2n12	13n43	0s30	2s33	1s14	22n14	3n37	23n21	23n22	11s16	17n25	5s57
T 2	3 30	2 40	5 0	4 44	1 19	12 43	0 13	22 54	1 17	15 9	1 8	3 23	2 12	13 42	0 30	2 33	1 14	22 13	3 37	23 22	23 22	11 14	17 24	5 58
W 3	3 53	3s21	4 48	4 24	1 27	13 10	0 11	23 1	1 18	15 10	1 8	3 26	2 12	13 41	0 30	2 34	1 14	22 13	3 37	23 22	23 22	11 11	17 23	5 58
T 4	4 16	9 4	4 17	4 1	1 35	13 37	0 8	23 8	1 18	15 11	1 8	3 29	2 12	13 41	0 30	2 35	1 14	22 13	3 37	23 22	23 22	11 9	17 23	5 59
F 5	4 39	14 9	3 30	3 34	1 41	14 3	0 5	23 14	1 18	15 11	1 8	3 32	2 12	13 40	0 30	2 35	1 14	22 13	3 37	23 23	23 22	11 7	17 22	5 59
S 6	5 2	18 18	2 31	3 4	1 46	14 30	0 3	23 21	1 19	15 12	1 7	3 34	2 12	13 39	0 30	2 36	1 14	22 13	3 38	23 23	23 22	11 5	17 22	6 0
S 7	5 25	21 19	1 26	2 32	1 50	14 55	0s 0	23 27	1 19	15 13	1 7	3 37	2 12	13 38	0 30	2 36	1 14	22 13	3 38	23 23	23 22	11 2	17 21	6 0
M 8	5 48	23 7	0 18	1 58	1 53	15 21	0 3	23 33	1 19	15 13	1 7	3 40	2 13	13 38	0 30	2 37	1 14	22 13	3 38	23 23	23 22	11 0	17 21	6 1
T 9	6 11	23 39	0s48	1 21	1 55	15 46	0 6	23 38	1 19	15 14	1 7	3 43	2 13	13 37	0 30	2 38	1 14	22 13	3 38	23 23	23 22	10 58	17 20	6 2
W10	6 34	23 1	1 51	0 43	1 56	16 11	0 9	23 44	1 20	15 14	1 7	3 46	2 13	13 36	0 30	2 38	1 14	22 13	3 38	23 23	23 22	10 55	17 19	6 2
T 11	6 56	21 19	2 48	0 3	1 56	16 35	0 12	23 49	1 20	15 15	1 7	3 48	2 13	13 36	0 30	2 39	1 14	22 13	3 38	23 23	23 22	10 53	17 19	6 3
F 12	7 19	18 42	3 36	0s38	1 56	16 59	0 14	23 54	1 20	15 15	1 7	3 51	2 13	13 35	0 30	2 39	1 14	22 13	3 39	23 23	23 23	10 51	17 18	6 3
S 13	7 41	15 19	4 15	1 20	1 54	17 23	0 17	23 59	1 20	15 15	1 7	3 54	2 13	13 34	0 30	2 40	1 14	22 13	3 39	23 23	23 23	10 48	17 18	6 4
S 14	8 4	11 20	4 42	2 2	1 52	17 46	0 20	24 4	1 20	15 15	1 7	3 57	2 13	13 33	0 30	2 41	1 14	22 13	3 39	23 23	23 23	10 46	17 17	6 4
M15	8 26	6 54	4 58	2 45	1 50	18 9	0 23	24 8	1 21	15 16	1 6	4 0	2 13	13 33	0 30	2 41	1 14	22 13	3 39	23 23	23 23	10 44	17 17	6 5
T 16	8 48	2 12	5 1	3 29	1 46	18 31	0 26	24 13	1 21	15 16	1 6	4 2	2 13	13 32	0 30	2 42	1 14	22 13	3 39	23 24	23 23	10 41	17 16	6 6
W17	9 10	2n39	4 50	4 13	1 43	18 53	0 29	24 17	1 21	15 16	1 6	4 5	2 13	13 31	0 30	2 42	1 14	22 13	3 39	23 24	23 23	10 39	17 15	6 6
T 18	9 32	7 27	4 25	4 57	1 39	19 14	0 32	24 20	1 21	15 16	1 6	4 8	2 13	13 30	0 30	2 43	1 14	22 13	3 40	23 24	23 23	10 37	17 15	6 7
F 19	9 53	12 2	3 48	5 41	1 34	19 35	0 35	24 24	1 21	15 15	1 6	4 11	2 13	13 30	0 30	2 43	1 14	22 13	3 40	23 24	23 23	10 34	17 14	6 7
S 20	10 15	16 10	3 0	6 24	1 29	19 55	0 38	24 27	1 21	15 15	1 6	4 13	2 13	13 29	0 30	2 44	1 14	22 13	3 40	23 24	23 23	10 32	17 14	6 8
S 21	10 36	19 38	2 1	7 8	1 24	20 15	0 40	24 30	1 22	15 15	1 6	4 16	2 13	13 28	0 30	2 44	1 14	22 13	3 40	23 24	23 23	10 30	17 13	6 8
M22	10 58	22 11	0 56	7 51	1 19	20 34	0 43	24 33	1 22	15 15	1 6	4 19	2 13	13 27	0 30	2 45	1 14	22 13	3 40	23 24	23 23	10 27	17 13	6 9
T 23	11 19	23 35	0n14	8 34	1 13	20 53	0 46	24 36	1 22	15 14	1 5	4 22	2 13	13 26	0 30	2 46	1 14	22 13	3 40	23 24	23 23	10 25	17 12	6 9
W24	11 40	23 40	1 24	9 17	1 7	21 11	0 49	24 38	1 22	15 14	1 5	4 24	2 13	13 26	0 30	2 46	1 14	22 13	3 41	23 24	23 23	10 22	17 12	6 10
T 25	12 0	22 21	2 31	9 59	1 1	21 28	0 52	24 40	1 22	15 13	1 5	4 27	2 13	13 25	0 30	2 46	1 14	22 13	3 41	23 24	23 23	10 20	17 11	6 11
F 26	12 21	19 40	3 31	10 40	0 55	21 45	0 55	24 42	1 22	15 13	1 5	4 30	2 13	13 24	0 30	2 47	1 14	22 13	3 41	23 24	23 23	10 18	17 11	6 11
S 27	12 41	15 44	4 19	11 21	0 49	22 2	0 58	24 43	1 22	15 12	1 5	4 32	2 13	13 23	0 30	2 47	1 14	22 14	3 41	23 24	23 24	10 15	17 10	6 12
S 28	13 2	10 49	4 51	12 2	0 42	22 18	1 0	24 45	1 22	15 11	1 5	4 35	2 14	13 22	0 30	2 48	1 14	22 14	3 41	23 24	23 24	10 13	17 10	6 12
M29	13 22	5 12	5 5	12 41	0 36	22 33	1 3	24 46	1 22	15 10	1 5	4 38	2 14	13 22	0 30	2 48	1 14	22 14	3 41	23 25	23 24	10 11	17 9	6 13
T 30	13 41	0s44	4 58	13 20	0 29	22 47	1 6	24 46	1 22	15 9	1 5	4 40	2 14	13 21	0 30	2 49	1 14	22 14	3 42	23 25	23 24	10 8	17 9	6 13
W31	14s 1	6s37	4n32	13s59	0n22	23s 1	1s 8	24s47	1s22	15s 8	1s 4	4s43	2n14	13n20	0s30	2s49	1s14	22n14	3n42	23n25	23n24	10s 6	17n 8	6s14

Julian Day Number = 2520118.5, Delta T = 151.50 sec
Ecliptic obliquity = 23°24'54, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°21'50, Lahiri = 26°28'51

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2187
geocentric

NOVEMBER 2187 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 41 12	8♏32'40	12♏54	10♏ 9	11♐ 0	29♐38	22♒ 9	17♎24	6°R52	25°R43	6♌24	0°R48	2♋11	16♓ 2	3°R40	T 1
F 2	2 45 9	9°32'37	27°13	11°47	12°13	0♑22	22°12	17°31	6♉50	25♓42	6°24	0♋42	2° 8	16° 9	3♋38	F 2
S 3	2 49 5	10°32'36	11♐ 7	13°24	13°26	1° 7	22°15	17°38	6°47	25°41	6°24	0°38	2° 4	16°15	3°37	S 3
S 4	2 53 2	11°32'37	24°36	15° 1	14°39	1°51	22°19	17°45	6°45	25°40	6°24	0°D36	2° 1	16°22	3°35	S 4
M 5	2 56 59	12°32'39	7♑40	16°37	15°53	2°36	22°22	17°52	6°42	25°39	6°24	0°36	1°58	16°29	3°33	M 5
T 6	3 0 55	13°32'44	20°20	18°13	17° 6	3°21	22°26	17°58	6°40	25°38	6°24	0°37	1°55	16°36	3°31	T 6
W 7	3 4 52	14°32'49	2♒41	19°48	18°19	4° 6	22°30	18° 5	6°38	25°37	6°R24	0°39	1°52	16°42	3°29	W 7
T 8	3 8 48	15°32'57	14°47	21°23	19°32	4°51	22°34	18°12	6°35	25°36	6°24	0°R39	1°49	16°49	3°27	T 8
F 9	3 12 45	16°33'05	26°43	22°57	20°45	5°36	22°38	18°19	6°33	25°35	6°24	0°39	1°45	16°56	3°25	F 9
S 10	3 16 41	17°33'16	8♓35	24°31	21°58	6°21	22°42	18°26	6°30	25°34	6°24	0°36	1°42	17° 2	3°23	S 10
S 11	3 20 38	18°33'27	20°27	26° 5	23°11	7° 6	22°47	18°33	6°28	25°33	6°24	0°32	1°39	17° 9	3°21	S 11
M12	3 24 34	19°33'41	2♈24	27°39	24°24	7°51	22°52	18°39	6°26	25°33	6°24	0°26	1°36	17°16	3°19	M12
T 13	3 28 31	20°33'55	14°28	29°12	25°37	8°36	22°57	18°46	6°23	25°32	6°24	0°19	1°33	17°23	3°16	T 13
W14	3 32 28	21°34'12	26°42	0♐44	26°50	9°21	23° 2	18°53	6°21	25°31	6°23	0°11	1°29	17°29	3°14	W14
T 15	3 36 24	22°34'30	9♉ 7	2°17	28° 3	10° 7	23° 7	18°59	6°18	25°30	6°23	0° 4	1°26	17°36	3°11	T 15
F 16	3 40 21	23°34'50	21°46	3°49	29°16	10°52	23°13	19° 6	6°16	25°30	6°23	29♊58	1°23	17°43	3° 9	F 16
S 17	3 44 17	24°35'11	4♊37	5°21	0♑29	11°37	23°18	19°12	6°14	25°29	6°23	29°54	1°20	17°49	3° 6	S 17
S 18	3 48 14	25°35'34	17°40	6°52	1°42	12°23	23°24	19°19	6°12	25°28	6°22	29°52	1°17	17°56	3° 3	S 18
M19	3 52 10	26°35'59	0♋56	8°23	2°55	13° 9	23°30	19°25	6° 9	25°28	6°22	29°D51	1°14	18° 3	3° 1	M19
T 20	3 56 7	27°36'26	14°22	9°54	4° 8	13°54	23°36	19°31	6° 7	25°27	6°22	29°52	1°10	18°10	2°58	T 20
W21	4 0 4	28°36'54	28° 0	11°25	5°20	14°40	23°42	19°38	6° 5	25°27	6°21	29°53	1° 7	18°16	2°55	W21
T 22	4 4 0	29°37'24	11♌49	12°55	6°33	15°26	23°49	19°44	6° 3	25°26	6°21	29°55	1° 4	18°23	2°52	T 22
F 23	4 7 57	0♐37'56	25°48	14°25	7°46	16°11	23°56	19°50	6° 0	25°26	6°21	29°R56	1° 1	18°30	2°49	F 23
S 24	4 11 53	1°38'30	9♍56	15°55	8°58	16°57	24° 2	19°56	5°58	25°25	6°20	29°56	0°58	18°37	2°46	S 24
S 25	4 15 50	2°39'06	24°12	17°24	10°11	17°43	24° 9	20° 2	5°56	25°25	6°20	29°54	0°55	18°43	2°43	S 25
M26	4 19 46	3°39'43	8♎34	18°53	11°23	18°29	24°17	20° 8	5°54	25°24	6°19	29°51	0°51	18°50	2°40	M26
T 27	4 23 43	4°40'22	22°57	20°21	12°36	19°15	24°24	20°14	5°52	25°24	6°19	29°48	0°48	18°57	2°37	T 27
W28	4 27 39	5°41'03	7♏16	21°49	13°48	20° 1	24°31	20°20	5°50	25°24	6°18	29°44	0°45	19° 3	2°34	W28
T 29	4 31 36	6°41'45	21°27	23°17	15° 1	20°47	24°39	20°26	5°48	25°23	6°18	29°41	0°42	19°10	2°30	T 29
F 30	4 35 32	7♐42'29	5♐25	24♐44	16♑13	21♑33	24♒47	20♎32	5♉46	25♓23	6♌17	29♊38	0♋39	19♓17	2♋27	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	14s20	12s 5	3n47	14s36	0n15	23s15	1s11	24s47	1s22	15s 7	1s 4	4s46	2n14	13n19	0s30	2s50	1s14	22n14	3n42	23n25	23n24	10s 3	17n 8	6s14	
F 2	14 39	16 46	2 50	15 13	0 9	23 27	1 14	24 47	1 23	15 6	1 4	4 48	2 14	13 18	0 30	2 50	1 14	22 14	3 42	23 25	23 24	10 1	17 7	6 15	
S 3	14 58	20 23	1 43	15 49	0 2	23 39	1 16	24 47	1 23	15 5	1 4	4 51	2 14	13 18	0 30	2 50	1 14	22 14	3 42	23 25	23 24	9 59	17 7	6 15	
S 4	15 17	22 46	0 32	16 24	0s 5	23 50	1 19	24 47	1 23	15 4	1 4	4 53	2 14	13 17	0 30	2 51	1 14	22 14	3 42	23 25	23 24	9 56	17 6	6 16	
M 5	15 35	23 50	0s38	16 58	0 12	24 1	1 22	24 46	1 23	15 3	1 4	4 56	2 14	13 16	0 30	2 51	1 14	22 15	3 43	23 25	23 24	9 54	17 6	6 16	
T 6	15 53	23 36	1 44	17 32	0 18	24 11	1 24	24 45	1 23	15 2	1 4	4 58	2 14	13 15	0 30	2 52	1 14	22 15	3 43	23 25	23 24	9 51	17 5	6 17	
W 7	16 11	22 13	2 44	18 4	0 25	24 20	1 27	24 44	1 23	15 0	1 4	5 1	2 14	13 15	0 30	2 52	1 14	22 15	3 43	23 25	23 24	9 49	17 5	6 17	
T 8	16 29	19 49	3 36	18 36	0 32	24 29	1 29	24 42	1 23	14 59	1 3	5 3	2 15	13 14	0 30	2 52	1 14	22 15	3 43	23 25	23 24	9 47	17 5	6 18	
F 9	16 46	16 37	4 17	19 6	0 38	24 37	1 31	24 40	1 23	14 57	1 3	5 6	2 15	13 13	0 30	2 53	1 14	22 15	3 43	23 25	23 24	9 44	17 4	6 18	
S 10	17 3	12 46	4 47	19 36	0 45	24 44	1 34	24 38	1 23	14 56	1 3	5 8	2 15	13 12	0 30	2 53	1 14	22 15	3 43	23 25	23 24	9 42	17 4	6 19	
S 11	17 20	8 27	5 4	20 5	0 51	24 50	1 36	24 36	1 22	14 54	1 3	5 11	2 15	13 11	0 30	2 53	1 14	22 16	3 44	23 25	23 24	9 39	17 3	6 19	
M12	17 36	3 46	5 9	20 33	0 57	24 56	1 38	24 33	1 22	14 52	1 3	5 13	2 15	13 11	0 30	2 54	1 13	22 16	3 44	23 25	23 24	9 37	17 3	6 20	
T 13	17 52	1n 5	5 0	20 59	1 3	25 1	1 40	24 30	1 22	14 51	1 3	5 16	2 15	13 10	0 30	2 54	1 13	22 16	3 44	23 25	23 24	9 34	17 2	6 20	
W14	18 8	5 58	4 37	21 25	1 10	25 5	1 42	24 27	1 22	14 49	1 3	5 18	2 15	13 9	0 30	2 54	1 13	22 16	3 44	23 25	23 24	9 32	17 2	6 21	
T 15	18 24	10 43	4 1	21 50	1 15	25 9	1 45	24 24	1 22	14 47	1 3	5 20	2 15	13 8	0 30	2 54	1 13	22 16	3 44	23 25	23 24	9 30	17 2	6 21	
F 16	18 39	15 5	3 12	22 13	1 21	25 11	1 47	24 20	1 22	14 45	1 2	5 23	2 16	13 8	0 30	2 55	1 13	22 17	3 44	23 25	23 24	9 27	17 1	6 21	
S 17	18 54	18 51	2 13	22 36	1 27	25 13	1 48	24 16	1 22	14 43	1 2	5 25	2 16	13 7	0 30	2 55	1 13	22 17	3 45	23 25	23 24	9 25	17 1	6 22	
S 18	19 8	21 45	1 6	22 57	1 32	25 15	1 50	24 12	1 22	14 41	1 2	5 27	2 16	13 6	0 30	2 55	1 13	22 17	3 45	23 25	23 25	9 22	17 1	6 22	
M19	19 23	23 31	0n 6	23 17	1 38	25 15	1 52	24 7	1 22	14 39	1 2	5 29	2 16	13 5	0 30	2 55	1 13	22 17	3 45	23 25	23 25	9 20	17 0	6 23	
T 20	19 36	23 57	1 19	23 36	1 43	25 15	1 54	24 3	1 22	14 37	1 2	5 32	2 16	13 5	0 30	2 56	1 13	22 18	3 45	23 25	23 25	9 17	17 0	6 23	
W21	19 50	22 57	2 28	23 54	1 48	25 14	1 56	23 58	1 22	14 35	1 2	5 34	2 16	13 4	0 30	2 56	1 13	22 18	3 45	23 25	23 25	9 15	17 0	6 24	
T 22	20 3	20 35	3 30	24 11	1 52	25 12	1 57	23 52	1 22	14 32	1 2	5 36	2 17	13 3	0 30	2 56	1 13	22 18	3 45	23 25	23 25	9 12	16 59	6 24	
F 23	20 16	16 59	4 20	24 26	1 57	25 10	1 59	23 47	1 21	14 30	1 2	5 38	2 17	13 3	0 30	2 56	1 13	22 18	3 46	23 25	23 25	9 10	16 59	6 24	
S 24	20 28	12 23	4 55	24 40	2 1	25 7	2 0	23 41	1 21	14 28	1 1	5 40	2 17	13 2	0 30	2 56	1 13	22 19	3 46	23 25	23 25	9 8	16 59	6 25	
S 25	20 40	7 4	5 12	24 53	2 5	25 3	2 2	23 35	1 21	14 25	1 1	5 43	2 17	13 1	0 30	2 56	1 13	22 19	3 46	23 25	23 25	9 5	16 58	6 25	
M26	20 52	1 21	5 10	25 5	2 8	24 58	2 3	23 29	1 21	14 23	1 1	5 45	2 17	13 0	0 30	2 57	1 13	22 19	3 46	23 25	23 25	9 3	16 58	6 25	
T 27	21 3	4s27	4 48	25 15	2 12	24 53	2 4	23 22	1 21	14 20	1 1	5 47	2 17	13 0	0 30	2 57	1 13	22 19	3 46	23 25	23 25	9 0	16 58	6 26	
W28	21 14	10 0	4 9	25 24	2 15	24 47	2 5	23 15	1 21	14 18	1 1	5 49	2 18	12 59	0 30	2 57	1 13	22 20	3 46	23 25	23 25	8 58	16 57	6 26	
T 29	21 24	14 58	3 15	25 32	2 17	24 40	2 6	23 8	1 20	14 15	1 1	5 51	2 18	12 58	0 30	2 57	1 13	22 20	3 46	23 25	23 25	8 55	16 57	6 26	
F 30	21s34	19s 4	2n 9	25s38	2s20	24s32	2s 7	23s 1	1s20	14s12	1s 1	5s53	2n18	12n58	0s30	2s57	1s13	22n20	3n47	23n25	23n25	8s53	16n57	6s27	

Julian Day Number = 2520149.5, Delta T = 151.57 sec
Ecliptic obliquity = 23°24'53, Nutation = - 0°00'19, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°21'55, Lahiri = 26°28'55

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2187
geocentric

DECEMBER 2187 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 39 29	8♐43'14	19♐ 5	26♐10	17♑26	22♑19	24♒55	20♎38	5°R44	25°R23	6°R17	29°R37	0♋35	19♓24	2°R24	S 1
S 2	4 43 26	9°44'00	2♑25	27°36	18°38	23° 6	25° 3	20°43	5♉42	25♓23	6♌16	29°D37	0°32	19°30	2♋20	S 2
M 3	4 47 22	10°44'47	15°25	29° 0	19°50	23°52	25°11	20°49	5°40	25°23	6°15	29♊37	0°29	19°37	2°17	M 3
T 4	4 51 19	11°45'36	28° 5	0♑24	21° 3	24°38	25°19	20°55	5°38	25°23	6°15	29°39	0°26	19°44	2°13	T 4
W 5	4 55 15	12°46'25	10♒28	1°47	22°15	25°25	25°28	21° 0	5°36	25°23	6°14	29°40	0°23	19°50	2°10	W 5
T 6	4 59 12	13°47'16	22°36	3° 8	23°27	26°11	25°36	21° 5	5°35	25°22	6°13	29°41	0°20	19°57	2° 6	T 6
F 7	5 3 8	14°48'07	4♓35	4°28	24°39	26°57	25°45	21°11	5°33	25°D22	6°12	29°42	0°16	20° 4	2° 3	F 7
S 8	5 7 5	15°48'59	16°28	5°46	25°51	27°44	25°54	21°16	5°31	25°22	6°12	29°R43	0°13	20°11	1°59	S 8
S 9	5 11 2	16°49'52	28°20	7° 2	27° 3	28°30	26° 3	21°21	5°30	25°23	6°11	29°42	0°10	20°17	1°55	S 9
M10	5 14 58	17°50'45	10♈17	8°15	28°15	29°17	26°12	21°26	5°28	25°23	6°10	29°41	0° 7	20°24	1°52	M10
T 11	5 18 55	18°51'39	22°23	9°26	29°26	0♒ 4	26°22	21°32	5°26	25°23	6° 9	29°40	0° 4	20°31	1°48	T 11
W12	5 22 51	19°52'35	4♉40	10°34	0♒38	0°50	26°31	21°37	5°25	25°23	6° 8	29°39	0° 1	20°38	1°44	W12
T 13	5 26 48	20°53'30	17°14	11°38	1°50	1°37	26°41	21°41	5°23	25°23	6° 8	29°37	29♊57	20°44	1°41	T 13
F 14	5 30 44	21°54'27	0♊ 4	12°38	3° 1	2°23	26°50	21°46	5°22	25°23	6° 7	29°36	29°54	20°51	1°37	F 14
S 15	5 34 41	22°55'25	13°12	13°34	4°13	3°10	27° 0	21°51	5°20	25°24	6° 6	29°36	29°51	20°58	1°33	S 15
S 16	5 38 37	23°56'23	26°38	14°24	5°24	3°57	27°10	21°56	5°19	25°24	6° 5	29°D35	29°48	21° 4	1°29	S 16
M17	5 42 34	24°57'22	10♋20	15° 7	6°35	4°44	27°20	22° 0	5°18	25°24	6° 4	29°35	29°45	21°11	1°26	M17
T 18	5 46 31	25°58'22	24°15	15°44	7°47	5°30	27°31	22° 5	5°16	25°25	6° 3	29°36	29°41	21°18	1°22	T 18
W19	5 50 27	26°59'23	8♌20	16°13	8°58	6°17	27°41	22° 9	5°15	25°25	6° 2	29°36	29°38	21°25	1°18	W19
T 20	5 54 24	28° 0'25	22°31	16°33	10° 9	7° 4	27°51	22°14	5°14	25°26	6° 1	29°36	29°35	21°31	1°14	T 20
F 21	5 58 20	29° 1'27	6♍45	16°R43	11°20	7°51	28° 2	22°18	5°13	25°26	6° 0	29°36	29°32	21°38	1°10	F 21
S 22	6 2 17	0♑ 2'31	21° 0	16°43	12°31	8°38	28°12	22°22	5°11	25°27	5°59	29°R36	29°29	21°45	1° 6	S 22
S 23	6 6 13	1° 3'35	5♎11	16°32	13°41	9°25	28°23	22°26	5°10	25°27	5°58	29°D36	29°26	21°51	1° 2	S 23
M24	6 10 10	2° 4'40	19°18	16° 9	14°52	10°12	28°34	22°30	5° 9	25°28	5°57	29°36	29°22	21°58	0°59	M24
T 25	6 14 6	3° 5'47	3♏18	15°34	16° 3	10°59	28°45	22°34	5° 8	25°28	5°56	29°37	29°19	22° 5	0°55	T 25
W26	6 18 3	4° 6'53	17° 9	14°48	17°13	11°46	28°56	22°38	5° 7	25°29	5°55	29°37	29°16	22°12	0°51	W26
T 27	6 22 0	5° 8'01	0♐50	13°52	18°23	12°33	29° 7	22°42	5° 6	25°30	5°53	29°38	29°13	22°18	0°47	T 27
F 28	6 25 56	6° 9'09	14°19	12°45	19°34	13°20	29°19	22°46	5° 6	25°30	5°52	29°38	29°10	22°25	0°43	F 28
S 29	6 29 53	7°10'18	27°36	11°32	20°44	14° 7	29°30	22°49	5° 5	25°31	5°51	29°R38	29° 7	22°32	0°39	S 29
S 30	6 33 49	8°11'27	10♑38	10°13	21°54	14°54	29°41	22°53	5° 4	25°32	5°50	29°38	29° 3	22°39	0°36	S 30
M31	6 37 46	9♑12'37	23♑25	8♑51	23♒ 4	15♒41	29♒53	22♎56	5♉ 3	25♓33	5♌49	29♊37	29♊ 0	22♓45	0♋32	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s44	22s 0	0n58	25s43	2s22	24s24	2s 8	22s53	1s20	14s 9	1s 1	5s55	2n18	12n57	0s30	2s57	1s13	22n21	3n47	23n25	23n25	8s50	16n57	6s27
S 2	21 53	23 39	0s16	25 47	2 23	24 15	2 9	22 45	1 20	14 7	1 1	5 57	2 18	12 57	0 30	2 57	1 13	22 21	3 47	23 25	23 25	8 48	16 56	6 27
M 3	22 2	23 57	1 26	25 49	2 24	24 5	2 10	22 37	1 20	14 4	1 0	5 59	2 18	12 56	0 30	2 57	1 13	22 21	3 47	23 25	23 25	8 45	16 56	6 28
T 4	22 10	22 59	2 31	25 50	2 25	23 55	2 11	22 29	1 19	14 1	1 0	6 1	2 19	12 55	0 30	2 57	1 13	22 22	3 47	23 25	23 25	8 43	16 56	6 28
W 5	22 18	20 55	3 27	25 49	2 25	23 44	2 11	22 20	1 19	13 58	1 0	6 3	2 19	12 55	0 30	2 57	1 13	22 22	3 47	23 25	23 25	8 40	16 56	6 28
T 6	22 26	17 56	4 12	25 47	2 24	23 32	2 12	22 11	1 19	13 55	1 0	6 4	2 19	12 54	0 29	2 57	1 13	22 22	3 48	23 25	23 25	8 38	16 55	6 29
F 7	22 33	14 16	4 46	25 43	2 23	23 20	2 12	22 2	1 19	13 52	1 0	6 6	2 19	12 54	0 29	2 57	1 13	22 23	3 48	23 25	23 25	8 35	16 55	6 29
S 8	22 40	10 4	5 8	25 39	2 21	23 7	2 12	21 52	1 18	13 49	1 0	6 8	2 19	12 53	0 29	2 57	1 13	22 23	3 48	23 25	23 25	8 33	16 55	6 29
S 9	22 46	5 30	5 16	25 32	2 19	22 53	2 12	21 43	1 18	13 46	1 0	6 10	2 20	12 53	0 29	2 57	1 13	22 23	3 48	23 25	23 25	8 30	16 55	6 29
M10	22 52	0 42	5 11	25 25	2 16	22 39	2 12	21 33	1 18	13 42	1 0	6 11	2 20	12 52	0 29	2 57	1 13	22 24	3 48	23 25	23 25	8 28	16 55	6 30
T 11	22 57	4n11	4 52	25 16	2 12	22 24	2 12	21 23	1 18	13 39	1 0	6 13	2 20	12 52	0 29	2 57	1 13	22 24	3 48	23 25	23 25	8 25	16 54	6 30
W12	23 2	8 59	4 19	25 6	2 7	22 9	2 12	21 12	1 17	13 36	0 59	6 15	2 20	12 51	0 29	2 57	1 13	22 24	3 48	23 25	23 25	8 23	16 54	6 30
T 13	23 6	13 32	3 34	24 55	2 1	21 53	2 12	21 2	1 17	13 32	0 59	6 16	2 20	12 51	0 29	2 56	1 13	22 25	3 49	23 25	23 25	8 20	16 54	6 30
F 14	23 10	17 36	2 36	24 43	1 54	21 36	2 12	20 51	1 17	13 29	0 59	6 18	2 21	12 50	0 29	2 56	1 12	22 25	3 49	23 25	23 25	8 18	16 54	6 30
S 15	23 14	20 53	1 30	24 30	1 47	21 19	2 11	20 40	1 16	13 26	0 59	6 20	2 21	12 50	0 29	2 56	1 12	22 25	3 49	23 25	23 25	8 15	16 54	6 31
S 16	23 17	23 6	0 16	24 16	1 38	21 1	2 11	20 29	1 16	13 22	0 59	6 21	2 21	12 49	0 29	2 56	1 12	22 26	3 49	23 25	23 25	8 12	16 54	6 31
M17	23 19	24 0	0n59	24 1	1 28	20 42	2 10	20 17	1 16	13 18	0 59	6 23	2 21	12 49	0 29	2 56	1 12	22 26	3 49	23 25	23 25	8 10	16 54	6 31
T 18	23 21	23 25	2 13	23 45	1 17	20 23	2 9	20 6	1 15	13 15	0 59	6 24	2 22	12 48	0 29	2 56	1 12	22 26	3 49	23 25	23 25	8 7	16 53	6 31
W19	23 23	21 22	3 19	23 30	1 4	20 4	2 8	19 54	1 15	13 11	0 59	6 26	2 22	12 48	0 29	2 56	1 12	22 27	3 49	23 25	23 25	8 5	16 53	6 31
T 20	23 24	17 59	4 13	23 13	0 50	19 44	2 8	19 42	1 15	13 8	0 59	6 27	2 22	12 48	0 29	2 55	1 12	22 27	3 50	23 25	23 25	8 2	16 53	6 31
F 21	23 25	13 33	4 52	22 57	0 35	19 23	2 6	19 29	1 14	13 4	0 59	6 28	2 22	12 47	0 29	2 55	1 12	22 28	3 50	23 25	23 25	8 0	16 53	6 31
S 22	23 25	8 22	5 14	22 41	0 19	19 2	2 5	19 17	1 14	13 0	0 59	6 30	2 22	12 47	0 29	2 55	1 12	22 28	3 50	23 25	23 25	7 57	16 53	6 32
S 23	23 25	2 46	5 16	22 25	0 1	18 41	2 4	19 4	1 14	12 56	0 59	6 31	2 23	12 47	0 29	2 55	1 12	22 28	3 50	23 25	23 25	7 55	16 53	6 32
M24	23 24	2s56	4 59	22 9	0n17	18 19	2 3	18 51	1 13	12 52	0 58	6 32	2 23	12 46	0 29	2 54	1 12	22 29	3 50	23 25	23 25	7 52	16 53	6 32
T 25	23 23	8 27	4 24	21 54	0 36	17 56	2 1	18 38	1 13	12 49	0 58	6 33	2 23	12 46	0 29	2 54	1 12	22 29	3 50	23 25	23 25	7 50	16 53	6 32
W26	23 21	13 30	3 34	21 40	0 56	17 33	1 59	18 24	1 13	12 45	0 58	6 35	2 23	12 46	0 29	2 54	1 12	22 30	3 50	23 25	23 25	7 47	16 53	6 32
T 27	23 19	17 48	2 33	21 26	1 16	17 10	1 58	18 11	1 12	12 41	0 58	6 36	2 24	12 45	0 29	2 54	1 12	22 30	3 50	23 25	23 25	7 44	16 53	6 32
F 28	23 16	21 6	1 24	21 13	1 35	16 46	1 56	17 57	1 12	12 37	0 58	6 37	2 24	12 45	0 29	2 53	1 12	22 30	3 51	23 25	23 25	7 42	16 53	6 32
S 29	23 13	23 12	0 11	21 1	1 54	16 22	1 54	17 43	1 11	12 33	0 58	6 38	2 24	12 45	0 29	2 53	1 12	22 31	3 51	23 25	23 25	7 39	16 53	6 32
S 30	23 10	24 0	1s 1	20 50	2 11	15 57	1 52	17 29	1 11	12 28	0 58	6 39	2 24	12 45	0 29	2 53	1 12	22 31	3 51	23 25	23 25	7 37	16 53	6 32
M31	23s 6	23s29	2s 8	20s40	2n27	15s32	1s49	17s15	1s11	12s24	0s58	6s40	2n25	12n44	0s29	2s52	1s12	22n32	3n51	23n25	23n25	7s34	16n53	6s32

Julian Day Number = 2520179.5, Delta T = 151.65 sec
Ecliptic obliquity = 23°24'53, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°21'59, Lahiri = 26°28'59

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2188
geocentric

JANUARY 2188 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 41 42	10♑13'46	5♒58	7°R29	24♒13	16♒28	0♓ 5	23♎ 0	5°R 3	25♓33	5°R48	29°R36	28♊57	22♓52	0°R28	T 1
W 2	6 45 39	11°14'56	18°17	6♑10	25°23	17°15	0°17	23° 3	5♉ 2	25°34	5♌46	29♊35	28°54	22°59	0♋24	W 2
T 3	6 49 36	12°16'06	0♓25	4°56	26°32	18° 2	0°28	23° 6	5° 2	25°35	5°45	29°33	28°51	23° 5	0°20	T 3
F 4	6 53 32	13°17'15	12°23	3°49	27°42	18°50	0°40	23° 9	5° 1	25°36	5°44	29°31	28°47	23°12	0°17	F 4
S 5	6 57 29	14°18'24	24°16	2°50	28°51	19°37	0°52	23°12	5° 1	25°37	5°43	29°29	28°44	23°19	0°13	S 5
S 6	7 1 25	15°19'34	6♈ 8	2° 1	29°59	20°24	1° 5	23°15	5° 0	25°38	5°42	29°28	28°41	23°26	0° 9	S 6
M 7	7 5 22	16°20'43	18° 4	1°23	1♓ 9	21°11	1°17	23°17	5° 0	25°39	5°40	29°D28	28°38	23°32	0° 6	M 7
T 8	7 9 18	17°21'51	0♉ 7	0°54	2°17	21°58	1°29	23°20	5° 0	25°40	5°39	29°28	28°35	23°39	0° 2	T 8
W 9	7 13 15	18°23'00	12°23	0°36	3°26	22°45	1°41	23°23	4°59	25°41	5°38	29°30	28°32	23°46	29♊58	W 9
T 10	7 17 11	19°24'08	24°56	0°D28	4°34	23°33	1°54	23°25	4°59	25°43	5°36	29°31	28°28	23°52	29°55	T 10
F 11	7 21 8	20°25'16	7♊49	0°28	5°42	24°20	2° 6	23°27	4°59	25°44	5°35	29°33	28°25	23°59	29°51	F 11
S 12	7 25 4	21°26'23	21° 6	0°38	6°50	25° 7	2°19	23°30	4°59	25°45	5°34	29°34	28°22	24° 6	29°48	S 12
S 13	7 29 1	22°27'31	4♋47	0°54	7°58	25°54	2°32	23°32	4°D59	25°46	5°33	29°R34	28°19	24°13	29°44	S 13
M14	7 32 58	23°28'37	18°50	1°19	9° 6	26°41	2°44	23°34	4°59	25°47	5°31	29°33	28°16	24°19	29°41	M14
T 15	7 36 54	24°29'44	3♌12	1°49	10°13	27°29	2°57	23°36	4°59	25°49	5°30	29°30	28°13	24°26	29°37	T 15
W16	7 40 51	25°30'50	17°47	2°26	11°20	28°16	3°10	23°38	4°59	25°50	5°29	29°27	28° 9	24°33	29°34	W16
T 17	7 44 47	26°31'56	2♍29	3° 7	12°27	29° 3	3°23	23°39	4°59	25°51	5°27	29°23	28° 6	24°40	29°31	T 17
F 18	7 48 44	27°33'02	17°10	3°54	13°33	29°50	3°36	23°41	4°59	25°53	5°26	29°19	28° 3	24°46	29°27	F 18
S 19	7 52 40	28°34'07	1♎43	4°44	14°40	0♓37	3°49	23°42	5° 0	25°54	5°25	29°16	28° 0	24°53	29°24	S 19
S 20	7 56 37	29°35'13	16° 5	5°39	15°46	1°25	4° 2	23°44	5° 0	25°56	5°23	29°14	27°57	25° 0	29°21	S 20
M21	8 0 34	0♒36'18	0♏11	6°37	16°52	2°12	4°16	23°45	5° 0	25°57	5°22	29°D13	27°53	25° 6	29°18	M21
T 22	8 4 30	1°37'23	14° 1	7°38	17°58	2°59	4°29	23°46	5° 1	25°59	5°21	29°13	27°50	25°13	29°15	T 22
W23	8 8 27	2°38'28	27°34	8°42	19° 3	3°46	4°42	23°48	5° 1	26° 0	5°19	29°15	27°47	25°20	29°12	W23
T 24	8 12 23	3°39'32	10♐53	9°48	20° 8	4°33	4°56	23°49	5° 2	26° 2	5°18	29°16	27°44	25°27	29° 9	T 24
F 25	8 16 20	4°40'36	23°57	10°56	21°13	5°21	5° 9	23°49	5° 3	26° 3	5°17	29°R18	27°41	25°33	29° 6	F 25
S 26	8 20 16	5°41'40	6♑49	12° 7	22°18	6° 8	5°23	23°50	5° 3	26° 5	5°15	29°17	27°38	25°40	29° 3	S 26
S 27	8 24 13	6°42'43	19°30	13°20	23°22	6°55	5°36	23°51	5° 4	26° 6	5°14	29°15	27°34	25°47	29° 0	S 27
M28	8 28 9	7°43'46	2♒ 0	14°34	24°26	7°42	5°50	23°51	5° 5	26° 8	5°13	29°12	27°31	25°54	28°57	M28
T 29	8 32 6	8°44'47	14°20	15°50	25°30	8°29	6° 3	23°52	5° 5	26°10	5°11	29° 6	27°28	26° 0	28°55	T 29
W30	8 36 3	9°45'48	26°31	17° 7	26°33	9°16	6°17	23°52	5° 6	26°11	5°10	28°58	27°25	26° 7	28°52	W30
T 31	8 39 59	10♒46'48	8♓34	18♑26	27♓36	10♓ 3	6♓31	23♎52	5♉ 7	26♓13	5♌ 8	28♊50	27♊22	26♓14	28♊50	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s 1	21s48	3s 8	20s32	2n41	15s 7	1s47	17s 0	1s10	12s20	0s58	6s41	2n25	12n44	0s29	2s52	1s12	22n32	3n51	23n25	23n25	7s32	16n53	6s32
W 2	22 56	19 6	3 58	20 24	2 52	14 41	1 45	16 45	1 10	12 16	0 58	6 42	2 25	12 44	0 29	2 51	1 12	22 32	3 51	23 25	23 25	7 29	16 53	6 32
T 3	22 51	15 37	4 36	20 19	3 1	14 15	1 42	16 30	1 9	12 12	0 58	6 43	2 25	12 44	0 29	2 51	1 12	22 33	3 51	23 25	23 25	7 26	16 53	6 32
F 4	22 45	11 33	5 2	20 14	3 7	13 49	1 39	16 15	1 9	12 7	0 58	6 44	2 26	12 44	0 29	2 51	1 12	22 33	3 51	23 25	23 25	7 24	16 53	6 32
S 5	22 39	7 5	5 14	20 12	3 11	13 22	1 37	16 0	1 8	12 3	0 58	6 45	2 26	12 44	0 29	2 50	1 12	22 34	3 52	23 25	23 25	7 21	16 53	6 32
S 6	22 32	2 22	5 14	20 11	3 13	12 55	1 34	15 45	1 8	11 59	0 58	6 45	2 26	12 44	0 29	2 50	1 12	22 34	3 52	23 25	23 24	7 19	16 53	6 32
M 7	22 25	2n28	4 59	20 12	3 12	12 28	1 31	15 29	1 8	11 54	0 57	6 46	2 27	12 44	0 29	2 49	1 12	22 35	3 52	23 25	23 24	7 16	16 53	6 32
T 8	22 17	7 15	4 32	20 15	3 10	12 1	1 28	15 14	1 7	11 50	0 57	6 47	2 27	12 43	0 29	2 49	1 12	22 35	3 52	23 25	23 24	7 14	16 53	6 32
W 9	22 9	11 51	3 52	20 18	3 6	11 33	1 24	14 58	1 7	11 45	0 57	6 48	2 27	12 43	0 29	2 48	1 12	22 35	3 52	23 25	23 24	7 11	16 53	6 32
T 10	22 1	16 5	2 59	20 24	3 1	11 5	1 21	14 42	1 6	11 41	0 57	6 48	2 27	12 43	0 28	2 48	1 12	22 36	3 52	23 25	23 24	7 8	16 53	6 31
F 11	21 52	19 40	1 57	20 30	2 55	10 37	1 17	14 26	1 6	11 36	0 57	6 49	2 28	12 43	0 28	2 47	1 12	22 36	3 52	23 25	23 24	7 6	16 54	6 31
S 12	21 43	22 21	0 46	20 37	2 48	10 8	1 14	14 10	1 5	11 32	0 57	6 49	2 28	12 43	0 28	2 47	1 12	22 37	3 52	23 25	23 24	7 3	16 54	6 31
S 13	21 33	23 48	0n29	20 45	2 40	9 39	1 10	13 53	1 5	11 27	0 57	6 50	2 28	12 43	0 28	2 46	1 12	22 37	3 52	23 25	23 24	7 0	16 54	6 31
M14	21 23	23 49	1 44	20 53	2 32	9 11	1 6	13 37	1 4	11 23	0 57	6 50	2 28	12 43	0 28	2 46	1 11	22 37	3 52	23 25	23 24	6 58	16 54	6 31
T 15	21 12	22 15	2 54	21 1	2 23	8 41	1 2	13 20	1 4	11 18	0 57	6 51	2 29	12 43	0 28	2 45	1 11	22 38	3 53	23 25	23 24	6 55	16 54	6 31
W16	21 1	19 12	3 54	21 10	2 14	8 12	0 58	13 3	1 3	11 13	0 57	6 51	2 29	12 44	0 28	2 45	1 11	22 38	3 53	23 25	23 24	6 53	16 54	6 31
T 17	20 50	14 55	4 39	21 19	2 4	7 43	0 54	12 46	1 3	11 8	0 57	6 52	2 29	12 44	0 28	2 44	1 11	22 39	3 53	23 25	23 24	6 50	16 54	6 31
F 18	20 38	9 45	5 6	21 27	1 54	7 13	0 50	12 29	1 2	11 4	0 57	6 52	2 29	12 44	0 28	2 44	1 11	22 39	3 53	23 25	23 24	6 47	16 55	6 30
S 19	20 26	4 6	5 13	21 35	1 45	6 44	0 45	12 12	1 2	10 59	0 57	6 52	2 30	12 44	0 28	2 43	1 11	22 40	3 53	23 25	23 24	6 45	16 55	6 30
S 20	20 13	1s42	5 0	21 43	1 35	6 14	0 41	11 55	1 1	10 54	0 57	6 53	2 30	12 44	0 28	2 43	1 11	22 40	3 53	23 25	23 24	6 42	16 55	6 30
M21	20 0	7 20	4 28	21 50	1 25	5 44	0 36	11 38	1 1	10 49	0 57	6 53	2 30	12 44	0 28	2 42	1 11	22 40	3 53	23 25	23 24	6 40	16 55	6 30
T 22	19 47	12 29	3 42	21 56	1 16	5 14	0 31	11 20	1 0	10 44	0 57	6 53	2 31	12 44	0 28	2 41	1 11	22 41	3 53	23 25	23 24	6 37	16 55	6 30
W23	19 33	16 56	2 45	22 2	1 6	4 44	0 26	11 2	1 0	10 39	0 57	6 53	2 31	12 45	0 28	2 41	1 11	22 41	3 53	23 25	23 24	6 34	16 55	6 29
T 24	19 19	20 25	1 39	22 7	0 56	4 14	0 21	10 45	0 59	10 35	0 57	6 53	2 31	12 45	0 28	2 40	1 11	22 42	3 53	23 25	23 24	6 32	16 56	6 29
F 25	19 4	22 48	0 29	22 11	0 47	3 44	0 16	10 27	0 58	10 30	0 57	6 53	2 31	12 45	0 28	2 39	1 11	22 42	3 53	23 25	23 24	6 29	16 56	6 29
S 26	18 50	23 55	0s41	22 14	0 38	3 13	0 11	10 9	0 58	10 25	0 57	6 53	2 32	12 45	0 28	2 39	1 11	22 42	3 53	23 25	23 24	6 26	16 56	6 29
S 27	18 35	23 47	1 48	22 17	0 28	2 43	0 6	9 51	0 57	10 20	0 57	6 53	2 32	12 45	0 28	2 38	1 11	22 43	3 53	23 25	23 24	6 24	16 56	6 28
M28	18 19	22 26	2 48	22 18	0 20	2 13	0 0	9 33	0 57	10 15	0 57	6 53	2 32	12 46	0 28	2 37	1 11	22 43	3 54	23 25	23 24	6 21	16 57	6 28
T 29	18 3	20 1	3 40	22 18	0 11	1 42	0n 5	9 15	0 56	10 9	0 57	6 53	2 33	12 46	0 28	2 37	1 11	22 44	3 54	23 25	23 23	6 18	16 57	6 28
W30	17 47	16 45	4 21	22 17	0 2	1 12	0 11	8 57	0 56	10 4	0 57	6 53	2 33	12 46	0 28	2 36	1 11	22 44	3 54	23 25	23 23	6 16	16 57	6 28
T 31	17s31	12s49	4s49	22s15	0s 6	0s42	0n17	8s38	0s55	9s59	0s57	6s53	2n33	12n47	0s28	2s35	1s11	22n44	3n54	23n25	23n23	6s13	16n57	6s27

Julian Day Number = 2520210.5, Delta T = 151.72 sec
Ecliptic obliquity = 23°24'53, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°22'03, Lahiri = 26°29'03

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2188
geocentric

FEBRUARY 2188 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 43 56	11♒47'46	20♓31	19♑46	28♓38	10♓51	6♓45	23♎53	5♉ 8	26♓15	5°R 7	28°R41	27♊19	26♓20	28°R47	F 1
S 2	8 47 52	12°48'44	2♈23	21° 7	29°41	11°38	6°59	23°R53	5° 9	26°17	5♌ 6	28♊34	27°15	26°27	28♊45	S 2
S 3	8 51 49	13°49'40	14°14	22°29	0♈43	12°25	7°12	23°53	5°10	26°18	5° 4	28°28	27°12	26°34	28°42	S 3
M 4	8 55 45	14°50'36	26° 7	23°52	1°44	13°12	7°26	23°52	5°11	26°20	5° 3	28°23	27° 9	26°41	28°40	M 4
T 5	8 59 42	15°51'30	8♉ 7	25°17	2°45	13°59	7°40	23°52	5°12	26°22	5° 2	28°21	27° 6	26°47	28°38	T 5
W 6	9 3 38	16°52'22	20°18	26°42	3°46	14°46	7°54	23°52	5°14	26°24	5° 0	28°D21	27° 3	26°54	28°36	W 6
T 7	9 7 35	17°53'14	2♊46	28° 8	4°46	15°33	8° 8	23°51	5°15	26°26	4°59	28°22	26°59	27° 1	28°34	T 7
F 8	9 11 32	18°54'04	15°35	29°35	5°46	16°20	8°23	23°51	5°16	26°28	4°58	28°23	26°56	27° 7	28°32	F 8
S 9	9 15 28	19°54'52	28°49	1♒ 3	6°45	17° 7	8°37	23°50	5°18	26°29	4°57	28°R24	26°53	27°14	28°30	S 9
S 10	9 19 25	20°55'40	12♋32	2°32	7°44	17°54	8°51	23°49	5°19	26°31	4°55	28°23	26°50	27°21	28°28	S 10
M11	9 23 21	21°56'26	26°42	4° 2	8°42	18°41	9° 5	23°48	5°20	26°33	4°54	28°20	26°47	27°28	28°26	M11
T 12	9 27 18	22°57'10	11♌19	5°33	9°40	19°28	9°19	23°47	5°22	26°35	4°53	28°14	26°44	27°34	28°24	T 12
W13	9 31 14	23°57'53	26°15	7° 4	10°37	20°14	9°33	23°46	5°23	26°37	4°51	28° 6	26°40	27°41	28°23	W13
T 14	9 35 11	24°58'35	11♍22	8°36	11°34	21° 1	9°48	23°45	5°25	26°39	4°50	27°58	26°37	27°48	28°21	T 14
F 15	9 39 7	25°59'15	26°30	10°10	12°30	21°48	10° 2	23°43	5°27	26°41	4°49	27°48	26°34	27°55	28°20	F 15
S 16	9 43 4	26°59'54	11♎29	11°43	13°25	22°35	10°16	23°42	5°28	26°43	4°48	27°40	26°31	28° 1	28°18	S 16
S 17	9 47 1	28° 0'33	26°10	13°18	14°20	23°22	10°31	23°40	5°30	26°45	4°46	27°34	26°28	28° 8	28°17	S 17
M18	9 50 57	29° 1'10	10♏28	14°54	15°14	24° 8	10°45	23°39	5°32	26°47	4°45	27°30	26°25	28°15	28°16	M18
T 19	9 54 54	0♓ 1'46	24°22	16°31	16° 8	24°55	10°59	23°37	5°34	26°49	4°44	27°D29	26°21	28°21	28°15	T 19
W20	9 58 50	1° 2'20	7♐53	18° 8	17° 1	25°42	11°14	23°35	5°36	26°52	4°43	27°29	26°18	28°28	28°14	W20
T 21	10 2 47	2° 2'54	21° 1	19°46	17°53	26°28	11°28	23°33	5°37	26°54	4°42	27°R29	26°15	28°35	28°13	T 21
F 22	10 6 43	3° 3'26	3♑52	21°25	18°44	27°15	11°42	23°31	5°39	26°56	4°40	27°29	26°12	28°42	28°12	F 22
S 23	10 10 40	4° 3'58	16°27	23° 6	19°35	28° 2	11°57	23°29	5°41	26°58	4°39	27°27	26° 9	28°48	28°11	S 23
S 24	10 14 36	5° 4'27	28°51	24°47	20°25	28°48	12°11	23°27	5°43	27° 0	4°38	27°23	26° 5	28°55	28°10	S 24
M25	10 18 33	6° 4'56	11♒ 6	26°29	21°14	29°35	12°26	23°24	5°45	27° 2	4°37	27°16	26° 2	29° 2	28° 9	M25
T 26	10 22 30	7° 5'23	23°13	28°12	22° 2	0♈21	12°40	23°22	5°48	27° 4	4°36	27° 6	25°59	29° 9	28° 9	T 26
W27	10 26 26	8° 5'48	5♓14	29°55	22°49	1° 8	12°55	23°20	5°50	27° 6	4°35	26°53	25°56	29°15	28° 8	W27
T 28	10 30 23	9° 6'11	17°11	1♓40	23°36	1°54	13° 9	23°17	5°52	27° 9	4°34	26°40	25°53	29°22	28° 8	T 28
F 29	10 34 19	10♓ 6'33	29♓ 5	3♓26	24♈21	2♈41	13♓24	23♎14	5♉54	27♓11	4♌33	26♊25	25♊50	29♓29	28♊ 8	F 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	17s14	8s26	5s 5	22s12	0s14	0s12	0n23	8s20	0s55	9s54	0s57	6s53	2n33	12n47	0s28	2s35	1s11	22n45	3n54	23n25	23n23	6s10	16n58	6s27	F 1
S 2	16 57	3 45	5 7	22 8	0 22	0n19	0 29	8 2	0 54	9 49	0 57	6 52	2 34	12 47	0 28	2 34	1 11	22 45	3 54	23 24	23 23	6 8	16 58	6 27	S 2
S 3	16 40	1n 3	4 57	22 2	0 30	0 49	0 35	7 43	0 53	9 44	0 57	6 52	2 34	12 48	0 28	2 33	1 11	22 46	3 54	23 24	23 23	6 5	16 58	6 26	S 3
M 4	16 22	5 50	4 33	21 55	0 37	1 19	0 41	7 25	0 53	9 39	0 57	6 52	2 34	12 48	0 28	2 32	1 11	22 46	3 54	23 24	23 23	6 2	16 58	6 26	M 4
T 5	16 4	10 27	3 57	21 48	0 45	1 49	0 47	7 6	0 52	9 33	0 57	6 51	2 34	12 49	0 28	2 32	1 11	22 46	3 54	23 24	23 23	6 0	16 59	6 26	T 5
W 6	15 46	14 45	3 10	21 38	0 52	2 19	0 54	6 47	0 52	9 28	0 57	6 51	2 35	12 49	0 28	2 31	1 11	22 47	3 54	23 24	23 23	5 57	16 59	6 25	W 6
T 7	15 27	18 30	2 14	21 28	0 58	2 49	1 0	6 29	0 51	9 23	0 57	6 51	2 35	12 49	0 28	2 30	1 11	22 47	3 54	23 24	23 23	5 54	16 59	6 25	T 7
F 8	15 9	21 30	1 8	21 16	1 5	3 18	1 7	6 10	0 50	9 18	0 57	6 50	2 35	12 50	0 28	2 29	1 11	22 47	3 54	23 24	23 23	5 52	17 0	6 25	F 8
S 9	14 50	23 27	0n 2	21 3	1 11	3 48	1 13	5 51	0 50	9 12	0 57	6 50	2 36	12 50	0 28	2 29	1 11	22 48	3 54	23 24	23 23	5 49	17 0	6 24	S 9
S 10	14 30	24 4	1 15	20 49	1 17	4 17	1 20	5 32	0 49	9 7	0 57	6 49	2 36	12 51	0 28	2 28	1 11	22 48	3 54	23 24	23 23	5 46	17 0	6 24	S 10
M11	14 11	23 11	2 26	20 34	1 23	4 47	1 27	5 13	0 49	9 2	0 57	6 48	2 36	12 51	0 27	2 27	1 11	22 49	3 54	23 24	23 23	5 44	17 1	6 24	M11
T 12	13 51	20 43	3 29	20 17	1 28	5 16	1 34	4 54	0 48	8 56	0 57	6 48	2 36	12 52	0 27	2 26	1 11	22 49	3 54	23 24	23 22	5 41	17 1	6 23	T 12
W13	13 31	16 49	4 19	19 59	1 33	5 45	1 41	4 35	0 47	8 51	0 57	6 47	2 37	12 52	0 27	2 26	1 11	22 49	3 54	23 24	23 22	5 38	17 1	6 23	W13
T 14	13 11	11 47	4 52	19 40	1 38	6 13	1 48	4 16	0 47	8 46	0 57	6 47	2 37	12 53	0 27	2 25	1 11	22 50	3 54	23 24	23 22	5 36	17 2	6 23	T 14
F 15	12 51	6 3	5 4	19 19	1 42	6 42	1 55	3 57	0 46	8 40	0 57	6 46	2 37	12 54	0 27	2 24	1 11	22 50	3 54	23 24	23 22	5 33	17 2	6 22	F 15
S 16	12 30	0 0	4 56	18 57	1 46	7 10	2 2	3 38	0 45	8 35	0 57	6 45	2 37	12 54	0 27	2 23	1 11	22 50	3 54	23 24	23 22	5 30	17 2	6 22	S 16
S 17	12 9	5s56	4 28	18 34	1 50	7 38	2 10	3 19	0 45	8 30	0 57	6 44	2 38	12 55	0 27	2 22	1 11	22 51	3 54	23 24	23 22	5 28	17 3	6 21	S 17
M18	11 48	11 24	3 43	18 9	1 53	8 6	2 17	3 0	0 44	8 24	0 57	6 43	2 38	12 55	0 27	2 21	1 11	22 51	3 55	23 23	23 22	5 25	17 3	6 21	M18
T 19	11 27	16 9	2 47	17 43	1 56	8 34	2 25	2 41	0 44	8 19	0 57	6 43	2 38	12 56	0 27	2 21	1 11	22 51	3 55	23 23	23 22	5 22	17 4	6 21	T 19
W20	11 6	19 55	1 43	17 16	1 59	9 1	2 32	2 22	0 43	8 13	0 57	6 42	2 38	12 57	0 27	2 20	1 11	22 52	3 55	23 23	23 22	5 20	17 4	6 20	W20
T 21	10 44	22 32	0 34	16 48	2 2	9 28	2 40	2 3	0 42	8 8	0 57	6 41	2 39	12 57	0 27	2 19	1 11	22 52	3 55	23 23	23 22	5 17	17 4	6 20	T 21
F 22	10 22	23 55	0s34	16 18	2 4	9 55	2 48	1 44	0 42	8 2	0 57	6 40	2 39	12 58	0 27	2 18	1 11	22 52	3 55	23 23	23 22	5 14	17 5	6 19	F 22
S 23	10 1	24 3	1 39	15 47	2 5	10 22	2 55	1 25	0 41	7 57	0 57	6 39	2 39	12 59	0 27	2 17	1 11	22 52	3 55	23 23	23 22	5 11	17 5	6 19	S 23
S 24	9 38	22 57	2 38	15 14	2 7	10 48	3 3	1 6	0 40	7 51	0 57	6 38	2 39	12 59	0 27	2 16	1 11	22 53	3 55	23 23	23 21	5 9	17 6	6 19	S 24
M25	9 16	20 47	3 29	14 40	2 7	11 14	3 11	0 46	0 40	7 46	0 57	6 37	2 40	13 0	0 27	2 16	1 11	22 53	3 55	23 23	23 21	5 6	17 6	6 18	M25
T 26	8 54	17 42	4 10	14 5	2 8	11 39	3 19	0 27	0 39	7 40	0 57	6 35	2 40	13 1	0 27	2 15	1 11	22 53	3 55	23 23	23 21	5 3	17 6	6 18	T 26
W27	8 32	13 55	4 40	13 29	2 8	12 4	3 27	0 8	0 38	7 35	0 57	6 34	2 40	13 2	0 27	2 14	1 11	22 54	3 55	23 23	23 21	5 1	17 7	6 17	W27
T 28	8 9	9 36	4 56	12 51	2 7	12 29	3 35	0n11	0 38	7 29	0 57	6 33	2 40	13 2	0 27	2 13	1 11	22 54	3 55	23 22	23 21	4 58	17 7	6 17	T 28
F 29	7s46	4s57	5s 0	12s12	2s 7	12n53	3n43	0n30	0s37	7s24	0s57	6s32	2n41	13n 3	0s27	2s12	1s11	22n54	3n55	23n22	23n21	4s55	17n 8	6s17	F 29

Julian Day Number = 2520241.5, Delta T = 151.80 sec
Ecliptic obliquity = 23°24'54, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°22'07, Lahiri = 26°29'08

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2188
geocentric

MARCH 2188 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 38 16	11♓ 6'53	10♈56	5♓13	25♈ 6	3♈27	13♓38	23°R11	5♉56	27♓13	4°R32	26°R12	25♊46	29♓35	28°R 7	S 1
S 2	10 42 12	12° 7'11	22°48	7° 1	25°49	4°14	13°53	23♎ 9	5°59	27°15	4♌30	26♊ 1	25°43	29°42	28♊ 7	S 2
M 3	10 46 9	13° 7'27	4♉41	8°50	26°31	5° 0	14° 7	23° 6	6° 1	27°17	4°29	25°52	25°40	29°49	28°D 7	M 3
T 4	10 50 5	14° 7'42	16°41	10°40	27°12	5°46	14°22	23° 3	6° 3	27°20	4°28	25°47	25°37	29°56	28° 7	T 4
W 5	10 54 2	15° 7'54	28°50	12°30	27°52	6°32	14°36	23° 0	6° 6	27°22	4°27	25°44	25°34	0♈ 2	28° 7	W 5
T 6	10 57 58	16° 8'04	11♊13	14°22	28°31	7°19	14°51	22°56	6° 8	27°24	4°27	25°43	25°31	0° 9	28° 7	T 6
F 7	11 1 55	17° 8'13	23°56	16°15	29° 9	8° 5	15° 5	22°53	6°11	27°26	4°26	25°43	25°27	0°16	28° 8	F 7
S 8	11 5 52	18° 8'19	7♋ 3	18° 9	29°45	8°51	15°20	22°50	6°13	27°29	4°25	25°43	25°24	0°22	28° 8	S 8
S 9	11 9 48	19° 8'23	20°38	20° 3	0♉20	9°37	15°34	22°46	6°16	27°31	4°24	25°41	25°21	0°29	28° 8	S 9
M10	11 13 45	20° 8'25	4♌42	21°59	0°53	10°23	15°49	22°43	6°19	27°33	4°23	25°37	25°18	0°36	28° 9	M10
T 11	11 17 41	21° 8'25	19°17	23°55	1°25	11° 9	16° 3	22°39	6°21	27°35	4°22	25°30	25°15	0°43	28° 9	T 11
W12	11 21 38	22° 8'23	4♍16	25°52	1°55	11°55	16°18	22°36	6°24	27°38	4°21	25°20	25°11	0°49	28°10	W12
T 13	11 25 34	23° 8'18	19°32	27°50	2°24	12°41	16°32	22°32	6°27	27°40	4°20	25° 9	25° 8	0°56	28°11	T 13
F 14	11 29 31	24° 8'12	4♎54	29°47	2°51	13°27	16°47	22°28	6°29	27°42	4°19	24°58	25° 5	1° 3	28°12	F 14
S 15	11 33 27	25° 8'04	20° 9	1♈45	3°16	14°13	17° 1	22°24	6°32	27°45	4°19	24°47	25° 2	1°10	28°13	S 15
S 16	11 37 24	26° 7'54	5♏ 9	3°44	3°40	14°59	17°16	22°21	6°35	27°47	4°18	24°39	24°59	1°16	28°14	S 16
M17	11 41 21	27° 7'42	19°43	5°42	4° 2	15°44	17°30	22°17	6°38	27°49	4°17	24°33	24°56	1°23	28°15	M17
T 18	11 45 17	28° 7'29	3♐50	7°39	4°22	16°30	17°44	22°13	6°41	27°51	4°16	24°30	24°52	1°30	28°16	T 18
W19	11 49 14	29° 7'14	17°28	9°36	4°40	17°16	17°59	22° 9	6°43	27°54	4°16	24°29	24°49	1°36	28°17	W19
T 20	11 53 10	0♈ 6'57	0♑39	11°31	4°56	18° 1	18°13	22° 5	6°46	27°56	4°15	24°29	24°46	1°43	28°18	T 20
F 21	11 57 7	1° 6'39	13°27	13°26	5° 9	18°47	18°28	22° 0	6°49	27°58	4°14	24°29	24°43	1°50	28°20	F 21
S 22	12 1 3	2° 6'19	25°57	15°18	5°21	19°33	18°42	21°56	6°52	28° 0	4°14	24°27	24°40	1°57	28°21	S 22
S 23	12 5 0	3° 5'57	8♒13	17° 8	5°31	20°18	18°56	21°52	6°55	28° 3	4°13	24°23	24°36	2° 3	28°23	S 23
M24	12 8 56	4° 5'34	20°19	18°55	5°38	21° 4	19°10	21°48	6°58	28° 5	4°13	24°15	24°33	2°10	28°25	M24
T 25	12 12 53	5° 5'08	2♓17	20°39	5°43	21°49	19°25	21°43	7° 1	28° 7	4°12	24° 5	24°30	2°17	28°26	T 25
W26	12 16 50	6° 4'41	14°12	22°20	5°45	22°34	19°39	21°39	7° 4	28°10	4°12	23°53	24°27	2°23	28°28	W26
T 27	12 20 46	7° 4'12	26° 4	23°56	5°R46	23°20	19°53	21°35	7° 7	28°12	4°11	23°39	24°24	2°30	28°30	T 27
F 28	12 24 43	8° 3'40	7♈56	25°28	5°43	24° 5	20° 7	21°30	7°10	28°14	4°10	23°25	24°21	2°37	28°32	F 28
S 29	12 28 39	9° 3'07	19°49	26°55	5°39	24°50	20°21	21°26	7°14	28°16	4°10	23°11	24°17	2°44	28°34	S 29
S 30	12 32 36	10° 2'32	1♉43	28°17	5°32	25°35	20°36	21°21	7°17	28°19	4°10	23° 0	24°14	2°50	28°36	S 30
M31	12 36 32	11♈ 1'54	13♉42	29♈33	5♉22	26♈21	20♓50	21♎17	7♉20	28♓21	4♌ 9	22♊51	24♊11	2♈57	28♊38	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s23	0s 8	4s51	11s32	2s 5	13n17	3n51	0n49	0s36	7s18	0s57	6s31	2n41	13n 4	0s27	2s11	1s11	22n54	3n55	23n22	23n21	4s52	17n 8	6s16
S 2	7 1	4n42	4 29	10 50	2 3	13 41	4 0	1 8	0 36	7 13	0 57	6 30	2 41	13 5	0 27	2 10	1 11	22 55	3 55	23 21	23 21	4 50	17 8	6 16
M 3	6 37	9 23	3 55	10 7	2 1	14 4	4 8	1 27	0 35	7 7	0 57	6 28	2 41	13 5	0 27	2 9	1 11	22 55	3 55	23 21	23 21	4 47	17 9	6 15
T 4	6 14	13 45	3 11	9 23	1 58	14 27	4 16	1 46	0 35	7 2	0 57	6 27	2 41	13 6	0 27	2 9	1 11	22 55	3 55	23 21	23 21	4 44	17 9	6 15
W 5	5 51	17 39	2 17	8 38	1 55	14 49	4 24	2 5	0 34	6 56	0 57	6 26	2 42	13 7	0 27	2 8	1 11	22 55	3 55	23 21	23 20	4 41	17 10	6 14
T 6	5 28	20 51	1 16	7 51	1 51	15 11	4 32	2 23	0 33	6 51	0 57	6 24	2 42	13 8	0 27	2 7	1 11	22 56	3 55	23 21	23 20	4 39	17 10	6 14
F 7	5 5	23 7	0 9	7 4	1 47	15 32	4 41	2 42	0 33	6 45	0 57	6 23	2 42	13 9	0 27	2 6	1 11	22 56	3 55	23 21	23 20	4 36	17 11	6 14
S 8	4 41	24 13	1n 0	6 15	1 42	15 52	4 49	3 1	0 32	6 39	0 57	6 21	2 42	13 10	0 27	2 5	1 11	22 56	3 55	23 21	23 20	4 33	17 11	6 13
S 9	4 18	23 56	2 8	5 25	1 37	16 13	4 57	3 20	0 31	6 34	0 57	6 20	2 42	13 10	0 27	2 4	1 11	22 56	3 55	23 21	23 20	4 31	17 12	6 13
M10	3 54	22 9	3 10	4 34	1 31	16 32	5 5	3 38	0 31	6 28	0 57	6 19	2 43	13 11	0 27	2 3	1 11	22 57	3 55	23 21	23 20	4 28	17 12	6 12
T 11	3 31	18 52	4 3	3 42	1 24	16 51	5 14	3 57	0 30	6 23	0 57	6 17	2 43	13 12	0 27	2 2	1 11	22 57	3 55	23 20	23 20	4 25	17 12	6 12
W12	3 7	14 17	4 40	2 49	1 17	17 9	5 22	4 16	0 29	6 17	0 58	6 16	2 43	13 13	0 27	2 1	1 11	22 57	3 55	23 20	23 20	4 22	17 13	6 11
T 13	2 43	8 43	4 58	1 55	1 9	17 27	5 30	4 34	0 28	6 12	0 58	6 14	2 43	13 14	0 27	2 0	1 11	22 57	3 55	23 20	23 20	4 20	17 13	6 11
F 14	2 20	2 35	4 56	1 1	1 1	17 44	5 38	4 53	0 28	6 6	0 58	6 13	2 43	13 15	0 27	2 0	1 11	22 57	3 55	23 19	23 19	4 17	17 14	6 10
S 15	1 56	3s41	4 31	0 6	0 52	18 0	5 46	5 11	0 27	6 0	0 58	6 11	2 43	13 16	0 27	1 59	1 11	22 58	3 55	23 19	23 19	4 14	17 14	6 10
S 16	1 32	9 37	3 49	0n49	0 43	18 16	5 54	5 29	0 26	5 55	0 58	6 9	2 44	13 17	0 27	1 58	1 11	22 58	3 55	23 18	23 19	4 11	17 15	6 10
M17	1 8	14 53	2 52	1 45	0 33	18 30	6 1	5 47	0 26	5 49	0 58	6 8	2 44	13 18	0 27	1 57	1 11	22 58	3 55	23 18	23 19	4 9	17 15	6 9
T 18	0 45	19 9	1 47	2 41	0 23	18 44	6 9	6 6	0 25	5 44	0 58	6 6	2 44	13 19	0 27	1 56	1 11	22 58	3 55	23 18	23 19	4 6	17 16	6 9
W19	0 21	22 13	0 37	3 37	0 12	18 58	6 16	6 24	0 24	5 38	0 58	6 5	2 44	13 20	0 27	1 55	1 11	22 58	3 55	23 18	23 19	4 3	17 16	6 8
T 20	0n 3	23 57	0s33	4 33	0 1	19 10	6 24	6 42	0 24	5 33	0 58	6 3	2 44	13 21	0 27	1 54	1 11	22 58	3 55	23 18	23 19	4 0	17 16	6 8
F 21	0 26	24 22	1 38	5 28	0n11	19 21	6 31	7 0	0 23	5 27	0 58	6 1	2 44	13 22	0 26	1 53	1 11	22 59	3 55	23 18	23 19	3 57	17 17	6 7
S 22	0 50	23 31	2 38	6 22	0 23	19 32	6 38	7 18	0 22	5 22	0 58	6 0	2 44	13 23	0 26	1 52	1 11	22 59	3 55	23 18	23 18	3 55	17 17	6 7
S 23	1 14	21 33	3 29	7 16	0 35	19 41	6 44	7 35	0 22	5 16	0 58	5 58	2 44	13 24	0 26	1 52	1 11	22 59	3 55	23 18	23 18	3 52	17 18	6 7
M24	1 38	18 39	4 10	8 8	0 47	19 50	6 51	7 53	0 21	5 11	0 58	5 56	2 45	13 25	0 26	1 51	1 11	22 59	3 55	23 17	23 18	3 49	17 18	6 6
T 25	2 1	14 59	4 39	8 59	1 0	19 57	6 57	8 11	0 20	5 5	0 58	5 55	2 45	13 26	0 26	1 50	1 11	22 59	3 55	23 17	23 18	3 46	17 19	6 6
W26	2 25	10 45	4 56	9 48	1 12	20 3	7 2	8 28	0 20	5 0	0 59	5 53	2 45	13 27	0 26	1 49	1 11	22 59	3 55	23 16	23 18	3 44	17 19	6 5
T 27	2 48	6 8	5 0	10 35	1 24	20 9	7 8	8 46	0 19	4 54	0 59	5 51	2 45	13 28	0 26	1 48	1 11	22 59	3 55	23 16	23 18	3 41	17 20	6 5
F 28	3 12	1 18	4 51	11 20	1 36	20 13	7 13	9 3	0 18	4 49	0 59	5 49	2 45	13 29	0 26	1 47	1 11	22 59	3 54	23 15	23 18	3 38	17 20	6 4
S 29	3 35	3n35	4 29	12 3	1 48	20 15	7 18	9 20	0 18	4 43	0 59	5 48	2 45	13 30	0 26	1 46	1 11	22 59	3 54	23 14	23 18	3 35	17 20	6 4
S 30	3 58	8 23	3 55	12 43	1 59	20 17	7 22	9 37	0 17	4 38	0 59	5 46	2 45	13 31	0 26	1 45	1 11	23 0	3 54	23 14	23 17	3 32	17 21	6 4
M31	4n22	12n54	3s11	13n20	2n10	20n17	7n25	9n54	0s16	4s32	0s59	5s44	2n45	13n32	0s26	1s44	1s11	23n 0	3n54	23n13	23n17	3s30	17n21	6s 3

Julian Day Number = 2520270.5, Delta T = 151.87 sec
Ecliptic obliquity = 23°24'55, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°22'11, Lahiri = 26°29'12

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2188
geocentric

APRIL 2188 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 40 29	12♈ 1'14	25♉46	0♉43	5°R10	27♈ 6	21♓ 4	21°R12	7♉23	28♓23	4°R 9	22°R45	24♊ 8	3♈ 4	28♊41	T 1
W 2	12 44 25	13° 0'33	8♊ 0	1°47	4♉55	27°51	21°18	21♎ 8	7°26	28°25	4♌ 8	22♊42	24° 5	3°11	28°43	W 2
T 3	12 48 22	13°59'49	20°26	2°45	4°38	28°36	21°32	21° 3	7°29	28°27	4° 8	22°D41	24° 2	3°17	28°45	T 3
F 4	12 52 19	14°59'02	3♋ 8	3°36	4°19	29°21	21°46	20°58	7°33	28°30	4° 8	22°41	23°58	3°24	28°48	F 4
S 5	12 56 15	15°58'14	16°11	4°20	3°57	0♉ 6	21°59	20°54	7°36	28°32	4° 7	22°R42	23°55	3°31	28°50	S 5
S 6	13 0 12	16°57'23	29°38	4°57	3°33	0°51	22°13	20°49	7°39	28°34	4° 7	22°41	23°52	3°37	28°53	S 6
M 7	13 4 8	17°56'29	13♌32	5°27	3° 7	1°35	22°27	20°45	7°43	28°36	4° 7	22°38	23°49	3°44	28°56	M 7
T 8	13 8 5	18°55'34	27°53	5°50	2°39	2°20	22°41	20°40	7°46	28°38	4° 7	22°33	23°46	3°51	28°58	T 8
W 9	13 12 1	19°54'36	12♍40	6° 6	2° 9	3° 5	22°55	20°35	7°49	28°41	4° 7	22°26	23°42	3°58	29° 1	W 9
T 10	13 15 58	20°53'35	27°46	6°16	1°37	3°49	23° 8	20°31	7°53	28°43	4° 6	22°17	23°39	4° 4	29° 4	T 10
F 11	13 19 54	21°52'33	13♎ 3	6°R18	1° 4	4°34	23°22	20°26	7°56	28°45	4° 6	22° 8	23°36	4°11	29° 7	F 11
S 12	13 23 51	22°51'28	28°18	6°14	0°29	5°19	23°36	20°21	7°59	28°47	4° 6	22° 0	23°33	4°18	29°10	S 12
S 13	13 27 47	23°50'22	13♏22	6° 4	29♈53	6° 3	23°49	20°17	8° 3	28°49	4° 6	21°53	23°30	4°24	29°13	S 13
M14	13 31 44	24°49'14	28° 5	5°47	29°17	6°48	24° 3	20°12	8° 6	28°51	4° 6	21°48	23°27	4°31	29°17	M14
T 15	13 35 41	25°48'04	12♐21	5°25	28°39	7°32	24°16	20° 7	8° 9	28°53	4° 6	21°46	23°23	4°38	29°20	T 15
W16	13 39 37	26°46'52	26° 9	4°58	28° 2	8°16	24°29	20° 3	8°13	28°55	4°D 6	21°D46	23°20	4°45	29°23	W16
T 17	13 43 34	27°45'38	9♑28	4°27	27°24	9° 1	24°43	19°58	8°16	28°57	4° 6	21°46	23°17	4°51	29°27	T 17
F 18	13 47 30	28°44'23	22°22	3°52	26°46	9°45	24°56	19°54	8°20	28°59	4° 6	21°47	23°14	4°58	29°30	F 18
S 19	13 51 27	29°43'06	4♒55	3°13	26° 8	10°29	25° 9	19°49	8°23	29° 1	4° 6	21°R47	23°11	5° 5	29°34	S 19
S 20	13 55 23	0♉41'48	17°11	2°33	25°32	11°13	25°22	19°45	8°26	29° 4	4° 6	21°46	23° 8	5°12	29°37	S 20
M21	13 59 20	1°40'27	29°14	1°51	24°56	11°58	25°35	19°40	8°30	29° 6	4° 6	21°42	23° 4	5°18	29°41	M21
T 22	14 3 17	2°39'05	11♓10	1° 8	24°21	12°42	25°48	19°36	8°33	29° 7	4° 6	21°36	23° 1	5°25	29°44	T 22
W23	14 7 13	3°37'41	23° 2	0°26	23°47	13°26	26° 1	19°31	8°37	29° 9	4° 7	21°29	22°58	5°32	29°48	W23
T 24	14 11 10	4°36'16	4♈53	29♈44	23°15	14°10	26°14	19°27	8°40	29°11	4° 7	21°20	22°55	5°38	29°52	T 24
F 25	14 15 6	5°34'48	16°46	29° 4	22°45	14°54	26°27	19°22	8°44	29°13	4° 7	21°11	22°52	5°45	29°56	F 25
S 26	14 19 3	6°33'19	28°42	28°26	22°16	15°37	26°40	19°18	8°47	29°15	4° 7	21° 3	22°48	5°52	29°59	S 26
S 27	14 22 59	7°31'48	10♉43	27°51	21°49	16°21	26°53	19°14	8°50	29°17	4° 8	20°56	22°45	5°59	0♋ 4	S 27
M28	14 26 56	8°30'15	22°50	27°19	21°24	17° 5	27° 5	19° 9	8°54	29°19	4° 8	20°50	22°42	6° 5	0° 8	M28
T 29	14 30 52	9°28'41	5♊ 6	26°51	21° 2	17°49	27°18	19° 5	8°57	29°21	4° 8	20°47	22°39	6°12	0°12	T 29
W30	14 34 49	10♉27'04	17♊31	26♈28	20♈42	18♉32	27♓30	19♎ 1	9♉ 1	29♓23	4♌ 9	20°D46	22♊36	6♈19	0♋16	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n45	16n57	2s18	13n54	2n21	20n16	7n28	10n11	0s16	4s27	0s59	5s42	2n45	13n33	0s26	1s44	1s11	23n 0	3n54	23n13	23n17	3s27	17n22	6s 3
W 2	5 8	20 21	1 17	14 26	2 30	20 13	7 31	10 28	0 15	4 21	0 59	5 41	2 45	13 34	0 26	1 43	1 11	23 0	3 54	23 13	23 17	3 24	17 22	6 2
T 3	5 31	22 52	0 12	14 54	2 39	20 9	7 33	10 44	0 14	4 16	0 59	5 39	2 45	13 35	0 26	1 42	1 11	23 0	3 54	23 13	23 17	3 21	17 23	6 2
F 4	5 54	24 18	0n55	15 19	2 47	20 4	7 34	11 1	0 14	4 10	0 59	5 37	2 45	13 36	0 26	1 41	1 11	23 0	3 54	23 13	23 17	3 19	17 23	6 2
S 5	6 17	24 27	2 2	15 40	2 53	19 57	7 35	11 17	0 13	4 5	1 0	5 35	2 45	13 37	0 26	1 40	1 11	23 0	3 54	23 13	23 17	3 16	17 23	6 1
S 6	6 39	23 12	3 3	15 58	2 59	19 48	7 35	11 34	0 12	4 0	1 0	5 34	2 46	13 38	0 26	1 39	1 11	23 0	3 54	23 13	23 16	3 13	17 24	6 1
M 7	7 2	20 31	3 56	16 13	3 4	19 38	7 34	11 50	0 12	3 54	1 0	5 32	2 46	13 39	0 26	1 38	1 11	23 0	3 54	23 13	23 16	3 10	17 24	6 0
T 8	7 24	16 31	4 36	16 24	3 7	19 27	7 32	12 6	0 11	3 49	1 0	5 30	2 46	13 40	0 26	1 38	1 11	23 0	3 54	23 12	23 16	3 7	17 25	6 0
W 9	7 47	11 24	4 59	16 31	3 10	19 14	7 30	12 22	0 10	3 44	1 0	5 28	2 46	13 41	0 26	1 37	1 11	23 0	3 54	23 12	23 16	3 5	17 25	6 0
T 10	8 9	5 30	5 2	16 35	3 10	19 0	7 27	12 38	0 10	3 38	1 0	5 27	2 46	13 43	0 26	1 36	1 11	23 0	3 54	23 11	23 16	3 2	17 25	5 59
F 11	8 31	0s47	4 44	16 35	3 10	18 44	7 23	12 53	0 9	3 33	1 0	5 25	2 46	13 44	0 26	1 35	1 11	23 0	3 54	23 11	23 16	2 59	17 26	5 59
S 12	8 53	7 2	4 5	16 32	3 7	18 27	7 18	13 9	0 8	3 28	1 0	5 23	2 46	13 45	0 26	1 34	1 11	23 0	3 54	23 10	23 15	2 56	17 26	5 59
S 13	9 15	12 49	3 10	16 25	3 4	18 9	7 12	13 24	0 8	3 23	1 0	5 21	2 46	13 46	0 26	1 33	1 11	23 0	3 54	23 10	23 15	2 53	17 27	5 58
M14	9 36	17 43	2 3	16 15	2 59	17 49	7 5	13 40	0 7	3 17	1 1	5 20	2 46	13 47	0 26	1 33	1 11	23 0	3 54	23 10	23 15	2 51	17 27	5 58
T 15	9 58	21 25	0 50	16 1	2 52	17 29	6 58	13 55	0 6	3 12	1 1	5 18	2 46	13 48	0 26	1 32	1 11	23 0	3 54	23 10	23 15	2 48	17 27	5 57
W16	10 19	23 45	0s24	15 44	2 44	17 8	6 50	14 10	0 6	3 7	1 1	5 16	2 46	13 49	0 26	1 31	1 11	23 0	3 54	23 10	23 15	2 45	17 28	5 57
T 17	10 40	24 38	1 34	15 24	2 34	16 45	6 41	14 24	0 5	3 2	1 1	5 15	2 46	13 50	0 26	1 30	1 11	23 0	3 54	23 10	23 15	2 42	17 28	5 57
F 18	11 1	24 8	2 37	15 2	2 23	16 23	6 31	14 39	0 4	2 57	1 1	5 13	2 46	13 51	0 26	1 29	1 11	23 0	3 54	23 10	23 15	2 39	17 28	5 56
S 19	11 22	22 25	3 30	14 37	2 11	15 59	6 20	14 54	0 4	2 52	1 1	5 11	2 45	13 52	0 26	1 29	1 11	23 0	3 54	23 10	23 14	2 36	17 29	5 56
S 20	11 42	19 41	4 13	14 11	1 57	15 35	6 9	15 8	0 3	2 47	1 1	5 10	2 45	13 54	0 26	1 28	1 11	23 0	3 54	23 10	23 14	2 34	17 29	5 56
M21	12 3	16 9	4 44	13 43	1 43	15 11	5 58	15 22	0 2	2 41	1 1	5 8	2 45	13 55	0 26	1 27	1 11	23 0	3 54	23 9	23 14	2 31	17 29	5 55
T 22	12 23	12 1	5 2	13 13	1 27	14 47	5 45	15 36	0 2	2 36	1 2	5 6	2 45	13 56	0 26	1 26	1 11	23 0	3 54	23 9	23 14	2 28	17 30	5 55
W23	12 43	7 27	5 7	12 43	1 11	14 22	5 33	15 50	0 1	2 31	1 2	5 5	2 45	13 57	0 26	1 26	1 11	22 59	3 54	23 9	23 14	2 25	17 30	5 55
T 24	13 3	2 38	4 58	12 13	0 55	13 58	5 20	16 4	0 0	2 26	1 2	5 3	2 45	13 58	0 26	1 25	1 11	22 59	3 54	23 8	23 14	2 22	17 30	5 54
F 25	13 22	2n19	4 37	11 43	0 38	13 34	5 6	16 18	0n 0	2 21	1 2	5 2	2 45	13 59	0 26	1 24	1 11	22 59	3 54	23 7	23 13	2 19	17 31	5 54
S 26	13 41	7 12	4 4	11 14	0 21	13 11	4 52	16 31	0 1	2 17	1 2	5 0	2 45	14 0	0 26	1 23	1 11	22 59	3 54	23 7	23 13	2 17	17 31	5 54
S 27	14 1	11 52	3 19	10 45	0 4	12 48	4 38	16 44	0 2	2 12	1 2	4 58	2 45	14 1	0 26	1 23	1 11	22 59	3 54	23 6	23 13	2 14	17 31	5 54
M28	14 19	16 7	2 25	10 18	0s13	12 25	4 24	16 57	0 2	2 7	1 2	4 57	2 45	14 2	0 26	1 22	1 12	22 59	3 54	23 6	23 13	2 11	17 32	5 53
T 29	14 38	19 45	1 24	9 53	0 30	12 3	4 10	17 10	0 3	2 2	1 3	4 55	2 45	14 4	0 26	1 21	1 12	22 59	3 53	23 6	23 13	2 8	17 32	5 53
W30	14n56	22n32	0s18	9n29	0s46	11n42	3n56	17n23	0n 4	1s57	1s 3	4s54	2n45	14n 5	0s26	1s21	1s12	22n59	3n53	23n 6	23n13	2s 5	17n32	5s53

Julian Day Number = 2520301.5, Delta T = 151.95 sec
Ecliptic obliquity = 23°24'55, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°22'15, Lahiri = 26°29'16

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2188
geocentric

MAY 2188 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 38 45	11♉25'26	0♋ 9	26°R 8	20°R24	19♉16	27♓43	18°R57	9♉ 4	29♓25	4♌ 9	20♊46	22♊33	6♈25	0♋20	T 1
F 2	14 42 42	12°23'45	13° 0	25♈53	20♈ 8	20° 0	27°55	18♎53	9° 8	29°26	4° 9	20°47	22°29	6°32	0°24	F 2
S 3	14 46 39	13°22'03	26° 8	25°43	19°55	20°43	28° 7	18°49	9°11	29°28	4°10	20°49	22°26	6°39	0°29	S 3
S 4	14 50 35	14°20'18	9♌35	25°38	19°44	21°27	28°20	18°45	9°15	29°30	4°10	20°R50	22°23	6°46	0°33	S 4
M 5	14 54 32	15°18'31	23°23	25°D38	19°36	22°10	28°32	18°41	9°18	29°32	4°11	20°50	22°20	6°52	0°38	M 5
T 6	14 58 28	16°16'42	7♍33	25°42	19°30	22°53	28°44	18°37	9°22	29°33	4°11	20°48	22°17	6°59	0°42	T 6
W 7	15 2 25	17°14'52	22° 2	25°52	19°26	23°37	28°56	18°33	9°25	29°35	4°12	20°45	22°13	7° 6	0°47	W 7
T 8	15 6 21	18°12'59	6♎48	26° 6	19°D25	24°20	29° 8	18°30	9°28	29°37	4°12	20°41	22°10	7°12	0°51	T 8
F 9	15 10 18	19°11'04	21°44	26°24	19°26	25° 3	29°19	18°26	9°32	29°38	4°13	20°36	22° 7	7°19	0°56	F 9
S 10	15 14 14	20° 9'07	6♏42	26°47	19°30	25°46	29°31	18°22	9°35	29°40	4°13	20°32	22° 4	7°26	1° 0	S 10
S 11	15 18 11	21° 7'09	21°33	27°14	19°35	26°29	29°43	18°19	9°39	29°41	4°14	20°29	22° 1	7°33	1° 5	S 11
M12	15 22 8	22° 5'10	6♐ 9	27°45	19°43	27°13	29°54	18°15	9°42	29°43	4°15	20°27	21°58	7°39	1°10	M12
T 13	15 26 4	23° 3'08	20°23	28°21	19°54	27°56	0♈ 6	18°12	9°45	29°45	4°15	20°D26	21°54	7°46	1°14	T 13
W14	15 30 1	24° 1'06	4♑14	29° 0	20° 6	28°38	0°17	18° 9	9°49	29°46	4°16	20°27	21°51	7°53	1°19	W14
T 15	15 33 57	24°59'02	17°38	29°43	20°20	29°21	0°28	18° 5	9°52	29°48	4°17	20°28	21°48	7°59	1°24	T 15
F 16	15 37 54	25°56'56	0♒38	0♉30	20°37	0♊ 4	0°39	18° 2	9°56	29°49	4°18	20°29	21°45	8° 6	1°29	F 16
S 17	15 41 50	26°54'50	13°16	1°20	20°55	0°47	0°50	17°59	9°59	29°51	4°18	20°31	21°42	8°13	1°34	S 17
S 18	15 45 47	27°52'42	25°35	2°13	21°15	1°30	1° 1	17°56	10° 2	29°52	4°19	20°R31	21°39	8°20	1°39	S 18
M19	15 49 44	28°50'33	7♓41	3°10	21°37	2°12	1°12	17°53	10° 6	29°53	4°20	20°31	21°35	8°26	1°44	M19
T 20	15 53 40	29°48'22	19°38	4°10	22° 1	2°55	1°23	17°50	10° 9	29°55	4°21	20°30	21°32	8°33	1°49	T 20
W21	15 57 37	0♊46'11	1♈31	5°13	22°26	3°38	1°34	17°47	10°12	29°56	4°22	20°28	21°29	8°40	1°54	W21
T 22	16 1 33	1°43'58	13°22	6°19	22°53	4°20	1°44	17°45	10°15	29°57	4°23	20°25	21°26	8°47	1°59	T 22
F 23	16 5 30	2°41'44	25°17	7°27	23°22	5° 3	1°55	17°42	10°19	29°59	4°23	20°22	21°23	8°53	2° 4	F 23
S 24	16 9 26	3°39'29	7♉18	8°39	23°52	5°45	2° 5	17°40	10°22	29°59	4°24	20°20	21°19	9° 0	2° 9	S 24
S 25	16 13 23	4°37'13	19°27	9°53	24°23	6°28	2°15	17°37	10°25	0♈ 1	4°25	20°17	21°16	9° 7	2°15	S 25
M26	16 17 19	5°34'56	1♊46	11°10	24°56	7°10	2°25	17°35	10°28	0° 2	4°26	20°16	21°13	9°13	2°20	M26
T 27	16 21 16	6°32'37	14°17	12°30	25°30	7°52	2°35	17°33	10°32	0° 3	4°27	20°D15	21°10	9°20	2°25	T 27
W28	16 25 12	7°30'17	27° 1	13°52	26° 5	8°35	2°45	17°30	10°35	0° 5	4°28	20°15	21° 7	9°27	2°31	W28
T 29	16 29 9	8°27'56	9♋57	15°16	26°42	9°17	2°55	17°28	10°38	0° 6	4°29	20°16	21° 4	9°34	2°36	T 29
F 30	16 33 6	9°25'34	23° 7	16°44	27°20	9°59	3° 5	17°26	10°41	0° 7	4°30	20°17	21° 0	9°40	2°41	F 30
S 31	16 37 2	10♊23'10	6♌31	18♉13	27♈59	10♊41	3♈14	17♎24	10♉44	0♈ 8	4♌31	20♊18	20♊57	9♈47	2♋47	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15n15	24n16	0n51	9n 8	1s 1	11n22	3n41	17n36	0n 4	1s52	1s 3	4s52	2n45	14n 6	0s26	1s20	1s12	22n59	3n53	23n 6	23n12	2s 2	17n33	5s52
F 2	15 33	24 44	1 58	8 49	1 16	11 3	3 27	17 48	0 5	1 47	1 3	4 51	2 44	14 7	0 26	1 19	1 12	22 59	3 53	23 6	23 12	2 0	17 33	5 52
S 3	15 50	23 51	3 0	8 32	1 30	10 45	3 13	18 0	0 5	1 43	1 3	4 50	2 44	14 8	0 26	1 18	1 12	22 58	3 53	23 6	23 12	1 57	17 33	5 52
S 4	16 8	21 36	3 55	8 17	1 44	10 28	2 58	18 12	0 6	1 38	1 3	4 48	2 44	14 9	0 26	1 18	1 12	22 58	3 53	23 6	23 12	1 54	17 33	5 52
M 5	16 25	18 4	4 37	8 6	1 56	10 12	2 44	18 24	0 7	1 33	1 4	4 47	2 44	14 10	0 26	1 17	1 12	22 58	3 53	23 6	23 12	1 51	17 34	5 51
T 6	16 41	13 25	5 3	7 56	2 8	9 57	2 31	18 36	0 7	1 29	1 4	4 46	2 44	14 11	0 26	1 17	1 12	22 58	3 53	23 6	23 11	1 48	17 34	5 51
W 7	16 58	7 55	5 12	7 50	2 19	9 43	2 17	18 47	0 8	1 24	1 4	4 44	2 44	14 12	0 26	1 16	1 12	22 58	3 53	23 6	23 11	1 45	17 34	5 51
T 8	17 14	1 53	4 59	7 45	2 29	9 30	2 4	18 59	0 9	1 20	1 4	4 43	2 44	14 13	0 26	1 15	1 12	22 58	3 53	23 5	23 11	1 43	17 34	5 51
F 9	17 30	4s20	4 27	7 43	2 38	9 18	1 51	19 10	0 9	1 15	1 4	4 42	2 44	14 14	0 26	1 15	1 12	22 57	3 53	23 5	23 11	1 40	17 34	5 50
S 10	17 46	10 19	3 37	7 44	2 46	9 8	1 38	19 21	0 10	1 11	1 4	4 41	2 43	14 16	0 26	1 14	1 12	22 57	3 53	23 5	23 11	1 37	17 35	5 50
S 11	18 1	15 41	2 32	7 47	2 53	8 58	1 25	19 31	0 11	1 6	1 5	4 39	2 43	14 17	0 26	1 13	1 12	22 57	3 53	23 4	23 10	1 34	17 35	5 50
M12	18 16	20 2	1 18	7 52	2 59	8 50	1 13	19 42	0 11	1 2	1 5	4 38	2 43	14 18	0 26	1 13	1 12	22 57	3 53	23 4	23 10	1 31	17 35	5 50
T 13	18 31	23 4	0 0	8 0	3 5	8 43	1 1	19 52	0 12	0 57	1 5	4 37	2 43	14 19	0 26	1 12	1 12	22 57	3 53	23 4	23 10	1 28	17 35	5 49
W14	18 45	24 36	1s15	8 9	3 10	8 37	0 49	20 2	0 12	0 53	1 5	4 36	2 43	14 20	0 26	1 12	1 12	22 57	3 53	23 4	23 10	1 25	17 35	5 49
T 15	19 0	24 38	2 24	8 20	3 13	8 31	0 38	20 12	0 13	0 49	1 5	4 35	2 43	14 21	0 26	1 11	1 12	22 56	3 53	23 4	23 10	1 23	17 36	5 49
F 16	19 13	23 18	3 23	8 34	3 16	8 27	0 27	20 22	0 14	0 44	1 6	4 34	2 42	14 22	0 26	1 11	1 12	22 56	3 53	23 4	23 10	1 20	17 36	5 49
S 17	19 27	20 49	4 11	8 49	3 19	8 24	0 16	20 32	0 14	0 40	1 6	4 33	2 42	14 23	0 26	1 10	1 12	22 56	3 53	23 5	23 9	1 17	17 36	5 49
S 18	19 40	17 27	4 45	9 6	3 20	8 22	0 6	20 41	0 15	0 36	1 6	4 32	2 42	14 24	0 26	1 10	1 12	22 56	3 53	23 5	23 9	1 14	17 36	5 48
M19	19 53	13 25	5 7	9 24	3 21	8 21	0s 4	20 50	0 15	0 32	1 6	4 31	2 42	14 25	0 26	1 9	1 12	22 55	3 53	23 5	23 9	1 11	17 36	5 48
T 20	20 5	8 55	5 15	9 44	3 21	8 21	0 14	20 59	0 16	0 28	1 6	4 30	2 42	14 26	0 26	1 9	1 12	22 55	3 53	23 5	23 9	1 8	17 36	5 48
W21	20 17	4 7	5 9	10 6	3 20	8 22	0 23	21 8	0 17	0 24	1 7	4 29	2 41	14 27	0 26	1 8	1 12	22 55	3 53	23 4	23 9	1 5	17 36	5 48
T 22	20 29	0n49	4 50	10 29	3 19	8 23	0 32	21 16	0 17	0 20	1 7	4 28	2 41	14 28	0 26	1 8	1 12	22 55	3 53	23 4	23 8	1 3	17 36	5 48
F 23	20 41	5 46	4 18	10 53	3 17	8 26	0 41	21 25	0 18	0 16	1 7	4 27	2 41	14 29	0 26	1 7	1 12	22 55	3 53	23 4	23 8	1 0	17 36	5 48
S 24	20 52	10 32	3 35	11 18	3 14	8 29	0 49	21 33	0 18	0 12	1 7	4 27	2 41	14 30	0 26	1 7	1 13	22 54	3 53	23 4	23 8	0 57	17 37	5 47
S 25	21 2	14 59	2 42	11 45	3 10	8 33	0 57	21 41	0 19	0 8	1 7	4 26	2 41	14 31	0 26	1 6	1 13	22 54	3 53	23 4	23 8	0 54	17 37	5 47
M26	21 13	18 51	1 40	12 12	3 6	8 38	1 5	21 48	0 20	0 4	1 8	4 25	2 40	14 32	0 26	1 6	1 13	22 54	3 53	23 4	23 7	0 51	17 37	5 47
T 27	21 23	21 57	0 33	12 41	3 2	8 43	1 13	21 56	0 20	0 0	1 8	4 25	2 40	14 33	0 26	1 5	1 13	22 54	3 53	23 3	23 7	0 48	17 37	5 47
W28	21 32	24 0	0n37	13 10	2 57	8 49	1 20	22 3	0 21	0n 3	1 8	4 24	2 40	14 34	0 26	1 5	1 13	22 53	3 53	23 3	23 7	0 45	17 37	5 47
T 29	21 42	24 49	1 47	13 40	2 51	8 56	1 27	22 10	0 21	0 7	1 8	4 23	2 40	14 35	0 26	1 4	1 13	22 53	3 53	23 3	23 7	0 42	17 37	5 47
F 30	21 51	24 16	2 52	14 11	2 45	9 3	1 33	22 17	0 22	0 11	1 8	4 23	2 40	14 36	0 26	1 4	1 13	22 53	3 53	23 4	23 7	0 39	17 37	5 47
S 31	21n59	22n19	3n49	14n43	2s38	9n11	1s40	22n24	0n23	0n14	1s 9	4s22	2n39	14n37	0s26	1s 4	1s13	22n52	3n53	23n 4	23n 6	0s37	17n37	5s46

Julian Day Number = 2520331.5, Delta T = 152.02 sec
Ecliptic obliquity = 23°24'54, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°22'20, Lahiri = 26°29'20

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2188
geocentric

JUNE 2188 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 40 59	11♊20'44	20♌ 9	19♉46	28♈38	11♊23	3♈24	17°R23	10♉47	0♈ 9	4♌33	20♊18	20♊54	9♈54	2♋52	S 1
M 2	16 44 55	12°18'18	4♍ 1	21°20	29°20	12° 5	3°33	17♎21	10°50	0°10	4°34	20°19	20°51	10° 0	2°57	M 2
T 3	16 48 52	13°15'50	18° 6	22°57	0♉ 2	12°47	3°42	17°19	10°53	0°11	4°35	20°R19	20°48	10° 7	3° 3	T 3
W 4	16 52 48	14°13'20	2♎23	24°37	0°44	13°29	3°51	17°18	10°56	0°12	4°36	20°19	20°45	10°14	3° 8	W 4
T 5	16 56 45	15°10'49	16°49	26°19	1°28	14°11	4° 0	17°16	10°59	0°13	4°37	20°18	20°41	10°21	3°14	T 5
F 6	17 0 42	16° 8'17	1♏20	28° 4	2°13	14°53	4° 9	17°15	11° 2	0°14	4°38	20°18	20°38	10°27	3°19	F 6
S 7	17 4 38	17° 5'43	15°51	29°50	2°59	15°34	4°17	17°14	11° 5	0°14	4°40	20°17	20°35	10°34	3°25	S 7
S 8	17 8 35	18° 3'09	0♐17	1♊40	3°45	16°16	4°26	17°13	11° 8	0°15	4°41	20°17	20°32	10°41	3°30	S 8
M 9	17 12 31	19° 0'34	14°33	3°31	4°33	16°58	4°34	17°12	11°11	0°16	4°42	20°D17	20°29	10°47	3°36	M 9
T 10	17 16 28	19°57'58	28°33	5°25	5°21	17°39	4°43	17°11	11°14	0°17	4°43	20°R17	20°25	10°54	3°42	T 10
W11	17 20 24	20°55'21	12♑14	7°22	6° 9	18°21	4°51	17°10	11°17	0°17	4°45	20°17	20°22	11° 1	3°47	W11
T 12	17 24 21	21°52'43	25°35	9°20	6°59	19° 3	4°59	17° 9	11°20	0°18	4°46	20°17	20°19	11° 8	3°53	T 12
F 13	17 28 17	22°50'04	8♒34	11°21	7°49	19°44	5° 7	17° 8	11°22	0°19	4°47	20°17	20°16	11°14	3°59	F 13
S 14	17 32 14	23°47'25	21°14	13°24	8°40	20°25	5°14	17° 8	11°25	0°19	4°48	20°16	20°13	11°21	4° 4	S 14
S 15	17 36 11	24°44'46	3♓36	15°28	9°32	21° 7	5°22	17° 7	11°28	0°20	4°50	20°16	20°10	11°28	4°10	S 15
M16	17 40 7	25°42'06	15°44	17°34	10°24	21°48	5°29	17° 7	11°31	0°21	4°51	20°16	20° 6	11°34	4°15	M16
T 17	17 44 4	26°39'25	27°43	19°42	11°16	22°30	5°37	17° 7	11°33	0°21	4°52	20°D15	20° 3	11°41	4°21	T 17
W18	17 48 0	27°36'44	9♈37	21°51	12°10	23°11	5°44	17° 7	11°36	0°22	4°54	20°16	20° 0	11°48	4°27	W18
T 19	17 51 57	28°34'03	21°29	24° 1	13° 4	23°52	5°51	17°D 7	11°39	0°22	4°55	20°16	19°57	11°55	4°33	T 19
F 20	17 55 53	29°31'21	3♉26	26°12	13°58	24°33	5°57	17° 7	11°41	0°22	4°57	20°17	19°54	12° 1	4°38	F 20
S 21	17 59 50	0♋28'39	15°31	28°24	14°53	25°14	6° 4	17° 7	11°44	0°23	4°58	20°18	19°51	12° 8	4°44	S 21
S 22	18 3 46	1°25'57	27°47	0♋36	15°48	25°55	6°11	17° 7	11°46	0°23	5° 0	20°19	19°47	12°15	4°50	S 22
M23	18 7 43	2°23'15	10♊17	2°47	16°44	26°36	6°17	17° 7	11°49	0°23	5° 1	20°20	19°44	12°21	4°55	M23
T 24	18 11 40	3°20'32	23° 3	4°59	17°40	27°17	6°23	17° 8	11°51	0°24	5° 2	20°R20	19°41	12°28	5° 1	T 24
W25	18 15 36	4°17'49	6♋ 7	7°10	18°37	27°58	6°29	17° 8	11°54	0°24	5° 4	20°19	19°38	12°35	5° 7	W25
T 26	18 19 33	5°15'05	19°26	9°20	19°34	28°39	6°35	17° 9	11°56	0°24	5° 5	20°18	19°35	12°42	5°13	T 26
F 27	18 23 29	6°12'21	3♌ 2	11°29	20°32	29°20	6°41	17°10	11°58	0°24	5° 7	20°16	19°31	12°48	5°18	F 27
S 28	18 27 26	7° 9'37	16°50	13°37	21°30	0♋ 1	6°46	17°11	12° 1	0°25	5° 8	20°14	19°28	12°55	5°24	S 28
S 29	18 31 22	8° 6'52	0♍49	15°43	22°28	0°42	6°52	17°12	12° 3	0°25	5°10	20°12	19°25	13° 2	5°30	S 29
M30	18 35 19	9♋ 4'06	14♍56	17♋48	23♉27	1♋22	6♈57	17♎13	12♉ 5	0♈25	5♌12	20♊10	19♊22	13♈ 8	5♋36	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n 7	19n 5	4n34	15n15	2s30	9n20	1s46	22n30	0n23	0n18	1s 9	4s22	2n39	14n38	0s26	1s 3	1s13	22n52	3n53	23n 4	23n 6	0s34	17n37	5s46
M 2	22 15	14 45	5 4	15 47	2 23	9 29	1 52	22 37	0 24	0 21	1 9	4 21	2 39	14 39	0 26	1 3	1 13	22 52	3 53	23 4	23 6	0 31	17 37	5 46
T 3	22 22	9 33	5 16	16 19	2 14	9 38	1 57	22 43	0 24	0 25	1 9	4 21	2 39	14 40	0 26	1 3	1 13	22 52	3 53	23 4	23 6	0 28	17 37	5 46
W 4	22 29	3 47	5 10	16 52	2 6	9 48	2 2	22 48	0 25	0 28	1 10	4 21	2 38	14 41	0 26	1 2	1 13	22 51	3 53	23 4	23 6	0 25	17 37	5 46
T 5	22 36	2s14	4 44	17 25	1 57	9 59	2 8	22 54	0 25	0 31	1 10	4 20	2 38	14 42	0 26	1 2	1 13	22 51	3 53	23 4	23 5	0 22	17 37	5 46
F 6	22 42	8 11	3 59	17 58	1 47	10 10	2 12	22 59	0 26	0 35	1 10	4 20	2 38	14 43	0 26	1 2	1 13	22 51	3 53	23 4	23 5	0 19	17 37	5 46
S 7	22 47	13 42	2 59	18 31	1 37	10 21	2 17	23 5	0 27	0 38	1 10	4 20	2 38	14 44	0 26	1 1	1 13	22 50	3 53	23 4	23 5	0 16	17 36	5 46
S 8	22 53	18 25	1 49	19 3	1 27	10 32	2 21	23 10	0 27	0 41	1 10	4 20	2 38	14 45	0 26	1 1	1 13	22 50	3 53	23 4	23 5	0 14	17 36	5 46
M 9	22 58	22 0	0 32	19 35	1 17	10 44	2 25	23 14	0 28	0 44	1 11	4 19	2 37	14 46	0 26	1 1	1 13	22 50	3 53	23 4	23 4	0 11	17 36	5 46
T 10	23 2	24 10	0s46	20 6	1 6	10 57	2 29	23 19	0 28	0 47	1 11	4 19	2 37	14 46	0 26	1 1	1 13	22 49	3 53	23 4	23 4	0 8	17 36	5 46
W11	23 6	24 49	1 59	20 36	0 55	11 9	2 33	23 23	0 29	0 50	1 11	4 19	2 37	14 47	0 26	1 0	1 13	22 49	3 53	23 4	23 4	0 5	17 36	5 46
T 12	23 10	24 0	3 3	21 6	0 44	11 22	2 36	23 27	0 29	0 53	1 11	4 19	2 37	14 48	0 26	1 0	1 13	22 49	3 53	23 4	23 4	0 2	17 36	5 46
F 13	23 13	21 54	3 57	21 34	0 33	11 35	2 39	23 31	0 30	0 56	1 12	4 19	2 36	14 49	0 26	1 0	1 13	22 49	3 53	23 4	23 3	0n 1	17 36	5 46
S 14	23 16	18 47	4 37	22 1	0 22	11 49	2 42	23 35	0 31	0 59	1 12	4 19	2 36	14 50	0 26	1 0	1 14	22 48	3 53	23 4	23 3	0 4	17 36	5 46
S 15	23 19	14 53	5 4	22 26	0 11	12 2	2 45	23 38	0 31	1 1	1 12	4 19	2 36	14 51	0 26	1 0	1 14	22 48	3 53	23 3	23 3	0 7	17 36	5 46
M16	23 21	10 28	5 16	22 50	0 0	12 16	2 48	23 41	0 32	1 4	1 12	4 19	2 36	14 52	0 26	0 59	1 14	22 48	3 53	23 3	23 3	0 10	17 35	5 46
T 17	23 22	5 43	5 14	23 11	0n11	12 30	2 50	23 44	0 32	1 7	1 13	4 19	2 35	14 52	0 26	0 59	1 14	22 47	3 53	23 3	23 3	0 13	17 35	5 46
W18	23 24	0 47	4 59	23 31	0 21	12 44	2 52	23 47	0 33	1 9	1 13	4 20	2 35	14 53	0 26	0 59	1 14	22 47	3 53	23 3	23 2	0 15	17 35	5 46
T 19	23 24	4n11	4 31	23 48	0 31	12 58	2 54	23 50	0 33	1 12	1 13	4 20	2 35	14 54	0 26	0 59	1 14	22 47	3 53	23 4	23 2	0 18	17 35	5 46
F 20	23 25	9 1	3 51	24 3	0 41	13 13	2 56	23 52	0 34	1 14	1 14	4 20	2 35	14 55	0 26	0 59	1 14	22 46	3 53	23 4	23 2	0 21	17 35	5 46
S 21	23 25	13 35	3 1	24 15	0 50	13 27	2 58	23 54	0 34	1 17	1 14	4 20	2 34	14 55	0 26	0 59	1 14	22 46	3 53	23 4	23 2	0 24	17 34	5 46
S 22	23 24	17 40	2 2	24 24	0 59	13 41	2 59	23 56	0 35	1 19	1 14	4 21	2 34	14 56	0 26	0 59	1 14	22 46	3 53	23 4	23 1	0 27	17 34	5 46
M23	23 24	21 3	0 55	24 31	1 8	13 56	3 1	23 58	0 35	1 21	1 14	4 21	2 34	14 57	0 26	0 59	1 14	22 45	3 53	23 4	23 1	0 30	17 34	5 46
T 24	23 22	23 29	0n15	24 35	1 15	14 11	3 2	23 59	0 36	1 23	1 15	4 21	2 33	14 58	0 26	0 58	1 14	22 45	3 53	23 4	23 1	0 33	17 34	5 46
W25	23 21	24 42	1 26	24 36	1 22	14 25	3 3	24 0	0 36	1 26	1 15	4 22	2 33	14 58	0 26	0 58	1 14	22 44	3 53	23 4	23 1	0 36	17 33	5 46
T 26	23 19	24 33	2 34	24 34	1 29	14 40	3 4	24 1	0 37	1 28	1 15	4 22	2 33	14 59	0 26	0 58	1 14	22 44	3 53	23 4	23 0	0 39	17 33	5 46
F 27	23 16	22 56	3 34	24 29	1 35	14 54	3 4	24 2	0 37	1 30	1 15	4 23	2 33	15 0	0 26	0 58	1 14	22 44	3 53	23 4	23 0	0 42	17 33	5 46
S 28	23 13	19 57	4 23	24 22	1 39	15 9	3 5	24 3	0 38	1 32	1 16	4 23	2 32	15 1	0 26	0 58	1 14	22 43	3 53	23 3	23 0	0 45	17 33	5 46
S 29	23 10	15 48	4 57	24 12	1 44	15 23	3 5	24 3	0 39	1 33	1 16	4 24	2 32	15 1	0 26	0 58	1 14	22 43	3 53	23 3	23 0	0 48	17 32	5 46
M30	23n 6	10n45	5n14	24n 0	1n47	15n37	3s 5	24n 3	0n39	1n35	1s16	4s25	2n32	15n 2	0s26	0s58	1s14	22n43	3n53	23n 3	22n59	0n50	17n32	5s46

Julian Day Number = 2520362.5, Delta T = 152.10 sec
Ecliptic obliquity = 23°24'54, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°22'24, Lahiri = 26°29'24

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2188
geocentric

JULY 2188 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 39 15	10♋ 1'20	29♍ 7	19♋52	24♉26	2♋ 3	7♈ 2	17♎14	12♉ 7	0♈25	5♌13	20°R 9	19♊19	13♈15	5♋41	T 1
W 2	18 43 12	10°58'33	13♎21	21°53	25°25	2°44	7° 7	17°15	12° 9	0°R25	5°15	20°D 9	19°16	13°22	5°47	W 2
T 3	18 47 9	11°55'46	27°34	23°53	26°25	3°24	7°11	17°16	12°12	0°25	5°16	20♊ 9	19°12	13°29	5°53	T 3
F 4	18 51 5	12°52'58	11♏44	25°51	27°25	4° 5	7°16	17°18	12°14	0°25	5°18	20°10	19° 9	13°35	5°59	F 4
S 5	18 55 2	13°50'11	25°50	27°47	28°26	4°45	7°20	17°19	12°16	0°25	5°19	20°12	19° 6	13°42	6° 4	S 5
S 6	18 58 58	14°47'22	9♐49	29°41	29°26	5°26	7°24	17°21	12°18	0°25	5°21	20°13	19° 3	13°49	6°10	S 6
M 7	19 2 55	15°44'34	23°38	1♑32	0♊27	6° 6	7°28	17°23	12°20	0°25	5°23	20°R13	19° 0	13°55	6°16	M 7
T 8	19 6 51	16°41'46	7♒15	3°22	1°29	6°46	7°32	17°25	12°22	0°25	5°24	20°12	18°57	14° 2	6°21	T 8
W 9	19 10 48	17°38'57	20°38	5°10	2°30	7°27	7°36	17°27	12°23	0°24	5°26	20°10	18°53	14° 9	6°27	W 9
T 10	19 14 45	18°36'09	3♓46	6°56	3°32	8° 7	7°39	17°29	12°25	0°24	5°27	20° 6	18°50	14°16	6°33	T 10
F 11	19 18 41	19°33'20	16°37	8°40	4°34	8°47	7°43	17°31	12°27	0°24	5°29	20° 2	18°47	14°22	6°39	F 11
S 12	19 22 38	20°30'32	29°12	10°21	5°37	9°28	7°46	17°33	12°29	0°24	5°31	19°57	18°44	14°29	6°44	S 12
S 13	19 26 34	21°27'44	11♈33	12° 1	6°40	10° 8	7°49	17°35	12°31	0°23	5°32	19°52	18°41	14°36	6°50	S 13
M14	19 30 31	22°24'57	23°41	13°39	7°42	10°48	7°51	17°38	12°32	0°23	5°34	19°48	18°37	14°42	6°55	M14
T 15	19 34 27	23°22'10	5♈39	15°14	8°46	11°28	7°54	17°40	12°34	0°23	5°36	19°45	18°34	14°49	7° 1	T 15
W16	19 38 24	24°19'23	17°32	16°48	9°49	12° 8	7°56	17°43	12°35	0°22	5°37	19°44	18°31	14°56	7° 7	W16
T 17	19 42 20	25°16'37	29°25	18°19	10°53	12°48	7°58	17°45	12°37	0°22	5°39	19°D44	18°28	15° 2	7°12	T 17
F 18	19 46 17	26°13'52	11♉21	19°49	11°57	13°28	8° 0	17°48	12°39	0°21	5°41	19°44	18°25	15° 9	7°18	F 18
S 19	19 50 13	27°11'07	23°27	21°16	13° 1	14° 8	8° 2	17°51	12°40	0°21	5°42	19°46	18°22	15°16	7°23	S 19
S 20	19 54 10	28° 8'23	5♊46	22°41	14° 5	14°48	8° 3	17°54	12°41	0°20	5°44	19°47	18°18	15°23	7°29	S 20
M21	19 58 7	29° 5'39	18°23	24° 5	15°10	15°28	8° 5	17°57	12°43	0°20	5°46	19°R48	18°15	15°29	7°34	M21
T 22	20 2 3	0♌ 2'56	1♋21	25°26	16°14	16° 7	8° 6	18° 0	12°44	0°19	5°47	19°48	18°12	15°36	7°40	T 22
W23	20 6 0	1° 0'14	14°41	26°44	17°19	16°47	8° 7	18° 3	12°45	0°18	5°49	19°45	18° 9	15°43	7°45	W23
T 24	20 9 56	1°57'33	28°22	28° 1	18°24	17°27	8° 8	18° 7	12°47	0°18	5°51	19°41	18° 6	15°49	7°51	T 24
F 25	20 13 53	2°54'51	12♌23	29°15	19°30	18° 7	8° 8	18°10	12°48	0°17	5°52	19°35	18° 3	15°56	7°56	F 25
S 26	20 17 49	3°52'11	26°39	0♍27	20°35	18°46	8° 9	18°14	12°49	0°16	5°54	19°29	17°59	16° 3	8° 2	S 26
S 27	20 21 46	4°49'30	11♍ 5	1°36	21°41	19°26	8°R 9	18°17	12°50	0°16	5°56	19°22	17°56	16°10	8° 7	S 27
M28	20 25 43	5°46'51	25°34	2°43	22°47	20° 5	8° 9	18°21	12°51	0°15	5°58	19°16	17°53	16°16	8°12	M28
T 29	20 29 39	6°44'11	10♎ 1	3°47	23°53	20°45	8° 9	18°24	12°52	0°14	5°59	19°11	17°50	16°23	8°18	T 29
W30	20 33 36	7°41'32	24°22	4°49	24°59	21°24	8° 8	18°28	12°53	0°13	6° 1	19° 9	17°47	16°30	8°23	W30
T 31	20 37 32	8♌38'53	8♏33	5♍47	26♊ 5	22♋ 4	8♈ 8	18♎32	12♉54	0♈12	6♌ 3	19°D 8	17♊43	16♈36	8♋28	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	23n 2	5n 6	5n11	23n45	1n50	15n52	3s 5	24n 3	0n40	1n37	1s17	4s25	2n32	15n 3	0s26	0s58	1s14	22n42	3n53	23n 3	22n59	0n53	17n32	5s46	T 1
W 2	22 58	0s49	4 50	23 29	1 52	16 6	3 5	24 3	0 40	1 39	1 17	4 26	2 31	15 3	0 26	0 58	1 14	22 42	3 53	23 3	22 59	0 56	17 31	5 46	W 2
T 3	22 53	6 42	4 10	23 10	1 53	16 20	3 5	24 3	0 41	1 40	1 17	4 27	2 31	15 4	0 26	0 58	1 14	22 42	3 53	23 3	22 59	0 59	17 31	5 46	T 3
F 4	22 48	12 14	3 16	22 49	1 53	16 34	3 5	24 2	0 41	1 42	1 17	4 28	2 31	15 5	0 26	0 58	1 14	22 41	3 53	23 3	22 58	1 2	17 31	5 47	F 4
S 5	22 42	17 5	2 10	22 26	1 53	16 48	3 4	24 1	0 42	1 43	1 18	4 28	2 31	15 5	0 26	0 59	1 15	22 41	3 53	23 3	22 58	1 5	17 30	5 47	S 5
S 6	22 36	20 58	0 57	22 2	1 52	17 1	3 4	24 0	0 42	1 45	1 18	4 29	2 30	15 6	0 26	0 59	1 15	22 41	3 53	23 3	22 58	1 8	17 30	5 47	S 6
M 7	22 29	23 34	0s19	21 36	1 51	17 15	3 3	23 59	0 43	1 46	1 18	4 30	2 30	15 6	0 26	0 59	1 15	22 40	3 53	23 3	22 58	1 11	17 29	5 47	M 7
T 8	22 22	24 45	1 32	21 8	1 48	17 28	3 2	23 57	0 43	1 47	1 19	4 31	2 30	15 7	0 26	0 59	1 15	22 40	3 53	23 3	22 57	1 14	17 29	5 47	T 8
W 9	22 15	24 27	2 39	20 40	1 46	17 41	3 1	23 56	0 44	1 48	1 19	4 32	2 30	15 7	0 26	0 59	1 15	22 39	3 53	23 3	22 57	1 17	17 29	5 47	W 9
T 10	22 7	22 47	3 36	20 10	1 42	17 54	3 0	23 54	0 44	1 49	1 19	4 33	2 29	15 8	0 26	0 59	1 15	22 39	3 53	23 3	22 57	1 20	17 28	5 47	T 10
F 11	21 59	19 59	4 21	19 39	1 38	18 6	2 59	23 52	0 44	1 50	1 19	4 34	2 29	15 9	0 26	0 59	1 15	22 39	3 53	23 2	22 57	1 23	17 28	5 48	F 11
S 12	21 51	16 17	4 52	19 8	1 34	18 18	2 57	23 50	0 45	1 51	1 20	4 35	2 29	15 9	0 26	0 59	1 15	22 38	3 53	23 2	22 56	1 26	17 27	5 48	S 12
S 13	21 42	11 59	5 9	18 35	1 28	18 30	2 56	23 47	0 45	1 52	1 20	4 36	2 29	15 10	0 26	1 0	1 15	22 38	3 53	23 2	22 56	1 28	17 27	5 48	S 13
M14	21 33	7 16	5 11	18 2	1 23	18 42	2 55	23 44	0 46	1 53	1 20	4 37	2 28	15 10	0 26	1 0	1 15	22 38	3 53	23 1	22 56	1 31	17 26	5 48	M14
T 15	21 24	2 21	5 0	17 28	1 17	18 54	2 53	23 41	0 46	1 54	1 21	4 39	2 28	15 11	0 26	1 0	1 15	22 37	3 53	23 1	22 55	1 34	17 26	5 48	T 15
W16	21 14	2n37	4 36	16 54	1 10	19 5	2 51	23 38	0 47	1 54	1 21	4 40	2 28	15 11	0 26	1 0	1 15	22 37	3 53	23 1	22 55	1 37	17 26	5 48	W16
T 17	21 4	7 30	4 0	16 19	1 3	19 16	2 49	23 35	0 47	1 55	1 21	4 41	2 28	15 11	0 26	1 0	1 15	22 36	3 53	23 1	22 55	1 40	17 25	5 49	T 17
F 18	20 53	12 9	3 14	15 44	0 55	19 26	2 47	23 32	0 48	1 55	1 21	4 42	2 27	15 12	0 26	1 1	1 15	22 36	3 53	23 1	22 55	1 43	17 25	5 49	F 18
S 19	20 42	16 23	2 18	15 9	0 47	19 36	2 45	23 28	0 48	1 56	1 22	4 44	2 27	15 12	0 26	1 1	1 15	22 36	3 53	23 1	22 54	1 46	17 24	5 49	S 19
S 20	20 31	20 0	1 16	14 33	0 39	19 46	2 43	23 24	0 49	1 56	1 22	4 45	2 27	15 13	0 26	1 1	1 15	22 35	3 54	23 1	22 54	1 49	17 24	5 49	S 20
M21	20 19	22 47	0 8	13 58	0 30	19 55	2 41	23 20	0 49	1 56	1 22	4 46	2 27	15 13	0 26	1 1	1 15	22 35	3 54	23 1	22 54	1 52	17 23	5 49	M21
T 22	20 7	24 27	1n 2	13 22	0 21	20 4	2 39	23 16	0 50	1 57	1 23	4 48	2 26	15 14	0 26	1 2	1 15	22 35	3 54	23 1	22 54	1 55	17 22	5 50	T 22
W23	19 55	24 46	2 11	12 46	0 12	20 13	2 37	23 11	0 50	1 57	1 23	4 49	2 26	15 14	0 26	1 2	1 15	22 34	3 54	23 1	22 53	1 58	17 22	5 50	W23
T 24	19 42	23 37	3 13	12 11	0 2	20 21	2 34	23 7	0 51	1 57	1 23	4 51	2 26	15 14	0 26	1 2	1 15	22 34	3 54	23 1	22 53	2 1	17 21	5 50	T 24
F 25	19 29	21 0	4 6	11 36	0s 8	20 29	2 32	23 2	0 51	1 57	1 24	4 52	2 26	15 15	0 26	1 3	1 15	22 34	3 54	23 0	22 53	2 4	17 21	5 50	F 25
S 26	19 16	17 4	4 44	11 1	0 19	20 36	2 29	22 57	0 51	1 57	1 24	4 54	2 26	15 15	0 26	1 3	1 16	22 33	3 54	23 0	22 52	2 7	17 20	5 51	S 26
S 27	19 2	12 6	5 5	10 26	0 29	20 43	2 26	22 52	0 52	1 56	1 24	4 55	2 25	15 15	0 26	1 3	1 16	22 33	3 54	22 59	22 52	2 10	17 20	5 51	S 27
M28	18 48	6 26	5 6	9 52	0 40	20 50	2 24	22 47	0 52	1 56	1 24	4 57	2 25	15 16	0 26	1 4	1 16	22 32	3 54	22 59	22 52	2 12	17 19	5 51	M28
T 29	18 34	0 27	4 48	9 19	0 51	20 56	2 21	22 41	0 53	1 56	1 25	4 58	2 25	15 16	0 26	1 4	1 16	22 32	3 54	22 59	22 52	2 15	17 19	5 52	T 29
W30	18 20	5s32	4 12	8 46	1 3	21 1	2 18	22 35	0 53	1 55	1 25	5 0	2 25	15 16	0 27	1 4	1 16	22 32	3 54	22 58	22 51	2 18	17 18	5 52	W30
T 31	18n 5	11s10	3n21	8n14	1s14	21n 6	2s15	22n30	0n54	1n55	1s25	5s 2	2n24	15n16	0s27	1s 5	1s16	22n31	3n54	22n58	22n51	2n21	17n17	5s52	T 31

Julian Day Number = 2520392.5, Delta T = 152.17 sec
Ecliptic obliquity = 23°24'55, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°22'28, Lahiri = 26°29'28

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2188
geocentric

AUGUST 2188 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 41 29	9♌36'15	22♏33	6♍43	27♊12	22♋43	8°R 7	18♎36	12♉55	0°R11	6♌ 4	19♊ 8	17♊40	16♈43	8♋33	F 1
S 2	20 45 25	10°33'38	6♐21	7°36	28°18	23°23	8♈ 6	18°40	12°55	0♈10	6° 6	19° 9	17°37	16°50	8°39	S 2
S 3	20 49 22	11°31'01	19°57	8°25	29°25	24° 2	8° 5	18°44	12°56	0°10	6° 8	19°R10	17°34	16°56	8°44	S 3
M 4	20 53 18	12°28'24	3♑22	9°12	0♋32	24°41	8° 3	18°49	12°57	0° 9	6° 9	19° 9	17°31	17° 3	8°49	M 4
T 5	20 57 15	13°25'48	16°35	9°54	1°39	25°20	8° 2	18°53	12°57	0° 8	6°11	19° 6	17°28	17°10	8°54	T 5
W 6	21 1 12	14°23'13	29°37	10°33	2°47	26° 0	8° 0	18°57	12°58	0° 7	6°13	19° 0	17°24	17°17	8°59	W 6
T 7	21 5 8	15°20'39	12♒27	11° 8	3°54	26°39	7°58	19° 2	12°59	0° 6	6°14	18°53	17°21	17°23	9° 4	T 7
F 8	21 9 5	16°18'06	25° 4	11°39	5° 2	27°18	7°56	19° 6	12°59	0° 4	6°16	18°43	17°18	17°30	9° 9	F 8
S 9	21 13 1	17°15'34	7♓30	12° 6	6° 9	27°57	7°53	19°11	13° 0	0° 3	6°18	18°33	17°15	17°37	9°14	S 9
S 10	21 16 58	18°13'02	19°44	12°28	7°17	28°36	7°51	19°15	13° 0	0° 2	6°19	18°22	17°12	17°43	9°19	S 10
M11	21 20 54	19°10'32	1♈47	12°46	8°25	29°15	7°48	19°20	13° 0	0° 1	6°21	18°13	17° 9	17°50	9°24	M11
T 12	21 24 51	20° 8'03	13°43	12°59	9°33	29°54	7°45	19°25	13° 1	29♓59	6°23	18° 5	17° 5	17°57	9°29	T 12
W13	21 28 47	21° 5'36	25°35	13° 6	10°42	0♌33	7°42	19°30	13° 1	29°59	6°24	17°59	17° 2	18° 4	9°33	W13
T 14	21 32 44	22° 3'10	7♉25	13°R 9	11°50	1°12	7°39	19°35	13° 1	29°58	6°26	17°56	16°59	18°10	9°38	T 14
F 15	21 36 41	23° 0'45	19°20	13° 6	12°58	1°51	7°35	19°40	13° 1	29°56	6°28	17°D55	16°56	18°17	9°43	F 15
S 16	21 40 37	23°58'22	1♊24	12°58	14° 7	2°30	7°32	19°45	13° 1	29°55	6°29	17°55	16°53	18°24	9°48	S 16
S 17	21 44 34	24°56'00	13°42	12°44	15°16	3° 9	7°28	19°50	13° 1	29°54	6°31	17°R56	16°49	18°30	9°52	S 17
M18	21 48 30	25°53'40	26°20	12°25	16°25	3°48	7°24	19°55	13°R 1	29°53	6°33	17°55	16°46	18°37	9°57	M18
T 19	21 52 27	26°51'21	9♋21	12° 0	17°34	4°26	7°20	20° 0	13° 1	29°51	6°34	17°53	16°43	18°44	10° 1	T 19
W20	21 56 23	27°49'04	22°49	11°30	18°43	5° 5	7°15	20° 6	13° 1	29°50	6°36	17°49	16°40	18°50	10° 6	W20
T 21	22 0 20	28°46'48	6♌44	10°55	19°52	5°44	7°11	20°11	13° 1	29°49	6°37	17°43	16°37	18°57	10°10	T 21
F 22	22 4 16	29°44'33	21° 4	10°15	21° 2	6°23	7° 6	20°16	13° 1	29°47	6°39	17°34	16°34	19° 4	10°15	F 22
S 23	22 8 13	0♍42'20	5♍43	9°31	22°11	7° 1	7° 1	20°22	13° 1	29°46	6°41	17°23	16°30	19°11	10°19	S 23
S 24	22 12 10	1°40'09	20°34	8°43	23°21	7°40	6°56	20°28	13° 0	29°44	6°42	17°13	16°27	19°17	10°23	S 24
M25	22 16 6	2°37'58	5♎28	7°52	24°30	8°18	6°51	20°33	13° 0	29°43	6°44	17° 3	16°24	19°24	10°28	M25
T 26	22 20 3	3°35'49	20°17	6°59	25°40	8°57	6°45	20°39	13° 0	29°42	6°45	16°55	16°21	19°31	10°32	T 26
W27	22 23 59	4°33'41	4♏54	6° 6	26°50	9°35	6°40	20°45	12°59	29°40	6°47	16°50	16°18	19°37	10°36	W27
T 28	22 27 56	5°31'34	19°13	5°12	28° 0	10°14	6°34	20°50	12°59	29°39	6°48	16°48	16°14	19°44	10°40	T 28
F 29	22 31 52	6°29'29	3♐14	4°19	29°10	10°52	6°28	20°56	12°58	29°37	6°50	16°D47	16°11	19°51	10°44	F 29
S 30	22 35 49	7°27'25	16°55	3°28	0♌21	11°31	6°22	21° 2	12°58	29°36	6°51	16°R47	16° 8	19°57	10°48	S 30
S 31	22 39 45	8♍25'22	0♑19	2♍41	1♌31	12♌ 9	6♈16	21♎ 8	12♉57	29♓34	6♌53	16♊46	16♊ 5	20♈ 4	10♋52	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	17n50	16s10	2n18	7n42	1s26	21n11	2s12	22n24	0n54	1n54	1s26	5s 3	2n24	15n17	0s27	1s 5	1s16	22n31	3n54	22n58	22n51	2n24	17n17	5s52	F 1
S 2	17 34	20 13	1 8	7 12	1 38	21 15	2 9	22 17	0 55	1 54	1 26	5 5	2 24	15 17	0 27	1 5	1 16	22 31	3 54	22 58	22 50	2 27	17 16	5 53	S 2
S 3	17 19	23 6	0s 4	6 42	1 50	21 19	2 6	22 11	0 55	1 53	1 26	5 7	2 24	15 17	0 27	1 6	1 16	22 30	3 54	22 58	22 50	2 30	17 15	5 53	S 3
M 4	17 3	24 38	1 16	6 14	2 2	21 22	2 3	22 4	0 55	1 52	1 26	5 9	2 24	15 17	0 27	1 6	1 16	22 30	3 55	22 58	22 50	2 33	17 15	5 53	M 4
T 5	16 46	24 44	2 22	5 47	2 14	21 24	2 0	21 58	0 56	1 51	1 27	5 11	2 23	15 17	0 27	1 7	1 16	22 30	3 55	22 58	22 49	2 36	17 14	5 54	T 5
W 6	16 30	23 27	3 19	5 21	2 26	21 26	1 57	21 51	0 56	1 50	1 27	5 12	2 23	15 18	0 27	1 7	1 16	22 29	3 55	22 58	22 49	2 39	17 13	5 54	W 6
T 7	16 13	20 58	4 5	4 56	2 38	21 28	1 54	21 44	0 57	1 49	1 27	5 14	2 23	15 18	0 27	1 8	1 16	22 29	3 55	22 57	22 49	2 42	17 13	5 54	T 7
F 8	15 56	17 31	4 39	4 34	2 50	21 29	1 50	21 37	0 57	1 48	1 28	5 16	2 23	15 18	0 27	1 8	1 16	22 29	3 55	22 56	22 49	2 45	17 12	5 55	F 8
S 9	15 39	13 22	4 58	4 12	3 2	21 29	1 47	21 29	0 58	1 47	1 28	5 18	2 23	15 18	0 27	1 8	1 16	22 28	3 55	22 55	22 48	2 48	17 11	5 55	S 9
S 10	15 21	8 43	5 4	3 53	3 14	21 29	1 44	21 22	0 58	1 46	1 28	5 20	2 22	15 18	0 27	1 9	1 16	22 28	3 55	22 54	22 48	2 51	17 11	5 55	S 10
M11	15 3	3 48	4 55	3 36	3 25	21 29	1 40	21 14	0 58	1 44	1 28	5 22	2 22	15 18	0 27	1 9	1 16	22 28	3 55	22 54	22 48	2 54	17 10	5 56	M11
T 12	14 45	1n12	4 34	3 21	3 36	21 28	1 37	21 6	0 59	1 43	1 29	5 24	2 22	15 18	0 27	1 10	1 16	22 27	3 55	22 53	22 47	2 57	17 9	5 56	T 12
W13	14 27	6 8	4 1	3 8	3 47	21 26	1 33	20 59	0 59	1 41	1 29	5 26	2 22	15 18	0 27	1 10	1 16	22 27	3 55	22 52	22 47	3 0	17 9	5 56	W13
T 14	14 9	10 51	3 18	2 58	3 57	21 24	1 30	20 50	1 0	1 40	1 29	5 28	2 22	15 18	0 27	1 11	1 16	22 27	3 55	22 52	22 47	3 3	17 8	5 57	T 14
F 15	13 50	15 12	2 26	2 50	4 6	21 21	1 27	20 42	1 0	1 38	1 29	5 30	2 21	15 18	0 27	1 11	1 16	22 26	3 55	22 52	22 46	3 6	17 7	5 57	F 15
S 16	13 31	19 0	1 27	2 45	4 15	21 17	1 23	20 34	1 0	1 37	1 30	5 32	2 21	15 18	0 27	1 12	1 16	22 26	3 56	22 52	22 46	3 8	17 7	5 58	S 16
S 17	13 12	22 3	0 22	2 43	4 23	21 14	1 20	20 25	1 1	1 35	1 30	5 34	2 21	15 18	0 27	1 13	1 16	22 26	3 56	22 52	22 46	3 11	17 6	5 58	S 17
M18	12 53	24 6	0n45	2 44	4 30	21 9	1 16	20 17	1 1	1 33	1 30	5 36	2 21	15 18	0 27	1 13	1 16	22 25	3 56	22 52	22 46	3 14	17 5	5 58	M18
T 19	12 33	24 56	1 51	2 49	4 35	21 4	1 12	20 8	1 2	1 31	1 31	5 38	2 21	15 18	0 27	1 14	1 16	22 25	3 56	22 52	22 45	3 17	17 4	5 59	T 19
W20	12 13	24 21	2 54	2 56	4 39	20 58	1 9	19 59	1 2	1 29	1 31	5 41	2 20	15 18	0 27	1 14	1 16	22 25	3 56	22 51	22 45	3 20	17 4	5 59	W20
T 21	11 53	22 15	3 48	3 7	4 42	20 52	1 5	19 50	1 2	1 27	1 31	5 43	2 20	15 18	0 27	1 15	1 17	22 24	3 56	22 51	22 45	3 23	17 3	6 0	T 21
F 22	11 33	18 44	4 30	3 20	4 44	20 45	1 2	19 40	1 3	1 25	1 31	5 45	2 20	15 18	0 27	1 15	1 17	22 24	3 56	22 50	22 44	3 26	17 2	6 0	F 22
S 23	11 13	13 59	4 55	3 37	4 43	20 38	0 58	19 31	1 3	1 23	1 31	5 47	2 20	15 18	0 27	1 16	1 17	22 24	3 56	22 49	22 44	3 29	17 1	6 0	S 23
S 24	10 52	8 20	5 1	3 57	4 41	20 30	0 55	19 22	1 4	1 21	1 32	5 50	2 20	15 18	0 27	1 16	1 17	22 23	3 56	22 48	22 44	3 32	17 1	6 1	S 24
M25	10 32	2 12	4 46	4 19	4 37	20 22	0 51	19 12	1 4	1 18	1 32	5 52	2 20	15 18	0 27	1 17	1 17	22 23	3 57	22 47	22 43	3 35	17 0	6 1	M25
T 26	10 11	4s 1	4 12	4 44	4 31	20 13	0 48	19 2	1 4	1 16	1 32	5 54	2 19	15 18	0 27	1 18	1 17	22 23	3 57	22 46	22 43	3 38	16 59	6 2	T 26
W27	9 50	9 58	3 22	5 11	4 23	20 3	0 44	18 52	1 5	1 14	1 32	5 56	2 19	15 18	0 27	1 18	1 17	22 23	3 57	22 46	22 43	3 41	16 58	6 2	W27
T 28	9 29	15 16	2 20	5 40	4 13	19 53	0 40	18 42	1 5	1 11	1 33	5 59	2 19	15 17	0 27	1 19	1 17	22 22	3 57	22 46	22 42	3 44	16 58	6 3	T 28
F 29	9 7	19 37	1 11	6 10	4 2	19 42	0 37	18 32	1 5	1 9	1 33	6 1	2 19	15 17	0 27	1 19	1 17	22 22	3 57	22 46	22 42	3 47	16 57	6 3	F 29
S 30	8 46	22 47	0s 1	6 40	3 49	19 31	0 33	18 22	1 6	1 6	1 33	6 3	2 19	15 17	0 27	1 20	1 17	22 22	3 57	22 46	22 42	3 50	16 56	6 4	S 30
S 31	8n24	24s36	1s11	7n11	3s34	19n19	0s30	18n12	1n 6	1n 4	1s33	6s 6	2n19	15n17	0s27	1s21	1s17	22n21	3n57	22n46	22n41	3n53	16n55	6s 4	S 31

Julian Day Number = 2520423.5, Delta T = 152.25 sec
Ecliptic obliquity = 23°24'55, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°22'32, Lahiri = 26°29'33

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2188
geocentric

SEPTEMBER 2188 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 43 42	9♍23'20	13♉27	1°R59	2♌41	12♌47	6°R10	21♎14	12°R56	29°R33	6♌54	16°R44	16♊ 2	20♈11	10♋56	M 1
T 2	22 47 39	10°21'19	26°21	1♍21	3°52	13°26	6♈ 3	21°20	12♉56	29♓31	6°56	16♊40	15°59	20°18	10°59	T 2
W 3	22 51 35	11°19'20	9♒ 4	0°50	5° 2	14° 4	5°57	21°26	12°55	29°30	6°57	16°32	15°55	20°24	11° 3	W 3
T 4	22 55 32	12°17'23	21°36	0°26	6°13	14°42	5°50	21°33	12°54	29°28	6°59	16°22	15°52	20°31	11° 7	T 4
F 5	22 59 28	13°15'27	3♓58	0°10	7°24	15°20	5°43	21°39	12°53	29°26	7° 0	16° 9	15°49	20°38	11°10	F 5
S 6	23 3 25	14°13'32	16°12	0°D 2	8°35	15°58	5°37	21°45	12°52	29°25	7° 1	15°56	15°46	20°44	11°14	S 6
S 7	23 7 21	15°11'39	28°17	0° 2	9°46	16°36	5°30	21°51	12°51	29°23	7° 3	15°42	15°43	20°51	11°17	S 7
M 8	23 11 18	16° 9'48	10♈15	0°11	10°57	17°15	5°23	21°58	12°50	29°22	7° 4	15°29	15°40	20°58	11°21	M 8
T 9	23 15 14	17° 7'59	22° 7	0°29	12° 8	17°53	5°15	22° 4	12°49	29°20	7° 6	15°18	15°36	21° 4	11°24	T 9
W10	23 19 11	18° 6'12	3♉57	0°55	13°19	18°31	5° 8	22°11	12°48	29°18	7° 7	15°10	15°33	21°11	11°27	W10
T 11	23 23 7	19° 4'26	15°46	1°30	14°31	19° 9	5° 1	22°17	12°47	29°17	7° 8	15° 5	15°30	21°18	11°31	T 11
F 12	23 27 4	20° 2'43	27°39	2°14	15°42	19°47	4°53	22°24	12°46	29°15	7°10	15° 3	15°27	21°24	11°34	F 12
S 13	23 31 1	21° 1'02	9♊41	3° 5	16°54	20°24	4°46	22°30	12°45	29°14	7°11	15° 2	15°24	21°31	11°37	S 13
S 14	23 34 57	21°59'23	21°56	4° 4	18° 5	21° 2	4°38	22°37	12°43	29°12	7°12	15° 2	15°20	21°38	11°40	S 14
M15	23 38 54	22°57'45	4♋31	5°10	19°17	21°40	4°30	22°43	12°42	29°10	7°14	15° 1	15°17	21°45	11°43	M15
T 16	23 42 50	23°56'10	17°30	6°23	20°29	22°18	4°23	22°50	12°41	29° 9	7°15	15° 0	15°14	21°51	11°46	T 16
W17	23 46 47	24°54'38	0♌56	7°41	21°41	22°56	4°15	22°57	12°39	29° 7	7°16	14°56	15°11	21°58	11°49	W17
T 18	23 50 43	25°53'07	14°52	9° 6	22°53	23°34	4° 7	23° 4	12°38	29° 5	7°17	14°49	15° 8	22° 5	11°51	T 18
F 19	23 54 40	26°51'38	29°17	10°35	24° 5	24°11	3°59	23°10	12°36	29° 4	7°18	14°40	15° 5	22°11	11°54	F 19
S 20	23 58 36	27°50'11	14♍ 7	12° 8	25°17	24°49	3°51	23°17	12°35	29° 2	7°20	14°30	15° 1	22°18	11°57	S 20
S 21	0 2 33	28°48'47	29°13	13°45	26°29	25°27	3°43	23°24	12°33	29° 0	7°21	14°19	14°58	22°25	11°59	S 21
M22	0 6 30	29°47'24	14♎26	15°25	27°42	26° 4	3°35	23°31	12°32	28°59	7°22	14° 9	14°55	22°31	12° 2	M22
T 23	0 10 26	0♎46'02	29°35	17° 7	28°54	26°42	3°27	23°38	12°30	28°57	7°23	14° 1	14°52	22°38	12° 4	T 23
W24	0 14 23	1°44'43	14♏30	18°52	0♍ 7	27°19	3°19	23°45	12°28	28°55	7°24	13°55	14°49	22°45	12° 6	W24
T 25	0 18 19	2°43'26	29° 4	20°38	1°19	27°57	3°11	23°52	12°27	28°54	7°25	13°53	14°46	22°52	12° 8	T 25
F 26	0 22 16	3°42'10	13♐15	22°26	2°32	28°34	3° 3	23°59	12°25	28°52	7°26	13°D52	14°42	22°58	12°11	F 26
S 27	0 26 12	4°40'56	27° 0	24°15	3°44	29°12	2°55	24° 6	12°23	28°50	7°27	13°52	14°39	23° 5	12°13	S 27
S 28	0 30 9	5°39'44	10♑22	26° 4	4°57	29°49	2°47	24°13	12°21	28°49	7°28	13°R52	14°36	23°12	12°15	S 28
M29	0 34 5	6°38'33	23°24	27°53	6°10	0♍27	2°39	24°20	12°20	28°47	7°29	13°51	14°33	23°18	12°17	M29
T 30	0 38 2	7♎37'24	6♒ 8	29♍43	7♍23	1♍ 4	2♈31	24♎27	12♉18	28♓45	7♌30	13♊47	14♊30	23♈25	12♋18	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	8n 2	24s59	2s16	7n41	3s18	19n 7	0s26	18n 1	1n 7	1n 1	1s33	6s 8	2n19	15n17	0s27	1s21	1s17	22n21	3n57	22n45	22n41	3n56	16n55	6s 5
T 2	7 41	24 1	3 13	8 10	3 1	18 54	0 23	17 51	1 7	0 58	1 34	6 10	2 18	15 16	0 27	1 22	1 17	22 21	3 57	22 45	22 41	3 59	16 54	6 5
W 3	7 19	21 48	3 59	8 37	2 43	18 40	0 19	17 40	1 7	0 56	1 34	6 13	2 18	15 16	0 27	1 23	1 17	22 21	3 58	22 44	22 40	4 2	16 53	6 6
T 4	6 57	18 35	4 33	9 3	2 24	18 27	0 16	17 29	1 8	0 53	1 34	6 15	2 18	15 16	0 27	1 23	1 17	22 20	3 58	22 43	22 40	4 5	16 52	6 6
F 5	6 34	14 35	4 53	9 27	2 5	18 12	0 13	17 18	1 8	0 50	1 34	6 18	2 18	15 16	0 27	1 24	1 17	22 20	3 58	22 42	22 40	4 8	16 51	6 7
S 6	6 12	10 2	5 0	9 47	1 46	17 57	0 9	17 7	1 8	0 47	1 34	6 20	2 18	15 15	0 27	1 25	1 17	22 20	3 58	22 40	22 39	4 11	16 51	6 7
S 7	5 50	5 9	4 52	10 5	1 27	17 42	0 6	16 56	1 9	0 44	1 34	6 23	2 18	15 15	0 27	1 25	1 17	22 20	3 58	22 39	22 39	4 13	16 50	6 8
M 8	5 27	0 8	4 33	10 19	1 9	17 26	0 2	16 45	1 9	0 41	1 35	6 25	2 18	15 15	0 27	1 26	1 17	22 19	3 58	22 38	22 39	4 16	16 49	6 8
T 9	5 5	4n53	4 1	10 30	0 50	17 9	0n 1	16 34	1 9	0 38	1 35	6 28	2 17	15 14	0 27	1 27	1 17	22 19	3 58	22 36	22 38	4 19	16 48	6 9
W10	4 42	9 42	3 19	10 37	0 33	16 52	0 4	16 22	1 10	0 35	1 35	6 30	2 17	15 14	0 27	1 27	1 17	22 19	3 59	22 36	22 38	4 22	16 48	6 9
T 11	4 19	14 11	2 28	10 41	0 16	16 35	0 7	16 11	1 10	0 32	1 35	6 33	2 17	15 14	0 27	1 28	1 17	22 19	3 59	22 35	22 38	4 25	16 47	6 10
F 12	3 56	18 9	1 31	10 40	0n 0	16 17	0 11	15 59	1 11	0 29	1 35	6 35	2 17	15 13	0 27	1 28	1 17	22 19	3 59	22 35	22 37	4 28	16 46	6 10
S 13	3 33	21 25	0 28	10 36	0 15	15 58	0 14	15 47	1 11	0 26	1 35	6 38	2 17	15 13	0 27	1 29	1 17	22 18	3 59	22 35	22 37	4 31	16 45	6 11
S 14	3 10	23 47	0n37	10 28	0 29	15 40	0 17	15 36	1 11	0 23	1 35	6 40	2 17	15 13	0 27	1 30	1 17	22 18	3 59	22 35	22 37	4 34	16 44	6 11
M15	2 47	25 2	1 41	10 16	0 42	15 20	0 20	15 24	1 12	0 20	1 35	6 43	2 17	15 12	0 27	1 30	1 17	22 18	3 59	22 35	22 36	4 37	16 44	6 12
T 16	2 24	24 58	2 43	10 0	0 54	15 1	0 23	15 12	1 12	0 17	1 35	6 45	2 17	15 12	0 27	1 31	1 17	22 18	3 59	22 34	22 36	4 40	16 43	6 12
W17	2 1	23 28	3 38	9 41	1 5	14 40	0 26	15 0	1 12	0 14	1 36	6 48	2 17	15 11	0 27	1 32	1 17	22 18	3 59	22 34	22 36	4 43	16 42	6 13
T 18	1 38	20 31	4 22	9 18	1 14	14 20	0 29	14 48	1 13	0 10	1 36	6 50	2 17	15 11	0 27	1 32	1 17	22 17	4 0	22 33	22 35	4 46	16 41	6 13
F 19	1 15	16 15	4 51	8 52	1 23	13 59	0 32	14 36	1 13	0 7	1 36	6 53	2 16	15 10	0 27	1 33	1 17	22 17	4 0	22 32	22 35	4 49	16 40	6 14
S 20	0 52	10 52	5 1	8 23	1 30	13 37	0 35	14 23	1 13	0 4	1 36	6 56	2 16	15 10	0 27	1 34	1 17	22 17	4 0	22 31	22 35	4 52	16 40	6 15
S 21	0 28	4 46	4 51	7 52	1 36	13 16	0 37	14 11	1 14	0 1	1 36	6 58	2 16	15 9	0 27	1 34	1 17	22 17	4 0	22 30	22 34	4 55	16 39	6 15
M22	0 5	1s41	4 21	7 18	1 41	12 53	0 40	13 58	1 14	0s 2	1 36	7 1	2 16	15 9	0 27	1 35	1 17	22 17	4 0	22 29	22 34	4 58	16 38	6 16
T 23	0s18	8 0	3 32	6 42	1 45	12 31	0 43	13 46	1 14	0 6	1 36	7 3	2 16	15 8	0 27	1 36	1 17	22 17	4 0	22 28	22 33	5 1	16 37	6 16
W24	0 42	13 48	2 29	6 3	1 48	12 8	0 46	13 33	1 15	0 9	1 36	7 6	2 16	15 8	0 27	1 36	1 17	22 17	4 1	22 27	22 33	5 4	16 36	6 17
T 25	1 5	18 40	1 18	5 23	1 50	11 45	0 48	13 21	1 15	0 12	1 36	7 9	2 16	15 7	0 27	1 37	1 17	22 16	4 1	22 27	22 33	5 7	16 36	6 17
F 26	1 28	22 19	0 3	4 42	1 51	11 21	0 51	13 8	1 15	0 15	1 36	7 11	2 16	15 7	0 27	1 38	1 17	22 16	4 1	22 26	22 32	5 10	16 35	6 18
S 27	1 52	24 32	1s 9	3 59	1 52	10 57	0 53	12 55	1 16	0 19	1 36	7 14	2 16	15 6	0 27	1 38	1 17	22 16	4 1	22 27	22 32	5 13	16 34	6 19
S 28	2 15	25 16	2 16	3 16	1 51	10 33	0 55	12 42	1 16	0 22	1 36	7 17	2 16	15 6	0 27	1 39	1 17	22 16	4 1	22 27	22 32	5 16	16 33	6 19
M29	2 38	24 34	3 14	2 31	1 50	10 8	0 58	12 30	1 16	0 25	1 36	7 19	2 16	15 5	0 27	1 40	1 17	22 16	4 1	22 26	22 31	5 19	16 33	6 20
T 30	3s 1	22s36	4s 1	1n46	1n48	9n43	1n 0	12n17	1n17	0s28	1s36	7s22	2n16	15n 5	0s27	1s40	1s17	22n16	4n 1	22n26	22n31	5n22	16n32	6s20

Julian Day Number = 2520454.5, Delta T = 152.33 sec
Ecliptic obliquity = 23°24'56, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°22'37, Lahiri = 26°29'37

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2188
geocentric

OCTOBER 2188 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 41 59	8♎36'17	18♒38	1♎33	8♍36	1♍41	2°R23	24♎34	12°R16	28°R44	7♌31	13°R41	14♊26	23♈32	12♋20	W 1
T 2	0 45 55	9°35'11	0♓57	3°22	9°49	2°19	2♈15	24°41	12♉14	28♓42	7°32	13♊33	14°23	23°38	12°22	T 2
F 3	0 49 52	10°34'07	13° 7	5°11	11° 2	2°56	2° 7	24°48	12°12	28°41	7°33	13°22	14°20	23°45	12°23	F 3
S 4	0 53 48	11°33'05	25°10	7° 0	12°15	3°33	2° 0	24°55	12°10	28°39	7°34	13°10	14°17	23°52	12°25	S 4
S 5	0 57 45	12°32'05	7♈ 7	8°48	13°28	4°10	1°52	25° 3	12° 8	28°37	7°35	12°59	14°14	23°58	12°26	S 5
M 6	1 1 41	13°31'07	19° 0	10°35	14°41	4°47	1°44	25°10	12° 6	28°36	7°36	12°48	14°11	24° 5	12°28	M 6
T 7	1 5 38	14°30'11	0♉51	12°22	15°55	5°25	1°37	25°17	12° 4	28°34	7°37	12°39	14° 7	24°12	12°29	T 7
W 8	1 9 34	15°29'17	12°40	14° 8	17° 8	6° 2	1°29	25°24	12° 2	28°33	7°37	12°32	14° 4	24°19	12°30	W 8
T 9	1 13 31	16°28'26	24°31	15°53	18°22	6°39	1°22	25°31	11°59	28°31	7°38	12°28	14° 1	24°25	12°31	T 9
F 10	1 17 27	17°27'36	6♊26	17°38	19°35	7°16	1°14	25°39	11°57	28°30	7°39	12°26	13°58	24°32	12°32	F 10
S 11	1 21 24	18°26'49	18°30	19°22	20°49	7°53	1° 7	25°46	11°55	28°28	7°40	12°D26	13°55	24°39	12°33	S 11
S 12	1 25 21	19°26'04	0♋45	21° 5	22° 2	8°30	1° 0	25°53	11°53	28°26	7°40	12°27	13°51	24°45	12°34	S 12
M13	1 29 17	20°25'22	13°18	22°47	23°16	9° 6	0°52	26° 1	11°51	28°25	7°41	12°28	13°48	24°52	12°35	M13
T 14	1 33 14	21°24'42	26°12	24°29	24°30	9°43	0°45	26° 8	11°48	28°23	7°42	12°R28	13°45	24°59	12°36	T 14
W15	1 37 10	22°24'04	9♌32	26° 9	25°44	10°20	0°38	26°15	11°46	28°22	7°42	12°26	13°42	25° 5	12°36	W15
T 16	1 41 7	23°23'28	23°20	27°50	26°58	10°57	0°32	26°22	11°44	28°20	7°43	12°23	13°39	25°12	12°37	T 16
F 17	1 45 3	24°22'55	7♍37	29°29	28°11	11°34	0°25	26°30	11°41	28°19	7°43	12°18	13°36	25°19	12°37	F 17
S 18	1 49 0	25°22'23	22°21	1♏ 8	29°25	12°10	0°18	26°37	11°39	28°18	7°44	12°11	13°32	25°25	12°37	S 18
S 19	1 52 56	26°21'54	7♎25	2°46	0♎39	12°47	0°12	26°44	11°37	28°16	7°44	12° 4	13°29	25°32	12°38	S 19
M20	1 56 53	27°21'27	22°41	4°23	1°54	13°24	0° 6	26°52	11°34	28°15	7°45	11°57	13°26	25°39	12°38	M20
T 21	2 0 50	28°21'03	7♏57	6° 0	3° 8	14° 0	29♓59	26°59	11°32	28°13	7°45	11°52	13°23	25°45	12°R38	T 21
W22	2 4 46	29°20'40	23° 4	7°36	4°22	14°37	29°53	27° 6	11°30	28°12	7°46	11°48	13°20	25°52	12°38	W22
T 23	2 8 43	0♏20'19	7♐52	9°11	5°36	15°13	29°47	27°14	11°27	28°11	7°46	11°D47	13°17	25°59	12°38	T 23
F 24	2 12 39	1°20'00	22°16	10°46	6°50	15°50	29°42	27°21	11°25	28° 9	7°47	11°47	13°13	26° 6	12°38	F 24
S 25	2 16 36	2°19'43	6♑13	12°21	8° 5	16°26	29°36	27°28	11°22	28° 8	7°47	11°48	13°10	26°12	12°37	S 25
S 26	2 20 32	3°19'27	19°42	13°54	9°19	17° 3	29°31	27°35	11°20	28° 7	7°47	11°50	13° 7	26°19	12°37	S 26
M27	2 24 29	4°19'13	2♒47	15°27	10°33	17°39	29°26	27°43	11°18	28° 5	7°48	11°R51	13° 4	26°26	12°37	M27
T 28	2 28 25	5°19'01	15°30	17° 0	11°48	18°15	29°20	27°50	11°15	28° 4	7°48	11°50	13° 1	26°32	12°36	T 28
W29	2 32 22	6°18'50	27°56	18°32	13° 2	18°52	29°16	27°57	11°13	28° 3	7°48	11°48	12°57	26°39	12°36	W29
T 30	2 36 19	7°18'41	10♓ 9	20° 4	14°17	19°28	29°11	28° 4	11°10	28° 2	7°49	11°44	12°54	26°46	12°35	T 30
F 31	2 40 15	8♏18'33	22♓11	21♏35	15♎31	20♍ 4	29♓ 6	28♎12	11♉ 8	28♓ 1	7♌49	11♊39	12♊51	26♈52	12♋34	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	3s25	19s35	4s35	1n 0	1n46	9n18	1n 2	12n 4	1n17	0s31	1s36	7s24	2n16	15n 4	0s27	1s41	1s17	22n16	4n 2	22n25	22n31	5n25	16n31	6s21
T 2	3 48	15 44	4 56	0 14	1 43	8 53	1 4	11 51	1 17	0 34	1 36	7 27	2 15	15 3	0 27	1 42	1 17	22 16	4 2	22 24	22 30	5 28	16 30	6 22
F 3	4 11	11 17	5 3	0s32	1 40	8 27	1 7	11 37	1 17	0 37	1 36	7 30	2 15	15 3	0 27	1 42	1 17	22 16	4 2	22 23	22 30	5 30	16 30	6 22
S 4	4 34	6 27	4 57	1 18	1 36	8 1	1 9	11 24	1 18	0 40	1 36	7 32	2 15	15 2	0 27	1 43	1 17	22 16	4 2	22 21	22 29	5 33	16 29	6 23
S 5	4 57	1 25	4 37	2 5	1 32	7 35	1 10	11 11	1 18	0 43	1 36	7 35	2 15	15 2	0 27	1 44	1 17	22 15	4 2	22 20	22 29	5 36	16 28	6 23
M 6	5 20	3n39	4 5	2 51	1 27	7 8	1 12	10 58	1 18	0 46	1 36	7 38	2 15	15 1	0 27	1 44	1 17	22 15	4 2	22 19	22 29	5 39	16 27	6 24
T 7	5 43	8 35	3 23	3 37	1 22	6 41	1 14	10 44	1 19	0 49	1 36	7 40	2 15	15 0	0 27	1 45	1 17	22 15	4 3	22 17	22 28	5 42	16 27	6 25
W 8	6 6	13 12	2 32	4 23	1 17	6 14	1 16	10 31	1 19	0 52	1 36	7 43	2 15	15 0	0 27	1 46	1 17	22 15	4 3	22 17	22 28	5 45	16 26	6 25
T 9	6 28	17 21	1 35	5 9	1 12	5 47	1 18	10 18	1 19	0 55	1 36	7 46	2 15	14 59	0 27	1 46	1 17	22 15	4 3	22 16	22 28	5 48	16 25	6 26
F 10	6 51	20 50	0 32	5 54	1 6	5 20	1 19	10 4	1 20	0 58	1 35	7 48	2 15	14 58	0 27	1 47	1 17	22 15	4 3	22 16	22 27	5 51	16 25	6 27
S 11	7 13	23 28	0n33	6 39	1 0	4 53	1 21	9 51	1 20	1 1	1 35	7 51	2 15	14 58	0 27	1 47	1 17	22 15	4 3	22 16	22 27	5 54	16 24	6 27
S 12	7 36	25 2	1 37	7 23	0 54	4 25	1 22	9 37	1 20	1 4	1 35	7 54	2 15	14 57	0 27	1 48	1 17	22 15	4 3	22 16	22 26	5 57	16 23	6 28
M13	7 58	25 23	2 38	8 7	0 48	3 57	1 24	9 24	1 21	1 6	1 35	7 56	2 15	14 56	0 27	1 49	1 17	22 15	4 4	22 16	22 26	6 0	16 22	6 28
T 14	8 20	24 23	3 33	8 50	0 41	3 29	1 25	9 10	1 21	1 9	1 35	7 59	2 15	14 56	0 27	1 49	1 17	22 15	4 4	22 16	22 26	6 3	16 22	6 29
W15	8 43	22 0	4 19	9 33	0 35	3 1	1 26	8 56	1 21	1 12	1 35	8 1	2 15	14 55	0 27	1 50	1 17	22 15	4 4	22 16	22 25	6 6	16 21	6 30
T 16	9 5	18 18	4 51	10 15	0 28	2 33	1 27	8 43	1 21	1 14	1 35	8 4	2 15	14 54	0 27	1 50	1 17	22 15	4 4	22 15	22 25	6 9	16 20	6 30
F 17	9 27	13 27	5 7	10 57	0 22	2 4	1 28	8 29	1 22	1 17	1 35	8 7	2 15	14 54	0 27	1 51	1 17	22 15	4 4	22 15	22 25	6 12	16 20	6 31
S 18	9 48	7 41	5 3	11 37	0 15	1 36	1 29	8 15	1 22	1 19	1 35	8 9	2 15	14 53	0 27	1 51	1 17	22 15	4 4	22 14	22 24	6 15	16 19	6 32
S 19	10 10	1 20	4 39	12 18	0 8	1 7	1 30	8 1	1 22	1 22	1 34	8 12	2 15	14 52	0 27	1 52	1 17	22 15	4 5	22 13	22 24	6 18	16 19	6 32
M20	10 31	5s11	3 54	12 57	0 1	0 39	1 31	7 48	1 23	1 24	1 34	8 15	2 15	14 51	0 27	1 53	1 17	22 15	4 5	22 12	22 23	6 21	16 18	6 33
T 21	10 53	11 25	2 53	13 36	0s 6	0 10	1 32	7 34	1 23	1 27	1 34	8 17	2 15	14 51	0 27	1 53	1 17	22 15	4 5	22 11	22 23	6 24	16 17	6 33
W22	11 14	16 55	1 40	14 14	0 13	0s19	1 33	7 20	1 23	1 29	1 34	8 20	2 15	14 50	0 27	1 54	1 17	22 15	4 5	22 11	22 23	6 27	16 17	6 34
T 23	11 35	21 15	0 21	14 51	0 19	0 48	1 33	7 6	1 23	1 31	1 34	8 22	2 15	14 49	0 27	1 54	1 17	22 15	4 5	22 11	22 22	6 30	16 16	6 35
F 24	11 56	24 8	0s57	15 27	0 26	1 16	1 34	6 52	1 24	1 33	1 34	8 25	2 15	14 48	0 27	1 55	1 17	22 15	4 6	22 11	22 22	6 33	16 15	6 35
S 25	12 16	25 25	2 9	16 3	0 33	1 45	1 34	6 38	1 24	1 35	1 33	8 28	2 15	14 48	0 27	1 55	1 17	22 16	4 6	22 11	22 21	6 36	16 15	6 36
S 26	12 37	25 8	3 12	16 38	0 40	2 14	1 35	6 24	1 24	1 37	1 33	8 30	2 15	14 47	0 27	1 56	1 17	22 16	4 6	22 11	22 21	6 39	16 14	6 36
M27	12 57	23 27	4 2	17 12	0 46	2 43	1 35	6 10	1 25	1 39	1 33	8 33	2 15	14 46	0 27	1 56	1 17	22 16	4 6	22 11	22 21	6 42	16 14	6 37
T 28	13 17	20 37	4 39	17 45	0 53	3 12	1 35	5 56	1 25	1 41	1 33	8 35	2 15	14 45	0 27	1 57	1 17	22 16	4 6	22 11	22 20	6 44	16 13	6 38
W29	13 37	16 54	5 2	18 17	1 0	3 40	1 36	5 43	1 25	1 43	1 33	8 38	2 15	14 45	0 27	1 57	1 17	22 16	4 6	22 11	22 20	6 47	16 13	6 38
T 30	13 56	12 33	5 11	18 48	1 6	4 9	1 36	5 29	1 25	1 44	1 32	8 40	2 15	14 44	0 27	1 57	1 17	22 16	4 7	22 10	22 19	6 50	16 12	6 39
F 31	14s16	7s47	5s 6	19s18	1s12	4s38	1n36	5n15	1n26	1s46	1s32	8s43	2n15	14n43	0s27	1s58	1s17	22n16	4n 7	22n10	22n19	6n53	16n12	6s40

Julian Day Number = 2520484.5, Delta T = 152.40 sec
Ecliptic obliquity = 23°24'56, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°22'41, Lahiri = 26°29'41

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2188
geocentric

NOVEMBER 2188 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 44 12	9♏18'28	4♈ 7	23♏ 5	16♎46	20♍40	29°R 2	28♎19	11°R 5	27°R59	7♌49	11°R33	12♊48	26♈59	12°R33	S 1
S 2	2 48 8	10°18'24	15°59	24°35	18° 0	21°16	28♓58	28°26	11♉ 3	27♓58	7°49	11♊27	12°45	27° 6	12♋32	S 2
M 3	2 52 5	11°18'22	27°50	26° 5	19°15	21°52	28°54	28°33	11° 0	27°57	7°49	11°22	12°42	27°12	12°31	M 3
T 4	2 56 1	12°18'21	9♉41	27°34	20°29	22°28	28°50	28°40	10°58	27°56	7°49	11°17	12°38	27°19	12°30	T 4
W 5	2 59 58	13°18'23	21°34	29° 2	21°44	23° 4	28°46	28°48	10°55	27°55	7°50	11°14	12°35	27°26	12°29	W 5
T 6	3 3 54	14°18'26	3♊31	0♐30	22°59	23°40	28°43	28°55	10°53	27°54	7°50	11°13	12°32	27°32	12°28	T 6
F 7	3 7 51	15°18'32	15°34	1°58	24°14	24°16	28°39	29° 2	10°50	27°53	7°50	11°D12	12°29	27°39	12°26	F 7
S 8	3 11 48	16°18'39	27°46	3°24	25°28	24°52	28°36	29° 9	10°48	27°52	7°R50	11°13	12°26	27°46	12°25	S 8
S 9	3 15 44	17°18'48	10♋10	4°51	26°43	25°28	28°33	29°16	10°46	27°51	7°50	11°15	12°23	27°53	12°23	S 9
M10	3 19 41	18°19'00	22°47	6°16	27°58	26° 3	28°31	29°23	10°43	27°50	7°50	11°17	12°19	27°59	12°22	M10
T 11	3 23 37	19°19'13	5♌42	7°41	29°13	26°39	28°28	29°30	10°41	27°49	7°49	11°18	12°16	28° 6	12°20	T 11
W12	3 27 34	20°19'29	18°58	9° 5	0♏28	27°15	28°26	29°37	10°38	27°48	7°49	11°R18	12°13	28°13	12°18	W12
T 13	3 31 30	21°19'46	2♍38	10°28	1°43	27°50	28°24	29°44	10°36	27°48	7°49	11°18	12°10	28°19	12°17	T 13
F 14	3 35 27	22°20'05	16°41	11°51	2°58	28°26	28°22	29°51	10°33	27°47	7°49	11°17	12° 7	28°26	12°15	F 14
S 15	3 39 23	23°20'26	1♎ 8	13°12	4°13	29° 1	28°20	29°58	10°31	27°46	7°49	11°15	12° 3	28°33	12°13	S 15
S 16	3 43 20	24°20'50	15°54	14°33	5°28	29°37	28°19	0♏ 5	10°29	27°45	7°49	11°13	12° 0	28°39	12°11	S 16
M17	3 47 17	25°21'15	0♏55	15°52	6°43	0♎12	28°17	0°12	10°26	27°45	7°48	11°10	11°57	28°46	12° 9	M17
T 18	3 51 13	26°21'42	16° 1	17°10	7°58	0°47	28°16	0°19	10°24	27°44	7°48	11° 9	11°54	28°53	12° 6	T 18
W19	3 55 10	27°22'10	1♐ 3	18°27	9°13	1°23	28°16	0°25	10°22	27°43	7°48	11° 8	11°51	28°59	12° 4	W19
T 20	3 59 6	28°22'40	15°53	19°42	10°28	1°58	28°15	0°32	10°19	27°43	7°48	11°D 8	11°48	29° 6	12° 2	T 20
F 21	4 3 3	29°23'12	0♑24	20°54	11°43	2°33	28°14	0°39	10°17	27°42	7°47	11° 8	11°44	29°13	11°59	F 21
S 22	4 6 59	0♐23'45	14°30	22° 5	12°59	3° 8	28°14	0°46	10°15	27°41	7°47	11° 9	11°41	29°19	11°57	S 22
S 23	4 10 56	1°24'19	28° 9	23°14	14°14	3°43	28°D14	0°52	10°12	27°41	7°47	11°10	11°38	29°26	11°54	S 23
M24	4 14 53	2°24'55	11♒22	24°19	15°29	4°18	28°14	0°59	10°10	27°40	7°46	11°11	11°35	29°33	11°52	M24
T 25	4 18 49	3°25'32	24°11	25°22	16°44	4°53	28°15	1° 5	10° 8	27°40	7°46	11°11	11°32	29°39	11°49	T 25
W26	4 22 46	4°26'09	6♓39	26°21	17°59	5°28	28°15	1°12	10° 6	27°40	7°45	11°R11	11°29	29°46	11°46	W26
T 27	4 26 42	5°26'48	18°51	27°16	19°14	6° 3	28°16	1°18	10° 4	27°39	7°45	11°11	11°25	29°53	11°43	T 27
F 28	4 30 39	6°27'28	0♈52	28° 6	20°30	6°38	28°17	1°25	10° 1	27°39	7°44	11°11	11°22	29°59	11°40	F 28
S 29	4 34 35	7°28'09	12°45	28°52	21°45	7°12	28°18	1°31	9°59	27°38	7°44	11°10	11°19	0♉ 6	11°37	S 29
S 30	4 38 32	8♐28'51	24♈35	29♐31	23♏ 0	7♎47	28♓20	1♏38	9♉57	27♓38	7♌43	11♊10	11♊16	0♉13	11♋34	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s35	2s46	4s48	19s48	1s19	5s 6	1n36	5n 1	1n26	1s48	1s32	8s45	2n15	14n42	0s27	1s58	1s17	22n16	4n 7	22n 9	22n19	6n56	16n11	6s40
S 2	14 54	2n20	4 17	20 16	1 25	5 35	1 36	4 47	1 26	1 49	1 32	8 48	2 15	14 42	0 27	1 59	1 17	22 16	4 7	22 8	22 18	6 59	16 10	6 41
M 3	15 12	7 20	3 35	20 43	1 31	6 3	1 35	4 33	1 26	1 50	1 32	8 50	2 15	14 41	0 27	1 59	1 17	22 17	4 7	22 7	22 18	7 2	16 10	6 41
T 4	15 31	12 6	2 44	21 10	1 36	6 32	1 35	4 19	1 27	1 52	1 31	8 53	2 15	14 40	0 27	2 0	1 17	22 17	4 8	22 7	22 17	7 5	16 9	6 42
W 5	15 49	16 26	1 46	21 35	1 42	7 0	1 35	4 5	1 27	1 53	1 31	8 55	2 16	14 39	0 27	2 0	1 17	22 17	4 8	22 6	22 17	7 8	16 9	6 42
T 6	16 7	20 9	0 42	21 59	1 48	7 28	1 35	3 51	1 27	1 54	1 31	8 58	2 16	14 39	0 27	2 0	1 17	22 17	4 8	22 6	22 17	7 11	16 9	6 43
F 7	16 25	23 2	0n24	22 22	1 53	7 56	1 34	3 37	1 28	1 55	1 31	9 0	2 16	14 38	0 27	2 1	1 17	22 17	4 8	22 6	22 16	7 14	16 8	6 44
S 8	16 42	24 54	1 30	22 45	1 58	8 23	1 34	3 23	1 28	1 56	1 30	9 3	2 16	14 37	0 27	2 1	1 17	22 17	4 8	22 6	22 16	7 17	16 8	6 44
S 9	16 59	25 34	2 33	23 6	2 3	8 51	1 33	3 9	1 28	1 57	1 30	9 5	2 16	14 36	0 27	2 2	1 17	22 18	4 8	22 6	22 15	7 20	16 7	6 45
M10	17 16	24 56	3 29	23 25	2 7	9 18	1 32	2 55	1 28	1 58	1 30	9 8	2 16	14 36	0 27	2 2	1 17	22 18	4 9	22 7	22 15	7 23	16 7	6 45
T 11	17 32	22 58	4 17	23 44	2 12	9 45	1 32	2 41	1 29	1 59	1 30	9 10	2 16	14 35	0 27	2 2	1 17	22 18	4 9	22 7	22 15	7 26	16 6	6 46
W12	17 49	19 45	4 52	24 1	2 16	10 12	1 31	2 27	1 29	1 59	1 29	9 12	2 16	14 34	0 27	2 2	1 17	22 18	4 9	22 7	22 14	7 29	16 6	6 46
T 13	18 5	15 23	5 12	24 18	2 19	10 39	1 30	2 13	1 29	2 0	1 29	9 15	2 16	14 33	0 27	2 3	1 16	22 18	4 9	22 7	22 14	7 32	16 6	6 47
F 14	18 20	10 5	5 14	24 33	2 23	11 6	1 29	1 59	1 29	2 1	1 29	9 17	2 16	14 33	0 27	2 3	1 16	22 19	4 9	22 7	22 13	7 35	16 5	6 48
S 15	18 35	4 6	4 57	24 46	2 26	11 32	1 28	1 46	1 30	2 1	1 29	9 19	2 16	14 32	0 27	2 3	1 16	22 19	4 9	22 6	22 13	7 38	16 5	6 48
S 16	18 50	2s15	4 20	24 59	2 28	11 58	1 27	1 32	1 30	2 1	1 28	9 22	2 16	14 31	0 27	2 4	1 16	22 19	4 10	22 6	22 12	7 41	16 4	6 49
M17	19 5	8 35	3 25	25 10	2 31	12 24	1 26	1 18	1 30	2 2	1 28	9 24	2 16	14 30	0 27	2 4	1 16	22 19	4 10	22 6	22 12	7 44	16 4	6 49
T 18	19 19	14 28	2 15	25 20	2 33	12 49	1 25	1 4	1 30	2 2	1 28	9 26	2 16	14 30	0 27	2 4	1 16	22 19	4 10	22 5	22 12	7 47	16 4	6 50
W19	19 33	19 27	0 56	25 28	2 34	13 14	1 23	0 50	1 31	2 2	1 28	9 29	2 17	14 29	0 27	2 4	1 16	22 20	4 10	22 5	22 11	7 49	16 3	6 50
T 20	19 47	23 6	0s26	25 35	2 35	13 39	1 22	0 36	1 31	2 2	1 27	9 31	2 17	14 28	0 27	2 5	1 16	22 20	4 10	22 5	22 11	7 52	16 3	6 51
F 21	20 0	25 10	1 45	25 41	2 35	14 3	1 21	0 23	1 31	2 2	1 27	9 33	2 17	14 28	0 27	2 5	1 16	22 20	4 11	22 5	22 10	7 55	16 3	6 51
S 22	20 13	25 31	2 55	25 45	2 35	14 27	1 19	0 9	1 31	2 2	1 27	9 35	2 17	14 27	0 27	2 5	1 16	22 20	4 11	22 5	22 10	7 58	16 3	6 52
S 23	20 25	24 18	3 52	25 48	2 34	14 51	1 18	0s 5	1 32	2 1	1 27	9 37	2 17	14 26	0 27	2 5	1 16	22 21	4 11	22 6	22 9	8 1	16 2	6 52
M24	20 37	21 46	4 36	25 50	2 32	15 15	1 16	0 18	1 32	2 1	1 26	9 40	2 17	14 26	0 27	2 5	1 16	22 21	4 11	22 6	22 9	8 4	16 2	6 53
T 25	20 49	18 13	5 4	25 50	2 30	15 38	1 15	0 32	1 32	2 1	1 26	9 42	2 17	14 25	0 27	2 5	1 16	22 21	4 11	22 6	22 9	8 7	16 2	6 53
W26	21 0	13 57	5 16	25 48	2 26	16 0	1 13	0 46	1 32	2 0	1 26	9 44	2 17	14 24	0 27	2 6	1 16	22 22	4 11	22 6	22 8	8 10	16 2	6 54
T 27	21 11	9 14	5 15	25 46	2 22	16 22	1 11	0 59	1 32	2 0	1 25	9 46	2 17	14 24	0 27	2 6	1 16	22 22	4 12	22 6	22 8	8 13	16 1	6 54
F 28	21 22	4 14	4 59	25 41	2 17	16 44	1 10	1 13	1 33	1 59	1 25	9 48	2 18	14 23	0 27	2 6	1 16	22 22	4 12	22 6	22 7	8 16	16 1	6 55
S 29	21 32	0n52	4 31	25 36	2 11	17 5	1 8	1 26	1 33	1 58	1 25	9 50	2 18	14 22	0 27	2 6	1 16	22 22	4 12	22 6	22 7	8 19	16 1	6 55
S 30	21s42	5n56	3s51	25s29	2s 4	17s26	1n 6	1s39	1n33	1s57	1s25	9s52	2n18	14n22	0s27	2s 6	1s16	22n23	4n12	22n 6	22n 6	8n22	16n 1	6s55

Julian Day Number = 2520515.5, Delta T = 152.48 sec
Ecliptic obliquity = 23°24'56, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°22'45, Lahiri = 26°29'45

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2188
geocentric

DECEMBER 2188 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 42 28	9♐29'34	6♉25	0♑ 4	24♏15	8♎22	28♓22	1♏44	9°R55	27°R38	7°R42	11°R10	11♊13	0♉19	11°R31	M 1
T 2	4 46 25	10°30'19	18°18	0°29	25°31	8°56	28°23	1°50	9♉53	27♓38	7♌42	11♊ 9	11° 9	0°26	11♋28	T 2
W 3	4 50 22	11°31'04	0♊18	0°46	26°46	9°31	28°25	1°56	9°51	27°37	7°41	11°D 9	11° 6	0°33	11°25	W 3
T 4	4 54 18	12°31'51	12°25	0°R55	28° 1	10° 5	28°28	2° 3	9°49	27°37	7°41	11°R 9	11° 3	0°40	11°22	T 4
F 5	4 58 15	13°32'39	24°42	0°53	29°17	10°39	28°30	2° 9	9°47	27°37	7°40	11° 9	11° 0	0°46	11°18	F 5
S 6	5 2 11	14°33'28	7♋10	0°41	0♐32	11°13	28°33	2°15	9°45	27°37	7°39	11° 9	10°57	0°53	11°15	S 6
S 7	5 6 8	15°34'18	19°50	0°18	1°47	11°48	28°36	2°21	9°43	27°37	7°38	11° 9	10°54	1° 0	11°12	S 7
M 8	5 10 4	16°35'10	2♌43	29♐44	3° 3	12°22	28°39	2°27	9°42	27°D37	7°38	11° 8	10°50	1° 6	11° 8	M 8
T 9	5 14 1	17°36'03	15°50	28°58	4°18	12°56	28°42	2°32	9°40	27°37	7°37	11° 7	10°47	1°13	11° 5	T 9
W10	5 17 57	18°36'57	29°13	28° 2	5°34	13°30	28°45	2°38	9°38	27°37	7°36	11° 7	10°44	1°20	11° 1	W10
T 11	5 21 54	19°37'52	12♍51	26°57	6°49	14° 4	28°49	2°44	9°36	27°37	7°35	11° 6	10°41	1°26	10°58	T 11
F 12	5 25 51	20°38'48	26°46	25°43	8° 4	14°37	28°53	2°50	9°35	27°37	7°35	11°D 6	10°38	1°33	10°54	F 12
S 13	5 29 47	21°39'46	10♎56	24°24	9°20	15°11	28°57	2°55	9°33	27°37	7°34	11° 7	10°35	1°40	10°50	S 13
S 14	5 33 44	22°40'45	25°20	23° 1	10°35	15°45	29° 1	3° 1	9°31	27°38	7°33	11° 8	10°31	1°46	10°47	S 14
M15	5 37 40	23°41'45	9♏54	21°39	11°51	16°18	29° 5	3° 7	9°30	27°38	7°32	11° 9	10°28	1°53	10°43	M15
T 16	5 41 37	24°42'46	24°35	20°18	13° 6	16°52	29°10	3°12	9°28	27°38	7°31	11° 9	10°25	2° 0	10°39	T 16
W17	5 45 33	25°43'48	9♐17	19° 3	14°21	17°25	29°15	3°17	9°27	27°38	7°30	11°R10	10°22	2° 6	10°35	W17
T 18	5 49 30	26°44'51	23°52	17°54	15°37	17°59	29°20	3°23	9°25	27°39	7°29	11°10	10°19	2°13	10°32	T 18
F 19	5 53 26	27°45'55	8♑14	16°55	16°52	18°32	29°25	3°28	9°24	27°39	7°28	11° 8	10°15	2°20	10°28	F 19
S 20	5 57 23	28°46'59	22°17	16° 6	18° 8	19° 5	29°30	3°33	9°22	27°39	7°27	11° 6	10°12	2°26	10°24	S 20
S 21	6 1 20	29°48'04	5♒59	15°27	19°23	19°38	29°36	3°38	9°21	27°40	7°26	11° 4	10° 9	2°33	10°20	S 21
M22	6 5 16	0♑49'09	19°17	15° 0	20°39	20°11	29°41	3°43	9°20	27°40	7°25	11° 1	10° 6	2°40	10°16	M22
T 23	6 9 13	1°50'15	2♓11	14°43	21°54	20°44	29°47	3°48	9°19	27°41	7°24	10°58	10° 3	2°46	10°12	T 23
W24	6 13 9	2°51'21	14°44	14°D37	23°10	21°17	29°53	3°53	9°17	27°41	7°23	10°56	10° 0	2°53	10° 8	W24
T 25	6 17 6	3°52'26	27° 0	14°41	24°25	21°49	29°59	3°58	9°16	27°42	7°22	10°55	9°56	3° 0	10° 4	T 25
F 26	6 21 2	4°53'32	9♈ 1	14°54	25°41	22°22	0♈ 6	4° 3	9°15	27°42	7°21	10°D54	9°53	3° 6	10° 0	F 26
S 27	6 24 59	5°54'39	20°54	15°15	26°56	22°54	0°12	4° 7	9°14	27°43	7°20	10°55	9°50	3°13	9°56	S 27
S 28	6 28 55	6°55'45	2♉43	15°43	28°12	23°27	0°19	4°12	9°13	27°44	7°19	10°57	9°47	3°20	9°52	S 28
M29	6 32 52	7°56'52	14°34	16°19	29°27	23°59	0°26	4°16	9°12	27°44	7°17	10°59	9°44	3°26	9°48	M29
T 30	6 36 49	8°57'58	26°30	17° 0	0♑43	24°31	0°33	4°21	9°11	27°45	7°16	11° 0	9°41	3°33	9°44	T 30
W31	6 40 45	9♑59'05	8♊35	17♐47	1♑58	25♎ 3	0♈40	4♏25	9♉10	27♓46	7♌15	11°R 1	9♊37	3♉40	9♋40	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21s51	10n47	3s 1	25s20	1s55	17s47	1n 4	1s53	1n33	1s57	1s24	9s54	2n18	14n21	0s27	2s 6	1s16	22n23	4n12	22n 6	22n 6	8n25	16n 1	6s56
T 2	22 0	15 17	2 4	25 10	1 46	18 7	1 2	2 6	1 34	1 56	1 24	9 56	2 18	14 20	0 27	2 6	1 16	22 23	4 12	22 6	22 6	8 28	16 1	6 56
W 3	22 8	19 13	1 0	24 59	1 35	18 26	1 0	2 20	1 34	1 55	1 24	9 58	2 18	14 20	0 27	2 6	1 16	22 24	4 13	22 6	22 5	8 31	16 0	6 57
T 4	22 17	22 23	0n 7	24 47	1 22	18 45	0 58	2 33	1 34	1 53	1 24	10 0	2 18	14 19	0 27	2 6	1 16	22 24	4 13	22 6	22 5	8 34	16 0	6 57
F 5	22 24	24 33	1 15	24 33	1 8	19 3	0 56	2 46	1 34	1 52	1 23	10 2	2 19	14 19	0 27	2 6	1 16	22 24	4 13	22 6	22 4	8 37	16 0	6 57
S 6	22 31	25 33	2 20	24 18	0 53	19 21	0 54	2 59	1 35	1 51	1 23	10 4	2 19	14 18	0 27	2 6	1 16	22 25	4 13	22 5	22 4	8 39	16 0	6 58
S 7	22 38	25 14	3 19	24 1	0 36	19 39	0 52	3 12	1 35	1 49	1 23	10 6	2 19	14 17	0 27	2 6	1 16	22 25	4 13	22 5	22 3	8 42	16 0	6 58
M 8	22 44	23 34	4 9	23 43	0 18	19 56	0 50	3 25	1 35	1 48	1 22	10 8	2 19	14 17	0 27	2 6	1 16	22 25	4 13	22 5	22 3	8 45	16 0	6 58
T 9	22 50	20 38	4 47	23 24	0n 1	20 12	0 48	3 38	1 35	1 46	1 22	10 10	2 19	14 16	0 27	2 6	1 16	22 26	4 14	22 5	22 2	8 48	16 0	6 59
W10	22 56	16 35	5 10	23 3	0 21	20 28	0 46	3 51	1 35	1 45	1 22	10 12	2 19	14 16	0 27	2 6	1 16	22 26	4 14	22 5	22 2	8 51	16 0	6 59
T 11	23 1	11 36	5 17	22 42	0 41	20 43	0 44	4 4	1 36	1 43	1 22	10 13	2 19	14 15	0 27	2 6	1 16	22 27	4 14	22 5	22 2	8 54	16 0	6 59
F 12	23 5	5 57	5 5	22 20	1 1	20 57	0 41	4 17	1 36	1 41	1 21	10 15	2 20	14 15	0 27	2 6	1 16	22 27	4 14	22 5	22 1	8 57	16 0	7 0
S 13	23 9	0s 6	4 35	21 57	1 21	21 11	0 39	4 30	1 36	1 40	1 21	10 17	2 20	14 14	0 27	2 6	1 15	22 27	4 14	22 5	22 1	9 0	16 0	7 0
S 14	23 13	6 15	3 48	21 35	1 40	21 24	0 37	4 43	1 36	1 38	1 21	10 19	2 20	14 14	0 27	2 6	1 15	22 28	4 14	22 5	22 0	9 3	16 0	7 0
M15	23 16	12 10	2 45	21 13	1 57	21 37	0 34	4 55	1 36	1 36	1 21	10 20	2 20	14 13	0 27	2 6	1 15	22 28	4 14	22 5	22 0	9 6	16 0	7 1
T 16	23 19	17 26	1 31	20 52	2 12	21 49	0 32	5 8	1 37	1 34	1 20	10 22	2 20	14 13	0 27	2 6	1 15	22 28	4 15	22 6	21 59	9 9	16 0	7 1
W17	23 21	21 39	0 10	20 33	2 26	22 0	0 30	5 20	1 37	1 31	1 20	10 24	2 20	14 12	0 26	2 5	1 15	22 29	4 15	22 6	21 59	9 12	16 0	7 1
T 18	23 23	24 26	1s10	20 16	2 37	22 11	0 27	5 33	1 37	1 29	1 20	10 25	2 21	14 12	0 26	2 5	1 15	22 29	4 15	22 6	21 58	9 15	16 0	7 1
F 19	23 24	25 34	2 24	20 2	2 45	22 21	0 25	5 45	1 37	1 27	1 20	10 27	2 21	14 11	0 26	2 5	1 15	22 30	4 15	22 5	21 58	9 18	16 0	7 2
S 20	23 25	25 0	3 28	19 51	2 51	22 31	0 23	5 58	1 37	1 25	1 19	10 29	2 21	14 11	0 26	2 5	1 15	22 30	4 15	22 5	21 57	9 20	16 0	7 2
S 21	23 25	22 56	4 18	19 43	2 55	22 39	0 20	6 10	1 38	1 22	1 19	10 30	2 21	14 11	0 26	2 5	1 15	22 30	4 15	22 5	21 57	9 23	16 0	7 2
M22	23 25	19 39	4 53	19 38	2 57	22 47	0 18	6 22	1 38	1 20	1 19	10 32	2 21	14 10	0 26	2 4	1 15	22 31	4 16	22 4	21 57	9 26	16 0	7 2
T 23	23 24	15 32	5 12	19 36	2 57	22 55	0 15	6 34	1 38	1 17	1 19	10 33	2 22	14 10	0 26	2 4	1 15	22 31	4 16	22 4	21 56	9 29	16 0	7 2
W24	23 23	10 50	5 15	19 37	2 56	23 1	0 13	6 46	1 38	1 15	1 18	10 35	2 22	14 10	0 26	2 4	1 15	22 32	4 16	22 4	21 56	9 32	16 0	7 3
T 25	23 22	5 50	5 3	19 40	2 53	23 7	0 10	6 58	1 38	1 12	1 18	10 36	2 22	14 9	0 26	2 4	1 15	22 32	4 16	22 3	21 55	9 35	16 1	7 3
F 26	23 20	0 42	4 38	19 46	2 49	23 13	0 8	7 10	1 39	1 9	1 18	10 37	2 22	14 9	0 26	2 3	1 15	22 32	4 16	22 3	21 55	9 38	16 1	7 3
S 27	23 17	4n25	4 2	19 53	2 44	23 17	0 6	7 22	1 39	1 6	1 18	10 39	2 22	14 9	0 26	2 3	1 15	22 33	4 16	22 4	21 54	9 41	16 1	7 3
S 28	23 14	9 21	3 15	20 2	2 38	23 21	0 3	7 34	1 39	1 3	1 17	10 40	2 23	14 8	0 26	2 3	1 15	22 33	4 16	22 4	21 54	9 44	16 1	7 3
M29	23 11	13 57	2 20	20 12	2 31	23 24	0 1	7 46	1 39	1 0	1 17	10 41	2 23	14 8	0 26	2 3	1 15	22 34	4 16	22 4	21 53	9 47	16 1	7 3
T 30	23 7	18 4	1 19	20 23	2 24	23 27	0s 2	7 57	1 39	0 57	1 17	10 43	2 23	14 8	0 26	2 2	1 15	22 34	4 17	22 4	21 53	9 50	16 1	7 3
W31	23s 2	21n30	0s13	20s35	2n17	23s28	0s 4	8s 9	1n39	0s54	1s17	10s44	2n23	14n 8	0s26	2s 2	1s15	22n35	4n17	22n 4	21n52	9n53	16n 2	7s 3

Julian Day Number = 2520545.5, Delta T = 152.55 sec
Ecliptic obliquity = 23°24'56, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°22'49, Lahiri = 26°29'50

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2189
geocentric

JANUARY 2189 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 44 42	11♑ 0'12	20♊53	18♐38	3♑14	25♎35	0♈48	4♏29	9°R10	27♓47	7°R14	11°R 1	9♊34	3♉46	9°R36	T 1
F 2	6 48 38	12° 1'19	3♋25	19°34	4°29	26° 7	0°55	4°34	9♉ 9	27°48	7♌13	10♊59	9°31	3°53	9♋32	F 2
S 3	6 52 35	13° 2'26	16°12	20°33	5°44	26°39	1° 3	4°38	9° 8	27°48	7°11	10°55	9°28	4° 0	9°28	S 3
S 4	6 56 31	14° 3'33	29°15	21°36	7° 0	27°10	1°11	4°42	9° 7	27°49	7°10	10°50	9°25	4° 6	9°24	S 4
M 5	7 0 28	15° 4'41	12♌33	22°42	8°15	27°42	1°19	4°46	9° 7	27°50	7° 9	10°45	9°21	4°13	9°20	M 5
T 6	7 4 25	16° 5'48	26° 4	23°50	9°31	28°13	1°27	4°49	9° 6	27°51	7° 8	10°39	9°18	4°20	9°16	T 6
W 7	7 8 21	17° 6'56	9♍46	25° 1	10°46	28°44	1°35	4°53	9° 6	27°52	7° 7	10°33	9°15	4°26	9°12	W 7
T 8	7 12 18	18° 8'03	23°37	26°13	12° 2	29°16	1°44	4°57	9° 5	27°53	7° 5	10°29	9°12	4°33	9° 8	T 8
F 9	7 16 14	19° 9'11	7♎35	27°28	13°17	29°47	1°52	5° 0	9° 5	27°54	7° 4	10°27	9° 9	4°40	9° 4	F 9
S 10	7 20 11	20°10'20	21°39	28°44	14°33	0♏17	2° 1	5° 4	9° 4	27°55	7° 3	10°D26	9° 6	4°46	9° 0	S 10
S 11	7 24 7	21°11'28	5♏48	0♑ 2	15°48	0°48	2°10	5° 7	9° 4	27°57	7° 1	10°27	9° 2	4°53	8°56	S 11
M12	7 28 4	22°12'37	20° 0	1°21	17° 4	1°19	2°19	5°11	9° 4	27°58	7° 0	10°28	8°59	5° 0	8°52	M12
T 13	7 32 0	23°13'45	4♐13	2°42	18°19	1°49	2°28	5°14	9° 4	27°59	6°59	10°R29	8°56	5° 6	8°49	T 13
W14	7 35 57	24°14'54	18°26	4° 3	19°35	2°20	2°37	5°17	9° 4	28° 0	6°57	10°29	8°53	5°13	8°45	W14
T 15	7 39 54	25°16'03	2♑34	5°26	20°50	2°50	2°46	5°20	9° 3	28° 1	6°56	10°27	8°50	5°20	8°41	T 15
F 16	7 43 50	26°17'11	16°33	6°49	22° 6	3°20	2°56	5°23	9°D 3	28° 3	6°55	10°23	8°47	5°27	8°37	F 16
S 17	7 47 47	27°18'19	0♒21	8°14	23°21	3°50	3° 6	5°26	9° 3	28° 4	6°53	10°16	8°43	5°33	8°33	S 17
S 18	7 51 43	28°19'27	13°52	9°39	24°37	4°20	3°15	5°29	9° 3	28° 5	6°52	10° 8	8°40	5°40	8°30	S 18
M19	7 55 40	29°20'34	27° 4	11° 5	25°52	4°49	3°25	5°31	9° 4	28° 7	6°51	9°59	8°37	5°47	8°26	M19
T 20	7 59 36	0♒21'40	9♓57	12°32	27° 7	5°19	3°35	5°34	9° 4	28° 8	6°49	9°50	8°34	5°53	8°22	T 20
W21	8 3 33	1°22'46	22°31	13°59	28°23	5°48	3°46	5°36	9° 4	28° 9	6°48	9°42	8°31	6° 0	8°19	W21
T 22	8 7 29	2°23'51	4♈47	15°27	29°38	6°17	3°56	5°38	9° 4	28°11	6°47	9°36	8°27	6° 7	8°15	T 22
F 23	8 11 26	3°24'55	16°50	16°56	0♒54	6°46	4° 6	5°41	9° 5	28°12	6°45	9°32	8°24	6°13	8°12	F 23
S 24	8 15 23	4°25'58	28°43	18°26	2° 9	7°15	4°17	5°43	9° 5	28°14	6°44	9°30	8°21	6°20	8° 8	S 24
S 25	8 19 19	5°27'00	10♉32	19°56	3°25	7°43	4°27	5°45	9° 5	28°15	6°43	9°D30	8°18	6°27	8° 5	S 25
M26	8 23 16	6°28'01	22°22	21°27	4°40	8°12	4°38	5°47	9° 6	28°17	6°41	9°31	8°15	6°33	8° 1	M26
T 27	8 27 12	7°29'02	4♊18	22°58	5°55	8°40	4°49	5°49	9° 6	28°19	6°40	9°R32	8°12	6°40	7°58	T 27
W28	8 31 9	8°30'01	16°26	24°30	7°11	9° 8	5° 0	5°50	9° 7	28°20	6°39	9°32	8° 8	6°47	7°55	W28
T 29	8 35 5	9°30'59	28°50	26° 3	8°26	9°36	5°11	5°52	9° 8	28°22	6°37	9°30	8° 5	6°53	7°51	T 29
F 30	8 39 2	10°31'57	11♋33	27°36	9°42	10° 3	5°22	5°54	9° 8	28°23	6°36	9°25	8° 2	7° 0	7°48	F 30
S 31	8 42 58	11♒32'53	24♋37	29♑10	10♒57	10♏31	5♈33	5♏55	9♉ 9	28♓25	6♌35	9♊18	7♊59	7♉ 7	7♋45	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	22s58	24n 0	0n54	20s48	2n 9	23s29	0s 7	8s20	1n40	0s51	1s16	10s45	2n23	14n 7	0s26	2s 2	1s15	22n35	4n17	22n 4	21n52	9n55	16n 2	7s 3	T 1
F 2	22 52	25 22	2 0	21 0	2 0	23 29	0 9	8 32	1 40	0 48	1 16	10 46	2 24	14 7	0 26	2 1	1 15	22 35	4 17	22 4	21 51	9 58	16 2	7 3	F 2
S 3	22 47	25 25	3 1	21 13	1 52	23 29	0 11	8 43	1 40	0 45	1 16	10 47	2 24	14 7	0 26	2 1	1 15	22 36	4 17	22 4	21 51	10 1	16 2	7 3	S 3
S 4	22 40	24 5	3 53	21 26	1 43	23 28	0 14	8 54	1 40	0 41	1 16	10 49	2 24	14 7	0 26	2 0	1 15	22 36	4 17	22 3	21 50	10 4	16 2	7 4	S 4
M 5	22 34	21 24	4 34	21 38	1 35	23 26	0 16	9 5	1 40	0 38	1 15	10 50	2 24	14 7	0 26	2 0	1 15	22 37	4 17	22 2	21 50	10 7	16 3	7 4	M 5
T 6	22 27	17 32	5 1	21 51	1 26	23 23	0 19	9 16	1 40	0 34	1 15	10 51	2 25	14 6	0 26	2 0	1 15	22 37	4 17	22 1	21 49	10 10	16 3	7 4	T 6
W 7	22 19	12 42	5 11	22 2	1 17	23 20	0 21	9 27	1 40	0 31	1 15	10 52	2 25	14 6	0 26	1 59	1 15	22 38	4 18	22 0	21 49	10 13	16 3	7 4	W 7
T 8	22 11	7 10	5 3	22 13	1 8	23 15	0 23	9 38	1 41	0 27	1 15	10 53	2 25	14 6	0 26	1 59	1 15	22 38	4 18	22 0	21 48	10 16	16 4	7 4	T 8
F 9	22 3	1 14	4 37	22 24	1 0	23 11	0 25	9 49	1 41	0 24	1 15	10 54	2 25	14 6	0 26	1 58	1 15	22 38	4 18	22 0	21 48	10 19	16 4	7 3	F 9
S 10	21 54	4s48	3 54	22 34	0 51	23 5	0 28	9 59	1 41	0 20	1 14	10 55	2 25	14 6	0 26	1 58	1 15	22 39	4 18	21 59	21 47	10 22	16 4	7 3	S 10
S 11	21 45	10 39	2 57	22 43	0 42	22 59	0 30	10 10	1 41	0 16	1 14	10 56	2 26	14 6	0 26	1 57	1 14	22 39	4 18	22 0	21 47	10 25	16 4	7 3	S 11
M12	21 35	15 58	1 49	22 51	0 34	22 52	0 32	10 20	1 41	0 13	1 14	10 56	2 26	14 6	0 26	1 57	1 14	22 40	4 18	22 0	21 47	10 27	16 5	7 3	M12
T 13	21 25	20 25	0 34	22 58	0 25	22 44	0 34	10 31	1 41	0 9	1 14	10 57	2 26	14 6	0 26	1 56	1 14	22 40	4 18	22 0	21 46	10 30	16 5	7 3	T 13
W14	21 15	23 37	0s43	23 4	0 17	22 36	0 37	10 41	1 41	0 5	1 13	10 58	2 26	14 6	0 26	1 56	1 14	22 41	4 18	22 0	21 46	10 33	16 5	7 3	W14
T 15	21 4	25 20	1 57	23 9	0 9	22 26	0 39	10 51	1 41	0 1	1 13	10 59	2 27	14 6	0 26	1 55	1 14	22 41	4 18	22 0	21 45	10 36	16 6	7 3	T 15
F 16	20 52	25 24	3 2	23 13	0 1	22 17	0 41	11 1	1 42	0n 3	1 13	11 0	2 27	14 6	0 26	1 55	1 14	22 41	4 18	21 59	21 45	10 39	16 6	7 3	F 16
S 17	20 41	23 54	3 56	23 16	0s 7	22 6	0 43	11 11	1 42	0 7	1 13	11 0	2 27	14 6	0 26	1 54	1 14	22 42	4 19	21 58	21 44	10 42	16 6	7 3	S 17
S 18	20 29	21 3	4 36	23 18	0 14	21 55	0 45	11 21	1 42	0 11	1 13	11 1	2 27	14 6	0 26	1 54	1 14	22 42	4 19	21 57	21 44	10 45	16 7	7 3	S 18
M19	20 16	17 9	4 59	23 19	0 22	21 43	0 47	11 31	1 42	0 15	1 12	11 2	2 28	14 6	0 26	1 53	1 14	22 43	4 19	21 55	21 43	10 48	16 7	7 2	M19
T 20	20 3	12 34	5 7	23 19	0 29	21 31	0 49	11 41	1 42	0 19	1 12	11 2	2 28	14 6	0 26	1 53	1 14	22 43	4 19	21 54	21 43	10 51	16 8	7 2	T 20
W21	19 50	7 33	4 59	23 17	0 36	21 18	0 51	11 50	1 42	0 23	1 12	11 3	2 28	14 6	0 26	1 52	1 14	22 44	4 19	21 53	21 42	10 53	16 8	7 2	W21
T 22	19 36	2 21	4 38	23 14	0 43	21 4	0 53	12 0	1 42	0 28	1 12	11 3	2 28	14 6	0 25	1 51	1 14	22 44	4 19	21 52	21 42	10 56	16 8	7 2	T 22
F 23	19 22	2n50	4 5	23 10	0 50	20 50	0 55	12 9	1 42	0 32	1 12	11 4	2 29	14 6	0 25	1 51	1 14	22 44	4 19	21 51	21 41	10 59	16 9	7 2	F 23
S 24	19 8	7 52	3 21	23 4	0 56	20 35	0 57	12 18	1 42	0 36	1 11	11 4	2 29	14 6	0 25	1 50	1 14	22 45	4 19	21 51	21 41	11 2	16 9	7 2	S 24
S 25	18 53	12 36	2 29	22 58	1 2	20 19	0 58	12 27	1 42	0 41	1 11	11 5	2 29	14 7	0 25	1 50	1 14	22 45	4 19	21 51	21 40	11 5	16 10	7 1	S 25
M26	18 38	16 53	1 31	22 50	1 8	20 3	1 0	12 36	1 42	0 45	1 11	11 5	2 29	14 7	0 25	1 49	1 14	22 46	4 19	21 51	21 40	11 8	16 10	7 1	M26
T 27	18 23	20 32	0 28	22 41	1 14	19 46	1 2	12 45	1 43	0 50	1 11	11 5	2 30	14 7	0 25	1 48	1 14	22 46	4 19	21 51	21 39	11 11	16 10	7 1	T 27
W28	18 7	23 20	0n37	22 30	1 19	19 29	1 3	12 54	1 43	0 54	1 11	11 6	2 30	14 7	0 25	1 48	1 14	22 47	4 19	21 51	21 39	11 14	16 11	7 1	W28
T 29	17 51	25 6	1 41	22 18	1 25	19 11	1 5	13 3	1 43	0 59	1 11	11 6	2 30	14 7	0 25	1 47	1 14	22 47	4 20	21 51	21 38	11 16	16 11	7 0	T 29
F 30	17 35	25 37	2 42	22 5	1 30	18 52	1 7	13 12	1 43	1 3	1 10	11 6	2 30	14 8	0 25	1 46	1 14	22 47	4 20	21 50	21 38	11 19	16 12	7 0	F 30
S 31	17s18	24n44	3n36	21s50	1s34	18s33	1s 8	13s20	1n43	1n 8	1s10	11s 7	2n31	14n 8	0s25	1s46	1s14	22n48	4n20	21n49	21n37	11n22	16n12	7s 0	S 31

Julian Day Number = 2520576.5, Delta T = 152.63 sec
Ecliptic obliquity = 23°24'56, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°22'53, Lahiri = 26°29'54

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2189
geocentric

FEBRUARY 2189 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 46 55	12♒33'48	8♌ 1	0♒45	12♒12	10♏58	5♈45	5♏56	9♉10	28♓27	6°R33	9°R 9	7♊56	7♉13	7°R42	S 1
M 2	8 50 52	13°34'43	21°45	2°20	13°28	11°25	5°56	5°57	9°11	28°28	6♌32	8♊58	7°53	7°20	7♋39	M 2
T 3	8 54 48	14°35'36	5♍44	3°56	14°43	11°52	6° 8	5°59	9°12	28°30	6°30	8°47	7°49	7°27	7°36	T 3
W 4	8 58 45	15°36'28	19°54	5°33	15°58	12°19	6°20	6° 0	9°12	28°32	6°29	8°36	7°46	7°33	7°33	W 4
T 5	9 2 41	16°37'20	4♎ 9	7°10	17°14	12°45	6°31	6° 0	9°13	28°34	6°28	8°28	7°43	7°40	7°31	T 5
F 6	9 6 38	17°38'10	18°26	8°48	18°29	13°11	6°43	6° 1	9°14	28°36	6°26	8°22	7°40	7°47	7°28	F 6
S 7	9 10 34	18°39'00	2♏39	10°27	19°44	13°37	6°55	6° 2	9°16	28°37	6°25	8°19	7°37	7°53	7°25	S 7
S 8	9 14 31	19°39'49	16°47	12° 7	21° 0	14° 3	7° 7	6° 3	9°17	28°39	6°24	8°D18	7°33	8° 0	7°23	S 8
M 9	9 18 27	20°40'37	0♐50	13°47	22°15	14°28	7°19	6° 3	9°18	28°41	6°22	8°R18	7°30	8° 6	7°20	M 9
T 10	9 22 24	21°41'25	14°45	15°28	23°30	14°54	7°31	6° 3	9°19	28°43	6°21	8°18	7°27	8°13	7°18	T 10
W11	9 26 21	22°42'11	28°34	17°10	24°45	15°19	7°44	6° 4	9°20	28°45	6°20	8°17	7°24	8°20	7°15	W11
T 12	9 30 17	23°42'57	12♑15	18°53	26° 1	15°43	7°56	6° 4	9°22	28°47	6°19	8°13	7°21	8°26	7°13	T 12
F 13	9 34 14	24°43'41	25°48	20°36	27°16	16° 8	8° 8	6°R 4	9°23	28°49	6°17	8° 6	7°18	8°33	7°11	F 13
S 14	9 38 10	25°44'25	9♒10	22°21	28°31	16°32	8°21	6° 4	9°25	28°51	6°16	7°56	7°14	8°40	7° 8	S 14
S 15	9 42 7	26°45'07	22°21	24° 6	29°46	16°56	8°34	6° 4	9°26	28°53	6°15	7°43	7°11	8°46	7° 6	S 15
M16	9 46 3	27°45'47	5♓18	25°52	1♓ 2	17°19	8°46	6° 3	9°28	28°55	6°14	7°30	7° 8	8°53	7° 4	M16
T 17	9 50 0	28°46'26	18° 0	27°39	2°17	17°43	8°59	6° 3	9°29	28°57	6°12	7°16	7° 5	9° 0	7° 2	T 17
W18	9 53 56	29°47'04	0♈27	29°26	3°32	18° 6	9°12	6° 3	9°31	28°59	6°11	7° 3	7° 2	9° 6	7° 0	W18
T 19	9 57 53	0♓47'40	12°39	1♓15	4°47	18°29	9°25	6° 2	9°33	29° 1	6°10	6°53	6°59	9°13	6°59	T 19
F 20	10 1 50	1°48'14	24°40	3° 4	6° 2	18°51	9°38	6° 1	9°34	29° 3	6° 9	6°45	6°55	9°20	6°57	F 20
S 21	10 5 46	2°48'47	6♉32	4°54	7°18	19°13	9°51	6° 1	9°36	29° 5	6° 7	6°41	6°52	9°26	6°55	S 21
S 22	10 9 43	3°49'17	18°20	6°45	8°33	19°35	10° 4	6° 0	9°38	29° 7	6° 6	6°38	6°49	9°33	6°54	S 22
M23	10 13 39	4°49'47	0♊ 9	8°36	9°48	19°56	10°17	5°59	9°40	29° 9	6° 5	6°38	6°46	9°40	6°52	M23
T 24	10 17 36	5°50'14	12° 4	10°28	11° 3	20°17	10°30	5°58	9°42	29°11	6° 4	6°38	6°43	9°46	6°51	T 24
W25	10 21 32	6°50'39	24°11	12°21	12°18	20°38	10°43	5°56	9°43	29°13	6° 3	6°37	6°39	9°53	6°50	W25
T 26	10 25 29	7°51'03	6♋35	14°14	13°33	20°59	10°57	5°55	9°45	29°16	6° 2	6°35	6°36	10° 0	6°48	T 26
F 27	10 29 25	8°51'25	19°21	16° 7	14°48	21°19	11°10	5°54	9°47	29°18	6° 0	6°30	6°33	10° 6	6°47	F 27
S 28	10 33 22	9♓51'44	2♌31	18♓ 0	16♓ 3	21♏38	11♈23	5♏52	9♉50	29♓20	5♌59	6♊23	6♊30	10♉13	6♋46	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s 1	22n25	4n20	21s34	1s39	18s14	1s10	13s28	1n43	1n13	1s10	11s 7	2n31	14n 8	0s25	1s45	1s14	22n48	4n20	21n48	21n37	11n25	16n13	6s59
M 2	16 44	18 48	4 49	21 17	1 43	17 54	1 11	13 37	1 43	1 17	1 10	11 7	2 31	14 9	0 25	1 44	1 14	22 49	4 20	21 46	21 36	11 28	16 13	6 59
T 3	16 26	14 5	5 2	20 59	1 46	17 33	1 12	13 45	1 43	1 22	1 10	11 7	2 31	14 9	0 25	1 43	1 14	22 49	4 20	21 45	21 36	11 31	16 14	6 59
W 4	16 8	8 33	4 57	20 38	1 50	17 12	1 14	13 53	1 43	1 27	1 10	11 7	2 32	14 9	0 25	1 43	1 14	22 49	4 20	21 43	21 35	11 34	16 14	6 59
T 5	15 50	2 32	4 33	20 17	1 53	16 51	1 15	14 1	1 43	1 31	1 9	11 7	2 32	14 9	0 25	1 42	1 14	22 50	4 20	21 42	21 35	11 37	16 15	6 58
F 6	15 32	3s38	3 52	19 54	1 56	16 29	1 16	14 9	1 43	1 36	1 9	11 7	2 32	14 10	0 25	1 41	1 14	22 50	4 20	21 41	21 34	11 39	16 15	6 58
S 7	15 13	9 36	2 57	19 30	1 58	16 6	1 17	14 17	1 43	1 41	1 9	11 7	2 32	14 10	0 25	1 41	1 14	22 51	4 20	21 40	21 33	11 42	16 16	6 58
S 8	14 54	15 3	1 52	19 5	2 1	15 43	1 18	14 24	1 43	1 46	1 9	11 7	2 33	14 11	0 25	1 40	1 14	22 51	4 20	21 40	21 33	11 45	16 16	6 57
M 9	14 35	19 39	0 40	18 38	2 2	15 20	1 19	14 32	1 43	1 51	1 9	11 7	2 33	14 11	0 25	1 39	1 14	22 51	4 20	21 40	21 32	11 48	16 17	6 57
T 10	14 16	23 7	0s34	18 9	2 4	14 56	1 20	14 39	1 43	1 56	1 9	11 7	2 33	14 11	0 25	1 38	1 14	22 52	4 20	21 40	21 32	11 51	16 17	6 56
W11	13 56	25 10	1 45	17 39	2 5	14 32	1 21	14 46	1 43	2 1	1 8	11 7	2 34	14 12	0 25	1 37	1 14	22 52	4 20	21 40	21 31	11 54	16 18	6 56
T 12	13 36	25 40	2 49	17 8	2 6	14 7	1 22	14 54	1 43	2 6	1 8	11 7	2 34	14 12	0 25	1 37	1 14	22 52	4 20	21 39	21 31	11 57	16 18	6 56
F 13	13 16	24 37	3 43	16 36	2 6	13 42	1 23	15 1	1 42	2 11	1 8	11 6	2 34	14 13	0 25	1 36	1 14	22 53	4 20	21 38	21 30	11 59	16 19	6 55
S 14	12 56	22 11	4 24	16 2	2 6	13 17	1 23	15 8	1 42	2 16	1 8	11 6	2 34	14 13	0 25	1 35	1 14	22 53	4 20	21 37	21 30	12 2	16 19	6 55
S 15	12 35	18 37	4 50	15 26	2 5	12 51	1 24	15 14	1 42	2 21	1 8	11 6	2 35	14 14	0 25	1 34	1 14	22 54	4 20	21 35	21 29	12 5	16 20	6 54
M16	12 14	14 12	5 0	14 50	2 4	12 25	1 24	15 21	1 42	2 26	1 8	11 5	2 35	14 14	0 25	1 33	1 14	22 54	4 20	21 32	21 29	12 8	16 20	6 54
T 17	11 53	9 16	4 55	14 12	2 2	11 58	1 25	15 28	1 42	2 31	1 8	11 5	2 35	14 15	0 25	1 33	1 14	22 54	4 20	21 30	21 28	12 11	16 21	6 54
W18	11 32	4 3	4 36	13 32	2 0	11 32	1 25	15 34	1 42	2 36	1 7	11 5	2 35	14 15	0 25	1 32	1 14	22 55	4 20	21 28	21 28	12 14	16 21	6 53
T 19	11 11	1n14	4 5	12 51	1 58	11 5	1 26	15 41	1 42	2 42	1 7	11 4	2 36	14 16	0 25	1 31	1 14	22 55	4 20	21 26	21 27	12 16	16 22	6 53
F 20	10 49	6 24	3 23	12 9	1 55	10 37	1 26	15 47	1 42	2 47	1 7	11 4	2 36	14 16	0 25	1 30	1 14	22 55	4 20	21 25	21 27	12 19	16 22	6 52
S 21	10 28	11 17	2 32	11 26	1 51	10 10	1 26	15 53	1 42	2 52	1 7	11 3	2 36	14 17	0 25	1 29	1 14	22 56	4 20	21 24	21 26	12 22	16 23	6 52
S 22	10 6	15 45	1 35	10 41	1 47	9 42	1 27	15 59	1 41	2 57	1 7	11 3	2 36	14 18	0 25	1 28	1 14	22 56	4 20	21 24	21 26	12 25	16 23	6 51
M23	9 44	19 36	0 34	9 55	1 42	9 14	1 27	16 5	1 41	3 2	1 7	11 2	2 37	14 18	0 25	1 28	1 14	22 56	4 21	21 24	21 25	12 28	16 24	6 51
T 24	9 22	22 41	0n29	9 8	1 37	8 45	1 27	16 11	1 41	3 8	1 7	11 2	2 37	14 19	0 25	1 27	1 14	22 57	4 21	21 24	21 25	12 31	16 24	6 51
W25	8 59	24 49	1 32	8 19	1 31	8 17	1 27	16 16	1 41	3 13	1 7	11 1	2 37	14 20	0 25	1 26	1 14	22 57	4 21	21 24	21 24	12 33	16 25	6 50
T 26	8 37	25 46	2 31	7 30	1 25	7 48	1 27	16 22	1 41	3 18	1 7	11 0	2 37	14 20	0 24	1 25	1 14	22 57	4 21	21 23	21 23	12 36	16 25	6 50
F 27	8 14	25 25	3 25	6 40	1 18	7 19	1 27	16 27	1 40	3 24	1 6	11 0	2 37	14 21	0 24	1 24	1 13	22 57	4 21	21 22	21 23	12 39	16 26	6 49
S 28	7s52	23n38	4n10	5s48	1s10	6s50	1s26	16s33	1n40	3n29	1s 6	10s59	2n38	14n22	0s24	1s23	1s13	22n58	4n21	21n21	21n22	12n42	16n26	6s49

Julian Day Number = 2520607.5, Delta T = 152.71 sec
Ecliptic obliquity = 23°24'56, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°22'58, Lahiri = 26°29'58

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2189
geocentric

MARCH 2189 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 37 19	10♓52'02	16♌ 8	19♓54	17♓18	21♏58	11♈37	5°R51	9♉52	29♓22	5°R58	6°R13	6♊27	10♉20	6°R45	S 1
M 2	10 41 15	11°52'18	0♍10	21°47	18°33	22°17	11°50	5♏49	9°54	29°24	5♌57	6♊ 1	6°24	10°26	6♋44	M 2
T 3	10 45 12	12°52'33	14°32	23°39	19°48	22°35	12° 4	5°47	9°56	29°27	5°56	5°49	6°20	10°33	6°44	T 3
W 4	10 49 8	13°52'45	29° 9	25°31	21° 3	22°53	12°18	5°45	9°58	29°29	5°55	5°37	6°17	10°40	6°43	W 4
T 5	10 53 5	14°52'56	13♎52	27°21	22°18	23°11	12°31	5°43	10° 0	29°31	5°54	5°28	6°14	10°46	6°42	T 5
F 6	10 57 1	15°53'05	28°34	29°10	23°33	23°28	12°45	5°41	10° 3	29°33	5°53	5°21	6°11	10°53	6°42	F 6
S 7	11 0 58	16°53'13	13♏ 8	0♈57	24°48	23°45	12°59	5°39	10° 5	29°35	5°52	5°17	6° 8	11° 0	6°41	S 7
S 8	11 4 54	17°53'19	27°30	2°42	26° 2	24° 2	13°13	5°37	10° 8	29°38	5°51	5°15	6° 4	11° 6	6°41	S 8
M 9	11 8 51	18°53'23	11♐38	4°23	27°17	24°18	13°27	5°34	10°10	29°40	5°50	5°15	6° 1	11°13	6°41	M 9
T 10	11 12 48	19°53'27	25°30	6° 1	28°32	24°33	13°41	5°32	10°12	29°42	5°49	5°15	5°58	11°20	6°41	T 10
W11	11 16 44	20°53'28	9♑ 8	7°35	29°47	24°49	13°54	5°29	10°15	29°44	5°48	5°14	5°55	11°26	6°D41	W11
T 12	11 20 41	21°53'28	22°33	9° 5	1♈ 2	25° 3	14° 8	5°27	10°17	29°47	5°47	5°11	5°52	11°33	6°41	T 12
F 13	11 24 37	22°53'27	5♒44	10°30	2°16	25°17	14°22	5°24	10°20	29°49	5°47	5° 4	5°49	11°40	6°41	F 13
S 14	11 28 34	23°53'23	18°44	11°49	3°31	25°31	14°37	5°21	10°23	29°51	5°46	4°55	5°45	11°46	6°41	S 14
S 15	11 32 30	24°53'18	1♓33	13° 2	4°46	25°44	14°51	5°18	10°25	29°53	5°45	4°44	5°42	11°53	6°41	S 15
M16	11 36 27	25°53'11	14°10	14° 8	6° 1	25°57	15° 5	5°15	10°28	29°56	5°44	4°31	5°39	12° 0	6°42	M16
T 17	11 40 23	26°53'02	26°36	15° 7	7°15	26° 9	15°19	5°12	10°31	29°58	5°43	4°19	5°36	12° 6	6°42	T 17
W18	11 44 20	27°52'51	8♈51	15°59	8°30	26°20	15°33	5° 9	10°33	0♈ 0	5°43	4° 7	5°33	12°13	6°43	W18
T 19	11 48 16	28°52'39	20°56	16°44	9°45	26°31	15°47	5° 6	10°36	0° 3	5°42	3°57	5°30	12°20	6°43	T 19
F 20	11 52 13	29°52'24	2♉51	17°20	10°59	26°41	16° 2	5° 3	10°39	0° 5	5°41	3°50	5°26	12°26	6°44	F 20
S 21	11 56 10	0♈52'07	14°41	17°49	12°14	26°51	16°16	5° 0	10°42	0° 7	5°40	3°46	5°23	12°33	6°45	S 21
S 22	12 0 6	1°51'48	26°27	18° 9	13°28	27° 0	16°30	4°56	10°44	0° 9	5°40	3°44	5°20	12°40	6°46	S 22
M23	12 4 3	2°51'26	8♊15	18°20	14°43	27° 9	16°44	4°53	10°47	0°12	5°39	3°D43	5°17	12°46	6°47	M23
T 24	12 7 59	3°51'03	20° 9	18°R24	15°58	27°17	16°59	4°49	10°50	0°14	5°38	3°44	5°14	12°53	6°48	T 24
W25	12 11 56	4°50'37	2♋14	18°20	17°12	27°24	17°13	4°46	10°53	0°16	5°38	3°R45	5°10	13° 0	6°49	W25
T 26	12 15 52	5°50'09	14°35	18° 8	18°26	27°31	17°28	4°42	10°56	0°18	5°37	3°44	5° 7	13° 6	6°50	T 26
F 27	12 19 49	6°49'39	27°18	17°49	19°41	27°37	17°42	4°38	10°59	0°21	5°37	3°42	5° 4	13°13	6°51	F 27
S 28	12 23 45	7°49'06	10♌27	17°23	20°55	27°43	17°56	4°34	11° 2	0°23	5°36	3°38	5° 1	13°19	6°53	S 28
S 29	12 27 42	8°48'31	24° 5	16°50	22°10	27°47	18°11	4°30	11° 5	0°25	5°36	3°32	4°58	13°26	6°54	S 29
M30	12 31 39	9°47'54	8♍10	16°13	23°24	27°51	18°25	4°27	11° 8	0°27	5°35	3°24	4°55	13°33	6°56	M30
T 31	12 35 35	10♈47'15	22♍42	15♈31	24♈38	27♏55	18♈40	4♏23	11♉11	0♈30	5♌35	3♊15	4♊51	13♉39	6♋58	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s29	20n28	4n42	4s56	1s 2	6s20	1s26	16s38	1n40	3n34	1s 6	10s58	2n38	14n22	0s24	1s22	1s13	22n58	4n21	21n19	21n22	12n45	16n27	6s48
M 2	7 6	16 4	4 59	4 4	0 53	5 51	1 26	16 43	1 40	3 40	1 6	10 57	2 38	14 23	0 24	1 22	1 13	22 58	4 21	21 17	21 21	12 48	16 28	6 48
T 3	6 43	10 39	4 57	3 11	0 43	5 21	1 26	16 48	1 39	3 45	1 6	10 57	2 38	14 24	0 24	1 21	1 13	22 59	4 21	21 15	21 21	12 50	16 28	6 47
W 4	6 20	4 33	4 36	2 17	0 33	4 51	1 25	16 53	1 39	3 51	1 6	10 56	2 39	14 24	0 24	1 20	1 13	22 59	4 21	21 13	21 20	12 53	16 29	6 47
T 5	5 57	1s50	3 56	1 23	0 22	4 21	1 25	16 57	1 39	3 56	1 6	10 55	2 39	14 25	0 24	1 19	1 13	22 59	4 21	21 12	21 20	12 56	16 29	6 46
F 6	5 34	8 8	3 1	0 30	0 11	3 51	1 24	17 2	1 38	4 1	1 6	10 54	2 39	14 26	0 24	1 18	1 13	22 59	4 21	21 10	21 19	12 59	16 30	6 46
S 7	5 10	13 57	1 54	0n23	0n 1	3 21	1 23	17 7	1 38	4 7	1 6	10 53	2 39	14 27	0 24	1 17	1 13	23 0	4 21	21 10	21 19	13 2	16 30	6 45
S 8	4 47	18 55	0 41	1 16	0 13	2 50	1 23	17 11	1 38	4 12	1 6	10 52	2 39	14 27	0 24	1 16	1 13	23 0	4 21	21 9	21 18	13 5	16 31	6 45
M 9	4 24	22 43	0s34	2 8	0 26	2 20	1 22	17 15	1 37	4 18	1 5	10 51	2 40	14 28	0 24	1 15	1 13	23 0	4 21	21 9	21 17	13 7	16 31	6 44
T 10	4 0	25 5	1 45	2 59	0 39	1 49	1 21	17 19	1 37	4 23	1 5	10 50	2 40	14 29	0 24	1 15	1 13	23 0	4 21	21 9	21 17	13 10	16 32	6 44
W11	3 36	25 55	2 49	3 48	0 52	1 19	1 20	17 23	1 36	4 29	1 5	10 49	2 40	14 30	0 24	1 14	1 13	23 0	4 21	21 9	21 16	13 13	16 32	6 43
T 12	3 13	25 12	3 43	4 36	1 5	0 48	1 19	17 27	1 36	4 34	1 5	10 48	2 40	14 31	0 24	1 13	1 13	23 1	4 21	21 9	21 16	13 16	16 33	6 43
F 13	2 49	23 4	4 24	5 22	1 19	0 18	1 18	17 31	1 36	4 40	1 5	10 47	2 41	14 31	0 24	1 12	1 13	23 1	4 20	21 7	21 15	13 19	16 33	6 42
S 14	2 25	19 47	4 50	6 5	1 32	0n13	1 17	17 35	1 35	4 45	1 5	10 46	2 41	14 32	0 24	1 11	1 13	23 1	4 20	21 6	21 15	13 21	16 34	6 42
S 15	2 2	15 36	5 1	6 45	1 45	0 44	1 16	17 39	1 35	4 51	1 5	10 45	2 41	14 33	0 24	1 10	1 13	23 1	4 20	21 4	21 14	13 24	16 34	6 41
M16	1 38	10 48	4 58	7 23	1 58	1 14	1 15	17 42	1 34	4 56	1 5	10 44	2 41	14 34	0 24	1 9	1 13	23 1	4 20	21 1	21 14	13 27	16 35	6 41
T 17	1 14	5 38	4 40	7 58	2 11	1 45	1 14	17 45	1 33	5 2	1 5	10 43	2 41	14 35	0 24	1 8	1 13	23 2	4 20	20 59	21 13	13 30	16 35	6 40
W18	0 51	0 19	4 9	8 29	2 23	2 16	1 12	17 49	1 33	5 7	1 5	10 41	2 41	14 36	0 24	1 7	1 13	23 2	4 20	20 57	21 12	13 32	16 36	6 40
T 19	0 27	4n57	3 27	8 57	2 35	2 46	1 11	17 52	1 32	5 13	1 5	10 40	2 42	14 37	0 24	1 6	1 13	23 2	4 20	20 55	21 12	13 35	16 36	6 39
F 20	0 3	10 0	2 37	9 21	2 45	3 17	1 10	17 55	1 31	5 18	1 5	10 39	2 42	14 37	0 24	1 6	1 13	23 2	4 20	20 54	21 11	13 38	16 37	6 38
S 21	0n21	14 38	1 40	9 40	2 55	3 47	1 8	17 58	1 31	5 24	1 5	10 38	2 42	14 38	0 24	1 5	1 13	23 2	4 20	20 53	21 11	13 41	16 37	6 38
S 22	0 44	18 43	0 39	9 56	3 3	4 17	1 7	18 0	1 30	5 29	1 5	10 36	2 42	14 39	0 24	1 4	1 14	23 2	4 20	20 53	21 10	13 44	16 38	6 37
M23	1 8	22 4	0n24	10 7	3 11	4 48	1 5	18 3	1 29	5 35	1 4	10 35	2 42	14 40	0 24	1 3	1 14	23 3	4 20	20 53	21 10	13 46	16 38	6 37
T 24	1 32	24 30	1 27	10 14	3 17	5 18	1 3	18 6	1 29	5 40	1 4	10 34	2 42	14 41	0 24	1 2	1 14	23 3	4 20	20 53	21 9	13 49	16 39	6 36
W25	1 55	25 50	2 27	10 17	3 22	5 48	1 2	18 8	1 28	5 46	1 4	10 32	2 43	14 42	0 24	1 1	1 14	23 3	4 20	20 53	21 9	13 52	16 39	6 36
T 26	2 19	25 57	3 21	10 15	3 25	6 18	1 0	18 10	1 27	5 51	1 4	10 31	2 43	14 43	0 24	1 0	1 14	23 3	4 20	20 53	21 8	13 55	16 39	6 35
F 27	2 42	24 43	4 7	10 9	3 26	6 48	0 58	18 13	1 26	5 57	1 4	10 30	2 43	14 44	0 24	0 59	1 14	23 3	4 20	20 52	21 7	13 57	16 40	6 35
S 28	3 6	22 7	4 42	9 59	3 26	7 17	0 56	18 15	1 25	6 2	1 4	10 28	2 43	14 45	0 24	0 58	1 14	23 3	4 20	20 51	21 7	14 0	16 40	6 34
S 29	3 29	18 14	5 2	9 45	3 24	7 47	0 54	18 17	1 24	6 8	1 4	10 27	2 43	14 46	0 24	0 57	1 14	23 3	4 20	20 50	21 6	14 3	16 41	6 34
M30	3 53	13 13	5 5	9 27	3 20	8 16	0 52	18 19	1 23	6 14	1 4	10 25	2 43	14 47	0 24	0 57	1 14	23 3	4 20	20 49	21 6	14 6	16 41	6 33
T 31	4n16	7n19	4n49	9n 6	3n15	8n45	0s51	18s20	1n22	6n19	1s 4	10s24	2n43	14n48	0s24	0s56	1s14	23n 3	4n20	20n47	21n 5	14n 9	16n42	6s33

Julian Day Number = 2520635.5, Delta T = 152.78 sec
Ecliptic obliquity = 23°24'57, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°23'01, Lahiri = 26°30'02

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2189
geocentric

APRIL 2189 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 39 32	11♈46'33	7♎33	14°R45	25♈53	27♏58	18♈54	4°R19	11♉14	0♈32	5°R34	3°R 7	4♊48	13♉46	6♋59	W 1
T 2	12 43 28	12°45'49	22°36	13♈57	27° 7	28° 0	19° 9	4♏14	11°17	0°34	5♌34	3♊ 0	4°45	13°53	7° 1	T 2
F 3	12 47 25	13°45'04	7♏40	13° 7	28°21	28° 1	19°23	4°10	11°21	0°36	5°34	2°56	4°42	13°59	7° 3	F 3
S 4	12 51 21	14°44'16	22°37	12°17	29°35	28°R 2	19°38	4° 6	11°24	0°39	5°33	2°54	4°39	14° 6	7° 5	S 4
S 5	12 55 18	15°43'27	7♐20	11°27	0♉49	28° 2	19°52	4° 2	11°27	0°41	5°33	2°D53	4°36	14°13	7° 7	S 5
M 6	12 59 14	16°42'36	21°44	10°39	2° 4	28° 1	20° 7	3°58	11°30	0°43	5°33	2°54	4°32	14°19	7° 9	M 6
T 7	13 3 11	17°41'44	5♑46	9°53	3°18	27°59	20°21	3°53	11°33	0°45	5°32	2°55	4°29	14°26	7°12	T 7
W 8	13 7 8	18°40'49	19°26	9°10	4°32	27°57	20°36	3°49	11°37	0°48	5°32	2°R56	4°26	14°33	7°14	W 8
T 9	13 11 4	19°39'53	2♒46	8°31	5°46	27°54	20°50	3°45	11°40	0°50	5°32	2°55	4°23	14°39	7°16	T 9
F 10	13 15 1	20°38'55	15°48	7°56	7° 0	27°50	21° 5	3°40	11°43	0°52	5°32	2°52	4°20	14°46	7°19	F 10
S 11	13 18 57	21°37'56	28°34	7°25	8°14	27°45	21°19	3°36	11°46	0°54	5°31	2°48	4°16	14°53	7°21	S 11
S 12	13 22 54	22°36'54	11♓ 7	7° 0	9°28	27°40	21°34	3°32	11°50	0°56	5°31	2°42	4°13	14°59	7°24	S 12
M13	13 26 50	23°35'51	23°28	6°40	10°42	27°33	21°48	3°27	11°53	0°58	5°31	2°35	4°10	15° 6	7°27	M13
T 14	13 30 47	24°34'45	5♈38	6°25	11°56	27°26	22° 3	3°23	11°56	1° 0	5°31	2°27	4° 7	15°13	7°30	T 14
W15	13 34 43	25°33'38	17°41	6°15	13°10	27°19	22°17	3°18	12° 0	1° 3	5°31	2°21	4° 4	15°19	7°32	W15
T 16	13 38 40	26°32'29	29°36	6°D11	14°24	27°10	22°32	3°13	12° 3	1° 5	5°31	2°15	4° 1	15°26	7°35	T 16
F 17	13 42 37	27°31'18	11♉27	6°12	15°37	27° 1	22°46	3° 9	12° 6	1° 7	5°D31	2°12	3°57	15°33	7°38	F 17
S 18	13 46 33	28°30'05	23°14	6°18	16°51	26°51	23° 1	3° 4	12°10	1° 9	5°31	2°10	3°54	15°39	7°41	S 18
S 19	13 50 30	29°28'50	5♊ 1	6°29	18° 5	26°40	23°15	3° 0	12°13	1°11	5°31	2°D 9	3°51	15°46	7°45	S 19
M20	13 54 26	0♉27'33	16°50	6°45	19°19	26°29	23°29	2°55	12°17	1°13	5°31	2°10	3°48	15°52	7°48	M20
T 21	13 58 23	1°26'14	28°46	7° 6	20°32	26°16	23°44	2°51	12°20	1°15	5°31	2°12	3°45	15°59	7°51	T 21
W22	14 2 19	2°24'52	10♋52	7°32	21°46	26° 3	23°58	2°46	12°23	1°17	5°31	2°13	3°41	16° 6	7°55	W22
T 23	14 6 16	3°23'29	23°13	8° 1	23° 0	25°50	24°13	2°41	12°27	1°19	5°31	2°15	3°38	16°12	7°58	T 23
F 24	14 10 12	4°22'03	5♌53	8°35	24°13	25°35	24°27	2°37	12°30	1°21	5°31	2°R15	3°35	16°19	8° 2	F 24
S 25	14 14 9	5°20'35	18°57	9°13	25°27	25°20	24°42	2°32	12°34	1°23	5°32	2°14	3°32	16°26	8° 5	S 25
S 26	14 18 6	6°19'05	2♍27	9°55	26°40	25° 4	24°56	2°28	12°37	1°25	5°32	2°12	3°29	16°32	8° 9	S 26
M27	14 22 2	7°17'32	16°26	10°40	27°54	24°48	25°10	2°23	12°41	1°27	5°32	2°10	3°26	16°39	8°13	M27
T 28	14 25 59	8°15'58	0♎52	11°28	29° 7	24°31	25°25	2°19	12°44	1°29	5°32	2° 6	3°22	16°46	8°16	T 28
W29	14 29 55	9°14'21	15°42	12°20	0♊21	24°14	25°39	2°14	12°48	1°31	5°33	2° 3	3°19	16°52	8°20	W29
T 30	14 33 52	10♉12'42	0♏47	13♈16	1♊34	23♏56	25♈53	2♏ 9	12♉51	1♈33	5♌33	2♊ 1	3♊16	16♉59	8♋24	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	4n39	0n53	4n13	8n41	3n 7	9n14	0s48	18s22	1n21	6n25	1s 4	10s23	2n43	14n49	0s24	0s55	1s14	23n 3	4n20	20n46	21n 5	14n11	16n42	6s32
T 2	5 2	5s42	3 20	8 14	2 58	9 43	0 46	18 24	1 20	6 30	1 4	10 21	2 44	14 50	0 24	0 54	1 14	23 4	4 20	20 44	21 4	14 14	16 43	6 32
F 3	5 25	11 59	2 12	7 45	2 48	10 11	0 44	18 25	1 19	6 36	1 4	10 20	2 44	14 51	0 24	0 53	1 14	23 4	4 20	20 43	21 3	14 17	16 43	6 31
S 4	5 48	17 31	0 55	7 15	2 36	10 39	0 42	18 26	1 18	6 41	1 4	10 18	2 44	14 52	0 24	0 52	1 14	23 4	4 20	20 43	21 3	14 20	16 43	6 31
S 5	6 11	21 54	0s24	6 43	2 23	11 7	0 40	18 27	1 17	6 47	1 4	10 17	2 44	14 53	0 24	0 51	1 14	23 4	4 20	20 43	21 2	14 22	16 44	6 30
M 6	6 34	24 49	1 40	6 11	2 9	11 35	0 38	18 28	1 15	6 52	1 4	10 15	2 44	14 54	0 24	0 50	1 14	23 4	4 20	20 43	21 2	14 25	16 44	6 30
T 7	6 56	26 6	2 48	5 39	1 54	12 3	0 36	18 29	1 14	6 57	1 4	10 14	2 44	14 55	0 24	0 50	1 14	23 4	4 20	20 43	21 1	14 28	16 44	6 29
W 8	7 19	25 43	3 45	5 8	1 38	12 30	0 33	18 30	1 13	7 3	1 4	10 12	2 44	14 56	0 24	0 49	1 14	23 4	4 20	20 43	21 0	14 31	16 45	6 29
T 9	7 41	23 52	4 28	4 38	1 22	12 57	0 31	18 31	1 11	7 8	1 4	10 11	2 44	14 57	0 24	0 48	1 14	23 4	4 20	20 43	21 0	14 33	16 45	6 28
F 10	8 3	20 47	4 56	4 9	1 6	13 23	0 29	18 31	1 10	7 14	1 4	10 9	2 44	14 58	0 24	0 47	1 14	23 4	4 20	20 43	20 59	14 36	16 46	6 28
S 11	8 25	16 47	5 9	3 42	0 50	13 49	0 26	18 32	1 8	7 19	1 4	10 8	2 44	14 59	0 24	0 46	1 14	23 4	4 20	20 42	20 59	14 39	16 46	6 27
S 12	8 47	12 7	5 6	3 17	0 33	14 15	0 24	18 32	1 7	7 25	1 4	10 6	2 44	15 0	0 24	0 45	1 14	23 4	4 20	20 41	20 58	14 41	16 46	6 27
M13	9 9	7 2	4 50	2 54	0 17	14 41	0 21	18 32	1 5	7 30	1 4	10 4	2 44	15 1	0 24	0 45	1 14	23 4	4 20	20 39	20 58	14 44	16 47	6 26
T 14	9 31	1 44	4 20	2 34	0 2	15 6	0 19	18 32	1 4	7 36	1 4	10 3	2 44	15 2	0 24	0 44	1 14	23 4	4 19	20 38	20 57	14 47	16 47	6 26
W15	9 52	3n34	3 39	2 16	0s14	15 31	0 16	18 32	1 2	7 41	1 4	10 1	2 45	15 3	0 24	0 43	1 14	23 4	4 19	20 37	20 56	14 50	16 47	6 26
T 16	10 14	8 42	2 48	2 1	0 29	15 55	0 14	18 32	1 0	7 46	1 4	10 0	2 45	15 4	0 24	0 42	1 14	23 4	4 19	20 36	20 56	14 52	16 47	6 25
F 17	10 35	13 30	1 51	1 48	0 43	16 19	0 11	18 32	0 58	7 52	1 4	9 58	2 45	15 5	0 24	0 41	1 14	23 4	4 19	20 35	20 55	14 55	16 48	6 25
S 18	10 56	17 47	0 49	1 38	0 56	16 43	0 9	18 31	0 57	7 57	1 4	9 57	2 45	15 6	0 23	0 40	1 14	23 4	4 19	20 34	20 55	14 58	16 48	6 24
S 19	11 17	21 22	0n16	1 31	1 9	17 6	0 6	18 30	0 55	8 2	1 4	9 55	2 45	15 7	0 23	0 40	1 14	23 4	4 19	20 34	20 54	15 1	16 48	6 24
M20	11 37	24 5	1 20	1 26	1 22	17 29	0 4	18 30	0 53	8 8	1 4	9 54	2 45	15 8	0 23	0 39	1 14	23 4	4 19	20 34	20 53	15 3	16 49	6 23
T 21	11 58	25 45	2 21	1 23	1 33	17 51	0 1	18 29	0 51	8 13	1 4	9 52	2 45	15 9	0 23	0 38	1 14	23 3	4 19	20 35	20 53	15 6	16 49	6 23
W22	12 18	26 14	3 17	1 24	1 44	18 13	0n 1	18 28	0 49	8 18	1 4	9 50	2 45	15 10	0 23	0 37	1 14	23 3	4 19	20 35	20 52	15 9	16 49	6 22
T 23	12 38	25 26	4 5	1 26	1 54	18 34	0 4	18 26	0 47	8 24	1 4	9 49	2 45	15 11	0 23	0 37	1 14	23 3	4 19	20 35	20 52	15 11	16 49	6 22
F 24	12 58	23 20	4 42	1 31	2 3	18 55	0 7	18 25	0 45	8 29	1 4	9 47	2 45	15 12	0 23	0 36	1 14	23 3	4 19	20 35	20 51	15 14	16 50	6 21
S 25	13 17	19 58	5 6	1 38	2 12	19 15	0 9	18 24	0 42	8 34	1 4	9 46	2 45	15 13	0 23	0 35	1 14	23 3	4 19	20 35	20 50	15 17	16 50	6 21
S 26	13 37	15 29	5 14	1 47	2 20	19 35	0 12	18 22	0 40	8 39	1 4	9 44	2 45	15 14	0 23	0 34	1 14	23 3	4 19	20 35	20 50	15 19	16 50	6 21
M27	13 56	10 2	5 5	1 58	2 27	19 55	0 15	18 20	0 38	8 45	1 4	9 43	2 45	15 15	0 23	0 34	1 14	23 3	4 19	20 34	20 49	15 22	16 50	6 20
T 28	14 15	3 52	4 36	2 11	2 33	20 13	0 17	18 18	0 36	8 50	1 4	9 41	2 44	15 16	0 23	0 33	1 14	23 3	4 19	20 34	20 49	15 25	16 50	6 20
W29	14 34	2s40	3 48	2 26	2 39	20 32	0 20	18 16	0 33	8 55	1 4	9 40	2 44	15 17	0 23	0 32	1 14	23 3	4 19	20 33	20 48	15 28	16 51	6 19
T 30	14n52	9s11	2n44	2n43	2s44	20n49	0n23	18s14	0n31	9n 0	1s 4	9s38	2n44	15n19	0s23	0s31	1s14	23n 3	4n19	20n33	20n47	15n30	16n51	6s19

Julian Day Number = 2520666.5, Delta T = 152.85 sec
Ecliptic obliquity = 23°24'57, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°23'06, Lahiri = 26°30'06

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2189
geocentric

MAY 2189 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 37 48	11♉11'02	16♏ 1	14♈14	2♊48	23°R37	26♈ 7	2°R 5	12♉54	1♈34	5♌33	1°R59	3♊13	17♉ 6	8♋28	F 1
S 2	14 41 45	12° 9'20	1♐12	15°15	4° 1	23♏18	26°22	2♏ 0	12°58	1°36	5°34	1°D59	3°10	17°12	8°32	S 2
S 3	14 45 41	13° 7'36	16°11	16°19	5°14	22°59	26°36	1°56	13° 1	1°38	5°34	1♊59	3° 7	17°19	8°36	S 3
M 4	14 49 38	14° 5'51	0♑51	17°26	6°27	22°39	26°50	1°52	13° 5	1°40	5°34	2° 0	3° 3	17°26	8°40	M 4
T 5	14 53 35	15° 4'04	15° 8	18°35	7°41	22°19	27° 4	1°47	13° 8	1°42	5°35	2° 1	3° 0	17°32	8°45	T 5
W 6	14 57 31	16° 2'16	28°59	19°47	8°54	21°58	27°18	1°43	13°12	1°44	5°35	2° 2	2°57	17°39	8°49	W 6
T 7	15 1 28	17° 0'27	12♒25	21° 1	10° 7	21°37	27°32	1°38	13°15	1°45	5°36	2°R 3	2°54	17°46	8°53	T 7
F 8	15 5 24	17°58'35	25°27	22°17	11°20	21°16	27°46	1°34	13°19	1°47	5°36	2° 3	2°51	17°52	8°58	F 8
S 9	15 9 21	18°56'43	8♓ 9	23°36	12°33	20°54	28° 0	1°30	13°22	1°49	5°37	2° 2	2°47	17°59	9° 2	S 9
S 10	15 13 17	19°54'49	20°33	24°58	13°46	20°32	28°14	1°26	13°26	1°50	5°37	2° 1	2°44	18° 6	9° 7	S 10
M11	15 17 14	20°52'53	2♈44	26°21	14°59	20°11	28°28	1°21	13°29	1°52	5°38	1°59	2°41	18°12	9°11	M11
T 12	15 21 10	21°50'56	14°45	27°47	16°12	19°49	28°42	1°17	13°32	1°54	5°39	1°58	2°38	18°19	9°16	T 12
W13	15 25 7	22°48'58	26°39	29°14	17°25	19°27	28°56	1°13	13°36	1°55	5°39	1°56	2°35	18°25	9°20	W13
T 14	15 29 4	23°46'58	8♉28	0♉44	18°38	19° 5	29°10	1° 9	13°39	1°57	5°40	1°55	2°32	18°32	9°25	T 14
F 15	15 33 0	24°44'57	20°15	2°17	19°51	18°43	29°24	1° 5	13°43	1°58	5°41	1°55	2°28	18°39	9°30	F 15
S 16	15 36 57	25°42'54	2♊ 3	3°51	21° 4	18°21	29°37	1° 1	13°46	2° 0	5°41	1°D55	2°25	18°45	9°35	S 16
S 17	15 40 53	26°40'50	13°53	5°27	22°17	17°59	29°51	0°57	13°50	2° 1	5°42	1°55	2°22	18°52	9°40	S 17
M18	15 44 50	27°38'44	25°48	7° 5	23°29	17°38	0♉ 5	0°53	13°53	2° 3	5°43	1°55	2°19	18°59	9°45	M18
T 19	15 48 46	28°36'37	7♋51	8°46	24°42	17°16	0°18	0°49	13°56	2° 4	5°44	1°56	2°16	19° 5	9°50	T 19
W20	15 52 43	29°34'28	20° 3	10°28	25°55	16°55	0°32	0°46	14° 0	2° 6	5°44	1°56	2°13	19°12	9°55	W20
T 21	15 56 39	0♊32'17	2♌30	12°13	27° 7	16°35	0°45	0°42	14° 3	2° 7	5°45	1°56	2° 9	19°19	10° 0	T 21
F 22	16 0 36	1°30'05	15°12	14° 0	28°20	16°14	0°59	0°38	14° 6	2° 9	5°46	1°56	2° 6	19°25	10° 5	F 22
S 23	16 4 33	2°27'51	28°14	15°49	29°33	15°54	1°12	0°35	14°10	2°10	5°47	1°56	2° 3	19°32	10°10	S 23
S 24	16 8 29	3°25'35	11♍39	17°39	0♋45	15°35	1°26	0°31	14°13	2°11	5°48	1°56	2° 0	19°39	10°15	S 24
M25	16 12 26	4°23'18	25°28	19°32	1°58	15°16	1°39	0°28	14°16	2°13	5°49	1°56	1°57	19°45	10°20	M25
T 26	16 16 22	5°20'59	9♎41	21°27	3°10	14°57	1°52	0°25	14°20	2°14	5°50	1°57	1°53	19°52	10°26	T 26
W27	16 20 19	6°18'39	24°16	23°24	4°22	14°39	2° 5	0°21	14°23	2°15	5°51	1°57	1°50	19°59	10°31	W27
T 28	16 24 15	7°16'17	9♏10	25°23	5°35	14°22	2°18	0°18	14°26	2°16	5°52	1°57	1°47	20° 5	10°36	T 28
F 29	16 28 12	8°13'53	24°16	27°24	6°47	14° 5	2°31	0°15	14°29	2°17	5°53	1°58	1°44	20°12	10°42	F 29
S 30	16 32 8	9°11'29	9♐24	29°27	7°59	13°49	2°44	0°12	14°33	2°19	5°54	1°R58	1°41	20°18	10°47	S 30
S 31	16 36 5	10♊ 9'03	24♐27	1♊32	9♋11	13♏34	2♉57	0♏ 9	14♉36	2♈20	5♌55	1♊57	1♊38	20♉25	10♋53	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	15n10	15s13	1n27	3n 1	2s48	21n 7	0n25	18s12	0n28	9n 5	1s 4	9s37	2n44	15n20	0s23	0s31	1s14	23n 2	4n19	20n32	20n47	15n33	16n51	6s19
S 2	15 28	20 18	0 4	3 21	2 52	21 23	0 28	18 10	0 26	9 10	1 4	9 35	2 44	15 21	0 23	0 30	1 14	23 2	4 19	20 32	20 46	15 36	16 51	6 18
S 3	15 46	23 59	1s18	3 43	2 55	21 39	0 30	18 7	0 23	9 15	1 4	9 34	2 44	15 22	0 23	0 29	1 14	23 2	4 19	20 32	20 46	15 38	16 51	6 18
M 4	16 3	25 58	2 33	4 6	2 57	21 54	0 33	18 5	0 21	9 20	1 4	9 32	2 44	15 23	0 23	0 29	1 14	23 2	4 19	20 32	20 45	15 41	16 51	6 17
T 5	16 20	26 9	3 37	4 31	2 59	22 9	0 36	18 2	0 18	9 25	1 4	9 31	2 44	15 24	0 23	0 28	1 14	23 2	4 19	20 33	20 44	15 44	16 51	6 17
W 6	16 37	24 40	4 26	4 57	3 0	22 23	0 38	17 59	0 16	9 31	1 4	9 29	2 44	15 25	0 23	0 27	1 15	23 2	4 18	20 33	20 44	15 46	16 51	6 17
T 7	16 54	21 50	4 58	5 24	3 0	22 37	0 41	17 57	0 13	9 36	1 4	9 28	2 44	15 26	0 23	0 27	1 15	23 2	4 18	20 33	20 43	15 49	16 52	6 16
F 8	17 10	17 57	5 15	5 53	3 0	22 50	0 43	17 54	0 10	9 40	1 4	9 27	2 44	15 27	0 23	0 26	1 15	23 1	4 18	20 33	20 42	15 52	16 52	6 16
S 9	17 26	13 22	5 15	6 23	2 59	23 2	0 46	17 51	0 8	9 45	1 4	9 25	2 44	15 28	0 23	0 25	1 15	23 1	4 18	20 33	20 42	15 54	16 52	6 16
S 10	17 42	8 20	5 0	6 54	2 58	23 14	0 48	17 47	0 5	9 50	1 4	9 24	2 44	15 29	0 23	0 25	1 15	23 1	4 18	20 33	20 41	15 57	16 52	6 15
M11	17 57	3 5	4 32	7 26	2 56	23 25	0 51	17 44	0 2	9 55	1 4	9 23	2 44	15 30	0 23	0 24	1 15	23 1	4 18	20 32	20 41	16 0	16 52	6 15
T 12	18 13	2n14	3 53	7 59	2 53	23 35	0 53	17 41	0s 1	10 0	1 4	9 21	2 43	15 31	0 23	0 23	1 15	23 1	4 18	20 32	20 40	16 2	16 52	6 15
W13	18 27	7 25	3 3	8 33	2 50	23 45	0 56	17 38	0 3	10 5	1 4	9 20	2 43	15 32	0 23	0 23	1 15	23 0	4 18	20 32	20 39	16 5	16 52	6 14
T 14	18 42	12 19	2 7	9 8	2 46	23 54	0 58	17 34	0 6	10 10	1 4	9 19	2 43	15 33	0 23	0 22	1 15	23 0	4 18	20 32	20 39	16 8	16 52	6 14
F 15	18 56	16 46	1 4	9 43	2 42	24 2	1 1	17 31	0 9	10 15	1 4	9 17	2 43	15 34	0 23	0 22	1 15	23 0	4 18	20 31	20 38	16 10	16 52	6 14
S 16	19 10	20 34	0n 1	10 20	2 37	24 10	1 3	17 28	0 12	10 19	1 4	9 16	2 43	15 35	0 23	0 21	1 15	23 0	4 18	20 31	20 37	16 13	16 52	6 13
S 17	19 24	23 32	1 6	10 57	2 31	24 17	1 5	17 24	0 15	10 24	1 4	9 15	2 43	15 36	0 23	0 21	1 15	23 0	4 18	20 31	20 37	16 15	16 52	6 13
M18	19 37	25 30	2 9	11 34	2 26	24 23	1 8	17 21	0 17	10 29	1 4	9 14	2 43	15 37	0 23	0 20	1 15	22 59	4 18	20 32	20 36	16 18	16 52	6 13
T 19	19 50	26 17	3 7	12 12	2 19	24 28	1 10	17 18	0 20	10 34	1 4	9 13	2 42	15 38	0 23	0 19	1 15	22 59	4 18	20 32	20 36	16 21	16 52	6 12
W20	20 2	25 49	3 57	12 51	2 12	24 33	1 12	17 14	0 23	10 38	1 5	9 11	2 42	15 39	0 23	0 19	1 15	22 59	4 18	20 32	20 35	16 23	16 52	6 12
T 21	20 15	24 5	4 37	13 30	2 5	24 37	1 14	17 11	0 26	10 43	1 5	9 10	2 42	15 40	0 23	0 18	1 15	22 59	4 18	20 32	20 34	16 26	16 51	6 12
F 22	20 26	21 6	5 4	14 9	1 57	24 41	1 16	17 8	0 28	10 48	1 5	9 9	2 42	15 41	0 23	0 18	1 15	22 58	4 18	20 32	20 34	16 29	16 51	6 12
S 23	20 38	17 2	5 17	14 49	1 49	24 43	1 19	17 5	0 31	10 52	1 5	9 8	2 42	15 42	0 23	0 17	1 15	22 58	4 18	20 32	20 33	16 31	16 51	6 11
S 24	20 49	12 1	5 13	15 28	1 40	24 45	1 21	17 2	0 34	10 57	1 5	9 7	2 42	15 43	0 23	0 17	1 15	22 58	4 18	20 32	20 32	16 34	16 51	6 11
M25	21 0	6 16	4 51	16 8	1 31	24 47	1 23	16 59	0 36	11 1	1 5	9 6	2 41	15 44	0 23	0 16	1 15	22 58	4 18	20 32	20 32	16 36	16 51	6 11
T 26	21 10	0 2	4 12	16 47	1 22	24 47	1 25	16 56	0 39	11 6	1 5	9 5	2 41	15 45	0 23	0 16	1 15	22 57	4 18	20 32	20 31	16 39	16 51	6 11
W27	21 20	6s23	3 15	17 26	1 12	24 47	1 26	16 53	0 42	11 10	1 5	9 4	2 41	15 46	0 23	0 16	1 15	22 57	4 18	20 32	20 31	16 42	16 51	6 10
T 28	21 30	12 35	2 3	18 5	1 2	24 46	1 28	16 50	0 44	11 15	1 5	9 3	2 41	15 47	0 23	0 15	1 15	22 57	4 18	20 32	20 30	16 44	16 51	6 10
F 29	21 39	18 8	0 43	18 43	0 52	24 44	1 30	16 48	0 47	11 19	1 5	9 2	2 41	15 48	0 23	0 15	1 15	22 57	4 18	20 32	20 29	16 47	16 50	6 10
S 30	21 48	22 31	0s41	19 20	0 42	24 42	1 32	16 45	0 49	11 23	1 5	9 1	2 41	15 49	0 23	0 14	1 16	22 56	4 18	20 32	20 29	16 50	16 50	6 10
S 31	21n57	25s20	2s 2	19n56	0s31	24n39	1n33	16s43	0s52	11n28	1s 5	9s 1	2n40	15n50	0s23	0s14	1s16	22n56	4n18	20n32	20n28	16n52	16n50	6s10

Julian Day Number = 2520696.5, Delta T = 152.93 sec
Ecliptic obliquity = 23°24'57, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°23'10, Lahiri = 26°30'10

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2189
geocentric

JUNE 2189 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 40 2	11♊ 6'37	9♉15	3♊38	10♋24	13°R19	3♉10	0°R 6	14♉39	2♈21	5♌56	1°R56	1♊34	20♉32	10♋58	M 1
T 2	16 43 58	12° 4'09	23°42	5°45	11°36	13♏ 5	3°23	0♏ 3	14°42	2°22	5°57	1♊55	1°31	20°38	11° 4	T 2
W 3	16 47 55	13° 1'41	7♒43	7°54	12°48	12°51	3°36	0° 0	14°45	2°23	5°58	1°54	1°28	20°45	11° 9	W 3
T 4	16 51 51	13°59'11	21°17	10° 5	14° 0	12°39	3°49	29♎58	14°48	2°24	5°59	1°53	1°25	20°52	11°15	T 4
F 5	16 55 48	14°56'41	4♓25	12°16	15°12	12°27	4° 1	29°55	14°52	2°25	6° 0	1°52	1°22	20°58	11°20	F 5
S 6	16 59 44	15°54'10	17° 8	14°27	16°24	12°16	4°14	29°53	14°55	2°26	6° 2	1°D52	1°19	21° 5	11°26	S 6
S 7	17 3 41	16°51'38	29°32	16°39	17°36	12° 5	4°26	29°50	14°58	2°27	6° 3	1°52	1°15	21°12	11°32	S 7
M 8	17 7 37	17°49'06	11♈40	18°51	18°47	11°56	4°39	29°48	15° 1	2°28	6° 4	1°53	1°12	21°18	11°38	M 8
T 9	17 11 34	18°46'33	23°37	21° 3	19°59	11°47	4°51	29°46	15° 4	2°29	6° 5	1°55	1° 9	21°25	11°43	T 9
W10	17 15 31	19°43'59	5♉26	23°15	21°11	11°39	5° 3	29°44	15° 7	2°29	6° 6	1°56	1° 6	21°32	11°49	W10
T 11	17 19 27	20°41'24	17°13	25°26	22°23	11°32	5°15	29°41	15°10	2°30	6° 8	1°57	1° 3	21°38	11°55	T 11
F 12	17 23 24	21°38'49	29° 1	27°36	23°34	11°25	5°28	29°39	15°13	2°31	6° 9	1°R58	0°59	21°45	12° 1	F 12
S 13	17 27 20	22°36'14	10♊51	29°45	24°46	11°20	5°40	29°38	15°16	2°32	6°10	1°58	0°56	21°52	12° 7	S 13
S 14	17 31 17	23°33'37	22°48	1♋52	25°57	11°15	5°51	29°36	15°19	2°32	6°11	1°56	0°53	21°58	12°12	S 14
M15	17 35 13	24°31'00	4♋53	3°58	27° 9	11°11	6° 3	29°34	15°21	2°33	6°13	1°54	0°50	22° 5	12°18	M15
T 16	17 39 10	25°28'22	17° 8	6° 2	28°20	11° 8	6°15	29°33	15°24	2°34	6°14	1°51	0°47	22°11	12°24	T 16
W17	17 43 7	26°25'43	29°35	8° 4	29°32	11° 6	6°27	29°31	15°27	2°34	6°15	1°47	0°44	22°18	12°30	W17
T 18	17 47 3	27°23'04	12♌14	10° 4	0♌43	11° 5	6°38	29°30	15°30	2°35	6°17	1°43	0°40	22°25	12°36	T 18
F 19	17 51 0	28°20'23	25° 7	12° 3	1°54	11°D 4	6°50	29°28	15°33	2°35	6°18	1°39	0°37	22°31	12°42	F 19
S 20	17 54 56	29°17'42	8♍15	13°59	3° 5	11° 4	7° 1	29°27	15°35	2°36	6°20	1°37	0°34	22°38	12°48	S 20
S 21	17 58 53	0♋15'00	21°40	15°53	4°16	11° 6	7°13	29°26	15°38	2°36	6°21	1°35	0°31	22°45	12°54	S 21
M22	18 2 49	1°12'17	5♎23	17°44	5°28	11° 7	7°24	29°25	15°41	2°37	6°22	1°D35	0°28	22°51	13° 0	M22
T 23	18 6 46	2° 9'33	19°25	19°33	6°39	11°10	7°35	29°24	15°43	2°37	6°24	1°36	0°25	22°58	13° 6	T 23
W24	18 10 42	3° 6'48	3♏44	21°21	7°50	11°14	7°46	29°23	15°46	2°38	6°25	1°37	0°21	23° 5	13°12	W24
T 25	18 14 39	4° 4'03	18°18	23° 5	9° 0	11°18	7°57	29°22	15°49	2°38	6°27	1°39	0°18	23°11	13°18	T 25
F 26	18 18 36	5° 1'17	3♐ 4	24°48	10°11	11°23	8° 8	29°22	15°51	2°38	6°28	1°R39	0°15	23°18	13°24	F 26
S 27	18 22 32	5°58'31	17°56	26°28	11°22	11°29	8°19	29°21	15°54	2°39	6°30	1°38	0°12	23°25	13°31	S 27
S 28	18 26 29	6°55'44	2♑47	28° 6	12°33	11°35	8°29	29°21	15°56	2°39	6°31	1°36	0° 9	23°31	13°37	S 28
M29	18 30 25	7°52'57	17°28	29°41	13°43	11°43	8°40	29°20	15°59	2°39	6°33	1°32	0° 5	23°38	13°43	M29
T 30	18 34 22	8♋50'10	1♒53	1♌14	14♌54	11♏51	8♉50	29♎20	16♉ 1	2♈39	6♌34	1♊26	0♊ 2	23♉45	13♋49	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n 5	26s18	3s13	20n31	0s20	24n35	1n35	16s41	0s54	11n32	1s 5	9s 0	2n40	15n51	0s23	0s13	1s16	22n56	4n18	20n32	20n27	16n55	16n50	6s 9
T 2	22 13	25 26	4 9	21 5	0 10	24 31	1 37	16 39	0 57	11 36	1 5	8 59	2 40	15 52	0 23	0 13	1 16	22 55	4 18	20 32	20 27	16 57	16 49	6 9
W 3	22 20	22 59	4 49	21 37	0n 1	24 26	1 38	16 37	0 59	11 41	1 6	8 58	2 40	15 53	0 23	0 13	1 16	22 55	4 18	20 31	20 26	17 0	16 49	6 9
T 4	22 27	19 18	5 12	22 8	0 12	24 20	1 40	16 35	1 1	11 45	1 6	8 57	2 40	15 54	0 23	0 12	1 16	22 55	4 18	20 31	20 25	17 2	16 49	6 9
F 5	22 34	14 48	5 17	22 36	0 22	24 13	1 41	16 34	1 4	11 49	1 6	8 57	2 39	15 55	0 23	0 12	1 16	22 54	4 18	20 31	20 25	17 5	16 49	6 9
S 6	22 40	9 46	5 6	23 3	0 32	24 6	1 42	16 33	1 6	11 53	1 6	8 56	2 39	15 55	0 23	0 12	1 16	22 54	4 17	20 31	20 24	17 8	16 48	6 8
S 7	22 46	4 29	4 41	23 27	0 42	23 58	1 44	16 32	1 8	11 57	1 6	8 55	2 39	15 56	0 23	0 11	1 16	22 54	4 17	20 31	20 23	17 10	16 48	6 8
M 8	22 51	0n52	4 4	23 48	0 52	23 50	1 45	16 31	1 10	12 1	1 6	8 55	2 39	15 57	0 23	0 11	1 16	22 54	4 17	20 31	20 23	17 13	16 48	6 8
T 9	22 57	6 7	3 17	24 7	1 1	23 40	1 46	16 30	1 12	12 5	1 6	8 54	2 38	15 58	0 23	0 11	1 16	22 53	4 17	20 31	20 22	17 15	16 47	6 8
W10	23 1	11 6	2 22	24 24	1 9	23 31	1 47	16 29	1 14	12 9	1 6	8 54	2 38	15 59	0 23	0 10	1 16	22 53	4 17	20 32	20 22	17 18	16 47	6 8
T 11	23 5	15 40	1 21	24 37	1 17	23 20	1 48	16 29	1 16	12 13	1 6	8 53	2 38	16 0	0 23	0 10	1 16	22 53	4 17	20 32	20 21	17 20	16 47	6 8
F 12	23 9	19 39	0 16	24 48	1 25	23 9	1 49	16 29	1 18	12 17	1 6	8 53	2 38	16 1	0 23	0 10	1 16	22 52	4 17	20 32	20 20	17 23	16 46	6 7
S 13	23 13	22 51	0n49	24 56	1 31	22 57	1 50	16 29	1 20	12 21	1 6	8 52	2 37	16 2	0 23	0 10	1 16	22 52	4 17	20 32	20 20	17 26	16 46	6 7
S 14	23 16	25 6	1 53	25 1	1 37	22 44	1 50	16 30	1 22	12 25	1 7	8 52	2 37	16 2	0 23	0 9	1 16	22 52	4 17	20 32	20 19	17 28	16 46	6 7
M15	23 18	26 11	2 52	25 4	1 43	22 31	1 51	16 30	1 24	12 29	1 7	8 52	2 37	16 3	0 23	0 9	1 16	22 51	4 17	20 31	20 18	17 31	16 45	6 7
T 16	23 20	26 1	3 44	25 4	1 47	22 18	1 52	16 31	1 26	12 32	1 7	8 51	2 37	16 4	0 23	0 9	1 16	22 51	4 17	20 31	20 18	17 33	16 45	6 7
W17	23 22	24 33	4 26	25 1	1 51	22 3	1 52	16 32	1 28	12 36	1 7	8 51	2 37	16 5	0 23	0 9	1 16	22 50	4 17	20 30	20 17	17 36	16 44	6 7
T 18	23 23	21 51	4 56	24 56	1 54	21 48	1 52	16 33	1 29	12 40	1 7	8 51	2 36	16 6	0 23	0 9	1 16	22 50	4 17	20 29	20 16	17 38	16 44	6 7
F 19	23 24	18 2	5 12	24 48	1 56	21 33	1 53	16 34	1 31	12 43	1 7	8 50	2 36	16 6	0 23	0 8	1 16	22 50	4 17	20 28	20 16	17 41	16 43	6 7
S 20	23 25	13 17	5 12	24 38	1 58	21 17	1 53	16 36	1 33	12 47	1 7	8 50	2 36	16 7	0 23	0 8	1 17	22 49	4 17	20 28	20 15	17 43	16 43	6 7
S 21	23 25	7 49	4 55	24 26	1 59	21 0	1 53	16 38	1 34	12 51	1 7	8 50	2 36	16 8	0 23	0 8	1 17	22 49	4 17	20 28	20 14	17 46	16 42	6 7
M22	23 25	1 51	4 21	24 12	1 59	20 43	1 53	16 40	1 36	12 54	1 8	8 50	2 35	16 9	0 23	0 8	1 17	22 49	4 17	20 28	20 14	17 48	16 42	6 7
T 23	23 24	4s20	3 31	23 56	1 58	20 25	1 53	16 42	1 37	12 58	1 8	8 50	2 35	16 10	0 23	0 8	1 17	22 48	4 17	20 28	20 13	17 51	16 41	6 7
W24	23 23	10 27	2 27	23 39	1 57	20 7	1 53	16 45	1 39	13 1	1 8	8 50	2 35	16 10	0 23	0 8	1 17	22 48	4 17	20 28	20 12	17 53	16 41	6 6
T 25	23 21	16 6	1 12	23 20	1 55	19 48	1 53	16 47	1 40	13 5	1 8	8 50	2 34	16 11	0 23	0 8	1 17	22 48	4 17	20 28	20 12	17 56	16 40	6 6
F 26	23 19	20 53	0s 8	22 59	1 52	19 29	1 53	16 50	1 41	13 8	1 8	8 50	2 34	16 12	0 23	0 8	1 17	22 47	4 17	20 28	20 11	17 59	16 40	6 6
S 27	23 17	24 20	1 28	22 37	1 49	19 9	1 52	16 53	1 43	13 11	1 8	8 50	2 34	16 12	0 23	0 8	1 17	22 47	4 17	20 28	20 10	18 1	16 39	6 6
S 28	23 14	26 5	2 42	22 14	1 45	18 49	1 52	16 57	1 44	13 15	1 8	8 50	2 34	16 13	0 23	0 8	1 17	22 46	4 17	20 28	20 10	18 4	16 39	6 6
M29	23 11	25 59	3 44	21 50	1 40	18 28	1 51	17 0	1 45	13 18	1 8	8 50	2 33	16 14	0 23	0 7	1 17	22 46	4 17	20 27	20 9	18 6	16 38	6 6
T 30	23n 7	24s 7	4s31	21n24	1n35	18n 7	1n51	17s 4	1s47	13n21	1s 9	8s50	2n33	16n15	0s23	0s 7	1s17	22n46	4n17	20n26	20n 8	18n 9	16n38	6s 6

Julian Day Number = 2520727.5, Delta T = 153.01 sec
Ecliptic obliquity = 23°24'57, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°23'14, Lahiri = 26°30'15

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2189
geocentric

JULY 2189 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 38 18	9♋47'22	15♒56	2♌45	16♌ 4	11♏59	9♉ 1	29°R20	16♉ 3	2♈39	6♌36	1°R21	29♉59	23♉51	13♋55	W 1
T 2	18 42 15	10°44'35	29°34	4°13	17°15	12° 9	9°11	29°D20	16° 6	2°40	6°38	1♊15	29°56	23°58	14° 1	T 2
F 3	18 46 11	11°41'47	12♓46	5°39	18°25	12°19	9°21	29♎20	16° 8	2°40	6°39	1°10	29°53	24° 4	14° 7	F 3
S 4	18 50 8	12°39'00	25°33	7° 2	19°35	12°29	9°31	29°20	16°10	2°40	6°41	1° 7	29°50	24°11	14°13	S 4
S 5	18 54 5	13°36'12	7♈58	8°23	20°45	12°41	9°41	29°20	16°12	2°R40	6°42	1° 6	29°46	24°18	14°20	S 5
M 6	18 58 1	14°33'25	20° 6	9°41	21°55	12°53	9°51	29°21	16°15	2°40	6°44	1°D 6	29°43	24°24	14°26	M 6
T 7	19 1 58	15°30'38	2♉ 3	10°57	23° 5	13° 6	10° 1	29°21	16°17	2°40	6°45	1° 7	29°40	24°31	14°32	T 7
W 8	19 5 54	16°27'51	13°52	12°11	24°15	13°19	10°10	29°22	16°19	2°40	6°47	1° 8	29°37	24°38	14°38	W 8
T 9	19 9 51	17°25'05	25°39	13°21	25°25	13°33	10°20	29°22	16°21	2°39	6°49	1°R 9	29°34	24°44	14°44	T 9
F 10	19 13 47	18°22'18	7♊29	14°29	26°35	13°48	10°29	29°23	16°23	2°39	6°50	1° 9	29°31	24°51	14°50	F 10
S 11	19 17 44	19°19'33	19°25	15°34	27°44	14° 3	10°38	29°24	16°25	2°39	6°52	1° 7	29°27	24°58	14°57	S 11
S 12	19 21 40	20°16'47	1♋30	16°36	28°54	14°19	10°47	29°25	16°27	2°39	6°54	1° 3	29°24	25° 4	15° 3	S 12
M13	19 25 37	21°14'01	13°48	17°35	0♍ 4	14°35	10°56	29°26	16°29	2°39	6°55	0°57	29°21	25°11	15° 9	M13
T 14	19 29 34	22°11'16	26°19	18°31	1°13	14°52	11° 5	29°27	16°31	2°38	6°57	0°50	29°18	25°18	15°15	T 14
W15	19 33 30	23° 8'31	9♌ 4	19°24	2°22	15°10	11°14	29°28	16°32	2°38	6°59	0°41	29°15	25°24	15°21	W15
T 16	19 37 27	24° 5'46	22° 2	20°13	3°32	15°28	11°22	29°30	16°34	2°38	7° 0	0°31	29°11	25°31	15°27	T 16
F 17	19 41 23	25° 3'01	5♍14	20°59	4°41	15°46	11°31	29°31	16°36	2°37	7° 2	0°23	29° 8	25°38	15°33	F 17
S 18	19 45 20	26° 0'16	18°38	21°41	5°50	16° 6	11°39	29°33	16°38	2°37	7° 4	0°16	29° 5	25°44	15°40	S 18
S 19	19 49 16	26°57'32	2♎13	22°20	6°59	16°25	11°47	29°34	16°39	2°37	7° 5	0°11	29° 2	25°51	15°46	S 19
M20	19 53 13	27°54'47	16° 0	22°55	8° 8	16°46	11°55	29°36	16°41	2°36	7° 7	0° 9	28°59	25°57	15°52	M20
T 21	19 57 9	28°52'02	29°57	23°25	9°16	17° 6	12° 3	29°38	16°42	2°36	7° 9	0°D 8	28°56	26° 4	15°58	T 21
W22	20 1 6	29°49'18	14♏ 5	23°51	10°25	17°28	12°11	29°40	16°44	2°35	7°10	0° 9	28°52	26°11	16° 4	W22
T 23	20 5 3	0♌46'34	28°22	24°13	11°34	17°49	12°18	29°42	16°45	2°35	7°12	0°R 9	28°49	26°17	16°10	T 23
F 24	20 8 59	1°43'50	12♐46	24°31	12°42	18°11	12°26	29°44	16°47	2°34	7°14	0° 9	28°46	26°24	16°16	F 24
S 25	20 12 56	2°41'06	27°14	24°44	13°50	18°34	12°33	29°46	16°48	2°33	7°15	0° 6	28°43	26°31	16°22	S 25
S 26	20 16 52	3°38'23	11♑42	24°52	14°58	18°57	12°40	29°48	16°50	2°33	7°17	0° 1	28°40	26°37	16°28	S 26
M27	20 20 49	4°35'40	26° 4	24°R55	16° 6	19°21	12°47	29°51	16°51	2°32	7°19	29♉53	28°37	26°44	16°34	M27
T 28	20 24 45	5°32'58	10♒14	24°53	17°14	19°45	12°54	29°53	16°52	2°31	7°21	29°44	28°33	26°51	16°40	T 28
W29	20 28 42	6°30'16	24° 7	24°46	18°22	20° 9	13° 1	29°56	16°53	2°31	7°22	29°34	28°30	26°57	16°46	W29
T 30	20 32 38	7°27'35	7♓39	24°34	19°30	20°34	13° 7	29°58	16°55	2°30	7°24	29°23	28°27	27° 4	16°52	T 30
F 31	20 36 35	8♌24'55	20♓48	24♌17	20♍37	20♏59	13♉14	0♏ 1	16♉56	2♈29	7♌26	29♉14	28♉24	27♉11	16♋58	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23n 3	20s48	5s 0	20n58	1n29	17n45	1n50	17s 8	1s48	13n24	1s 9	8s50	2n33	16n15	0s23	0s 7	1s17	22n45	4n17	20n25	20n 8	18n11	16n37	6s 6
T 2	22 59	16 27	5 11	20 31	1 22	17 23	1 49	17 12	1 49	13 27	1 9	8 51	2 33	16 16	0 23	0 7	1 17	22 45	4 17	20 23	20 7	18 14	16 36	6 6
F 3	22 54	11 27	5 4	20 3	1 15	17 1	1 48	17 16	1 50	13 30	1 9	8 51	2 32	16 16	0 23	0 7	1 17	22 45	4 17	20 22	20 6	18 16	16 36	6 6
S 4	22 49	6 6	4 43	19 35	1 8	16 38	1 47	17 20	1 51	13 33	1 9	8 51	2 32	16 17	0 23	0 7	1 17	22 44	4 18	20 22	20 6	18 18	16 35	6 6
S 5	22 43	0 39	4 9	19 7	1 0	16 14	1 46	17 25	1 52	13 36	1 9	8 52	2 32	16 18	0 23	0 8	1 17	22 44	4 18	20 22	20 5	18 21	16 34	6 6
M 6	22 37	4n42	3 24	18 37	0 51	15 51	1 45	17 29	1 53	13 39	1 9	8 52	2 32	16 18	0 23	0 8	1 17	22 43	4 18	20 22	20 4	18 23	16 34	6 6
T 7	22 31	9 48	2 31	18 8	0 42	15 27	1 44	17 34	1 54	13 42	1 10	8 52	2 31	16 19	0 23	0 8	1 17	22 43	4 18	20 22	20 4	18 26	16 33	6 7
W 8	22 24	14 31	1 32	17 39	0 32	15 2	1 42	17 39	1 55	13 45	1 10	8 53	2 31	16 20	0 23	0 8	1 17	22 43	4 18	20 22	20 3	18 28	16 32	6 7
T 9	22 17	18 40	0 30	17 9	0 22	14 37	1 41	17 44	1 56	13 48	1 10	8 53	2 31	16 20	0 23	0 8	1 17	22 42	4 18	20 22	20 2	18 31	16 32	6 7
F 10	22 9	22 6	0n34	16 39	0 12	14 12	1 39	17 50	1 57	13 51	1 10	8 54	2 30	16 21	0 23	0 8	1 18	22 42	4 18	20 22	20 2	18 33	16 31	6 7
S 11	22 1	24 36	1 37	16 10	0 1	13 46	1 38	17 55	1 58	13 53	1 10	8 54	2 30	16 21	0 23	0 8	1 18	22 42	4 18	20 22	20 1	18 36	16 30	6 7
S 12	21 53	26 1	2 36	15 41	0s11	13 21	1 36	18 1	1 59	13 56	1 10	8 55	2 30	16 22	0 23	0 8	1 18	22 41	4 18	20 21	20 0	18 38	16 29	6 7
M13	21 45	26 10	3 29	15 12	0 22	12 54	1 34	18 6	2 0	13 59	1 10	8 56	2 30	16 22	0 23	0 8	1 18	22 41	4 18	20 20	19 59	18 41	16 29	6 7
T 14	21 35	25 0	4 13	14 43	0 34	12 28	1 32	18 12	2 0	14 1	1 11	8 56	2 29	16 23	0 24	0 8	1 18	22 40	4 18	20 18	19 59	18 43	16 28	6 7
W15	21 26	22 33	4 45	14 15	0 47	12 1	1 30	18 18	2 1	14 4	1 11	8 57	2 29	16 23	0 24	0 9	1 18	22 40	4 18	20 16	19 58	18 46	16 27	6 7
T 16	21 16	18 55	5 2	13 47	0 59	11 34	1 28	18 24	2 2	14 6	1 11	8 58	2 29	16 24	0 24	0 9	1 18	22 40	4 18	20 14	19 57	18 48	16 26	6 7
F 17	21 6	14 18	5 5	13 21	1 12	11 7	1 26	18 30	2 3	14 9	1 11	8 58	2 29	16 24	0 24	0 9	1 18	22 39	4 18	20 13	19 57	18 50	16 26	6 7
S 18	20 56	8 57	4 50	12 55	1 26	10 39	1 23	18 36	2 3	14 11	1 11	8 59	2 28	16 25	0 24	0 9	1 18	22 39	4 18	20 11	19 56	18 53	16 25	6 8
S 19	20 45	3 5	4 20	12 30	1 39	10 12	1 21	18 43	2 4	14 13	1 11	9 0	2 28	16 25	0 24	0 9	1 18	22 38	4 18	20 10	19 55	18 55	16 24	6 8
M20	20 34	3s 0	3 34	12 5	1 53	9 44	1 18	18 49	2 5	14 16	1 12	9 1	2 28	16 26	0 24	0 10	1 18	22 38	4 18	20 10	19 55	18 58	16 23	6 8
T 21	20 22	9 2	2 34	11 43	2 6	9 15	1 16	18 56	2 5	14 18	1 12	9 2	2 28	16 26	0 24	0 10	1 18	22 38	4 18	20 10	19 54	19 0	16 22	6 8
W22	20 10	14 42	1 25	11 21	2 20	8 47	1 13	19 2	2 6	14 20	1 12	9 3	2 27	16 27	0 24	0 10	1 18	22 37	4 18	20 10	19 53	19 3	16 21	6 8
T 23	19 58	19 37	0 10	11 1	2 34	8 18	1 10	19 9	2 6	14 22	1 12	9 4	2 27	16 27	0 24	0 10	1 18	22 37	4 18	20 10	19 53	19 5	16 21	6 8
F 24	19 45	23 25	1s 7	10 42	2 48	7 50	1 7	19 16	2 7	14 24	1 12	9 4	2 27	16 27	0 24	0 11	1 18	22 36	4 18	20 10	19 52	19 7	16 20	6 8
S 25	19 32	25 43	2 19	10 25	3 1	7 21	1 4	19 23	2 8	14 26	1 13	9 5	2 27	16 28	0 24	0 11	1 18	22 36	4 18	20 9	19 51	19 10	16 19	6 9
S 26	19 19	26 16	3 23	10 10	3 15	6 51	1 1	19 30	2 8	14 28	1 13	9 7	2 26	16 28	0 24	0 11	1 18	22 36	4 18	20 8	19 51	19 12	16 18	6 9
M27	19 6	25 3	4 12	9 56	3 28	6 22	0 58	19 37	2 9	14 30	1 13	9 8	2 26	16 29	0 24	0 12	1 18	22 35	4 18	20 6	19 50	19 15	16 17	6 9
T 28	18 52	22 15	4 46	9 45	3 40	5 53	0 55	19 44	2 9	14 32	1 13	9 9	2 26	16 29	0 24	0 12	1 18	22 35	4 19	20 4	19 49	19 17	16 16	6 9
W29	18 38	18 12	5 2	9 36	3 53	5 23	0 52	19 51	2 10	14 34	1 13	9 10	2 25	16 29	0 24	0 12	1 18	22 35	4 19	20 2	19 48	19 19	16 15	6 9
T 30	18 23	13 19	5 0	9 29	4 4	4 54	0 48	19 58	2 10	14 36	1 13	9 11	2 25	16 30	0 24	0 13	1 18	22 34	4 19	20 0	19 48	19 22	16 14	6 10
F 31	18n 9	7s58	4s42	9n24	4s15	4n24	0n45	20s 5	2s10	14n37	1s14	9s12	2n25	16n30	0s24	0s13	1s19	22n34	4n19	19n58	19n47	19n24	16n13	6s10

Julian Day Number = 2520757.5, Delta T = 153.08 sec
Ecliptic obliquity = 23°24'57, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°23'18, Lahiri = 26°30'19

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2189
geocentric

AUGUST 2189 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 40 32	9♌22'16	3♈35	23°R56	21♍45	21♏25	13♉20	0♏ 4	16♉57	2°R28	7♌27	29°R 7	28♉21	27♉17	17♋ 4	S 1
S 2	20 44 28	10°19'37	16° 0	23♌29	22°52	21°51	13°26	0° 7	16°58	2♈27	7°29	29♉ 2	28°17	27°24	17°10	S 2
M 3	20 48 25	11°17'00	28° 9	22°58	23°59	22°17	13°32	0°10	16°59	2°27	7°31	29° 0	28°14	27°30	17°15	M 3
T 4	20 52 21	12°14'24	10♉ 6	22°23	25° 6	22°44	13°38	0°13	17° 0	2°26	7°32	28°D59	28°11	27°37	17°21	T 4
W 5	20 56 18	13°11'49	21°56	21°45	26°13	23°11	13°43	0°16	17° 0	2°25	7°34	28°59	28° 8	27°44	17°27	W 5
T 6	21 0 14	14° 9'15	3♊44	21° 3	27°20	23°39	13°49	0°19	17° 1	2°24	7°36	28°R59	28° 5	27°50	17°33	T 6
F 7	21 4 11	15° 6'43	15°36	20°19	28°26	24° 7	13°54	0°23	17° 2	2°23	7°38	28°58	28° 2	27°57	17°39	F 7
S 8	21 8 7	16° 4'11	27°36	19°33	29°33	24°35	13°59	0°26	17° 3	2°22	7°39	28°55	27°58	28° 4	17°44	S 8
S 9	21 12 4	17° 1'41	9♋50	18°46	0♎39	25° 4	14° 4	0°30	17° 3	2°21	7°41	28°49	27°55	28°10	17°50	S 9
M10	21 16 1	17°59'12	22°19	17°59	1°45	25°32	14° 9	0°33	17° 4	2°20	7°43	28°41	27°52	28°17	17°56	M10
T 11	21 19 57	18°56'44	5♌ 6	17°13	2°51	26° 2	14°13	0°37	17° 5	2°19	7°44	28°30	27°49	28°24	18° 1	T 11
W12	21 23 54	19°54'17	18°10	16°28	3°57	26°31	14°18	0°41	17° 5	2°18	7°46	28°18	27°46	28°30	18° 7	W12
T 13	21 27 50	20°51'51	1♍31	15°46	5° 2	27° 1	14°22	0°44	17° 6	2°16	7°48	28° 6	27°43	28°37	18°12	T 13
F 14	21 31 47	21°49'27	15° 7	15° 7	6° 8	27°32	14°26	0°48	17° 6	2°15	7°49	27°54	27°39	28°44	18°18	F 14
S 15	21 35 43	22°47'03	28°53	14°33	7°13	28° 2	14°30	0°52	17° 6	2°14	7°51	27°45	27°36	28°50	18°23	S 15
S 16	21 39 40	23°44'40	12♎49	14° 3	8°18	28°33	14°33	0°56	17° 7	2°13	7°53	27°38	27°33	28°57	18°29	S 16
M17	21 43 36	24°42'18	26°49	13°39	9°23	29° 4	14°37	1° 1	17° 7	2°12	7°54	27°33	27°30	29° 4	18°34	M17
T 18	21 47 33	25°39'57	10♏53	13°21	10°27	29°36	14°40	1° 5	17° 7	2°10	7°56	27°32	27°27	29°10	18°40	T 18
W19	21 51 30	26°37'37	25° 0	13° 9	11°32	0♐ 8	14°43	1° 9	17° 7	2° 9	7°58	27°31	27°23	29°17	18°45	W19
T 20	21 55 26	27°35'18	9♐ 7	13°D 5	12°36	0°40	14°46	1°14	17° 8	2° 8	7°59	27°31	27°20	29°23	18°50	T 20
F 21	21 59 23	28°33'00	23°15	13° 8	13°40	1°12	14°49	1°18	17° 8	2° 7	8° 1	27°30	27°17	29°30	18°56	F 21
S 22	22 3 19	29°30'44	7♑21	13°18	14°44	1°45	14°51	1°23	17°R 8	2° 5	8° 2	27°27	27°14	29°37	19° 1	S 22
S 23	22 7 16	0♒28'28	21°24	13°36	15°47	2°18	14°54	1°27	17° 8	2° 4	8° 4	27°20	27°11	29°43	19° 6	S 23
M24	22 11 12	1°26'13	5♒21	14° 1	16°51	2°51	14°56	1°32	17° 8	2° 3	8° 6	27°12	27° 8	29°50	19°11	M24
T 25	22 15 9	2°24'00	19° 8	14°34	17°54	3°24	14°58	1°37	17° 8	2° 1	8° 7	27° 1	27° 4	29°57	19°16	T 25
W26	22 19 5	3°21'48	2♓41	15°14	18°57	3°58	14°59	1°41	17° 7	2° 0	8° 9	26°48	27° 1	0♊ 3	19°21	W26
T 27	22 23 2	4°19'37	15°57	16° 2	19°59	4°32	15° 1	1°46	17° 7	1°58	8°10	26°36	26°58	0°10	19°26	T 27
F 28	22 26 59	5°17'28	28°55	16°57	21° 1	5° 6	15° 2	1°51	17° 7	1°57	8°12	26°25	26°55	0°17	19°31	F 28
S 29	22 30 55	6°15'20	11♈35	17°59	22° 3	5°40	15° 3	1°56	17° 7	1°56	8°14	26°16	26°52	0°23	19°36	S 29
S 30	22 34 52	7°13'14	23°56	19° 7	23° 5	6°15	15° 4	2° 1	17° 6	1°54	8°15	26°10	26°49	0°30	19°41	S 30
M31	22 38 48	8♍11'10	6♉ 3	20♌21	24♎ 7	6♐50	15♉ 5	2♏ 7	17♉ 6	1♈53	8♌17	26♉ 6	26♉45	0♊37	19♋46	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	17n53	2s25	4s10	9n22	4s25	3n54	0n41	20s12	2s11	14n39	1s14	9s13	2n25	16n30	0s24	0s13	1s19	22n33	4n19	19n56	19n46	19n26	16n12	6s10	S 1
S 2	17 38	3n 6	3 28	9 22	4 33	3 24	0 37	20 19	2 11	14 41	1 14	9 15	2 24	16 30	0 24	0 14	1 19	22 33	4 19	19 55	19 46	19 29	16 11	6 10	S 2
M 3	17 23	8 22	2 36	9 25	4 41	2 54	0 33	20 26	2 11	14 42	1 14	9 16	2 24	16 31	0 24	0 14	1 19	22 33	4 19	19 55	19 45	19 31	16 10	6 11	M 3
T 4	17 7	13 16	1 39	9 30	4 47	2 24	0 30	20 34	2 12	14 44	1 14	9 17	2 24	16 31	0 24	0 14	1 19	22 32	4 19	19 55	19 44	19 34	16 10	6 11	T 4
W 5	16 50	17 38	0 37	9 38	4 52	1 54	0 26	20 41	2 12	14 45	1 15	9 19	2 24	16 31	0 24	0 15	1 19	22 32	4 19	19 55	19 43	19 36	16 9	6 11	W 5
T 6	16 34	21 17	0n25	9 48	4 55	1 23	0 21	20 48	2 12	14 47	1 15	9 20	2 23	16 31	0 24	0 15	1 19	22 32	4 19	19 55	19 43	19 38	16 8	6 11	T 6
F 7	16 17	24 5	1 27	10 1	4 56	0 53	0 17	20 55	2 13	14 48	1 15	9 21	2 23	16 32	0 24	0 16	1 19	22 31	4 19	19 54	19 42	19 41	16 7	6 12	F 7
S 8	16 0	25 49	2 26	10 15	4 56	0 23	0 13	21 3	2 13	14 49	1 15	9 23	2 23	16 32	0 24	0 16	1 19	22 31	4 19	19 54	19 41	19 43	16 6	6 12	S 8
S 9	15 43	26 21	3 19	10 31	4 54	0s 7	0 9	21 10	2 13	14 51	1 15	9 24	2 23	16 32	0 24	0 16	1 19	22 30	4 19	19 53	19 41	19 45	16 5	6 12	S 9
M10	15 26	25 34	4 3	10 49	4 50	0 38	0 4	21 17	2 13	14 52	1 16	9 26	2 23	16 32	0 24	0 17	1 19	22 30	4 20	19 51	19 40	19 48	16 4	6 13	M10
T 11	15 8	23 26	4 36	11 9	4 44	1 8	0s 0	21 24	2 14	14 53	1 16	9 27	2 22	16 32	0 24	0 17	1 19	22 30	4 20	19 48	19 39	19 50	16 3	6 13	T 11
W12	14 50	20 3	4 56	11 29	4 37	1 38	0 5	21 32	2 14	14 54	1 16	9 29	2 22	16 32	0 24	0 18	1 19	22 29	4 20	19 46	19 39	19 52	16 2	6 13	W12
T 13	14 32	15 35	5 0	11 50	4 27	2 8	0 9	21 39	2 14	14 55	1 16	9 30	2 22	16 33	0 24	0 18	1 19	22 29	4 20	19 43	19 38	19 55	16 1	6 13	T 13
F 14	14 13	10 16	4 47	12 12	4 16	2 39	0 14	21 46	2 14	14 56	1 16	9 32	2 22	16 33	0 24	0 19	1 19	22 29	4 20	19 40	19 37	19 57	15 59	6 14	F 14
S 15	13 54	4 23	4 18	12 33	4 4	3 9	0 19	21 53	2 14	14 57	1 17	9 33	2 21	16 33	0 24	0 19	1 19	22 28	4 20	19 38	19 36	19 59	15 58	6 14	S 15
S 16	13 36	1s47	3 33	12 55	3 50	3 39	0 23	22 0	2 14	14 58	1 17	9 35	2 21	16 33	0 24	0 20	1 19	22 28	4 20	19 37	19 36	20 2	15 57	6 14	S 16
M17	13 16	7 55	2 35	13 16	3 36	4 9	0 28	22 7	2 15	14 59	1 17	9 37	2 21	16 33	0 24	0 20	1 19	22 28	4 20	19 36	19 35	20 4	15 56	6 15	M17
T 18	12 57	13 42	1 27	13 36	3 20	4 39	0 33	22 14	2 15	15 0	1 17	9 38	2 21	16 33	0 24	0 21	1 19	22 27	4 20	19 35	19 34	20 6	15 55	6 15	T 18
W19	12 38	18 47	0 13	13 55	3 3	5 9	0 38	22 21	2 15	15 0	1 17	9 40	2 20	16 33	0 24	0 21	1 19	22 27	4 20	19 35	19 33	20 9	15 54	6 16	W19
T 20	12 18	22 48	1s 1	14 13	2 46	5 39	0 44	22 28	2 15	15 1	1 18	9 42	2 20	16 33	0 24	0 22	1 19	22 27	4 20	19 35	19 33	20 11	15 53	6 16	T 20
F 21	11 58	25 26	2 12	14 29	2 29	6 8	0 49	22 35	2 15	15 2	1 18	9 43	2 20	16 33	0 24	0 23	1 19	22 26	4 21	19 35	19 32	20 13	15 52	6 16	F 21
S 22	11 38	26 26	3 14	14 43	2 11	6 38	0 54	22 42	2 15	15 2	1 18	9 45	2 20	16 33	0 24	0 23	1 19	22 26	4 21	19 34	19 31	20 15	15 51	6 17	S 22
S 23	11 18	25 44	4 4	14 55	1 53	7 7	0 59	22 48	2 15	15 3	1 18	9 47	2 20	16 33	0 24	0 24	1 19	22 26	4 21	19 33	19 31	20 18	15 50	6 17	S 23
M24	10 57	23 25	4 39	15 5	1 36	7 36	1 5	22 55	2 15	15 3	1 18	9 49	2 19	16 33	0 24	0 24	1 19	22 25	4 21	19 31	19 30	20 20	15 49	6 17	M24
T 25	10 37	19 47	4 58	15 12	1 18	8 6	1 10	23 1	2 15	15 3	1 19	9 51	2 19	16 33	0 24	0 25	1 19	22 25	4 21	19 28	19 29	20 22	15 48	6 18	T 25
W26	10 16	15 9	4 59	15 17	1 1	8 35	1 15	23 8	2 15	15 4	1 19	9 53	2 19	16 33	0 24	0 25	1 20	22 25	4 21	19 25	19 28	20 25	15 47	6 18	W26
T 27	9 55	9 53	4 44	15 19	0 44	9 3	1 21	23 14	2 15	15 4	1 19	9 54	2 19	16 33	0 24	0 26	1 20	22 24	4 21	19 23	19 28	20 27	15 46	6 19	T 27
F 28	9 34	4 19	4 14	15 18	0 28	9 32	1 26	23 21	2 15	15 4	1 19	9 56	2 19	16 33	0 24	0 27	1 20	22 24	4 21	19 20	19 27	20 29	15 45	6 19	F 28
S 29	9 12	1n19	3 33	15 14	0 13	10 0	1 32	23 27	2 15	15 4	1 19	9 58	2 18	16 33	0 24	0 27	1 20	22 24	4 22	19 18	19 26	20 31	15 43	6 20	S 29
S 30	8 51	6 46	2 42	15 6	0n 2	10 29	1 38	23 33	2 15	15 4	1 20	10 0	2 18	16 32	0 24	0 28	1 20	22 24	4 22	19 17	19 25	20 34	15 42	6 20	S 30
M31	8n30	11n53	1s44	14n56	0n16	10s57	1s43	23s39	2s15	15n 4	1s20	10s 2	2n18	16n32	0s24	0s28	1s20	22n23	4n22	19n16	19n25	20n36	15n41	6s20	M31

Julian Day Number = 2520788.5, Delta T = 153.16 sec
Ecliptic obliquity = 23°24'58, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°23'23, Lahiri = 26°30'23

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2189
geocentric

SEPTEMBER 2189 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 42 45	9♍ 9'08	17♉59	21♌42	25♎ 8	7♐25	15♉ 6	2♏12	17°R 5	1°R51	8♌18	26°R 5	26♉42	0♊43	19♋51	T 1
W 2	22 46 41	10° 7'07	29°48	23° 8	26° 8	8° 0	15° 6	2°17	17♉ 5	1♈50	8°20	26°D 5	26°39	0°50	19°55	W 2
T 3	22 50 38	11° 5'09	11♊37	24°38	27° 9	8°36	15°R 6	2°22	17° 4	1°48	8°21	26°R 5	26°36	0°56	20° 0	T 3
F 4	22 54 34	12° 3'12	23°29	26°14	28° 9	9°11	15° 6	2°28	17° 4	1°47	8°23	26♉ 4	26°33	1° 3	20° 4	F 4
S 5	22 58 31	13° 1'17	5♋32	27°53	29° 9	9°47	15° 6	2°33	17° 3	1°45	8°24	26° 2	26°29	1°10	20° 9	S 5
S 6	23 2 28	13°59'24	17°49	29°36	0♏ 9	10°23	15° 6	2°39	17° 2	1°43	8°25	25°58	26°26	1°16	20°14	S 6
M 7	23 6 24	14°57'33	0♌25	1♍21	1° 8	11° 0	15° 5	2°44	17° 2	1°42	8°27	25°51	26°23	1°23	20°18	M 7
T 8	23 10 21	15°55'44	13°22	3° 9	2° 7	11°36	15° 4	2°50	17° 1	1°40	8°28	25°41	26°20	1°30	20°22	T 8
W 9	23 14 17	16°53'56	26°42	5° 0	3° 5	12°13	15° 3	2°56	17° 0	1°39	8°30	25°31	26°17	1°36	20°27	W 9
T 10	23 18 14	17°52'11	10♍22	6°51	4° 3	12°50	15° 2	3° 1	16°59	1°37	8°31	25°20	26°14	1°43	20°31	T 10
F 11	23 22 10	18°50'27	24°21	8°44	5° 1	13°27	15° 0	3° 7	16°58	1°36	8°33	25° 9	26°10	1°50	20°35	F 11
S 12	23 26 7	19°48'45	8♎33	10°38	5°58	14° 5	14°59	3°13	16°57	1°34	8°34	25° 1	26° 7	1°56	20°39	S 12
S 13	23 30 3	20°47'05	22°54	12°33	6°55	14°42	14°57	3°19	16°56	1°32	8°35	24°54	26° 4	2° 3	20°43	S 13
M14	23 34 0	21°45'26	7♏17	14°27	7°51	15°20	14°55	3°25	16°55	1°31	8°37	24°51	26° 1	2°10	20°47	M14
T 15	23 37 57	22°43'49	21°39	16°22	8°47	15°58	14°53	3°31	16°54	1°29	8°38	24°D50	25°58	2°16	20°51	T 15
W16	23 41 53	23°42'13	5♐56	18°16	9°42	16°36	14°50	3°37	16°53	1°27	8°39	24°50	25°54	2°23	20°55	W16
T 17	23 45 50	24°40'39	20° 6	20°10	10°37	17°15	14°48	3°43	16°51	1°26	8°40	24°R51	25°51	2°29	20°59	T 17
F 18	23 49 46	25°39'07	4♑ 7	22° 4	11°31	17°53	14°45	3°49	16°50	1°24	8°42	24°50	25°48	2°36	21° 3	F 18
S 19	23 53 43	26°37'36	18° 0	23°57	12°25	18°32	14°42	3°56	16°49	1°22	8°43	24°48	25°45	2°43	21° 6	S 19
S 20	23 57 39	27°36'07	1♒43	25°49	13°18	19°11	14°39	4° 2	16°48	1°21	8°44	24°44	25°42	2°49	21°10	S 20
M21	0 1 36	28°34'39	15°16	27°41	14°11	19°50	14°35	4° 8	16°46	1°19	8°45	24°37	25°39	2°56	21°13	M21
T 22	0 5 32	29°33'13	28°38	29°31	15° 3	20°29	14°32	4°15	16°45	1°18	8°47	24°29	25°35	3° 3	21°17	T 22
W23	0 9 29	0♎31'49	11♓47	1♎21	15°54	21° 8	14°28	4°21	16°43	1°16	8°48	24°20	25°32	3° 9	21°20	W23
T 24	0 13 26	1°30'27	24°43	3°10	16°45	21°48	14°24	4°27	16°42	1°14	8°49	24°10	25°29	3°16	21°24	T 24
F 25	0 17 22	2°29'06	7♈24	4°57	17°35	22°27	14°20	4°34	16°40	1°13	8°50	24° 2	25°26	3°23	21°27	F 25
S 26	0 21 19	3°27'48	19°51	6°44	18°24	23° 7	14°15	4°40	16°39	1°11	8°51	23°55	25°23	3°29	21°30	S 26
S 27	0 25 15	4°26'31	2♉ 4	8°30	19°13	23°47	14°11	4°47	16°37	1° 9	8°52	23°50	25°20	3°36	21°33	S 27
M28	0 29 12	5°25'17	14° 6	10°15	20° 0	24°27	14° 6	4°54	16°35	1° 8	8°53	23°48	25°16	3°43	21°36	M28
T 29	0 33 8	6°24'04	25°59	11°59	20°47	25° 7	14° 1	5° 0	16°34	1° 6	8°54	23°D47	25°13	3°49	21°39	T 29
W30	0 37 5	7♎22'55	7♊47	13♎42	21♏34	25♐48	13♉56	5♏ 7	16♉32	1♈ 4	8♌55	23♉48	25♉10	3♊56	21♋42	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n 8	16n29	0s43	14n43	0n29	11s25	1s49	23s45	2s15	15n 4	1s20	10s 4	2n18	16n32	0s24	0s29	1s20	22n23	4n22	19n15	19n24	20n38	15n40	6s21
W 2	7 46	20 25	0n20	14 26	0 41	11 52	1 55	23 50	2 15	15 4	1 20	10 6	2 18	16 32	0 24	0 30	1 20	22 23	4 22	19 15	19 23	20 40	15 39	6 21
T 3	7 24	23 30	1 22	14 7	0 52	12 19	2 1	23 56	2 15	15 4	1 20	10 8	2 17	16 32	0 24	0 30	1 20	22 22	4 22	19 15	19 23	20 43	15 38	6 22
F 4	7 2	25 36	2 20	13 44	1 2	12 47	2 7	24 1	2 15	15 4	1 21	10 10	2 17	16 32	0 24	0 31	1 20	22 22	4 22	19 15	19 22	20 45	15 37	6 22
S 5	6 40	26 31	3 13	13 18	1 11	13 14	2 12	24 7	2 14	15 4	1 21	10 12	2 17	16 31	0 24	0 31	1 20	22 22	4 22	19 15	19 21	20 47	15 36	6 23
S 6	6 18	26 11	3 59	12 50	1 19	13 40	2 18	24 12	2 14	15 3	1 21	10 14	2 17	16 31	0 24	0 32	1 20	22 22	4 23	19 14	19 20	20 49	15 35	6 23
M 7	5 55	24 30	4 34	12 19	1 26	14 7	2 24	24 17	2 14	15 3	1 21	10 16	2 17	16 31	0 24	0 33	1 20	22 21	4 23	19 12	19 20	20 51	15 33	6 24
T 8	5 33	21 31	4 56	11 46	1 32	14 33	2 30	24 22	2 14	15 3	1 21	10 18	2 17	16 31	0 24	0 33	1 20	22 21	4 23	19 10	19 19	20 54	15 32	6 24
W 9	5 10	17 20	5 3	11 10	1 37	14 58	2 36	24 27	2 14	15 2	1 22	10 20	2 16	16 31	0 24	0 34	1 20	22 21	4 23	19 7	19 18	20 56	15 31	6 25
T 10	4 47	12 11	4 52	10 33	1 41	15 24	2 42	24 31	2 14	15 2	1 22	10 22	2 16	16 30	0 24	0 35	1 20	22 21	4 23	19 5	19 17	20 58	15 30	6 25
F 11	4 25	6 18	4 25	9 54	1 44	15 49	2 48	24 36	2 13	15 1	1 22	10 25	2 16	16 30	0 24	0 35	1 20	22 20	4 23	19 2	19 17	21 0	15 29	6 26
S 12	4 2	0s 1	3 40	9 13	1 46	16 14	2 54	24 40	2 13	15 0	1 22	10 27	2 16	16 30	0 24	0 36	1 20	22 20	4 23	19 0	19 16	21 3	15 28	6 26
S 13	3 39	6 23	2 42	8 30	1 48	16 39	3 0	24 44	2 13	15 0	1 22	10 29	2 16	16 29	0 24	0 37	1 20	22 20	4 24	18 59	19 15	21 5	15 27	6 27
M14	3 16	12 29	1 32	7 47	1 48	17 3	3 6	24 49	2 13	14 59	1 22	10 31	2 16	16 29	0 24	0 37	1 20	22 20	4 24	18 58	19 14	21 7	15 26	6 27
T 15	2 53	17 53	0 17	7 2	1 48	17 27	3 12	24 52	2 12	14 58	1 23	10 33	2 15	16 29	0 24	0 38	1 20	22 20	4 24	18 57	19 14	21 9	15 25	6 28
W16	2 30	22 15	0s59	6 17	1 47	17 50	3 18	24 56	2 12	14 57	1 23	10 35	2 15	16 28	0 24	0 39	1 20	22 19	4 24	18 57	19 13	21 11	15 24	6 28
T 17	2 7	25 13	2 11	5 31	1 46	18 14	3 24	25 0	2 12	14 56	1 23	10 38	2 15	16 28	0 24	0 39	1 20	22 19	4 24	18 58	19 12	21 13	15 22	6 29
F 18	1 44	26 35	3 14	4 44	1 44	18 36	3 30	25 3	2 12	14 55	1 23	10 40	2 15	16 28	0 24	0 40	1 20	22 19	4 24	18 58	19 11	21 16	15 21	6 29
S 19	1 20	26 15	4 5	3 57	1 41	18 59	3 36	25 6	2 11	14 54	1 23	10 42	2 15	16 27	0 24	0 41	1 20	22 19	4 24	18 57	19 11	21 18	15 20	6 30
S 20	0 57	24 20	4 42	3 10	1 38	19 21	3 42	25 9	2 11	14 53	1 23	10 44	2 15	16 27	0 24	0 41	1 20	22 19	4 25	18 56	19 10	21 20	15 19	6 30
M21	0 34	21 2	5 2	2 22	1 34	19 43	3 48	25 12	2 11	14 52	1 24	10 46	2 15	16 27	0 24	0 42	1 20	22 18	4 25	18 54	19 9	21 22	15 18	6 31
T 22	0 11	16 42	5 5	1 35	1 30	20 4	3 54	25 15	2 10	14 51	1 24	10 49	2 14	16 26	0 24	0 43	1 20	22 18	4 25	18 52	19 8	21 24	15 17	6 32
W23	0s13	11 37	4 52	0 47	1 26	20 25	4 0	25 17	2 10	14 50	1 24	10 51	2 14	16 26	0 24	0 43	1 20	22 18	4 25	18 50	19 8	21 26	15 16	6 32
T 24	0 36	6 8	4 24	0s 1	1 21	20 45	4 6	25 19	2 10	14 48	1 24	10 53	2 14	16 25	0 24	0 44	1 20	22 18	4 25	18 48	19 7	21 28	15 15	6 33
F 25	0 59	0 29	3 43	0 48	1 16	21 5	4 12	25 21	2 9	14 47	1 24	10 55	2 14	16 25	0 24	0 45	1 20	22 18	4 25	18 46	19 6	21 31	15 14	6 33
S 26	1 23	5n 5	2 52	1 35	1 11	21 25	4 18	25 23	2 9	14 45	1 24	10 58	2 14	16 24	0 24	0 45	1 20	22 18	4 26	18 44	19 5	21 33	15 13	6 34
S 27	1 46	10 23	1 55	2 22	1 5	21 44	4 23	25 25	2 9	14 44	1 25	11 0	2 14	16 24	0 24	0 46	1 20	22 18	4 26	18 43	19 5	21 35	15 12	6 35
M28	2 9	15 13	0 52	3 8	1 0	22 2	4 29	25 26	2 8	14 42	1 25	11 2	2 14	16 23	0 24	0 47	1 20	22 17	4 26	18 42	19 4	21 37	15 11	6 35
T 29	2 32	19 26	0n12	3 55	0 54	22 21	4 35	25 27	2 8	14 41	1 25	11 5	2 14	16 23	0 24	0 47	1 20	22 17	4 26	18 42	19 3	21 39	15 10	6 36
W30	2s56	22n49	1n15	4s40	0n47	22s38	4s40	25s28	2s 8	14n39	1s25	11s 7	2n13	16n22	0s24	0s48	1s20	22n17	4n26	18n42	19n 2	21n41	15n 9	6s36

Julian Day Number = 2520819.5, Delta T = 153.23 sec
Ecliptic obliquity = 23°24'58, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°23'27, Lahiri = 26°30'27

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2189
geocentric

OCTOBER 2189 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 41 1	8♎21'47	19♊35	15♎24	22♏19	26♐28	13°R51	5♏13	16°R30	1°R 3	8♌56	23♉49	25♉ 7	4♊ 3	21♋45	T 1
F 2	0 44 58	9°20'41	1♋27	17° 6	23° 3	27° 9	13♉46	5°20	16♉28	1♈ 1	8°57	23°51	25° 4	4° 9	21°47	F 2
S 3	0 48 55	10°19'38	13°28	18°46	23°47	27°49	13°40	5°27	16°27	0°59	8°58	23°R51	25° 0	4°16	21°50	S 3
S 4	0 52 51	11°18'37	25°45	20°25	24°29	28°30	13°35	5°34	16°25	0°58	8°59	23°50	24°57	4°22	21°53	S 4
M 5	0 56 48	12°17'39	8♌21	22° 4	25°11	29°11	13°29	5°41	16°23	0°56	9° 0	23°47	24°54	4°29	21°55	M 5
T 6	1 0 44	13°16'42	21°20	23°42	25°51	29°53	13°23	5°47	16°21	0°54	9° 1	23°42	24°51	4°36	21°57	T 6
W 7	1 4 41	14°15'48	4♍44	25°19	26°31	0♑34	13°17	5°54	16°19	0°53	9° 2	23°36	24°48	4°42	22° 0	W 7
T 8	1 8 37	15°14'56	18°34	26°55	27° 9	1°15	13°10	6° 1	16°17	0°51	9° 3	23°30	24°45	4°49	22° 2	T 8
F 9	1 12 34	16°14'06	2♎47	28°30	27°46	1°57	13° 4	6° 8	16°15	0°50	9° 3	23°24	24°41	4°56	22° 4	F 9
S 10	1 16 30	17°13'18	17°20	0♏ 5	28°22	2°39	12°57	6°15	16°13	0°48	9° 4	23°19	24°38	5° 2	22° 6	S 10
S 11	1 20 27	18°12'33	2♏ 4	1°38	28°56	3°20	12°51	6°22	16°11	0°46	9° 5	23°16	24°35	5° 9	22° 8	S 11
M12	1 24 23	19°11'49	16°52	3°11	29°29	4° 2	12°44	6°29	16° 9	0°45	9° 6	23°D14	24°32	5°16	22°10	M12
T 13	1 28 20	20°11'07	1♐39	4°44	0♐ 1	4°44	12°37	6°36	16° 7	0°43	9° 7	23°15	24°29	5°22	22°12	T 13
W14	1 32 17	21°10'27	16°16	6°15	0°32	5°27	12°30	6°43	16° 4	0°42	9° 7	23°16	24°26	5°29	22°14	W14
T 15	1 36 13	22° 9'49	0♑40	7°46	1° 1	6° 9	12°23	6°50	16° 2	0°40	9° 8	23°17	24°22	5°36	22°15	T 15
F 16	1 40 10	23° 9'13	14°48	9°16	1°28	6°51	12°16	6°57	16° 0	0°39	9° 9	23°18	24°19	5°42	22°17	F 16
S 17	1 44 6	24° 8'38	28°39	10°45	1°54	7°34	12° 8	7° 4	15°58	0°37	9° 9	23°R18	24°16	5°49	22°18	S 17
S 18	1 48 3	25° 8'05	12♒12	12°14	2°18	8°16	12° 1	7°12	15°55	0°36	9°10	23°17	24°13	5°56	22°20	S 18
M19	1 51 59	26° 7'34	25°30	13°42	2°40	8°59	11°53	7°19	15°53	0°34	9°10	23°15	24°10	6° 2	22°21	M19
T 20	1 55 56	27° 7'04	8♓32	15° 9	3° 0	9°42	11°46	7°26	15°51	0°33	9°11	23°11	24° 6	6° 9	22°22	T 20
W21	1 59 52	28° 6'36	21°20	16°35	3°19	10°25	11°38	7°33	15°49	0°31	9°11	23° 7	24° 3	6°15	22°23	W21
T 22	2 3 49	29° 6'10	3♈55	18° 1	3°36	11° 8	11°30	7°40	15°46	0°30	9°12	23° 3	24° 0	6°22	22°24	T 22
F 23	2 7 46	0♏ 5'46	16°18	19°26	3°50	11°51	11°22	7°47	15°44	0°29	9°12	23° 0	23°57	6°29	22°25	F 23
S 24	2 11 42	1° 5'24	28°30	20°50	4° 3	12°34	11°15	7°55	15°42	0°27	9°13	22°57	23°54	6°35	22°26	S 24
S 25	2 15 39	2° 5'04	10♉33	22°13	4°13	13°17	11° 7	8° 2	15°39	0°26	9°13	22°55	23°51	6°42	22°27	S 25
M26	2 19 35	3° 4'46	22°28	23°35	4°21	14° 0	10°59	8° 9	15°37	0°25	9°14	22°D55	23°47	6°49	22°28	M26
T 27	2 23 32	4° 4'30	4♊18	24°56	4°27	14°44	10°51	8°16	15°34	0°23	9°14	22°55	23°44	6°55	22°28	T 27
W28	2 27 28	5° 4'16	16° 5	26°16	4°31	15°27	10°43	8°23	15°32	0°22	9°14	22°56	23°41	7° 2	22°29	W28
T 29	2 31 25	6° 4'04	27°53	27°35	4°R33	16°11	10°34	8°31	15°30	0°21	9°15	22°58	23°38	7° 9	22°29	T 29
F 30	2 35 21	7° 3'54	9♋45	28°53	4°32	16°55	10°26	8°38	15°27	0°19	9°15	22°59	23°35	7°15	22°29	F 30
S 31	2 39 18	8♏ 3'47	21♋46	0♐10	4♐28	17♑38	10♉18	8♏45	15♉25	0♈18	9♌15	23♉ 0	23♉31	7♊22	22♋30	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3s19	25n15	2n15	5s26	0n41	22s56	4s46	25s29	2s 7	14n38	1s25	11s 9	2n13	16n22	0s24	0s49	1s20	22n17	4n26	18n43	19n 2	21n43	15n 8	6s37
F 2	3 42	26 34	3 10	6 11	0 34	23 12	4 51	25 30	2 7	14 36	1 25	11 12	2 13	16 21	0 24	0 49	1 20	22 17	4 27	18 43	19 1	21 45	15 7	6 38
S 3	4 5	26 40	3 57	6 55	0 28	23 29	4 56	25 30	2 6	14 34	1 25	11 14	2 13	16 21	0 24	0 50	1 20	22 17	4 27	18 43	19 0	21 48	15 6	6 38
S 4	4 28	25 28	4 34	7 39	0 21	23 44	5 1	25 30	2 6	14 32	1 25	11 16	2 13	16 20	0 24	0 51	1 20	22 17	4 27	18 43	18 59	21 50	15 5	6 39
M 5	4 51	22 58	4 59	8 22	0 14	24 0	5 7	25 30	2 5	14 31	1 25	11 19	2 13	16 20	0 24	0 51	1 20	22 17	4 27	18 42	18 58	21 52	15 4	6 39
T 6	5 14	19 16	5 10	9 5	0 7	24 15	5 12	25 30	2 5	14 29	1 26	11 21	2 13	16 19	0 24	0 52	1 20	22 17	4 27	18 41	18 58	21 54	15 3	6 40
W 7	5 37	14 29	5 5	9 47	0 0	24 29	5 16	25 29	2 4	14 27	1 26	11 23	2 13	16 19	0 24	0 52	1 20	22 17	4 27	18 39	18 57	21 56	15 2	6 41
T 8	6 0	8 50	4 42	10 28	0s 7	24 42	5 21	25 29	2 4	14 25	1 26	11 26	2 13	16 18	0 24	0 53	1 20	22 17	4 28	18 38	18 56	21 58	15 1	6 41
F 9	6 23	2 34	4 1	11 9	0 14	24 56	5 26	25 28	2 4	14 23	1 26	11 28	2 13	16 18	0 24	0 54	1 20	22 17	4 28	18 36	18 55	22 0	15 0	6 42
S 10	6 45	3s58	3 3	11 49	0 21	25 8	5 30	25 26	2 3	14 21	1 26	11 30	2 13	16 17	0 24	0 54	1 20	22 16	4 28	18 35	18 55	22 2	14 59	6 43
S 11	7 8	10 24	1 53	12 28	0 28	25 20	5 35	25 25	2 3	14 19	1 26	11 33	2 12	16 16	0 24	0 55	1 20	22 16	4 28	18 34	18 54	22 4	14 58	6 43
M12	7 31	16 18	0 35	13 7	0 35	25 32	5 39	25 23	2 2	14 17	1 26	11 35	2 12	16 16	0 24	0 56	1 20	22 16	4 28	18 34	18 53	22 6	14 57	6 44
T 13	7 53	21 13	0s46	13 45	0 42	25 43	5 43	25 21	2 1	14 15	1 26	11 37	2 12	16 15	0 24	0 56	1 20	22 16	4 28	18 34	18 52	22 8	14 56	6 45
W14	8 15	24 45	2 3	14 22	0 49	25 53	5 46	25 19	2 1	14 12	1 26	11 40	2 12	16 15	0 24	0 57	1 20	22 16	4 29	18 34	18 52	22 10	14 55	6 45
T 15	8 37	26 36	3 11	14 58	0 56	26 3	5 50	25 17	2 0	14 10	1 26	11 42	2 12	16 14	0 24	0 57	1 20	22 16	4 29	18 35	18 51	22 12	14 54	6 46
F 16	8 59	26 40	4 6	15 34	1 3	26 12	5 53	25 14	2 0	14 8	1 26	11 44	2 12	16 13	0 24	0 58	1 20	22 16	4 29	18 35	18 50	22 14	14 53	6 47
S 17	9 21	25 4	4 45	16 8	1 10	26 20	5 56	25 11	1 59	14 6	1 26	11 47	2 12	16 13	0 24	0 59	1 20	22 16	4 29	18 35	18 49	22 16	14 52	6 47
S 18	9 43	22 3	5 8	16 42	1 16	26 28	5 59	25 8	1 59	14 3	1 26	11 49	2 12	16 12	0 24	0 59	1 20	22 16	4 29	18 35	18 48	22 18	14 51	6 48
M19	10 5	17 55	5 14	17 15	1 23	26 35	6 2	25 5	1 58	14 1	1 26	11 52	2 12	16 11	0 24	1 0	1 20	22 16	4 30	18 34	18 48	22 20	14 51	6 48
T 20	10 26	13 2	5 3	17 47	1 29	26 41	6 4	25 1	1 58	13 59	1 26	11 54	2 12	16 11	0 24	1 0	1 20	22 16	4 30	18 33	18 47	22 22	14 50	6 49
W21	10 48	7 40	4 37	18 19	1 36	26 47	6 6	24 57	1 57	13 56	1 26	11 56	2 12	16 10	0 24	1 1	1 20	22 16	4 30	18 32	18 46	22 24	14 49	6 50
T 22	11 9	2 5	3 58	18 49	1 42	26 52	6 8	24 53	1 56	13 54	1 26	11 59	2 12	16 9	0 24	1 1	1 20	22 17	4 30	18 31	18 45	22 26	14 48	6 50
F 23	11 30	3n30	3 8	19 18	1 48	26 56	6 9	24 49	1 56	13 52	1 26	12 1	2 12	16 9	0 24	1 2	1 20	22 17	4 30	18 30	18 44	22 28	14 47	6 51
S 24	11 51	8 54	2 11	19 47	1 54	26 59	6 10	24 44	1 55	13 49	1 26	12 3	2 12	16 8	0 24	1 2	1 20	22 17	4 31	18 30	18 44	22 30	14 47	6 52
S 25	12 11	13 54	1 8	20 14	2 0	27 2	6 10	24 39	1 55	13 47	1 26	12 6	2 12	16 7	0 24	1 3	1 20	22 17	4 31	18 29	18 43	22 32	14 46	6 52
M26	12 32	18 20	0 2	20 40	2 5	27 4	6 11	24 34	1 54	13 44	1 26	12 8	2 12	16 7	0 24	1 4	1 20	22 17	4 31	18 29	18 42	22 34	14 45	6 53
T 27	12 52	22 1	1n 3	21 6	2 11	27 4	6 10	24 29	1 53	13 42	1 26	12 10	2 12	16 6	0 24	1 4	1 20	22 17	4 31	18 29	18 41	22 36	14 44	6 54
W28	13 12	24 46	2 5	21 30	2 16	27 4	6 9	24 23	1 53	13 39	1 26	12 13	2 12	16 5	0 24	1 5	1 20	22 17	4 31	18 29	18 41	22 38	14 43	6 54
T 29	13 32	26 26	3 2	21 53	2 21	27 3	6 8	24 17	1 52	13 37	1 26	12 15	2 12	16 5	0 24	1 5	1 20	22 17	4 31	18 30	18 40	22 40	14 43	6 55
F 30	13 52	26 54	3 51	22 15	2 25	27 1	6 6	24 11	1 51	13 34	1 26	12 17	2 12	16 4	0 24	1 5	1 20	22 17	4 32	18 30	18 39	22 42	14 42	6 56
S 31	14s11	26n 7	4n31	22s36	2s29	26s59	6s 4	24s 5	1s51	13n32	1s26	12s20	2n12	16n 3	0s24	1s 6	1s20	22n17	4n32	18n30	18n38	22n44	14n41	6s57

Julian Day Number = 2520849.5, Delta T = 153.31 sec
Ecliptic obliquity = 23°24'58, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°23'31, Lahiri = 26°30'31

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2189
geocentric

NOVEMBER 2189 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 43 15	9♏ 3'42	4♌ 0	1♐25	4°R23	18♑22	10°R10	8♏52	15°R22	0°R17	9♌16	23°R 1	23♉28	7♊29	22♋30	S 1
M 2	2 47 11	10° 3'39	16°32	2°39	4♐14	19° 6	10♉ 2	9° 0	15♉20	0♈16	9°16	23♉ 1	23°25	7°35	22°R30	M 2
T 3	2 51 8	11° 3'38	29°26	3°51	4° 4	19°50	9°54	9° 7	15°17	0°15	9°16	23° 0	23°22	7°42	22°30	T 3
W 4	2 55 4	12° 3'39	12♍45	5° 1	3°51	20°34	9°46	9°14	15°15	0°13	9°16	22°59	23°19	7°49	22°29	W 4
T 5	2 59 1	13° 3'42	26°32	6° 9	3°35	21°19	9°37	9°21	15°12	0°12	9°16	22°58	23°16	7°55	22°29	T 5
F 6	3 2 57	14° 3'47	10♎45	7°15	3°18	22° 3	9°29	9°29	15°10	0°11	9°16	22°57	23°12	8° 2	22°29	F 6
S 7	3 6 54	15° 3'55	25°23	8°18	2°58	22°47	9°21	9°36	15° 7	0°10	9°16	22°56	23° 9	8° 8	22°28	S 7
S 8	3 10 50	16° 4'04	10♏19	9°18	2°36	23°31	9°13	9°43	15° 5	0° 9	9°16	22°55	23° 6	8°15	22°28	S 8
M 9	3 14 47	17° 4'15	25°25	10°15	2°11	24°16	9° 5	9°50	15° 2	0° 8	9°R17	22°D55	23° 3	8°22	22°27	M 9
T 10	3 18 44	18° 4'28	10♐33	11° 9	1°45	25° 0	8°57	9°57	15° 0	0° 7	9°17	22°55	23° 0	8°28	22°27	T 10
W11	3 22 40	19° 4'43	25°33	11°59	1°17	25°45	8°49	10° 5	14°57	0° 6	9°16	22°56	22°57	8°35	22°26	W11
T 12	3 26 37	20° 4'59	10♑17	12°44	0°47	26°30	8°41	10°12	14°55	0° 5	9°16	22°56	22°53	8°42	22°25	T 12
F 13	3 30 33	21° 5'17	24°41	13°24	0°15	27°14	8°34	10°19	14°53	0° 4	9°16	22°56	22°50	8°48	22°24	F 13
S 14	3 34 30	22° 5'36	8♒41	13°59	29♏42	27°59	8°26	10°26	14°50	0° 3	9°16	22°56	22°47	8°55	22°23	S 14
S 15	3 38 26	23° 5'56	22°17	14°27	29° 8	28°44	8°18	10°33	14°48	0° 3	9°16	22°56	22°44	9° 2	22°22	S 15
M16	3 42 23	24° 6'18	5♓30	14°48	28°33	29°29	8°11	10°40	14°45	0° 2	9°16	22°57	22°41	9° 8	22°20	M16
T 17	3 46 19	25° 6'41	18°22	15° 2	27°57	0♒14	8° 3	10°47	14°43	0° 1	9°16	22°57	22°37	9°15	22°19	T 17
W18	3 50 16	26° 7'06	0♈57	15°R 7	27°21	0°59	7°56	10°55	14°40	0° 0	9°16	22°57	22°34	9°22	22°18	W18
T 19	3 54 13	27° 7'32	13°17	15° 3	26°45	1°44	7°49	11° 2	14°38	29♓59	9°15	22°57	22°31	9°28	22°16	T 19
F 20	3 58 9	28° 7'59	25°25	14°50	26° 8	2°29	7°41	11° 9	14°36	29°59	9°15	22°58	22°28	9°35	22°15	F 20
S 21	4 2 6	29° 8'27	7♉25	14°26	25°32	3°14	7°34	11°16	14°33	29°58	9°15	22°58	22°25	9°42	22°13	S 21
S 22	4 6 2	0♐ 8'58	19°19	13°52	24°56	3°59	7°27	11°23	14°31	29°57	9°14	22°R59	22°22	9°48	22°11	S 22
M23	4 9 59	1° 9'29	1♊ 9	13° 7	24°21	4°45	7°21	11°30	14°28	29°57	9°14	22°59	22°18	9°55	22° 9	M23
T 24	4 13 55	2°10'02	12°57	12°12	23°47	5°30	7°14	11°37	14°26	29°56	9°14	22°58	22°15	10° 2	22° 7	T 24
W25	4 17 52	3°10'37	24°45	11° 8	23°14	6°15	7° 7	11°43	14°24	29°56	9°13	22°57	22°12	10° 8	22° 5	W25
T 26	4 21 48	4°11'13	6♋37	9°56	22°43	7° 1	7° 1	11°50	14°22	29°55	9°13	22°55	22° 9	10°15	22° 3	T 26
F 27	4 25 45	5°11'51	18°33	8°39	22°14	7°46	6°55	11°57	14°19	29°55	9°12	22°54	22° 6	10°22	22° 1	F 27
S 28	4 29 42	6°12'30	0♌37	7°17	21°46	8°31	6°49	12° 4	14°17	29°54	9°12	22°52	22° 3	10°28	21°59	S 28
S 29	4 33 38	7°13'11	12°52	5°55	21°20	9°17	6°43	12°11	14°15	29°54	9°11	22°50	21°59	10°35	21°57	S 29
M30	4 37 35	8♐13'54	25♌23	4♐35	20♏56	10♒ 2	6♉37	12♏18	14♉13	29♓54	9♌11	22♉49	21♉56	10♊41	21♋54	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s30	24n 5	5n 0	22s55	2s33	26s55	6s 1	23s58	1s50	13n30	1s26	12s22	2n11	16n 2	0s24	1s 6	1s20	22n17	4n32	18n31	18n37	22n46	14n41	6s57
M 2	14 49	20 52	5 15	23 14	2 37	26 50	5 58	23 52	1 49	13 27	1 26	12 24	2 11	16 2	0 24	1 7	1 20	22 18	4 32	18 31	18 37	22 48	14 40	6 58
T 3	15 8	16 34	5 15	23 31	2 40	26 44	5 54	23 45	1 49	13 25	1 26	12 27	2 11	16 1	0 24	1 7	1 20	22 18	4 32	18 30	18 36	22 50	14 39	6 58
W 4	15 26	11 22	4 59	23 47	2 43	26 36	5 49	23 37	1 48	13 22	1 26	12 29	2 11	16 0	0 24	1 8	1 20	22 18	4 33	18 30	18 35	22 52	14 39	6 59
T 5	15 45	5 25	4 25	24 1	2 45	26 28	5 44	23 30	1 47	13 20	1 26	12 31	2 11	16 0	0 24	1 8	1 20	22 18	4 33	18 30	18 34	22 54	14 38	7 0
F 6	16 3	0s59	3 33	24 14	2 46	26 19	5 38	23 22	1 47	13 17	1 26	12 33	2 11	15 59	0 24	1 9	1 20	22 18	4 33	18 29	18 33	22 56	14 38	7 0
S 7	16 20	7 31	2 27	24 26	2 48	26 8	5 31	23 14	1 46	13 15	1 25	12 36	2 11	15 58	0 24	1 9	1 20	22 18	4 33	18 29	18 33	22 58	14 37	7 1
S 8	16 38	13 48	1 10	24 36	2 48	25 56	5 23	23 6	1 45	13 12	1 25	12 38	2 11	15 57	0 24	1 9	1 20	22 18	4 33	18 29	18 32	23 0	14 36	7 2
M 9	16 55	19 19	0s14	24 44	2 48	25 44	5 15	22 57	1 44	13 10	1 25	12 40	2 11	15 57	0 24	1 10	1 20	22 19	4 34	18 29	18 31	23 1	14 36	7 2
T 10	17 12	23 36	1 36	24 51	2 47	25 30	5 7	22 49	1 44	13 7	1 25	12 42	2 11	15 56	0 24	1 10	1 20	22 19	4 34	18 29	18 30	23 3	14 35	7 3
W11	17 28	26 12	2 52	24 56	2 46	25 14	4 57	22 40	1 43	13 5	1 25	12 45	2 12	15 55	0 24	1 10	1 19	22 19	4 34	18 29	18 29	23 5	14 35	7 4
T 12	17 45	26 54	3 54	25 0	2 43	24 58	4 47	22 30	1 42	13 3	1 25	12 47	2 12	15 55	0 24	1 11	1 19	22 19	4 34	18 29	18 29	23 7	14 34	7 4
F 13	18 1	25 46	4 40	25 2	2 40	24 41	4 36	22 21	1 41	13 0	1 25	12 49	2 12	15 54	0 24	1 11	1 19	22 19	4 34	18 29	18 28	23 9	14 34	7 5
S 14	18 16	23 1	5 8	25 1	2 35	24 22	4 25	22 11	1 41	12 58	1 24	12 51	2 12	15 53	0 24	1 11	1 19	22 20	4 35	18 29	18 27	23 11	14 33	7 6
S 15	18 32	19 4	5 18	24 59	2 30	24 3	4 12	22 1	1 40	12 56	1 24	12 53	2 12	15 52	0 24	1 12	1 19	22 20	4 35	18 29	18 26	23 13	14 33	7 6
M16	18 47	14 17	5 10	24 55	2 23	23 43	4 0	21 51	1 39	12 53	1 24	12 56	2 12	15 52	0 24	1 12	1 19	22 20	4 35	18 29	18 25	23 15	14 32	7 7
T 17	19 1	9 0	4 47	24 48	2 15	23 22	3 47	21 41	1 38	12 51	1 24	12 58	2 12	15 51	0 24	1 12	1 19	22 20	4 35	18 29	18 25	23 16	14 32	7 8
W18	19 16	3 28	4 11	24 40	2 5	23 0	3 33	21 30	1 38	12 49	1 24	13 0	2 12	15 50	0 24	1 13	1 19	22 21	4 35	18 30	18 24	23 18	14 32	7 8
T 19	19 30	2n 7	3 23	24 28	1 54	22 38	3 19	21 20	1 37	12 47	1 24	13 2	2 12	15 50	0 24	1 13	1 19	22 21	4 36	18 30	18 23	23 20	14 31	7 9
F 20	19 44	7 32	2 27	24 14	1 42	22 15	3 4	21 9	1 36	12 45	1 23	13 4	2 12	15 49	0 24	1 13	1 19	22 21	4 36	18 30	18 22	23 22	14 31	7 9
S 21	19 57	12 38	1 25	23 57	1 27	21 52	2 49	20 57	1 35	12 43	1 23	13 6	2 12	15 48	0 24	1 13	1 19	22 21	4 36	18 30	18 21	23 24	14 31	7 10
S 22	20 10	17 13	0 20	23 38	1 12	21 28	2 34	20 46	1 34	12 41	1 23	13 8	2 12	15 48	0 24	1 14	1 19	22 22	4 36	18 30	18 21	23 26	14 30	7 11
M23	20 22	21 6	0n45	23 15	0 55	21 5	2 19	20 34	1 34	12 39	1 23	13 10	2 12	15 47	0 24	1 14	1 19	22 22	4 36	18 30	18 20	23 28	14 30	7 11
T 24	20 34	24 8	1 49	22 50	0 36	20 41	2 3	20 23	1 33	12 37	1 23	13 12	2 12	15 46	0 24	1 14	1 19	22 22	4 36	18 30	18 19	23 29	14 30	7 12
W25	20 46	26 6	2 47	22 22	0 17	20 18	1 48	20 11	1 32	12 35	1 22	13 14	2 12	15 46	0 24	1 14	1 19	22 22	4 37	18 29	18 18	23 31	14 29	7 12
T 26	20 58	26 54	3 39	21 52	0n 3	19 55	1 32	19 58	1 31	12 33	1 22	13 17	2 12	15 45	0 24	1 14	1 19	22 23	4 37	18 29	18 17	23 33	14 29	7 13
F 27	21 9	26 27	4 22	21 20	0 24	19 32	1 17	19 46	1 30	12 31	1 22	13 19	2 12	15 44	0 24	1 15	1 19	22 23	4 37	18 29	18 16	23 35	14 29	7 13
S 28	21 19	24 46	4 53	20 47	0 44	19 10	1 1	19 33	1 30	12 29	1 22	13 21	2 12	15 44	0 24	1 15	1 19	22 23	4 37	18 28	18 16	23 37	14 29	7 14
S 29	21 30	21 55	5 12	20 13	1 4	18 49	0 46	19 20	1 29	12 28	1 21	13 23	2 12	15 43	0 24	1 15	1 19	22 24	4 37	18 28	18 15	23 38	14 29	7 15
M30	21s39	18n 0	5n16	19s41	1n23	18s28	0s31	19s 7	1s28	12n26	1s21	13s25	2n12	15n42	0s24	1s15	1s19	22n24	4n38	18n27	18n14	23n40	14n28	7s15

Julian Day Number = 2520880.5, Delta T = 153.39 sec
Ecliptic obliquity = 23°24'58, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°23'35, Lahiri = 26°30'36

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2189
geocentric

DECEMBER 2189 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 41 31	9♐14'38	8♍11	3°R19	20°R35	10♒48	6°R31	12♏24	14°R10	29°R53	9°R10	22°D48	21♉53	10♊48	21°R52	T 1
W 2	4 45 28	10°15'23	21°21	2♐10	20♏15	11°33	6♉25	12°31	14♉ 8	29♓53	9♌10	22♉49	21°50	10°55	21♋49	W 2
T 3	4 49 24	11°16'10	4♎56	1°10	19°59	12°19	6°20	12°38	14° 6	29°53	9° 9	22°50	21°47	11° 1	21°46	T 3
F 4	4 53 21	12°16'59	18°58	0°20	19°44	13° 5	6°15	12°44	14° 4	29°52	9° 9	22°51	21°43	11° 8	21°44	F 4
S 5	4 57 18	13°17'49	3♏25	29♏42	19°32	13°50	6°10	12°51	14° 2	29°52	9° 8	22°52	21°40	11°15	21°41	S 5
S 6	5 1 14	14°18'40	18°14	29°14	19°23	14°36	6° 5	12°57	14° 0	29°52	9° 7	22°R53	21°37	11°21	21°38	S 6
M 7	5 5 11	15°19'33	3♐21	28°59	19°16	15°22	6° 0	13° 4	13°58	29°52	9° 7	22°53	21°34	11°28	21°35	M 7
T 8	5 9 7	16°20'27	18°35	28°D54	19°11	16° 8	5°56	13°10	13°56	29°52	9° 6	22°51	21°31	11°35	21°32	T 8
W 9	5 13 4	17°21'22	3♑48	29° 0	19°D 9	16°54	5°51	13°17	13°54	29°52	9° 5	22°49	21°28	11°41	21°29	W 9
T 10	5 17 0	18°22'18	18°49	29°15	19°10	17°39	5°47	13°23	13°52	29°52	9° 4	22°45	21°24	11°48	21°26	T 10
F 11	5 20 57	19°23'15	3♒30	29°40	19°12	18°25	5°43	13°30	13°50	29°D52	9° 4	22°41	21°21	11°55	21°23	F 11
S 12	5 24 53	20°24'12	17°45	0♐12	19°18	19°11	5°40	13°36	13°48	29°52	9° 3	22°38	21°18	12° 1	21°20	S 12
S 13	5 28 50	21°25'10	1♓31	0°52	19°25	19°57	5°36	13°42	13°46	29°52	9° 2	22°35	21°15	12° 8	21°16	S 13
M14	5 32 47	22°26'09	14°49	1°37	19°35	20°43	5°33	13°48	13°45	29°52	9° 1	22°33	21°12	12°15	21°13	M14
T 15	5 36 43	23°27'08	27°41	2°29	19°47	21°29	5°30	13°55	13°43	29°52	9° 0	22°D33	21° 9	12°21	21°10	T 15
W16	5 40 40	24°28'07	10♈12	3°25	20° 1	22°15	5°27	14° 1	13°41	29°52	8°59	22°34	21° 5	12°28	21° 6	W16
T 17	5 44 36	25°29'07	22°25	4°25	20°17	23° 1	5°24	14° 7	13°39	29°52	8°58	22°36	21° 2	12°35	21° 3	T 17
F 18	5 48 33	26°30'08	4♉26	5°30	20°35	23°47	5°21	14°13	13°38	29°52	8°57	22°38	20°59	12°41	20°59	F 18
S 19	5 52 29	27°31'09	16°18	6°37	20°55	24°33	5°19	14°19	13°36	29°53	8°57	22°39	20°56	12°48	20°55	S 19
S 20	5 56 26	28°32'11	28° 6	7°48	21°18	25°19	5°17	14°24	13°35	29°53	8°56	22°R39	20°53	12°55	20°52	S 20
M21	6 0 22	29°33'13	9♊54	9° 1	21°42	26° 5	5°15	14°30	13°33	29°53	8°55	22°37	20°49	13° 1	20°48	M21
T 22	6 4 19	0♑34'16	21°43	10°16	22° 7	26°51	5°13	14°36	13°32	29°54	8°54	22°34	20°46	13° 8	20°44	T 22
W23	6 8 16	1°35'20	3♋36	11°33	22°35	27°37	5°12	14°42	13°30	29°54	8°53	22°28	20°43	13°15	20°40	W23
T 24	6 12 12	2°36'24	15°34	12°52	23° 4	28°23	5°10	14°47	13°29	29°55	8°52	22°21	20°40	13°21	20°37	T 24
F 25	6 16 9	3°37'28	27°40	14°12	23°35	29° 9	5° 9	14°53	13°28	29°55	8°50	22°13	20°37	13°28	20°33	F 25
S 26	6 20 5	4°38'33	9♌55	15°34	24° 7	29°55	5° 8	14°59	13°26	29°56	8°49	22° 5	20°34	13°35	20°29	S 26
S 27	6 24 2	5°39'39	22°19	16°56	24°41	0♓41	5° 8	15° 4	13°25	29°56	8°48	21°57	20°30	13°41	20°25	S 27
M28	6 27 58	6°40'45	4♍55	18°20	25°16	1°27	5° 7	15° 9	13°24	29°57	8°47	21°51	20°27	13°48	20°21	M28
T 29	6 31 55	7°41'52	17°46	19°45	25°53	2°13	5° 7	15°15	13°23	29°57	8°46	21°47	20°24	13°54	20°17	T 29
W30	6 35 51	8°42'59	0♎52	21°10	26°31	2°59	5°D 7	15°20	13°21	29°58	8°45	21°45	20°21	14° 1	20°13	W30
T 31	6 39 48	9♑44'07	14♎18	22♐36	27♏10	3♓45	5♉ 7	15♏25	13♉20	29♓59	8♌44	21°D45	20♉18	14♊ 8	20♋ 9	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21 s49	13n12	5n 5	19 s10	1n40	18 s 8	0 s16	18 s54	1 s27	12n24	1 s21	13 s26	2n12	15n42	0 s24	1 s15	1 s19	22n24	4n38	18n27	18n13	23n42	14n28	7 s16
W 2	21 58	7 41	4 38	18 42	1 55	17 49	0 2	18 41	1 26	12 23	1 21	13 28	2 13	15 41	0 24	1 15	1 19	22 25	4 38	18 27	18 12	23 44	14 28	7 16
T 3	22 6	1 38	3 55	18 17	2 8	17 31	0n12	18 27	1 25	12 21	1 21	13 30	2 13	15 40	0 24	1 15	1 19	22 25	4 38	18 28	18 12	23 45	14 28	7 17
F 4	22 15	4 s42	2 57	17 56	2 19	17 14	0 26	18 13	1 25	12 20	1 20	13 32	2 13	15 40	0 24	1 15	1 19	22 25	4 38	18 28	18 11	23 47	14 28	7 17
S 5	22 22	10 59	1 46	17 40	2 28	16 58	0 39	17 59	1 24	12 18	1 20	13 34	2 13	15 39	0 24	1 15	1 19	22 26	4 38	18 28	18 10	23 49	14 28	7 18
S 6	22 30	16 50	0 26	17 28	2 34	16 43	0 52	17 45	1 23	12 17	1 20	13 36	2 13	15 39	0 24	1 15	1 19	22 26	4 39	18 29	18 9	23 51	14 28	7 18
M 7	22 37	21 45	0 s57	17 20	2 39	16 29	1 5	17 31	1 22	12 16	1 19	13 38	2 13	15 38	0 24	1 15	1 19	22 26	4 39	18 28	18 8	23 52	14 28	7 19
T 8	22 43	25 12	2 17	17 16	2 41	16 16	1 17	17 17	1 21	12 14	1 19	13 40	2 13	15 38	0 24	1 15	1 19	22 27	4 39	18 28	18 7	23 54	14 28	7 19
W 9	22 49	26 48	3 27	17 16	2 42	16 5	1 28	17 2	1 20	12 13	1 19	13 42	2 13	15 37	0 24	1 15	1 19	22 27	4 39	18 27	18 7	23 56	14 28	7 20
T 10	22 54	26 24	4 21	17 20	2 42	15 54	1 39	16 47	1 19	12 12	1 19	13 43	2 13	15 36	0 24	1 15	1 19	22 27	4 39	18 27	18 6	23 58	14 28	7 20
F 11	23 0	24 10	4 57	17 27	2 40	15 45	1 50	16 32	1 18	12 11	1 18	13 45	2 13	15 36	0 24	1 15	1 18	22 28	4 39	18 26	18 5	23 59	14 28	7 20
S 12	23 4	20 27	5 13	17 37	2 37	15 36	2 0	16 17	1 18	12 10	1 18	13 47	2 13	15 35	0 24	1 15	1 18	22 28	4 40	18 25	18 4	24 1	14 28	7 21
S 13	23 8	15 45	5 10	17 48	2 33	15 29	2 10	16 2	1 17	12 9	1 18	13 49	2 14	15 35	0 24	1 15	1 18	22 29	4 40	18 24	18 3	24 3	14 28	7 21
M14	23 12	10 26	4 51	18 2	2 29	15 22	2 19	15 46	1 16	12 8	1 17	13 50	2 14	15 34	0 24	1 15	1 18	22 29	4 40	18 24	18 2	24 5	14 28	7 22
T 15	23 15	4 51	4 17	18 17	2 23	15 17	2 28	15 31	1 15	12 8	1 17	13 52	2 14	15 34	0 24	1 15	1 18	22 29	4 40	18 23	18 2	24 6	14 28	7 22
W16	23 18	0n47	3 32	18 34	2 18	15 13	2 37	15 15	1 14	12 7	1 17	13 54	2 14	15 33	0 24	1 15	1 18	22 30	4 40	18 24	18 1	24 8	14 28	7 23
T 17	23 20	6 16	2 38	18 51	2 11	15 9	2 44	14 59	1 13	12 6	1 17	13 55	2 14	15 33	0 24	1 15	1 18	22 30	4 40	18 24	18 0	24 10	14 28	7 23
F 18	23 22	11 27	1 38	19 10	2 4	15 7	2 52	14 43	1 12	12 6	1 16	13 57	2 14	15 32	0 24	1 15	1 18	22 30	4 41	18 25	17 59	24 11	14 29	7 23
S 19	23 24	16 9	0 35	19 28	1 57	15 5	2 59	14 27	1 11	12 5	1 16	13 59	2 14	15 32	0 24	1 15	1 18	22 31	4 41	18 25	17 58	24 13	14 29	7 24
S 20	23 24	20 12	0n30	19 47	1 50	15 5	3 6	14 11	1 11	12 5	1 16	14 0	2 14	15 31	0 24	1 14	1 18	22 31	4 41	18 25	17 57	24 15	14 29	7 24
M21	23 25	23 26	1 33	20 6	1 42	15 5	3 12	13 54	1 10	12 4	1 15	14 2	2 15	15 31	0 24	1 14	1 18	22 32	4 41	18 25	17 57	24 16	14 29	7 24
T 22	23 25	25 41	2 32	20 25	1 34	15 6	3 18	13 38	1 9	12 4	1 15	14 3	2 15	15 31	0 24	1 14	1 18	22 32	4 41	18 24	17 56	24 18	14 29	7 25
W23	23 24	26 46	3 24	20 43	1 27	15 7	3 23	13 21	1 8	12 4	1 15	14 5	2 15	15 30	0 24	1 14	1 18	22 33	4 41	18 22	17 55	24 20	14 30	7 25
T 24	23 23	26 37	4 8	21 1	1 19	15 10	3 28	13 4	1 7	12 4	1 15	14 6	2 15	15 30	0 23	1 14	1 18	22 33	4 42	18 20	17 54	24 21	14 30	7 25
F 25	23 22	25 12	4 41	21 19	1 11	15 13	3 33	12 47	1 6	12 4	1 14	14 8	2 15	15 29	0 23	1 13	1 18	22 33	4 42	18 18	17 53	24 23	14 30	7 25
S 26	23 20	22 35	5 2	21 36	1 3	15 16	3 37	12 30	1 5	12 4	1 14	14 9	2 15	15 29	0 23	1 13	1 18	22 34	4 42	18 16	17 52	24 25	14 31	7 26
S 27	23 18	18 55	5 9	21 52	0 55	15 20	3 41	12 13	1 4	12 4	1 14	14 11	2 15	15 29	0 23	1 13	1 18	22 34	4 42	18 14	17 52	24 26	14 31	7 26
M28	23 15	14 22	5 1	22 8	0 47	15 25	3 45	11 56	1 3	12 4	1 13	14 12	2 16	15 28	0 23	1 13	1 18	22 35	4 42	18 13	17 51	24 28	14 31	7 26
T 29	23 12	9 6	4 38	22 23	0 39	15 30	3 48	11 39	1 2	12 4	1 13	14 14	2 16	15 28	0 23	1 12	1 18	22 35	4 42	18 12	17 50	24 29	14 32	7 26
W30	23 8	3 19	4 0	22 37	0 31	15 36	3 51	11 21	1 2	12 4	1 13	14 15	2 16	15 28	0 23	1 12	1 18	22 36	4 42	18 11	17 49	24 31	14 32	7 27
T 31	23 s 4	2 s45	3n 8	22 s50	0n23	15 s42	3n54	11 s 4	1 s 1	12n 5	1 s12	14 s16	2n16	15n27	0 s23	1 s12	1 s18	22n36	4n43	18n11	17n48	24n33	14n32	7 s27

Julian Day Number = 2520910.5, Delta T = 153.46 sec
Ecliptic obliquity = 23°24'58, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°23'39, Lahiri = 26°30'40

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2190
geocentric

JANUARY 2190 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 43 45	10♑45'15	28♎ 5	24♐ 3	27♏51	4♓31	5♉ 7	15♏30	13°R19	29♓59	8°R43	21♉46	20♉15	14♊14	20°R 5	F 1
S 2	6 47 41	11°46'24	12♏15	25°31	28°32	5°17	5° 8	15°35	13♉18	0♈ 0	8♌41	21°47	20°11	14°21	20♋ 1	S 2
S 3	6 51 38	12°47'34	26°45	26°59	29°15	6° 3	5° 9	15°40	13°17	0° 1	8°40	21°R47	20° 8	14°28	19°56	S 3
M 4	6 55 34	13°48'43	11♐35	28°27	29°59	6°49	5° 9	15°45	13°17	0° 2	8°39	21°45	20° 5	14°34	19°52	M 4
T 5	6 59 31	14°49'54	26°37	29°57	0♑44	7°35	5°11	15°50	13°16	0° 3	8°38	21°41	20° 2	14°41	19°48	T 5
W 6	7 3 27	15°51'04	11♑43	1♑26	1°30	8°21	5°12	15°55	13°15	0° 4	8°37	21°35	19°59	14°48	19°44	W 6
T 7	7 7 24	16°52'15	26°44	2°56	2°17	9° 7	5°14	16° 0	13°14	0° 4	8°35	21°26	19°55	14°54	19°40	T 7
F 8	7 11 21	17°53'25	11♒30	4°27	3° 4	9°53	5°15	16° 4	13°14	0° 5	8°34	21°17	19°52	15° 1	19°36	F 8
S 9	7 15 17	18°54'35	25°53	5°58	3°53	10°39	5°17	16° 9	13°13	0° 6	8°33	21° 8	19°49	15° 8	19°31	S 9
S 10	7 19 14	19°55'44	9♓49	7°29	4°42	11°25	5°20	16°13	13°12	0° 7	8°32	21° 0	19°46	15°14	19°27	S 10
M11	7 23 10	20°56'54	23°15	9° 1	5°33	12°11	5°22	16°18	13°12	0° 8	8°30	20°54	19°43	15°21	19°23	M11
T 12	7 27 7	21°58'03	6♈13	10°33	6°24	12°57	5°25	16°22	13°11	0°10	8°29	20°50	19°40	15°28	19°19	T 12
W13	7 31 3	22°59'11	18°47	12° 6	7°15	13°43	5°27	16°26	13°11	0°11	8°28	20°D49	19°36	15°34	19°15	W13
T 14	7 35 0	24° 0'19	1♉ 1	13°39	8° 8	14°29	5°31	16°30	13°11	0°12	8°26	20°49	19°33	15°41	19°10	T 14
F 15	7 38 56	25° 1'26	13° 1	15°12	9° 1	15°15	5°34	16°34	13°10	0°13	8°25	20°50	19°30	15°48	19° 6	F 15
S 16	7 42 53	26° 2'33	24°51	16°46	9°55	16° 1	5°37	16°38	13°10	0°14	8°24	20°R50	19°27	15°54	19° 2	S 16
S 17	7 46 50	27° 3'39	6♊38	18°21	10°49	16°47	5°41	16°42	13°10	0°15	8°22	20°48	19°24	16° 1	18°58	S 17
M18	7 50 46	28° 4'44	18°25	19°56	11°45	17°33	5°45	16°46	13°10	0°17	8°21	20°45	19°21	16° 8	18°54	M18
T 19	7 54 43	29° 5'49	0♋17	21°31	12°40	18°19	5°48	16°50	13° 9	0°18	8°20	20°38	19°17	16°14	18°50	T 19
W20	7 58 39	0♒ 6'54	12°16	23° 7	13°37	19° 5	5°53	16°53	13° 9	0°19	8°18	20°29	19°14	16°21	18°46	W20
T 21	8 2 36	1° 7'57	24°25	24°43	14°33	19°51	5°57	16°57	13°D 9	0°21	8°17	20°17	19°11	16°28	18°41	T 21
F 22	8 6 32	2° 9'01	6♌44	26°20	15°31	20°37	6° 2	17° 0	13° 9	0°22	8°16	20° 4	19° 8	16°34	18°37	F 22
S 23	8 10 29	3°10'03	19°15	27°58	16°29	21°22	6° 6	17° 4	13° 9	0°23	8°14	19°50	19° 5	16°41	18°33	S 23
S 24	8 14 25	4°11'05	1♍56	29°36	17°27	22° 8	6°11	17° 7	13°10	0°25	8°13	19°38	19° 1	16°48	18°29	S 24
M25	8 18 22	5°12'07	14°48	1♎15	18°26	22°54	6°16	17°10	13°10	0°26	8°12	19°27	18°58	16°54	18°25	M25
T 26	8 22 19	6°13'08	27°52	2°54	19°25	23°40	6°22	17°13	13°10	0°28	8°10	19°19	18°55	17° 1	18°21	T 26
W27	8 26 15	7°14'08	11♎ 7	4°34	20°25	24°25	6°27	17°16	13°10	0°29	8° 9	19°14	18°52	17° 8	18°18	W27
T 28	8 30 12	8°15'08	24°35	6°14	21°25	25°11	6°33	17°19	13°11	0°31	8° 7	19°11	18°49	17°14	18°14	T 28
F 29	8 34 8	9°16'07	8♏17	7°55	22°26	25°57	6°38	17°22	13°11	0°32	8° 6	19°D11	18°46	17°21	18°10	F 29
S 30	8 38 5	10°17'06	22°14	9°37	23°27	26°42	6°44	17°24	13°12	0°34	8° 5	19°R11	18°42	17°28	18° 6	S 30
S 31	8 42 1	11♒18'05	6♐26	11♒20	24♐28	27♓28	6♉51	17♏27	13♉12	0♈36	8♌ 3	19♉10	18♉39	17♊34	18♋ 2	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22s59	8s51	2n 4	23s 2	0n15	15s49	3n57	10s46	1s 0	12n 5	1s12	14s18	2n16	15n27	0s23	1s11	1s18	22n36	4n43	18n11	17n47	24n34	14n33	7s27
S 2	22 54	14 41	0 51	23 13	0 8	15 56	3 59	10 29	0 59	12 5	1 12	14 19	2 16	15 27	0 23	1 11	1 18	22 37	4 43	18 12	17 46	24 36	14 33	7 27
S 3	22 48	19 51	0s27	23 23	0 0	16 3	4 1	10 11	0 58	12 6	1 11	14 20	2 17	15 27	0 23	1 11	1 18	22 37	4 43	18 12	17 46	24 37	14 33	7 27
M 4	22 42	23 53	1 44	23 32	0s 7	16 11	4 2	9 53	0 57	12 7	1 11	14 21	2 17	15 26	0 23	1 10	1 18	22 38	4 43	18 11	17 45	24 39	14 34	7 27
T 5	22 36	26 18	2 56	23 39	0 15	16 18	4 4	9 35	0 56	12 7	1 11	14 23	2 17	15 26	0 23	1 10	1 18	22 38	4 43	18 10	17 44	24 40	14 34	7 28
W 6	22 29	26 48	3 55	23 46	0 22	16 26	4 5	9 17	0 55	12 8	1 11	14 24	2 17	15 26	0 23	1 10	1 17	22 39	4 43	18 8	17 43	24 42	14 35	7 28
T 7	22 21	25 20	4 38	23 52	0 29	16 35	4 6	8 59	0 54	12 9	1 10	14 25	2 17	15 26	0 23	1 9	1 17	22 39	4 43	18 6	17 42	24 44	14 35	7 28
F 8	22 13	22 8	5 1	23 56	0 35	16 43	4 6	8 41	0 53	12 10	1 10	14 26	2 17	15 26	0 23	1 9	1 17	22 40	4 44	18 4	17 41	24 45	14 36	7 28
S 9	22 5	17 39	5 4	23 59	0 42	16 52	4 7	8 22	0 53	12 11	1 10	14 27	2 18	15 25	0 23	1 8	1 17	22 40	4 44	18 1	17 41	24 47	14 36	7 28
S 10	21 56	12 20	4 49	24 1	0 48	17 0	4 7	8 4	0 52	12 12	1 9	14 28	2 18	15 25	0 23	1 8	1 17	22 41	4 44	17 59	17 40	24 48	14 37	7 28
M11	21 47	6 38	4 18	24 1	0 55	17 9	4 7	7 46	0 51	12 13	1 9	14 29	2 18	15 25	0 23	1 8	1 17	22 41	4 44	17 58	17 39	24 50	14 37	7 28
T 12	21 38	0 49	3 35	24 0	1 1	17 18	4 7	7 27	0 50	12 14	1 9	14 30	2 18	15 25	0 23	1 7	1 17	22 41	4 44	17 57	17 38	24 51	14 38	7 28
W13	21 28	4n51	2 43	23 58	1 6	17 27	4 6	7 9	0 49	12 15	1 8	14 32	2 18	15 25	0 23	1 7	1 17	22 42	4 44	17 56	17 37	24 53	14 38	7 28
T 14	21 17	10 12	1 44	23 55	1 12	17 36	4 6	6 50	0 48	12 16	1 8	14 32	2 19	15 25	0 23	1 6	1 17	22 42	4 44	17 56	17 36	24 54	14 39	7 28
F 15	21 6	15 4	0 42	23 50	1 17	17 45	4 5	6 32	0 47	12 18	1 8	14 33	2 19	15 25	0 23	1 6	1 17	22 43	4 44	17 57	17 35	24 56	14 40	7 28
S 16	20 55	19 19	0n21	23 44	1 22	17 53	4 4	6 13	0 46	12 19	1 8	14 34	2 19	15 25	0 23	1 5	1 17	22 43	4 44	17 57	17 35	24 57	14 40	7 28
S 17	20 44	22 46	1 23	23 36	1 27	18 2	4 3	5 54	0 45	12 21	1 7	14 35	2 19	15 25	0 23	1 5	1 17	22 44	4 45	17 56	17 34	24 59	14 41	7 28
M18	20 32	25 16	2 21	23 27	1 32	18 11	4 2	5 36	0 44	12 22	1 7	14 36	2 19	15 25	0 23	1 4	1 17	22 44	4 45	17 55	17 33	25 0	14 41	7 28
T 19	20 19	26 39	3 14	23 17	1 36	18 19	4 0	5 17	0 44	12 24	1 7	14 37	2 20	15 25	0 23	1 4	1 17	22 45	4 45	17 54	17 32	25 2	14 42	7 28
W20	20 6	26 48	3 58	23 5	1 41	18 28	3 59	4 58	0 43	12 25	1 6	14 38	2 20	15 25	0 23	1 3	1 17	22 45	4 45	17 51	17 31	25 3	14 43	7 28
T 21	19 53	25 40	4 31	22 52	1 44	18 36	3 57	4 40	0 42	12 27	1 6	14 39	2 20	15 25	0 23	1 2	1 17	22 45	4 45	17 48	17 30	25 5	14 43	7 28
F 22	19 40	23 18	4 53	22 38	1 48	18 44	3 55	4 21	0 41	12 29	1 6	14 39	2 20	15 25	0 23	1 2	1 17	22 46	4 45	17 44	17 29	25 6	14 44	7 28
S 23	19 26	19 48	5 1	22 22	1 51	18 52	3 53	4 2	0 40	12 31	1 5	14 40	2 20	15 25	0 23	1 1	1 17	22 46	4 45	17 41	17 28	25 8	14 45	7 27
S 24	19 12	15 21	4 54	22 5	1 54	19 0	3 51	3 43	0 39	12 33	1 5	14 41	2 21	15 25	0 23	1 1	1 17	22 47	4 45	17 37	17 28	25 9	14 45	7 27
M25	18 57	10 10	4 32	21 46	1 57	19 7	3 48	3 24	0 38	12 35	1 5	14 42	2 21	15 25	0 23	1 0	1 17	22 47	4 45	17 34	17 27	25 11	14 46	7 27
T 26	18 42	4 28	3 56	21 25	1 59	19 15	3 46	3 5	0 37	12 37	1 5	14 42	2 21	15 25	0 23	0 59	1 17	22 48	4 45	17 32	17 26	25 12	14 47	7 27
W27	18 27	1s32	3 7	21 4	2 1	19 22	3 43	2 46	0 36	12 39	1 4	14 43	2 21	15 25	0 23	0 59	1 17	22 48	4 45	17 31	17 25	25 13	14 47	7 27
T 28	18 11	7 33	2 6	20 41	2 3	19 28	3 41	2 27	0 36	12 41	1 4	14 43	2 21	15 25	0 23	0 58	1 17	22 49	4 45	17 30	17 24	25 15	14 48	7 27
F 29	17 55	13 21	0 57	20 16	2 4	19 35	3 38	2 9	0 35	12 43	1 4	14 44	2 22	15 25	0 23	0 58	1 17	22 49	4 46	17 30	17 23	25 16	14 49	7 26
S 30	17 39	18 34	0s16	19 50	2 5	19 41	3 35	1 50	0 34	12 45	1 3	14 45	2 22	15 26	0 23	0 57	1 17	22 49	4 46	17 30	17 22	25 18	14 49	7 26
S 31	17s22	22s50	1s30	19s22	2s 5	19s46	3n32	1s31	0s33	12n47	1s 3	14s45	2n22	15n26	0s22	0s56	1s17	22n50	4n46	17n30	17n22	25n19	14n50	7s26

Julian Day Number = 2520941.5, Delta T = 153.54 sec
Ecliptic obliquity = 23°24'58, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°23'44, Lahiri = 26°30'44

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2190
geocentric

FEBRUARY 2190 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 45 58	12♒19'03	20♐53	13♒ 3	25♐30	28♓13	6♉57	17♏30	13♉13	0♈37	8°R 2	19°R 7	18♉36	17♊41	17°R59	M 1
T 2	8 49 54	13°20'00	5♑31	14°46	26°32	28°59	7° 3	17°32	13°13	0°39	8♌ 1	19♉ 2	18°33	17°48	17♋55	T 2
W 3	8 53 51	14°20'56	20°14	16°31	27°35	29°44	7°10	17°34	13°14	0°41	7°59	18°53	18°30	17°54	17°51	W 3
T 4	8 57 48	15°21'52	4♒56	18°16	28°37	0♈30	7°17	17°37	13°15	0°42	7°58	18°42	18°27	18° 1	17°48	T 4
F 5	9 1 44	16°22'47	19°29	20° 1	29°41	1°15	7°24	17°39	13°15	0°44	7°57	18°29	18°23	18° 8	17°44	F 5
S 6	9 5 41	17°23'40	3♓45	21°47	0♑44	2° 1	7°31	17°41	13°16	0°46	7°55	18°17	18°20	18°14	17°41	S 6
S 7	9 9 37	18°24'32	17°39	23°34	1°48	2°46	7°38	17°43	13°17	0°48	7°54	18° 6	18°17	18°21	17°38	S 7
M 8	9 13 34	19°25'23	1♈ 6	25°21	2°52	3°32	7°46	17°44	13°18	0°49	7°53	17°57	18°14	18°28	17°34	M 8
T 9	9 17 30	20°26'13	14° 8	27° 9	3°56	4°17	7°53	17°46	13°19	0°51	7°51	17°51	18°11	18°34	17°31	T 9
W10	9 21 27	21°27'01	26°45	28°57	5° 0	5° 2	8° 1	17°48	13°20	0°53	7°50	17°47	18° 7	18°41	17°28	W10
T 11	9 25 23	22°27'48	9♉ 2	0♓45	6° 5	5°48	8° 9	17°49	13°21	0°55	7°49	17°46	18° 4	18°48	17°25	T 11
F 12	9 29 20	23°28'33	21° 4	2°33	7°10	6°33	8°17	17°51	13°22	0°57	7°47	17°46	18° 1	18°54	17°21	F 12
S 13	9 33 17	24°29'16	2♊56	4°21	8°15	7°18	8°25	17°52	13°24	0°59	7°46	17°46	17°58	19° 1	17°18	S 13
S 14	9 37 13	25°29'59	14°44	6° 9	9°21	8° 3	8°34	17°53	13°25	1° 1	7°45	17°44	17°55	19° 8	17°15	S 14
M15	9 41 10	26°30'39	26°34	7°57	10°26	8°49	8°42	17°54	13°26	1° 3	7°43	17°41	17°52	19°14	17°13	M15
T 16	9 45 6	27°31'18	8♋29	9°44	11°32	9°34	8°51	17°55	13°27	1° 4	7°42	17°35	17°48	19°21	17°10	T 16
W17	9 49 3	28°31'56	20°33	11°30	12°38	10°19	8°59	17°56	13°29	1° 6	7°41	17°26	17°45	19°28	17° 7	W17
T 18	9 52 59	29°32'31	2♌51	13°14	13°45	11° 4	9° 8	17°57	13°30	1° 8	7°40	17°15	17°42	19°34	17° 4	T 18
F 19	9 56 56	0♓33'06	15°23	14°57	14°51	11°49	9°17	17°58	13°32	1°10	7°38	17° 2	17°39	19°41	17° 2	F 19
S 20	10 0 52	1°33'38	28°10	16°38	15°58	12°34	9°26	17°58	13°33	1°12	7°37	16°48	17°36	19°48	16°59	S 20
S 21	10 4 49	2°34'09	11♍12	18°16	17° 5	13°19	9°36	17°59	13°35	1°15	7°36	16°36	17°33	19°54	16°57	S 21
M22	10 8 46	3°34'39	24°27	19°51	18°12	14° 4	9°45	17°59	13°36	1°17	7°35	16°25	17°29	20° 1	16°54	M22
T 23	10 12 42	4°35'07	7♎53	21°22	19°19	14°48	9°55	17°59	13°38	1°19	7°33	16°17	17°26	20° 8	16°52	T 23
W24	10 16 39	5°35'34	21°28	22°49	20°27	15°33	10° 4	17°59	13°40	1°21	7°32	16°12	17°23	20°14	16°50	W24
T 25	10 20 35	6°35'59	5♏12	24°12	21°34	16°18	10°14	17°R59	13°41	1°23	7°31	16° 9	17°20	20°21	16°48	T 25
F 26	10 24 32	7°36'23	19° 3	25°28	22°42	17° 3	10°24	17°59	13°43	1°25	7°30	16°D 9	17°17	20°28	16°46	F 26
S 27	10 28 28	8°36'46	3♐ 2	26°38	23°50	17°47	10°34	17°59	13°45	1°27	7°29	16°R 9	17°13	20°34	16°44	S 27
S 28	10 32 25	9♓37'07	17♐ 7	27♓42	24♑58	18♈32	10♉44	17♏59	13♉47	1♈29	7♌28	16♉ 9	17♉10	20♊41	16♋42	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17s 5	25s45	2s39	18s53	2s 5	19s52	3n29	1s12	0s32	12n50	1s 3	14s46	2n22	15n26	0s22	0s56	1s17	22n50	4n46	17n29	17n21	25n20	14n51	7s26
T 2	16 48	26 57	3 39	18 23	2 5	19 57	3 25	0 53	0 31	12 52	1 3	14 46	2 22	15 26	0 22	0 55	1 17	22 51	4 46	17 28	17 20	25 22	14 51	7 25
W 3	16 31	26 15	4 24	17 51	2 4	20 2	3 22	0 34	0 30	12 55	1 2	14 46	2 23	15 26	0 22	0 54	1 17	22 51	4 46	17 25	17 19	25 23	14 52	7 25
T 4	16 13	23 44	4 52	17 17	2 3	20 6	3 19	0 15	0 29	12 57	1 2	14 47	2 23	15 27	0 22	0 53	1 17	22 52	4 46	17 22	17 18	25 25	14 53	7 25
F 5	15 55	19 42	5 0	16 42	2 1	20 10	3 15	0n 4	0 29	12 59	1 2	14 47	2 23	15 27	0 22	0 53	1 17	22 52	4 46	17 19	17 17	25 26	14 54	7 25
S 6	15 36	14 37	4 49	16 6	1 58	20 13	3 12	0 23	0 28	13 2	1 2	14 48	2 23	15 27	0 22	0 52	1 17	22 52	4 46	17 15	17 16	25 27	14 54	7 24
S 7	15 18	8 54	4 22	15 28	1 56	20 16	3 8	0 41	0 27	13 5	1 1	14 48	2 24	15 27	0 22	0 51	1 17	22 53	4 46	17 12	17 15	25 29	14 55	7 24
M 8	14 59	2 56	3 40	14 49	1 52	20 19	3 4	1 0	0 26	13 7	1 1	14 48	2 24	15 28	0 22	0 51	1 17	22 53	4 46	17 10	17 14	25 30	14 56	7 24
T 9	14 40	2n59	2 48	14 9	1 48	20 21	3 1	1 19	0 25	13 10	1 1	14 48	2 24	15 28	0 22	0 50	1 16	22 54	4 46	17 8	17 14	25 31	14 57	7 23
W10	14 20	8 37	1 49	13 27	1 44	20 23	2 57	1 38	0 24	13 13	1 1	14 49	2 24	15 28	0 22	0 49	1 16	22 54	4 46	17 7	17 13	25 33	14 57	7 23
T 11	14 1	13 46	0 46	12 44	1 38	20 24	2 53	1 56	0 24	13 16	1 0	14 49	2 24	15 29	0 22	0 48	1 16	22 54	4 46	17 7	17 12	25 34	14 58	7 23
F 12	13 41	18 17	0n18	12 0	1 33	20 25	2 49	2 15	0 23	13 18	1 0	14 49	2 25	15 29	0 22	0 48	1 16	22 55	4 46	17 7	17 11	25 35	14 59	7 22
S 13	13 21	22 2	1 19	11 14	1 26	20 25	2 45	2 34	0 22	13 21	1 0	14 49	2 25	15 30	0 22	0 47	1 16	22 55	4 46	17 7	17 10	25 37	15 0	7 22
S 14	13 1	24 49	2 18	10 28	1 19	20 25	2 41	2 52	0 21	13 24	1 0	14 49	2 25	15 30	0 22	0 46	1 16	22 55	4 46	17 6	17 9	25 38	15 0	7 21
M15	12 40	26 32	3 10	9 41	1 11	20 24	2 37	3 11	0 20	13 27	0 59	14 49	2 25	15 30	0 22	0 45	1 16	22 56	4 46	17 5	17 8	25 39	15 1	7 21
T 16	12 19	27 3	3 54	8 53	1 3	20 23	2 33	3 29	0 19	13 30	0 59	14 49	2 26	15 31	0 22	0 44	1 16	22 56	4 46	17 4	17 7	25 41	15 2	7 21
W17	11 58	26 16	4 29	8 4	0 54	20 21	2 28	3 48	0 18	13 33	0 59	14 49	2 26	15 31	0 22	0 44	1 16	22 57	4 46	17 1	17 7	25 42	15 3	7 20
T 18	11 37	24 14	4 51	7 15	0 44	20 19	2 24	4 6	0 18	13 36	0 59	14 49	2 26	15 32	0 22	0 43	1 16	22 57	4 46	16 58	17 6	25 43	15 3	7 20
F 19	11 16	20 59	5 0	6 26	0 33	20 16	2 20	4 25	0 17	13 39	0 58	14 49	2 26	15 32	0 22	0 42	1 16	22 57	4 46	16 54	17 5	25 45	15 4	7 19
S 20	10 55	16 42	4 55	5 36	0 22	20 13	2 16	4 43	0 16	13 42	0 58	14 49	2 27	15 33	0 22	0 41	1 16	22 58	4 47	16 50	17 4	25 46	15 5	7 19
S 21	10 33	11 35	4 34	4 47	0 10	20 9	2 11	5 1	0 15	13 45	0 58	14 49	2 27	15 33	0 22	0 40	1 16	22 58	4 47	16 47	17 3	25 47	15 6	7 18
M22	10 11	5 51	3 58	3 59	0n 2	20 5	2 7	5 19	0 14	13 49	0 58	14 49	2 27	15 34	0 22	0 40	1 16	22 58	4 47	16 44	17 2	25 48	15 6	7 18
T 23	9 49	0s14	3 8	3 11	0 16	20 0	2 3	5 37	0 14	13 52	0 57	14 49	2 27	15 34	0 22	0 39	1 16	22 59	4 47	16 41	17 1	25 50	15 7	7 17
W24	9 27	6 24	2 7	2 24	0 29	19 55	1 58	5 55	0 13	13 55	0 57	14 49	2 27	15 35	0 22	0 38	1 16	22 59	4 47	16 40	17 0	25 51	15 8	7 17
T 25	9 5	12 20	0 58	1 39	0 43	19 49	1 54	6 13	0 12	13 58	0 57	14 49	2 28	15 35	0 22	0 37	1 16	22 59	4 47	16 39	16 59	25 52	15 9	7 16
F 26	8 42	17 43	0s15	0 55	0 58	19 43	1 49	6 31	0 11	14 2	0 57	14 48	2 28	15 36	0 22	0 36	1 16	23 0	4 47	16 39	16 59	25 53	15 9	7 16
S 27	8 20	22 11	1 29	0 14	1 12	19 36	1 45	6 49	0 10	14 5	0 57	14 48	2 28	15 36	0 22	0 35	1 16	23 0	4 47	16 39	16 58	25 54	15 10	7 15
S 28	7s57	25s24	2s37	0n25	1n27	19s28	1n40	7n 7	0s10	14n 8	0s56	14s48	2n28	15n37	0s22	0s34	1s16	23n 0	4n47	16n39	16n57	25n56	15n11	7s15

Julian Day Number = 2520972.5, Delta T = 153.62 sec
Ecliptic obliquity = 23°24'58, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°23'48, Lahiri = 26°30'48

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2190
geocentric

MARCH 2190 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 36 21	10♓37'28	1♉18	28♓37	26♉ 6	19♈17	10♉54	17°R59	13♉49	1♈31	7°R26	16°R 7	17♉ 7	20♊48	16°R40	M 1
T 2	10 40 18	11°37'46	15°34	29°25	27°14	20° 1	11° 5	17♏58	13°51	1°34	7♌25	16♉ 3	17° 4	20°54	16♋38	T 2
W 3	10 44 15	12°38'04	29°51	0♈ 5	28°23	20°46	11°15	17°58	13°53	1°36	7°24	15°57	17° 1	21° 1	16°37	W 3
T 4	10 48 11	13°38'20	14♒ 5	0°35	29°31	21°30	11°26	17°57	13°55	1°38	7°23	15°48	16°58	21° 8	16°35	T 4
F 5	10 52 8	14°38'34	28°11	0°56	0♒40	22°15	11°36	17°56	13°57	1°40	7°22	15°37	16°54	21°14	16°34	F 5
S 6	10 56 4	15°38'46	12♓ 5	1° 8	1°49	22°59	11°47	17°55	13°59	1°42	7°21	15°27	16°51	21°21	16°33	S 6
S 7	11 0 1	16°38'56	25°42	1°R10	2°58	23°44	11°58	17°54	14° 1	1°44	7°20	15°17	16°48	21°28	16°31	S 7
M 8	11 3 57	17°39'05	8♈58	1° 3	4° 7	24°28	12° 9	17°53	14° 4	1°47	7°19	15°10	16°45	21°34	16°30	M 8
T 9	11 7 54	18°39'12	21°54	0°47	5°16	25°12	12°20	17°52	14° 6	1°49	7°18	15° 5	16°42	21°41	16°29	T 9
W10	11 11 50	19°39'17	4♉30	0°23	6°25	25°57	12°31	17°51	14° 8	1°51	7°17	15° 2	16°39	21°48	16°28	W10
T 11	11 15 47	20°39'19	16°47	29♓50	7°35	26°41	12°43	17°50	14°10	1°53	7°16	15°D 2	16°35	21°54	16°27	T 11
F 12	11 19 44	21°39'20	28°51	29°10	8°44	27°25	12°54	17°48	14°13	1°56	7°15	15° 2	16°32	22° 1	16°26	F 12
S 13	11 23 40	22°39'19	10♊45	28°25	9°54	28° 9	13° 6	17°46	14°15	1°58	7°14	15° 3	16°29	22° 8	16°26	S 13
S 14	11 27 37	23°39'15	22°34	27°34	11° 3	28°53	13°17	17°45	14°18	2° 0	7°13	15°R 4	16°26	22°14	16°25	S 14
M15	11 31 33	24°39'09	4♋25	26°40	12°13	29°37	13°29	17°43	14°20	2° 2	7°13	15° 3	16°23	22°21	16°24	M15
T 16	11 35 30	25°39'02	16°21	25°43	13°23	0♉21	13°40	17°41	14°23	2° 5	7°12	15° 1	16°19	22°28	16°24	T 16
W17	11 39 26	26°38'51	28°29	24°45	14°33	1° 5	13°52	17°39	14°25	2° 7	7°11	14°56	16°16	22°34	16°24	W17
T 18	11 43 23	27°38'39	10♌51	23°47	15°43	1°49	14° 4	17°37	14°28	2° 9	7°10	14°50	16°13	22°41	16°23	T 18
F 19	11 47 19	28°38'25	23°31	22°51	16°53	2°33	14°16	17°35	14°30	2°11	7° 9	14°43	16°10	22°48	16°23	F 19
S 20	11 51 16	29°38'08	6♍31	21°57	18° 3	3°17	14°28	17°33	14°33	2°14	7° 9	14°34	16° 7	22°54	16°D23	S 20
S 21	11 55 13	0♈37'49	19°49	21° 6	19°13	4° 0	14°40	17°31	14°36	2°16	7° 8	14°27	16° 4	23° 1	16°23	S 21
M22	11 59 9	1°37'28	3♎25	20°20	20°24	4°44	14°53	17°28	14°39	2°18	7° 7	14°20	16° 0	23° 8	16°23	M22
T 23	12 3 6	2°37'06	17°16	19°39	21°34	5°28	15° 5	17°26	14°41	2°21	7° 6	14°15	15°57	23°14	16°23	T 23
W24	12 7 2	3°36'41	1♏18	19° 3	22°44	6°11	15°17	17°23	14°44	2°23	7° 6	14°13	15°54	23°21	16°24	W24
T 25	12 10 59	4°36'14	15°28	18°33	23°55	6°55	15°30	17°20	14°47	2°25	7° 5	14°D12	15°51	23°28	16°24	T 25
F 26	12 14 55	5°35'46	29°41	18° 9	25° 5	7°39	15°42	17°18	14°50	2°27	7° 5	14°13	15°48	23°34	16°25	F 26
S 27	12 18 52	6°35'16	13♐55	17°51	26°16	8°22	15°55	17°15	14°53	2°30	7° 4	14°14	15°44	23°41	16°25	S 27
S 28	12 22 48	7°34'45	28° 8	17°39	27°27	9° 5	16° 7	17°12	14°55	2°32	7° 3	14°15	15°41	23°48	16°26	S 28
M29	12 26 45	8°34'11	12♑17	17°33	28°38	9°49	16°20	17° 9	14°58	2°34	7° 3	14°R16	15°38	23°54	16°27	M29
T 30	12 30 42	9°33'36	26°21	17°D33	29°48	10°32	16°33	17° 6	15° 1	2°36	7° 2	14°15	15°35	24° 1	16°28	T 30
W31	12 34 38	10♈32'59	10♒19	17♓39	0♓59	11♉15	16♉46	17♏ 3	15♉ 4	2♈39	7♌ 2	14♉12	15♉32	24♊ 8	16♋29	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	7s35	27s 1	3s36	1n 0	1n42	19s20	1n36	7n24	0s 9	14n12	0s56	14s48	2n29	15n38	0s22	0s34	1s16	23n 0	4n47	16n39	16n56	25n57	15n11	7s14
T 2	7 12	26 51	4 22	1 33	1 56	19 12	1 32	7 42	0 8	14 15	0 56	14 47	2 29	15 38	0 22	0 33	1 16	23 1	4 47	16 38	16 55	25 58	15 12	7 14
W 3	6 49	24 55	4 52	2 2	2 11	19 3	1 27	7 59	0 7	14 19	0 56	14 47	2 29	15 39	0 22	0 32	1 16	23 1	4 47	16 36	16 54	25 59	15 13	7 13
T 4	6 26	21 25	5 3	2 26	2 24	18 53	1 23	8 17	0 6	14 22	0 55	14 46	2 29	15 39	0 22	0 31	1 16	23 1	4 47	16 33	16 53	26 0	15 14	7 13
F 5	6 2	16 43	4 56	2 47	2 38	18 43	1 18	8 34	0 6	14 25	0 55	14 46	2 29	15 40	0 22	0 30	1 16	23 2	4 47	16 30	16 52	26 2	15 14	7 12
S 6	5 39	11 12	4 32	3 3	2 50	18 32	1 14	8 51	0 5	14 29	0 55	14 46	2 30	15 41	0 22	0 29	1 16	23 2	4 47	16 27	16 51	26 3	15 15	7 12
S 7	5 16	5 16	3 52	3 14	3 1	18 21	1 9	9 8	0 4	14 32	0 55	14 45	2 30	15 41	0 22	0 28	1 16	23 2	4 47	16 24	16 50	26 4	15 16	7 11
M 8	4 53	0n47	3 0	3 21	3 11	18 9	1 5	9 25	0 3	14 36	0 55	14 45	2 30	15 42	0 22	0 27	1 16	23 2	4 47	16 22	16 50	26 5	15 16	7 11
T 9	4 29	6 40	2 1	3 22	3 20	17 57	1 1	9 42	0 3	14 40	0 54	14 44	2 30	15 43	0 22	0 27	1 16	23 3	4 47	16 21	16 49	26 6	15 17	7 10
W10	4 6	12 7	0 56	3 19	3 27	17 44	0 56	9 59	0 2	14 43	0 54	14 44	2 30	15 43	0 21	0 26	1 16	23 3	4 47	16 20	16 48	26 7	15 18	7 9
T 11	3 42	16 59	0n 9	3 11	3 33	17 31	0 52	10 16	0 1	14 47	0 54	14 43	2 31	15 44	0 21	0 25	1 16	23 3	4 47	16 20	16 47	26 9	15 18	7 9
F 12	3 18	21 5	1 14	2 59	3 36	17 17	0 48	10 32	0 0	14 50	0 54	14 42	2 31	15 45	0 21	0 24	1 16	23 3	4 46	16 20	16 46	26 10	15 19	7 8
S 13	2 55	24 15	2 14	2 42	3 38	17 3	0 43	10 49	0n 0	14 54	0 54	14 42	2 31	15 46	0 21	0 23	1 16	23 3	4 46	16 20	16 45	26 11	15 20	7 8
S 14	2 31	26 20	3 8	2 21	3 37	16 49	0 39	11 5	0 1	14 58	0 54	14 41	2 31	15 46	0 21	0 22	1 16	23 4	4 46	16 20	16 44	26 12	15 20	7 7
M15	2 7	27 15	3 54	1 57	3 35	16 33	0 35	11 21	0 2	15 1	0 53	14 40	2 31	15 47	0 21	0 21	1 16	23 4	4 46	16 20	16 43	26 13	15 21	7 7
T 16	1 44	26 53	4 30	1 31	3 30	16 18	0 31	11 37	0 3	15 5	0 53	14 40	2 32	15 48	0 21	0 20	1 16	23 4	4 46	16 20	16 42	26 14	15 22	7 6
W17	1 20	25 16	4 55	1 2	3 24	16 2	0 27	11 54	0 3	15 9	0 53	14 39	2 32	15 49	0 21	0 19	1 16	23 4	4 46	16 18	16 41	26 15	15 22	7 5
T 18	0 56	22 25	5 7	0 31	3 15	15 45	0 23	12 9	0 4	15 12	0 53	14 38	2 32	15 49	0 21	0 19	1 16	23 4	4 46	16 16	16 40	26 16	15 23	7 5
F 19	0 32	18 27	5 4	0 0	3 5	15 28	0 19	12 25	0 5	15 16	0 53	14 37	2 32	15 50	0 21	0 18	1 16	23 5	4 46	16 14	16 40	26 17	15 24	7 4
S 20	0 9	13 32	4 46	0s31	2 54	15 11	0 15	12 41	0 5	15 20	0 52	14 37	2 32	15 51	0 21	0 17	1 16	23 5	4 46	16 12	16 39	26 19	15 24	7 4
S 21	0n15	7 53	4 12	1 3	2 42	14 53	0 11	12 56	0 6	15 24	0 52	14 36	2 33	15 52	0 21	0 16	1 16	23 5	4 46	16 9	16 38	26 20	15 25	7 3
M22	0 39	1 45	3 23	1 33	2 28	14 34	0 7	13 12	0 7	15 27	0 52	14 35	2 33	15 53	0 21	0 15	1 16	23 5	4 46	16 7	16 37	26 21	15 25	7 2
T 23	1 2	4s36	2 21	2 2	2 14	14 16	0 3	13 27	0 8	15 31	0 52	14 34	2 33	15 53	0 21	0 14	1 16	23 5	4 46	16 6	16 36	26 22	15 26	7 2
W24	1 26	10 50	1 9	2 30	1 59	13 56	0s 1	13 42	0 8	15 35	0 52	14 33	2 33	15 54	0 21	0 13	1 16	23 5	4 46	16 5	16 35	26 23	15 26	7 1
T 25	1 50	16 34	0s 7	2 56	1 44	13 37	0 5	13 57	0 9	15 39	0 52	14 32	2 33	15 55	0 21	0 12	1 16	23 6	4 46	16 5	16 34	26 24	15 27	7 1
F 26	2 13	21 25	1 23	3 19	1 29	13 17	0 9	14 12	0 10	15 42	0 51	14 31	2 33	15 56	0 21	0 11	1 16	23 6	4 46	16 5	16 33	26 25	15 28	7 0
S 27	2 37	25 0	2 35	3 40	1 13	12 57	0 12	14 27	0 10	15 46	0 51	14 31	2 34	15 57	0 21	0 10	1 16	23 6	4 46	16 6	16 32	26 26	15 28	6 59
S 28	3 0	27 1	3 36	3 59	0 58	12 36	0 16	14 41	0 11	15 50	0 51	14 30	2 34	15 58	0 21	0 10	1 16	23 6	4 46	16 6	16 31	26 27	15 29	6 59
M29	3 24	27 14	4 25	4 15	0 43	12 15	0 20	14 56	0 12	15 54	0 51	14 29	2 34	15 59	0 21	0 9	1 16	23 6	4 46	16 6	16 30	26 28	15 29	6 58
T 30	3 47	25 43	4 57	4 29	0 28	11 53	0 23	15 10	0 12	15 57	0 51	14 28	2 34	15 59	0 21	0 8	1 16	23 6	4 46	16 6	16 29	26 29	15 30	6 58
W31	4n10	22s37	5s11	4s40	0n14	11s32	0s27	15n24	0n13	16n 1	0s51	14s27	2n34	16n 0	0s21	0s 7	1s16	23n 6	4n46	16n 5	16n29	26n30	15n30	6s57

Julian Day Number = 2521000.5, Delta T = 153.69 sec
Ecliptic obliquity = 23°24'59, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°23'52, Lahiri = 26°30'52

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2190
geocentric

APRIL 2190 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 38 35	11♈32'21	24♒ 8	17♓50	2♓10	11♉59	16♉59	17°R 0	15♉ 7	2♈41	7°R 1	14°R 8	15♉29	24♊14	16♋30	T 1
F 2	12 42 31	12°31'40	7♓46	18° 6	3°21	12°42	17°12	16♏56	15°10	2°43	7♌ 1	14♉ 3	15°25	24°21	16°31	F 2
S 3	12 46 28	13°30'58	21°13	18°27	4°32	13°25	17°25	16°53	15°13	2°45	7° 0	13°58	15°22	24°28	16°32	S 3
S 4	12 50 24	14°30'14	4♈25	18°53	5°43	14° 8	17°38	16°50	15°16	2°48	7° 0	13°53	15°19	24°34	16°33	S 4
M 5	12 54 21	15°29'27	17°22	19°23	6°55	14°51	17°51	16°46	15°20	2°50	7° 0	13°50	15°16	24°41	16°35	M 5
T 6	12 58 17	16°28'39	0♉ 3	19°58	8° 6	15°34	18° 4	16°43	15°23	2°52	6°59	13°47	15°13	24°48	16°36	T 6
W 7	13 2 14	17°27'48	12°29	20°37	9°17	16°17	18°17	16°39	15°26	2°54	6°59	13°D47	15°10	24°54	16°38	W 7
T 8	13 6 10	18°26'56	24°41	21°19	10°28	17° 0	18°30	16°35	15°29	2°57	6°59	13°47	15° 6	25° 1	16°40	T 8
F 9	13 10 7	19°26'01	6♊43	22° 5	11°40	17°43	18°44	16°32	15°32	2°59	6°58	13°48	15° 3	25° 8	16°41	F 9
S 10	13 14 4	20°25'04	18°36	22°55	12°51	18°26	18°57	16°28	15°35	3° 1	6°58	13°50	15° 0	25°15	16°43	S 10
S 11	13 18 0	21°24'05	0♋26	23°47	14° 2	19° 9	19°11	16°24	15°39	3° 3	6°58	13°52	14°57	25°21	16°45	S 11
M12	13 21 57	22°23'04	12°17	24°43	15°14	19°52	19°24	16°20	15°42	3° 5	6°58	13°53	14°54	25°28	16°47	M12
T 13	13 25 53	23°22'01	24°14	25°42	16°25	20°34	19°38	16°16	15°45	3° 8	6°58	13°R53	14°50	25°35	16°49	T 13
W14	13 29 50	24°20'55	6♌21	26°43	17°37	21°17	19°51	16°12	15°48	3°10	6°57	13°53	14°47	25°41	16°52	W14
T 15	13 33 46	25°19'46	18°43	27°48	18°48	22° 0	20° 5	16° 8	15°52	3°12	6°57	13°51	14°44	25°48	16°54	T 15
F 16	13 37 43	26°18'36	1♍25	28°54	20° 0	22°42	20°18	16° 4	15°55	3°14	6°57	13°49	14°41	25°55	16°56	F 16
S 17	13 41 39	27°17'23	14°28	0♈ 3	21°12	23°25	20°32	16° 0	15°58	3°16	6°57	13°47	14°38	26° 1	16°59	S 17
S 18	13 45 36	28°16'08	27°54	1°15	22°23	24° 7	20°46	15°56	16° 2	3°18	6°57	13°45	14°35	26° 8	17° 1	S 18
M19	13 49 33	29°14'51	11♎43	2°28	23°35	24°50	20°59	15°51	16° 5	3°20	6°D57	13°43	14°31	26°15	17° 4	M19
T 20	13 53 29	0♉13'32	25°52	3°44	24°47	25°32	21°13	15°47	16° 8	3°22	6°57	13°42	14°28	26°21	17° 7	T 20
W21	13 57 26	1°12'11	10♏18	5° 2	25°58	26°14	21°27	15°43	16°12	3°25	6°57	13°D41	14°25	26°28	17° 9	W21
T 22	14 1 22	2°10'48	24°55	6°22	27°10	26°57	21°41	15°38	16°15	3°27	6°57	13°41	14°22	26°35	17°12	T 22
F 23	14 5 19	3° 9'24	9♐36	7°44	28°22	27°39	21°55	15°34	16°18	3°29	6°57	13°42	14°19	26°41	17°15	F 23
S 24	14 9 15	4° 7'58	24°15	9° 8	29°34	28°21	22° 8	15°30	16°22	3°31	6°57	13°43	14°16	26°48	17°18	S 24
S 25	14 13 12	5° 6'30	8♑46	10°34	0♈46	29° 3	22°22	15°25	16°25	3°33	6°58	13°44	14°12	26°55	17°22	S 25
M26	14 17 8	6° 5'00	23° 6	12° 2	1°57	29°45	22°36	15°21	16°29	3°35	6°58	13°44	14° 9	27° 1	17°25	M26
T 27	14 21 5	7° 3'29	7♒12	13°32	3° 9	0♊28	22°50	15°16	16°32	3°37	6°58	13°R44	14° 6	27° 8	17°28	T 27
W28	14 25 2	8° 1'57	21° 2	15° 3	4°21	1°10	23° 4	15°12	16°36	3°39	6°58	13°44	14° 3	27°15	17°31	W28
T 29	14 28 58	9° 0'22	4♓36	16°37	5°33	1°52	23°18	15° 7	16°39	3°41	6°58	13°44	14° 0	27°21	17°35	T 29
F 30	14 32 55	9♉58'46	17♓54	18♈12	6♈45	2♊34	23♉32	15♏ 3	16♉42	3♈43	6♌59	13♉43	13♉56	27♊28	17♋38	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n34	18s17	5s 7	4s49	0s 0	11s 9	0s30	15n38	0n14	16n 5	0s50	14s26	2n34	16n 1	0s21	0s 6	1s16	23n 6	4n46	16n 4	16n28	26n31	15n31	6s56
F 2	4 57	13 4	4 46	4 55	0 14	10 47	0 33	15 52	0 14	16 9	0 50	14 25	2 35	16 2	0 21	0 5	1 16	23 6	4 46	16 2	16 27	26 32	15 31	6 56
S 3	5 20	7 17	4 9	4 59	0 27	10 24	0 37	16 5	0 15	16 13	0 50	14 23	2 35	16 3	0 21	0 4	1 16	23 6	4 46	16 1	16 26	26 33	15 32	6 55
S 4	5 43	1 18	3 19	5 0	0 39	10 1	0 40	16 19	0 16	16 16	0 50	14 22	2 35	16 4	0 21	0 3	1 16	23 6	4 46	15 59	16 25	26 34	15 32	6 54
M 5	6 6	4n39	2 20	4 59	0 51	9 38	0 43	16 32	0 16	16 20	0 50	14 21	2 35	16 5	0 21	0 3	1 16	23 7	4 46	15 58	16 24	26 35	15 32	6 54
T 6	6 28	10 19	1 15	4 56	1 2	9 14	0 46	16 45	0 17	16 24	0 50	14 20	2 35	16 6	0 21	0 2	1 16	23 7	4 46	15 58	16 23	26 36	15 33	6 53
W 7	6 51	15 27	0 7	4 50	1 13	8 50	0 49	16 58	0 18	16 28	0 50	14 19	2 35	16 7	0 21	0 1	1 16	23 7	4 46	15 58	16 22	26 37	15 33	6 53
T 8	7 13	19 53	1n 0	4 43	1 23	8 26	0 52	17 11	0 18	16 32	0 49	14 18	2 35	16 8	0 21	0n 0	1 16	23 7	4 45	15 58	16 21	26 38	15 34	6 52
F 9	7 36	23 26	2 3	4 33	1 33	8 2	0 55	17 24	0 19	16 35	0 49	14 17	2 35	16 9	0 21	0 1	1 16	23 7	4 45	15 58	16 20	26 39	15 34	6 51
S 10	7 58	25 55	3 0	4 22	1 41	7 37	0 57	17 37	0 19	16 39	0 49	14 16	2 36	16 10	0 21	0 2	1 16	23 7	4 45	15 59	16 19	26 39	15 34	6 51
S 11	8 20	27 14	3 49	4 8	1 50	7 12	1 0	17 49	0 20	16 43	0 49	14 14	2 36	16 10	0 21	0 3	1 16	23 7	4 45	15 59	16 18	26 40	15 35	6 50
M12	8 42	27 19	4 29	3 53	1 57	6 47	1 3	18 1	0 21	16 47	0 49	14 13	2 36	16 11	0 21	0 4	1 16	23 7	4 45	15 59	16 17	26 41	15 35	6 50
T 13	9 4	26 7	4 57	3 37	2 4	6 21	1 5	18 13	0 21	16 50	0 49	14 12	2 36	16 12	0 21	0 4	1 16	23 7	4 45	16 0	16 16	26 42	15 35	6 49
W14	9 26	23 43	5 13	3 18	2 11	5 56	1 8	18 25	0 22	16 54	0 49	14 11	2 36	16 13	0 21	0 5	1 16	23 7	4 45	15 59	16 16	26 43	15 36	6 49
T 15	9 47	20 10	5 14	2 58	2 17	5 30	1 10	18 37	0 23	16 58	0 49	14 9	2 36	16 14	0 21	0 6	1 16	23 7	4 45	15 59	16 15	26 44	15 36	6 48
F 16	10 9	15 39	5 1	2 36	2 22	5 4	1 13	18 48	0 23	17 2	0 48	14 8	2 36	16 15	0 21	0 7	1 17	23 7	4 45	15 58	16 14	26 45	15 36	6 47
S 17	10 30	10 17	4 32	2 13	2 27	4 38	1 15	18 59	0 24	17 5	0 48	14 7	2 36	16 16	0 21	0 8	1 17	23 7	4 45	15 58	16 13	26 46	15 37	6 47
S 18	10 51	4 18	3 47	1 49	2 31	4 12	1 17	19 11	0 24	17 9	0 48	14 6	2 36	16 17	0 21	0 8	1 17	23 7	4 45	15 57	16 12	26 47	15 37	6 46
M19	11 12	2s 3	2 48	1 23	2 34	3 45	1 19	19 22	0 25	17 13	0 48	14 4	2 36	16 18	0 21	0 9	1 17	23 6	4 45	15 56	16 11	26 47	15 37	6 46
T 20	11 32	8 29	1 37	0 55	2 37	3 19	1 21	19 32	0 25	17 17	0 48	14 3	2 36	16 19	0 21	0 10	1 17	23 6	4 45	15 56	16 10	26 48	15 37	6 45
W21	11 53	14 36	0 19	0 27	2 40	2 52	1 23	19 43	0 26	17 20	0 48	14 2	2 36	16 20	0 21	0 11	1 17	23 6	4 45	15 56	16 9	26 49	15 38	6 44
T 22	12 13	19 59	1s 2	0n 3	2 42	2 25	1 25	19 53	0 27	17 24	0 48	14 1	2 36	16 21	0 21	0 12	1 17	23 6	4 45	15 56	16 8	26 50	15 38	6 44
F 23	12 33	24 9	2 19	0 34	2 43	1 58	1 27	20 4	0 27	17 28	0 48	13 59	2 36	16 22	0 21	0 12	1 17	23 6	4 45	15 56	16 7	26 51	15 38	6 43
S 24	12 53	26 44	3 26	1 7	2 44	1 31	1 28	20 14	0 28	17 31	0 47	13 58	2 36	16 23	0 21	0 13	1 17	23 6	4 45	15 56	16 6	26 52	15 38	6 43
S 25	13 13	27 27	4 20	1 40	2 44	1 4	1 30	20 23	0 28	17 35	0 47	13 57	2 36	16 24	0 21	0 14	1 17	23 6	4 45	15 57	16 5	26 52	15 38	6 42
M26	13 32	26 19	4 57	2 15	2 43	0 37	1 31	20 33	0 29	17 39	0 47	13 55	2 37	16 25	0 21	0 15	1 17	23 6	4 44	15 57	16 4	26 53	15 39	6 42
T 27	13 51	23 32	5 15	2 50	2 42	0 10	1 33	20 42	0 29	17 42	0 47	13 54	2 37	16 26	0 21	0 16	1 17	23 6	4 44	15 57	16 3	26 54	15 39	6 41
W28	14 10	19 26	5 15	3 27	2 41	0n17	1 34	20 52	0 30	17 46	0 47	13 53	2 37	16 27	0 21	0 16	1 17	23 6	4 44	15 57	16 2	26 55	15 39	6 41
T 29	14 29	14 25	4 56	4 5	2 39	0 45	1 35	21 1	0 31	17 49	0 47	13 52	2 37	16 28	0 21	0 17	1 17	23 6	4 44	15 57	16 1	26 56	15 39	6 40
F 30	14n48	8s49	4s23	4n43	2s36	1n12	1s37	21n10	0n31	17n53	0s47	13s50	2n37	16n29	0s21	0n18	1s17	23n 5	4n44	15n57	16n 0	26n56	15n39	6s40

Julian Day Number = 2521031.5, Delta T = 153.77 sec
Ecliptic obliquity = 23°24'59, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°23'56, Lahiri = 26°30'57

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2190
geocentric

MAY 2190 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 36 51	10♉57'09	0♈56	19♈49	7♈57	3♊15	23♉46	14°R58	16♉46	3♈44	6♌59	13°R43	13♉53	27♊35	17♋42	S 1
S 2	14 40 48	11°55'30	13°45	21°28	9° 9	3°57	24° 1	14♏54	16°49	3°46	6°59	13♉43	13°50	27°41	17°46	S 2
M 3	14 44 44	12°53'49	26°21	23° 8	10°21	4°39	24°15	14°49	16°53	3°48	7° 0	13°42	13°47	27°48	17°49	M 3
T 4	14 48 41	13°52'06	8♉44	24°51	11°33	5°21	24°29	14°45	16°56	3°50	7° 0	13°42	13°44	27°55	17°53	T 4
W 5	14 52 37	14°50'22	20°57	26°35	12°46	6° 3	24°43	14°40	17° 0	3°52	7° 0	13°42	13°41	28° 2	17°57	W 5
T 6	14 56 34	15°48'36	3♊ 1	28°21	13°58	6°44	24°57	14°36	17° 3	3°54	7° 1	13°42	13°37	28° 8	18° 1	T 6
F 7	15 0 31	16°46'48	14°57	0♉ 9	15°10	7°26	25°11	14°31	17° 7	3°55	7° 1	13°42	13°34	28°15	18° 5	F 7
S 8	15 4 27	17°44'59	26°49	1°58	16°22	8° 8	25°25	14°27	17°10	3°57	7° 2	13°42	13°31	28°22	18° 9	S 8
S 9	15 8 24	18°43'08	8♋39	3°50	17°34	8°49	25°39	14°22	17°14	3°59	7° 2	13°41	13°28	28°28	18°13	S 9
M10	15 12 20	19°41'14	20°30	5°43	18°46	9°31	25°54	14°18	17°17	4° 1	7° 3	13°40	13°25	28°35	18°18	M10
T 11	15 16 17	20°39'19	2♌26	7°38	19°59	10°12	26° 8	14°13	17°21	4° 2	7° 3	13°40	13°22	28°42	18°22	T 11
W12	15 20 13	21°37'22	14°32	9°35	21°11	10°54	26°22	14° 9	17°24	4° 4	7° 4	13°39	13°18	28°48	18°26	W12
T 13	15 24 10	22°35'23	26°52	11°34	22°23	11°35	26°36	14° 4	17°27	4° 6	7° 5	13°D39	13°15	28°55	18°31	T 13
F 14	15 28 6	23°33'23	9♍30	13°34	23°35	12°16	26°50	14° 0	17°31	4° 7	7° 5	13°40	13°12	29° 2	18°35	F 14
S 15	15 32 3	24°31'20	22°29	15°37	24°48	12°58	27° 5	13°55	17°34	4° 9	7° 6	13°40	13° 9	29° 8	18°40	S 15
S 16	15 36 0	25°29'15	5♎54	17°40	26° 0	13°39	27°19	13°51	17°38	4°11	7° 7	13°41	13° 6	29°15	18°44	S 16
M17	15 39 56	26°27'09	19°45	19°46	27°12	14°20	27°33	13°46	17°41	4°12	7° 7	13°42	13° 2	29°22	18°49	M17
T 18	15 43 53	27°25'01	4♏ 1	21°52	28°25	15° 1	27°47	13°42	17°45	4°14	7° 8	13°43	12°59	29°28	18°54	T 18
W19	15 47 49	28°22'52	18°39	24° 0	29°37	15°42	28° 1	13°38	17°48	4°15	7° 9	13°R43	12°56	29°35	18°58	W19
T 20	15 51 46	29°20'41	3♐34	26°10	0♉49	16°23	28°16	13°33	17°52	4°17	7° 9	13°42	12°53	29°42	19° 3	T 20
F 21	15 55 42	0♊18'28	18°37	28°20	2° 2	17° 4	28°30	13°29	17°55	4°18	7°10	13°41	12°50	29°48	19° 8	F 21
S 22	15 59 39	1°16'15	3♑40	0♊30	3°14	17°45	28°44	13°25	17°58	4°20	7°11	13°39	12°47	29°55	19°13	S 22
S 23	16 3 35	2°14'00	18°34	2°42	4°26	18°26	28°58	13°21	18° 2	4°21	7°12	13°37	12°43	0♋ 2	19°18	S 23
M24	16 7 32	3°11'44	3♒12	4°53	5°39	19° 7	29°12	13°17	18° 5	4°23	7°13	13°35	12°40	0° 9	19°23	M24
T 25	16 11 29	4° 9'27	17°29	7° 5	6°51	19°48	29°27	13°12	18° 9	4°24	7°14	13°33	12°37	0°15	19°28	T 25
W26	16 15 25	5° 7'09	1♓22	9°16	8° 4	20°29	29°41	13° 8	18°12	4°25	7°15	13°D32	12°34	0°22	19°34	W26
T 27	16 19 22	6° 4'50	14°52	11°27	9°16	21°10	29°55	13° 4	18°15	4°27	7°16	13°33	12°31	0°29	19°39	T 27
F 28	16 23 18	7° 2'30	28° 0	13°37	10°29	21°51	0♊ 9	13° 0	18°19	4°28	7°17	13°34	12°28	0°35	19°44	F 28
S 29	16 27 15	8° 0'09	10♈48	15°45	11°41	22°31	0°23	12°57	18°22	4°29	7°17	13°35	12°24	0°42	19°50	S 29
S 30	16 31 11	8°57'46	23°21	17°53	12°54	23°12	0°37	12°53	18°25	4°30	7°18	13°37	12°21	0°49	19°55	S 30
M31	16 35 8	9♊55'23	5♉40	19♊59	14♉ 6	23♊53	0♊51	12♏49	18♉28	4♈32	7♌20	13♉38	12♉18	0♋55	20♋ 0	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	15n 6	2s55	3s36	5n22	2s33	1n39	1s38	21n18	0n32	17n57	0s47	13s49	2n37	16n30	0s21	0n19	1s17	23n 5	4n44	15n56	16n 0	26n57	15n39	6s39	S 1
S 2	15 24	2n59	2 39	6 3	2 30	2 7	1 39	21 27	0 32	18 0	0 47	13 48	2 37	16 31	0 21	0 19	1 17	23 5	4 44	15 56	15 59	26 58	15 39	6 39	S 2
M 3	15 42	8 41	1 35	6 44	2 26	2 34	1 40	21 35	0 33	18 4	0 47	13 46	2 37	16 32	0 21	0 20	1 17	23 5	4 44	15 56	15 58	26 59	15 39	6 38	M 3
T 4	15 59	13 58	0 28	7 25	2 21	3 1	1 41	21 43	0 33	18 7	0 46	13 45	2 37	16 33	0 21	0 21	1 17	23 5	4 44	15 56	15 57	26 59	15 39	6 38	T 4
W 5	16 16	18 37	0n40	8 8	2 16	3 29	1 41	21 51	0 34	18 11	0 46	13 44	2 36	16 34	0 21	0 21	1 17	23 5	4 44	15 56	15 56	27 0	15 39	6 37	W 5
T 6	16 33	22 28	1 45	8 51	2 10	3 56	1 42	21 59	0 34	18 14	0 46	13 42	2 36	16 35	0 21	0 22	1 17	23 5	4 44	15 56	15 55	27 1	15 39	6 37	T 6
F 7	16 50	25 18	2 45	9 34	2 4	4 23	1 43	22 6	0 35	18 18	0 46	13 41	2 36	16 36	0 21	0 23	1 17	23 4	4 44	15 56	15 54	27 2	15 39	6 36	F 7
S 8	17 6	27 0	3 37	10 18	1 58	4 50	1 43	22 13	0 35	18 21	0 46	13 40	2 36	16 37	0 21	0 23	1 17	23 4	4 44	15 56	15 53	27 2	15 39	6 36	S 8
S 9	17 23	27 27	4 20	11 3	1 51	5 18	1 44	22 20	0 36	18 25	0 46	13 39	2 36	16 38	0 21	0 24	1 17	23 4	4 44	15 56	15 52	27 3	15 39	6 35	S 9
M10	17 38	26 39	4 52	11 48	1 43	5 45	1 44	22 27	0 36	18 28	0 46	13 37	2 36	16 39	0 21	0 25	1 17	23 4	4 44	15 56	15 51	27 4	15 39	6 35	M10
T 11	17 54	24 38	5 11	12 33	1 35	6 12	1 44	22 34	0 37	18 31	0 46	13 36	2 36	16 40	0 21	0 25	1 17	23 4	4 44	15 55	15 50	27 4	15 39	6 34	T 11
W12	18 9	21 30	5 17	13 18	1 27	6 38	1 45	22 40	0 37	18 35	0 46	13 35	2 36	16 41	0 21	0 26	1 17	23 3	4 44	15 55	15 49	27 5	15 39	6 34	W12
T 13	18 24	17 23	5 9	14 3	1 18	7 5	1 45	22 46	0 38	18 38	0 46	13 34	2 36	16 42	0 21	0 27	1 17	23 3	4 44	15 55	15 48	27 6	15 39	6 33	T 13
F 14	18 39	12 24	4 45	14 48	1 9	7 32	1 45	22 52	0 38	18 42	0 46	13 32	2 36	16 43	0 21	0 27	1 17	23 3	4 44	15 55	15 47	27 6	15 38	6 33	F 14
S 15	18 53	6 46	4 7	15 33	0 59	7 58	1 45	22 58	0 39	18 45	0 46	13 31	2 36	16 44	0 21	0 28	1 17	23 3	4 43	15 56	15 46	27 7	15 38	6 32	S 15
S 16	19 7	0 38	3 14	16 18	0 49	8 24	1 45	23 4	0 39	18 48	0 45	13 30	2 36	16 45	0 21	0 28	1 17	23 3	4 43	15 56	15 45	27 8	15 38	6 32	S 16
M17	19 21	5s43	2 9	17 2	0 39	8 51	1 44	23 9	0 40	18 51	0 45	13 29	2 36	16 46	0 21	0 29	1 18	23 2	4 43	15 56	15 44	27 8	15 38	6 31	M17
T 18	19 34	12 0	0 53	17 45	0 29	9 16	1 44	23 14	0 40	18 55	0 45	13 27	2 36	16 47	0 21	0 30	1 18	23 2	4 43	15 56	15 43	27 9	15 38	6 31	T 18
W19	19 47	17 48	0s27	18 27	0 19	9 42	1 44	23 19	0 41	18 58	0 45	13 26	2 36	16 48	0 21	0 30	1 18	23 2	4 43	15 56	15 42	27 10	15 38	6 31	W19
T 20	19 59	22 36	1 48	19 8	0 8	10 8	1 44	23 24	0 41	19 1	0 45	13 25	2 35	16 49	0 21	0 31	1 18	23 2	4 43	15 56	15 41	27 10	15 37	6 30	T 20
F 21	20 12	25 56	3 1	19 48	0n 2	10 33	1 43	23 29	0 41	19 4	0 45	13 24	2 35	16 50	0 21	0 31	1 18	23 1	4 43	15 56	15 40	27 11	15 37	6 30	F 21
S 22	20 24	27 24	4 2	20 27	0 13	10 58	1 42	23 33	0 42	19 8	0 45	13 23	2 35	16 51	0 20	0 32	1 18	23 1	4 43	15 55	15 39	27 12	15 37	6 29	S 22
S 23	20 35	26 51	4 46	21 4	0 23	11 23	1 42	23 37	0 42	19 11	0 45	13 22	2 35	16 51	0 20	0 32	1 18	23 1	4 43	15 55	15 39	27 12	15 36	6 29	S 23
M24	20 47	24 27	5 10	21 38	0 34	11 48	1 41	23 41	0 43	19 14	0 45	13 21	2 35	16 52	0 20	0 33	1 18	23 1	4 43	15 54	15 38	27 13	15 36	6 29	M24
T 25	20 57	20 34	5 15	22 11	0 44	12 12	1 40	23 45	0 43	19 17	0 45	13 20	2 35	16 53	0 20	0 33	1 18	23 0	4 43	15 53	15 37	27 13	15 36	6 28	T 25
W26	21 8	15 39	5 0	22 42	0 53	12 37	1 40	23 48	0 44	19 20	0 45	13 18	2 35	16 54	0 20	0 34	1 18	23 0	4 43	15 53	15 36	27 14	15 35	6 28	W26
T 27	21 18	10 6	4 30	23 10	1 3	13 1	1 39	23 51	0 44	19 23	0 45	13 17	2 35	16 55	0 20	0 34	1 18	23 0	4 43	15 53	15 35	27 15	15 35	6 28	T 27
F 28	21 28	4 15	3 45	23 36	1 11	13 24	1 38	23 54	0 45	19 26	0 45	13 16	2 34	16 56	0 20	0 35	1 18	22 59	4 43	15 54	15 34	27 15	15 35	6 27	F 28
S 29	21 37	1n39	2 51	23 59	1 20	13 47	1 37	23 57	0 45	19 29	0 45	13 15	2 34	16 57	0 20	0 35	1 18	22 59	4 43	15 54	15 33	27 16	15 34	6 27	S 29
S 30	21 46	7 22	1 49	24 19	1 28	14 10	1 36	24 0	0 45	19 32	0 45	13 14	2 34	16 58	0 20	0 36	1 18	22 59	4 43	15 55	15 32	27 16	15 34	6 26	S 30
M31	21n55	12n43	0s44	24n37	1n35	14n33	1s34	24n 2	0n46	19n35	0s44	13s13	2n34	16n59	0s20	0n36	1s18	22n59	4n43	15n55	15n31	27n17	15n34	6s26	M31

Julian Day Number = 2521061.5, Delta T = 153.84 sec
Ecliptic obliquity = 23°24'59, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°24'00, Lahiri = 26°31'01

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2190
geocentric

JUNE 2190 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 39 4	10♊52'59	17♉49	22♊ 3	15♉19	24♊33	1♊ 6	12°R45	18♉32	4♈33	7♘21	13°R38	12♉15	1♋ 2	20♋ 6	T 1
W 2	16 43 1	11°50'34	29°50	24° 5	16°31	25°14	1°20	12♏41	18°35	4°34	7°22	13♉37	12°12	1° 9	20°11	W 2
T 3	16 46 58	12°48'08	11♊45	26° 4	17°44	25°54	1°34	12°38	18°38	4°35	7°23	13°34	12° 8	1°15	20°17	T 3
F 4	16 50 54	13°45'41	23°37	28° 2	18°57	26°35	1°48	12°34	18°42	4°36	7°24	13°30	12° 5	1°22	20°23	F 4
S 5	16 54 51	14°43'13	5♋27	29°57	20° 9	27°15	2° 2	12°31	18°45	4°37	7°25	13°25	12° 2	1°29	20°28	S 5
S 6	16 58 47	15°40'44	17°17	1♋50	21°22	27°56	2°16	12°27	18°48	4°38	7°26	13°20	11°59	1°36	20°34	S 6
M 7	17 2 44	16°38'13	29°10	3°40	22°34	28°36	2°30	12°24	18°51	4°39	7°27	13°14	11°56	1°42	20°40	M 7
T 8	17 6 40	17°35'42	11♌ 8	5°28	23°47	29°17	2°44	12°21	18°54	4°40	7°28	13° 9	11°53	1°49	20°46	T 8
W 9	17 10 37	18°33'09	23°15	7°13	25° 0	29°57	2°58	12°17	18°57	4°41	7°30	13° 5	11°49	1°56	20°51	W 9
T 10	17 14 34	19°30'35	5♍34	8°56	26°12	0♋37	3°11	12°14	19° 0	4°42	7°31	13° 2	11°46	2° 2	20°57	T 10
F 11	17 18 30	20°28'00	18° 8	10°35	27°25	1°17	3°25	12°11	19° 4	4°43	7°32	13°D 1	11°43	2° 9	21° 3	F 11
S 12	17 22 27	21°25'24	1♎ 2	12°12	28°38	1°58	3°39	12° 8	19° 7	4°44	7°33	13° 1	11°40	2°16	21° 9	S 12
S 13	17 26 23	22°22'46	14°20	13°47	29°51	2°38	3°53	12° 5	19°10	4°44	7°35	13° 3	11°37	2°22	21°15	S 13
M14	17 30 20	23°20'08	28° 4	15°18	1♊ 3	3°18	4° 7	12° 2	19°13	4°45	7°36	13° 4	11°33	2°29	21°21	M14
T 15	17 34 16	24°17'28	12♏16	16°47	2°16	3°58	4°20	12° 0	19°16	4°46	7°37	13°R 5	11°30	2°36	21°27	T 15
W16	17 38 13	25°14'48	26°53	18°13	3°29	4°38	4°34	11°57	19°19	4°47	7°38	13° 4	11°27	2°42	21°33	W16
T 17	17 42 9	26°12'07	11♐52	19°36	4°42	5°18	4°48	11°54	19°22	4°47	7°40	13° 1	11°24	2°49	21°39	T 17
F 18	17 46 6	27° 9'25	27° 4	20°56	5°54	5°58	5° 1	11°52	19°24	4°48	7°41	12°57	11°21	2°56	21°45	F 18
S 19	17 50 3	28° 6'43	12♑21	22°14	7° 7	6°38	5°15	11°49	19°27	4°49	7°43	12°51	11°18	3° 3	21°52	S 19
S 20	17 53 59	29° 4'00	27°31	23°28	8°20	7°18	5°29	11°47	19°30	4°49	7°44	12°44	11°14	3° 9	21°58	S 20
M21	17 57 56	0♋ 1'17	12♒25	24°40	9°33	7°58	5°42	11°45	19°33	4°50	7°45	12°38	11°11	3°16	22° 4	M21
T 22	18 1 52	0°58'33	26°55	25°48	10°46	8°38	5°56	11°43	19°36	4°50	7°47	12°32	11° 8	3°23	22°10	T 22
W23	18 5 49	1°55'49	10♓57	26°53	11°59	9°18	6° 9	11°40	19°39	4°51	7°48	12°28	11° 5	3°29	22°17	W23
T 24	18 9 45	2°53'04	24°31	27°55	13°12	9°57	6°22	11°38	19°41	4°51	7°50	12°26	11° 2	3°36	22°23	T 24
F 25	18 13 42	3°50'20	7♈38	28°54	14°25	10°37	6°36	11°37	19°44	4°52	7°51	12°D26	10°59	3°43	22°29	F 25
S 26	18 17 38	4°47'35	20°21	29°49	15°38	11°17	6°49	11°35	19°47	4°52	7°53	12°27	10°55	3°49	22°36	S 26
S 27	18 21 35	5°44'50	2♉46	0♌41	16°51	11°57	7° 2	11°33	19°49	4°52	7°54	12°28	10°52	3°56	22°42	S 27
M28	18 25 32	6°42'05	14°56	1°29	18° 4	12°36	7°15	11°31	19°52	4°53	7°56	12°R28	10°49	4° 3	22°48	M28
T 29	18 29 28	7°39'20	26°56	2°14	19°17	13°16	7°29	11°30	19°55	4°53	7°57	12°27	10°46	4° 9	22°55	T 29
W30	18 33 25	8♋36'35	8♊50	2♌55	20♊30	13♋56	7♊42	11♏28	19♉57	4♈53	7♘59	12♉24	10♉43	4♋16	23♋ 1	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n 3	17n29	0n23	24n52	1n41	14n56	1s33	24n 4	0n46	19n38	0s44	13s12	2n34	17n 0	0s20	0n36	1s18	22n58	4n43	15n55	15n30	27n17	15n33	6s26
W 2	22 11	21 31	1 28	25 4	1 47	15 18	1 32	24 6	0 47	19 41	0 44	13 11	2 34	17 1	0 20	0 37	1 18	22 58	4 43	15 55	15 29	27 18	15 33	6 25
T 3	22 19	24 37	2 28	25 13	1 52	15 39	1 31	24 8	0 47	19 44	0 44	13 10	2 34	17 2	0 20	0 37	1 18	22 58	4 43	15 54	15 28	27 18	15 32	6 25
F 4	22 26	26 37	3 21	25 20	1 56	16 0	1 29	24 10	0 47	19 47	0 44	13 10	2 33	17 2	0 20	0 38	1 18	22 57	4 43	15 53	15 27	27 19	15 32	6 25
S 5	22 33	27 24	4 6	25 25	2 0	16 21	1 28	24 11	0 48	19 50	0 44	13 9	2 33	17 3	0 20	0 38	1 18	22 57	4 43	15 51	15 26	27 19	15 31	6 24
S 6	22 39	26 56	4 40	25 27	2 3	16 42	1 26	24 12	0 48	19 52	0 44	13 8	2 33	17 4	0 20	0 38	1 18	22 57	4 43	15 49	15 25	27 20	15 31	6 24
M 7	22 45	25 14	5 2	25 26	2 5	17 2	1 25	24 13	0 49	19 55	0 44	13 7	2 33	17 5	0 20	0 39	1 18	22 56	4 43	15 48	15 24	27 20	15 30	6 24
T 8	22 50	22 24	5 11	25 24	2 6	17 22	1 23	24 14	0 49	19 58	0 44	13 6	2 33	17 6	0 20	0 39	1 19	22 56	4 43	15 46	15 23	27 21	15 30	6 24
W 9	22 55	18 34	5 6	25 19	2 6	17 41	1 21	24 14	0 49	20 1	0 44	13 5	2 32	17 7	0 20	0 39	1 19	22 56	4 42	15 45	15 22	27 21	15 29	6 23
T 10	23 0	13 55	4 48	25 13	2 6	18 0	1 20	24 15	0 50	20 3	0 44	13 5	2 32	17 8	0 20	0 40	1 19	22 55	4 42	15 44	15 21	27 22	15 28	6 23
F 11	23 4	8 36	4 15	25 4	2 5	18 18	1 18	24 15	0 50	20 6	0 44	13 4	2 32	17 8	0 20	0 40	1 19	22 55	4 42	15 44	15 20	27 22	15 28	6 23
S 12	23 8	2 47	3 29	24 54	2 3	18 36	1 16	24 15	0 51	20 9	0 44	13 3	2 32	17 9	0 20	0 40	1 19	22 55	4 42	15 44	15 19	27 23	15 27	6 23
S 13	23 12	3s21	2 30	24 42	2 0	18 53	1 14	24 14	0 51	20 11	0 44	13 2	2 32	17 10	0 20	0 41	1 19	22 54	4 42	15 44	15 18	27 23	15 26	6 22
M14	23 15	9 31	1 21	24 29	1 57	19 10	1 12	24 14	0 51	20 14	0 44	13 2	2 31	17 11	0 20	0 41	1 19	22 54	4 42	15 45	15 17	27 23	15 26	6 22
T 15	23 18	15 26	0 4	24 14	1 53	19 27	1 10	24 13	0 52	20 16	0 44	13 1	2 31	17 12	0 20	0 41	1 19	22 54	4 42	15 45	15 16	27 24	15 25	6 22
W16	23 20	20 39	1s14	23 58	1 48	19 43	1 8	24 12	0 52	20 19	0 44	13 1	2 31	17 13	0 20	0 41	1 19	22 53	4 42	15 45	15 15	27 24	15 24	6 22
T 17	23 22	24 39	2 29	23 41	1 43	19 58	1 6	24 11	0 52	20 21	0 44	13 0	2 31	17 13	0 20	0 42	1 19	22 53	4 42	15 44	15 14	27 25	15 24	6 21
F 18	23 23	26 58	3 35	23 23	1 36	20 13	1 4	24 10	0 53	20 24	0 44	12 59	2 31	17 14	0 20	0 42	1 19	22 52	4 42	15 43	15 13	27 25	15 23	6 21
S 19	23 24	27 15	4 26	23 3	1 30	20 27	1 2	24 8	0 53	20 26	0 44	12 59	2 30	17 15	0 20	0 42	1 19	22 52	4 42	15 41	15 12	27 26	15 22	6 21
S 20	23 25	25 29	4 57	22 44	1 22	20 41	1 0	24 6	0 53	20 29	0 44	12 58	2 30	17 16	0 20	0 42	1 19	22 52	4 42	15 39	15 11	27 26	15 22	6 21
M21	23 25	21 59	5 8	22 23	1 14	20 55	0 58	24 4	0 54	20 31	0 44	12 58	2 30	17 16	0 20	0 42	1 19	22 51	4 42	15 37	15 10	27 26	15 21	6 21
T 22	23 25	17 12	4 58	22 2	1 5	21 7	0 56	24 2	0 54	20 34	0 44	12 57	2 30	17 17	0 20	0 43	1 19	22 51	4 42	15 35	15 9	27 27	15 20	6 20
W23	23 24	11 38	4 31	21 40	0 55	21 19	0 53	24 0	0 54	20 36	0 43	12 57	2 29	17 18	0 20	0 43	1 19	22 51	4 42	15 34	15 8	27 27	15 19	6 20
T 24	23 23	5 41	3 49	21 18	0 45	21 31	0 51	23 57	0 55	20 38	0 43	12 57	2 29	17 19	0 20	0 43	1 19	22 50	4 42	15 33	15 7	27 27	15 18	6 20
F 25	23 22	0n19	2 56	20 56	0 35	21 42	0 49	23 54	0 55	20 41	0 43	12 56	2 29	17 19	0 21	0 43	1 19	22 50	4 42	15 33	15 6	27 28	15 18	6 20
S 26	23 20	6 9	1 56	20 33	0 23	21 52	0 46	23 51	0 55	20 43	0 43	12 56	2 29	17 20	0 21	0 43	1 19	22 49	4 42	15 34	15 5	27 28	15 17	6 20
S 27	23 17	11 36	0 52	20 10	0 12	22 2	0 44	23 48	0 56	20 45	0 43	12 56	2 28	17 21	0 21	0 43	1 19	22 49	4 42	15 34	15 4	27 28	15 16	6 20
M28	23 15	16 31	0n13	19 48	0s 1	22 11	0 42	23 45	0 56	20 47	0 43	12 55	2 28	17 22	0 21	0 43	1 20	22 49	4 42	15 34	15 3	27 29	15 15	6 19
T 29	23 12	20 42	1 17	19 25	0 14	22 20	0 39	23 41	0 56	20 49	0 43	12 55	2 28	17 22	0 21	0 43	1 20	22 48	4 42	15 34	15 2	27 29	15 14	6 19
W30	23n 8	24n 0	2n16	19n 3	0s27	22n28	0s37	23n38	0n57	20n52	0s43	12s55	2n28	17n23	0s21	0n43	1s20	22n48	4n42	15n33	15n 1	27n29	15n13	6s19

Julian Day Number = 2521092.5, Delta T = 153.92 sec
Ecliptic obliquity = 23°24'59, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°24'04, Lahiri = 26°31'05

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2190
geocentric

JULY 2190 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 37 21	9♋33'50	20♊40	3♌32	21♊43	14♋35	7♊55	11°R27	20♉ 0	4♈54	8♌ 0	12°R18	10♉40	4♋23	23♋ 8	T 1
F 2	18 41 18	10°31'05	2♋30	4° 5	22°56	15°15	8° 8	11♏26	20° 2	4°54	8° 2	12♉10	10°36	4°30	23°14	F 2
S 3	18 45 14	11°28'20	14°20	4°33	24° 9	15°54	8°21	11°24	20° 5	4°54	8° 3	12° 0	10°33	4°36	23°21	S 3
S 4	18 49 11	12°25'34	26°14	4°58	25°22	16°34	8°34	11°23	20° 7	4°54	8° 5	11°49	10°30	4°43	23°27	S 4
M 5	18 53 8	13°22'48	8♌12	5°18	26°35	17°13	8°47	11°22	20°10	4°54	8° 6	11°37	10°27	4°50	23°34	M 5
T 6	18 57 4	14°20'02	20°16	5°33	27°48	17°53	8°59	11°21	20°12	4°54	8° 8	11°27	10°24	4°56	23°40	T 6
W 7	19 1 1	15°17'16	2♍29	5°44	29° 1	18°32	9°12	11°21	20°14	4°54	8°10	11°18	10°20	5° 3	23°47	W 7
T 8	19 4 57	16°14'29	14°51	5°51	0♋15	19°12	9°25	11°20	20°17	4°R54	8°11	11°12	10°17	5°10	23°53	T 8
F 9	19 8 54	17°11'43	27°27	5°R52	1°28	19°51	9°37	11°19	20°19	4°54	8°13	11° 8	10°14	5°16	24° 0	F 9
S 10	19 12 50	18° 8'55	10♎20	5°49	2°41	20°30	9°50	11°19	20°21	4°54	8°14	11° 6	10°11	5°23	24° 7	S 10
S 11	19 16 47	19° 6'08	23°32	5°42	3°54	21° 9	10° 2	11°18	20°23	4°54	8°16	11°D 6	10° 8	5°30	24°13	S 11
M12	19 20 43	20° 3'21	7♏ 8	5°29	5° 8	21°49	10°15	11°18	20°25	4°54	8°18	11°R 6	10° 5	5°37	24°20	M12
T 13	19 24 40	21° 0'33	21° 9	5°13	6°21	22°28	10°27	11°18	20°27	4°54	8°19	11° 6	10° 1	5°43	24°26	T 13
W14	19 28 36	21°57'45	5♐35	4°52	7°34	23° 7	10°39	11°18	20°29	4°54	8°21	11° 4	9°58	5°50	24°33	W14
T 15	19 32 33	22°54'58	20°24	4°27	8°48	23°46	10°51	11°D18	20°31	4°53	8°23	10°59	9°55	5°57	24°40	T 15
F 16	19 36 30	23°52'10	5♑31	3°58	10° 1	24°26	11° 4	11°18	20°33	4°53	8°24	10°53	9°52	6° 3	24°46	F 16
S 17	19 40 26	24°49'23	20°45	3°25	11°14	25° 5	11°16	11°18	20°35	4°53	8°26	10°44	9°49	6°10	24°53	S 17
S 18	19 44 23	25°46'36	5♒58	2°50	12°28	25°44	11°28	11°18	20°37	4°53	8°28	10°33	9°46	6°17	24°59	S 18
M19	19 48 19	26°43'49	20°57	2°13	13°41	26°23	11°39	11°18	20°39	4°52	8°29	10°23	9°42	6°23	25° 6	M19
T 20	19 52 16	27°41'02	5♓34	1°34	14°54	27° 2	11°51	11°19	20°41	4°52	8°31	10°14	9°39	6°30	25°13	T 20
W21	19 56 12	28°38'16	19°44	0°53	16° 8	27°41	12° 3	11°19	20°43	4°51	8°33	10° 7	9°36	6°37	25°19	W21
T 22	20 0 9	29°35'31	3♈23	0°13	17°21	28°20	12°15	11°20	20°44	4°51	8°34	10° 3	9°33	6°44	25°26	T 22
F 23	20 4 6	0♌32'46	16°34	29♋32	18°35	28°59	12°26	11°21	20°46	4°51	8°36	10° 1	9°30	6°50	25°33	F 23
S 24	20 8 2	1°30'02	29°19	28°53	19°48	29°38	12°38	11°22	20°48	4°50	8°38	10°D 0	9°26	6°57	25°39	S 24
S 25	20 11 59	2°27'19	11♉43	28°15	21° 2	0♌17	12°49	11°23	20°49	4°50	8°40	10°R 0	9°23	7° 4	25°46	S 25
M26	20 15 55	3°24'37	23°52	27°39	22°16	0°56	13° 1	11°24	20°51	4°49	8°41	10° 0	9°20	7°10	25°52	M26
T 27	20 19 52	4°21'56	5♊49	27° 7	23°29	1°35	13°12	11°25	20°52	4°48	8°43	9°58	9°17	7°17	25°59	T 27
W28	20 23 48	5°19'15	17°40	26°38	24°43	2°14	13°23	11°26	20°54	4°48	8°45	9°53	9°14	7°24	26° 6	W28
T 29	20 27 45	6°16'36	29°29	26°14	25°57	2°52	13°34	11°27	20°55	4°47	8°46	9°46	9°11	7°30	26°12	T 29
F 30	20 31 41	7°13'57	11♋19	25°54	27°10	3°31	13°45	11°29	20°57	4°46	8°48	9°36	9° 7	7°37	26°19	F 30
S 31	20 35 38	8♌11'19	23♋13	25♋39	28♋24	4♌10	13♊56	11♏30	20♉58	4♈46	8♌50	9♉24	9♉ 4	7♋44	26♋25	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n 4	26n14	3n10	18n41	0s41	22n35	0s34	23n34	0n57	20n54	0s43	12s55	2n27	17n24	0s21	0n43	1s20	22n47	4n42	15n31	15n 0	27n30	15n12	6s19
F 2	23 0	27 18	3 54	18 20	0 55	22 42	0 32	23 30	0 57	20 56	0 43	12 55	2 27	17 24	0 21	0 43	1 20	22 47	4 42	15 28	14 59	27 30	15 11	6 19
S 3	22 55	27 6	4 29	17 59	1 9	22 48	0 30	23 25	0 58	20 58	0 43	12 54	2 27	17 25	0 21	0 43	1 20	22 47	4 42	15 25	14 58	27 30	15 10	6 19
S 4	22 50	25 40	4 52	17 39	1 24	22 53	0 27	23 21	0 58	21 0	0 43	12 54	2 27	17 26	0 21	0 43	1 20	22 46	4 42	15 22	14 57	27 30	15 9	6 19
M 5	22 45	23 4	5 3	17 19	1 39	22 58	0 25	23 16	0 58	21 2	0 43	12 54	2 26	17 26	0 21	0 43	1 20	22 46	4 42	15 18	14 56	27 31	15 8	6 19
T 6	22 39	19 27	5 0	17 1	1 54	23 2	0 22	23 11	0 58	21 4	0 43	12 54	2 26	17 27	0 21	0 43	1 20	22 45	4 42	15 15	14 55	27 31	15 7	6 19
W 7	22 32	14 59	4 43	16 43	2 10	23 5	0 20	23 6	0 59	21 6	0 43	12 54	2 26	17 27	0 21	0 43	1 20	22 45	4 42	15 12	14 54	27 31	15 6	6 19
T 8	22 26	9 51	4 13	16 27	2 25	23 8	0 17	23 1	0 59	21 8	0 43	12 54	2 26	17 28	0 21	0 43	1 20	22 45	4 42	15 10	14 53	27 31	15 5	6 19
F 9	22 19	4 14	3 30	16 11	2 41	23 10	0 15	22 56	0 59	21 10	0 43	12 54	2 25	17 29	0 21	0 43	1 20	22 44	4 42	15 9	14 52	27 32	15 4	6 19
S 10	22 11	1s42	2 36	15 57	2 56	23 11	0 12	22 50	1 0	21 11	0 43	12 54	2 25	17 29	0 21	0 43	1 20	22 44	4 42	15 9	14 51	27 32	15 3	6 18
S 11	22 3	7 42	1 32	15 45	3 11	23 12	0 10	22 44	1 0	21 13	0 43	12 55	2 25	17 30	0 21	0 43	1 20	22 43	4 42	15 9	14 50	27 32	15 2	6 18
M12	21 55	13 33	0 21	15 34	3 25	23 12	0 7	22 38	1 0	21 15	0 43	12 55	2 25	17 30	0 21	0 43	1 20	22 43	4 43	15 9	14 49	27 32	15 1	6 18
T 13	21 47	18 53	0s53	15 24	3 39	23 11	0 5	22 32	1 0	21 17	0 43	12 55	2 24	17 31	0 21	0 43	1 20	22 43	4 43	15 9	14 48	27 33	15 0	6 18
W14	21 38	23 17	2 6	15 16	3 52	23 10	0 2	22 26	1 1	21 19	0 43	12 55	2 24	17 31	0 21	0 43	1 20	22 42	4 43	15 8	14 47	27 33	14 59	6 18
T 15	21 28	26 16	3 12	15 10	4 5	23 8	0n 0	22 20	1 1	21 20	0 43	12 55	2 24	17 32	0 21	0 43	1 20	22 42	4 43	15 7	14 46	27 33	14 58	6 18
F 16	21 19	27 24	4 6	15 6	4 16	23 5	0 3	22 13	1 1	21 22	0 43	12 56	2 24	17 32	0 21	0 43	1 20	22 41	4 43	15 4	14 45	27 33	14 57	6 18
S 17	21 9	26 29	4 43	15 3	4 27	23 2	0 5	22 6	1 1	21 24	0 43	12 56	2 23	17 33	0 21	0 42	1 21	22 41	4 43	15 2	14 44	27 33	14 55	6 18
S 18	20 58	23 37	5 0	15 2	4 36	22 58	0 8	21 59	1 2	21 25	0 43	12 56	2 23	17 33	0 21	0 42	1 21	22 41	4 43	14 58	14 43	27 33	14 54	6 18
M19	20 47	19 10	4 56	15 2	4 44	22 53	0 10	21 52	1 2	21 27	0 43	12 57	2 23	17 34	0 21	0 42	1 21	22 40	4 43	14 55	14 42	27 34	14 53	6 18
T 20	20 36	13 41	4 33	15 5	4 50	22 48	0 13	21 45	1 2	21 29	0 43	12 57	2 23	17 34	0 21	0 42	1 21	22 40	4 43	14 52	14 41	27 34	14 52	6 18
W21	20 25	7 38	3 53	15 9	4 55	22 42	0 15	21 37	1 2	21 30	0 43	12 57	2 22	17 35	0 21	0 42	1 21	22 39	4 43	14 50	14 40	27 34	14 51	6 19
T 22	20 13	1 25	3 1	15 14	4 58	22 35	0 18	21 30	1 3	21 32	0 43	12 58	2 22	17 35	0 21	0 41	1 21	22 39	4 43	14 49	14 39	27 34	14 50	6 19
F 23	20 1	4n39	2 1	15 21	4 59	22 27	0 20	21 22	1 3	21 33	0 43	12 58	2 22	17 36	0 21	0 41	1 21	22 38	4 43	14 48	14 38	27 34	14 48	6 19
S 24	19 48	10 21	0 56	15 29	4 59	22 19	0 22	21 14	1 3	21 35	0 43	12 59	2 21	17 36	0 21	0 41	1 21	22 38	4 43	14 48	14 37	27 34	14 47	6 19
S 25	19 36	15 29	0n 9	15 39	4 57	22 11	0 25	21 6	1 3	21 36	0 43	12 59	2 21	17 37	0 21	0 41	1 21	22 38	4 43	14 48	14 36	27 34	14 46	6 19
M26	19 22	19 54	1 13	15 49	4 53	22 1	0 27	20 58	1 4	21 37	0 43	13 0	2 21	17 37	0 21	0 40	1 21	22 37	4 43	14 48	14 35	27 34	14 45	6 19
T 27	19 9	23 25	2 12	16 1	4 47	21 51	0 29	20 50	1 4	21 39	0 43	13 1	2 21	17 37	0 21	0 40	1 21	22 37	4 43	14 47	14 34	27 35	14 43	6 19
W28	18 55	25 55	3 5	16 13	4 40	21 41	0 31	20 41	1 4	21 40	0 43	13 1	2 20	17 38	0 21	0 40	1 21	22 36	4 43	14 46	14 33	27 35	14 42	6 19
T 29	18 41	27 15	3 50	16 26	4 32	21 29	0 34	20 32	1 4	21 42	0 43	13 2	2 20	17 38	0 21	0 40	1 21	22 36	4 43	14 44	14 32	27 35	14 41	6 19
F 30	18 27	27 20	4 24	16 39	4 22	21 17	0 36	20 24	1 4	21 43	0 43	13 3	2 20	17 38	0 21	0 39	1 21	22 36	4 43	14 40	14 31	27 35	14 39	6 19
S 31	18n12	26n 9	4n48	16n53	4s11	21n 5	0n38	20n15	1n 5	21n44	0s43	13s 3	2n20	17n39	0s21	0n39	1s21	22n35	4n43	14n37	14n30	27n35	14n38	6s19

Julian Day Number = 2521122.5, Delta T = 153.99 sec
Ecliptic obliquity = 23°24'59, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°24'09, Lahiri = 26°31'09

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2190
geocentric

AUGUST 2190 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 39 35	9♌ 8'41	5♌13	25°R30	29♋38	4♌49	14♊ 7	11♏32	20♉59	4°R45	8♌52	9°R10	9♉ 1	7♋51	26♋32	S 1
M 2	20 43 31	10° 6'05	17°20	25°D27	0♌51	5°28	14°17	11°34	21° 0	4♈44	8°53	8♉56	8°58	7°57	26°39	M 2
T 3	20 47 28	11° 3'29	29°35	25♋30	2° 5	6° 6	14°28	11°36	21° 2	4°43	8°55	8°43	8°55	8° 4	26°45	T 3
W 4	20 51 24	12° 0'54	11♍59	25°38	3°19	6°45	14°38	11°38	21° 3	4°43	8°57	8°33	8°51	8°11	26°52	W 4
T 5	20 55 21	12°58'19	24°32	25°54	4°33	7°24	14°49	11°40	21° 4	4°42	8°59	8°24	8°48	8°17	26°58	T 5
F 6	20 59 17	13°55'46	7♎17	26°15	5°47	8° 2	14°59	11°42	21° 5	4°41	9° 0	8°19	8°45	8°24	27° 5	F 6
S 7	21 3 14	14°53'13	20°16	26°43	7° 1	8°41	15° 9	11°44	21° 6	4°40	9° 2	8°16	8°42	8°31	27°11	S 7
S 8	21 7 10	15°50'40	3♏30	27°18	8°14	9°20	15°19	11°46	21° 7	4°39	9° 4	8°15	8°39	8°37	27°17	S 8
M 9	21 11 7	16°48'08	17° 3	27°59	9°28	9°58	15°29	11°48	21° 8	4°38	9° 5	8°15	8°36	8°44	27°24	M 9
T 10	21 15 4	17°45'37	0♐55	28°46	10°42	10°37	15°39	11°51	21° 9	4°37	9° 7	8°15	8°32	8°51	27°30	T 10
W11	21 19 0	18°43'07	15° 9	29°40	11°56	11°16	15°49	11°53	21° 9	4°36	9° 9	8°13	8°29	8°58	27°37	W11
T 12	21 22 57	19°40'38	29°41	0♑40	13°10	11°54	15°58	11°56	21°10	4°35	9°11	8° 9	8°26	9° 4	27°43	T 12
F 13	21 26 53	20°38'09	14♑30	1°45	14°24	12°33	16° 8	11°59	21°11	4°34	9°12	8° 2	8°23	9°11	27°49	F 13
S 14	21 30 50	21°35'42	29°28	2°57	15°38	13°11	16°17	12° 2	21°12	4°33	9°14	7°53	8°20	9°18	27°56	S 14
S 15	21 34 46	22°33'15	14♒27	4°14	16°52	13°50	16°27	12° 5	21°12	4°32	9°16	7°42	8°17	9°24	28° 2	S 15
M16	21 38 43	23°30'49	29°17	5°36	18° 6	14°28	16°36	12° 8	21°13	4°31	9°17	7°32	8°13	9°31	28° 8	M16
T 17	21 42 39	24°28'24	13♓49	7° 4	19°20	15° 7	16°45	12°11	21°13	4°29	9°19	7°22	8°10	9°38	28°15	T 17
W18	21 46 36	25°26'01	27°57	8°36	20°34	15°45	16°54	12°14	21°14	4°28	9°21	7°15	8° 7	9°45	28°21	W18
T 19	21 50 33	26°23'39	11♈38	10°13	21°48	16°23	17° 3	12°17	21°14	4°27	9°22	7°10	8° 4	9°51	28°27	T 19
F 20	21 54 29	27°21'19	24°52	11°54	23° 3	17° 2	17°11	12°20	21°14	4°26	9°24	7° 8	8° 1	9°58	28°33	F 20
S 21	21 58 26	28°19'00	7♉40	13°38	24°17	17°40	17°20	12°24	21°15	4°25	9°26	7°D 7	7°57	10° 5	28°39	S 21
S 22	22 2 22	29°16'43	20° 7	15°26	25°31	18°19	17°28	12°27	21°15	4°23	9°27	7° 7	7°54	10°11	28°45	S 22
M23	22 6 19	0♍14'27	2♊16	17°16	26°45	18°57	17°36	12°31	21°15	4°22	9°29	7°R 8	7°51	10°18	28°51	M23
T 24	22 10 15	1°12'13	14°15	19° 9	27°59	19°35	17°45	12°35	21°15	4°21	9°31	7° 7	7°48	10°25	28°57	T 24
W25	22 14 12	2°10'01	26° 7	21° 4	29°14	20°14	17°53	12°38	21°15	4°19	9°32	7° 4	7°45	10°31	29° 3	W25
T 26	22 18 8	3° 7'50	7♋57	23° 0	0♍28	20°52	18° 0	12°42	21°15	4°18	9°34	6°59	7°42	10°38	29° 9	T 26
F 27	22 22 5	4° 5'41	19°50	24°58	1°42	21°30	18° 8	12°46	21°R16	4°17	9°35	6°51	7°38	10°45	29°15	F 27
S 28	22 26 2	5° 3'34	1♌49	26°57	2°56	22° 9	18°16	12°50	21°15	4°15	9°37	6°42	7°35	10°52	29°21	S 28
S 29	22 29 58	6° 1'28	13°56	28°56	4°11	22°47	18°23	12°54	21°15	4°14	9°39	6°31	7°32	10°58	29°27	S 29
M30	22 33 55	6°59'24	26°13	0♍55	5°25	23°25	18°30	12°58	21°15	4°12	9°40	6°20	7°29	11° 5	29°33	M30
T 31	22 37 51	7♍57'21	8♍42	2♍54	6♍39	24♌ 3	18♊38	13♏ 3	21♉15	4♈11	9♌42	6♉ 9	7♉26	11♋12	29♋39	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n57	23n46	4n59	17n 6	3s59	20n52	0n40	20n 5	1n 5	21n45	0s43	13s 4	2n19	17n39	0s21	0n39	1s21	22n35	4n44	14n32	14n29	27n35	14n37	6s20
M 2	17 42	20 19	4 56	17 20	3 46	20 38	0 42	19 56	1 5	21 47	0 43	13 5	2 19	17 39	0 21	0 38	1 21	22 34	4 44	14 28	14 28	27 35	14 35	6 20
T 3	17 26	15 59	4 40	17 33	3 32	20 24	0 44	19 47	1 5	21 48	0 43	13 6	2 19	17 40	0 21	0 38	1 21	22 34	4 44	14 24	14 27	27 35	14 34	6 20
W 4	17 10	10 55	4 11	17 46	3 17	20 9	0 46	19 37	1 5	21 49	0 43	13 7	2 19	17 40	0 21	0 37	1 21	22 34	4 44	14 20	14 26	27 35	14 33	6 20
T 5	16 54	5 22	3 29	17 58	3 2	19 53	0 48	19 28	1 6	21 50	0 43	13 7	2 18	17 40	0 21	0 37	1 21	22 33	4 44	14 18	14 25	27 35	14 31	6 20
F 6	16 38	0s30	2 36	18 9	2 46	19 37	0 50	19 18	1 6	21 51	0 43	13 8	2 18	17 41	0 21	0 37	1 21	22 33	4 44	14 16	14 24	27 35	14 30	6 20
S 7	16 21	6 28	1 34	18 20	2 30	19 21	0 52	19 8	1 6	21 52	0 43	13 9	2 18	17 41	0 21	0 36	1 22	22 33	4 44	14 15	14 23	27 35	14 29	6 20
S 8	16 4	12 17	0 25	18 29	2 14	19 3	0 54	18 58	1 6	21 53	0 43	13 10	2 17	17 41	0 21	0 36	1 22	22 32	4 44	14 15	14 22	27 35	14 27	6 21
M 9	15 47	17 39	0s46	18 37	1 58	18 46	0 56	18 48	1 6	21 55	0 43	13 11	2 17	17 41	0 21	0 35	1 22	22 32	4 44	14 15	14 21	27 35	14 26	6 21
T 10	15 30	22 14	1 57	18 43	1 42	18 27	0 58	18 38	1 7	21 56	0 43	13 12	2 17	17 42	0 21	0 35	1 22	22 31	4 44	14 15	14 20	27 35	14 24	6 21
W11	15 12	25 36	3 2	18 48	1 26	18 9	0 59	18 27	1 7	21 57	0 43	13 13	2 17	17 42	0 21	0 35	1 22	22 31	4 44	14 14	14 19	27 35	14 23	6 21
T 12	14 54	27 21	3 56	18 51	1 10	17 49	1 1	18 17	1 7	21 58	0 43	13 14	2 16	17 42	0 21	0 34	1 22	22 31	4 44	14 12	14 18	27 35	14 22	6 21
F 13	14 36	27 12	4 36	18 52	0 54	17 30	1 3	18 6	1 7	21 59	0 43	13 15	2 16	17 42	0 21	0 34	1 22	22 30	4 44	14 10	14 17	27 35	14 20	6 22
S 14	14 18	25 6	4 58	18 51	0 39	17 9	1 4	17 55	1 7	21 59	0 43	13 16	2 16	17 42	0 21	0 33	1 22	22 30	4 45	14 7	14 16	27 35	14 19	6 22
S 15	13 59	21 15	4 59	18 47	0 24	16 49	1 6	17 44	1 7	22 0	0 43	13 17	2 16	17 42	0 21	0 33	1 22	22 30	4 45	14 4	14 15	27 35	14 17	6 22
M16	13 40	16 5	4 40	18 41	0 10	16 27	1 7	17 33	1 8	22 1	0 43	13 19	2 15	17 43	0 21	0 32	1 22	22 29	4 45	14 1	14 14	27 35	14 16	6 22
T 17	13 21	10 6	4 3	18 33	0n 3	16 6	1 9	17 22	1 8	22 2	0 44	13 20	2 15	17 43	0 21	0 32	1 22	22 29	4 45	13 58	14 13	27 35	14 14	6 23
W18	13 2	3 45	3 12	18 21	0 16	15 43	1 10	17 11	1 8	22 3	0 44	13 21	2 15	17 43	0 21	0 31	1 22	22 28	4 45	13 55	14 12	27 35	14 13	6 23
T 19	12 42	2n35	2 11	18 7	0 28	15 21	1 11	16 59	1 8	22 4	0 44	13 22	2 15	17 43	0 21	0 31	1 22	22 28	4 45	13 54	14 11	27 35	14 12	6 23
F 20	12 23	8 37	1 5	17 51	0 40	14 58	1 12	16 48	1 8	22 5	0 44	13 23	2 14	17 43	0 21	0 30	1 22	22 28	4 45	13 53	14 10	27 34	14 10	6 23
S 21	12 3	14 6	0n 3	17 31	0 50	14 34	1 14	16 36	1 8	22 5	0 44	13 25	2 14	17 43	0 21	0 30	1 22	22 27	4 45	13 53	14 9	27 34	14 9	6 24
S 22	11 43	18 51	1 9	17 9	1 0	14 11	1 15	16 25	1 9	22 6	0 44	13 26	2 14	17 43	0 21	0 29	1 22	22 27	4 45	13 53	14 8	27 34	14 7	6 24
M23	11 23	22 43	2 10	16 44	1 9	13 46	1 16	16 13	1 9	22 7	0 44	13 27	2 14	17 43	0 21	0 29	1 22	22 27	4 45	13 53	14 7	27 34	14 6	6 24
T 24	11 2	25 32	3 4	16 16	1 16	13 22	1 17	16 1	1 9	22 8	0 44	13 29	2 14	17 43	0 21	0 28	1 22	22 26	4 46	13 52	14 6	27 34	14 4	6 25
W25	10 42	27 11	3 50	15 46	1 23	12 57	1 18	15 49	1 9	22 8	0 44	13 30	2 13	17 43	0 21	0 28	1 22	22 26	4 46	13 52	14 5	27 34	14 3	6 25
T 26	10 21	27 36	4 26	15 14	1 29	12 32	1 19	15 37	1 9	22 9	0 44	13 31	2 13	17 43	0 21	0 27	1 22	22 26	4 46	13 50	14 4	27 34	14 1	6 25
F 27	10 0	26 44	4 50	14 40	1 34	12 6	1 20	15 25	1 9	22 10	0 44	13 33	2 13	17 43	0 21	0 26	1 22	22 25	4 46	13 47	14 3	27 33	14 0	6 26
S 28	9 39	24 39	5 2	14 3	1 38	11 40	1 20	15 13	1 9	22 10	0 44	13 34	2 13	17 43	0 21	0 26	1 22	22 25	4 46	13 44	14 2	27 33	13 58	6 26
S 29	9 18	21 26	5 1	13 25	1 41	11 14	1 21	15 0	1 10	22 11	0 44	13 36	2 12	17 43	0 21	0 25	1 22	22 25	4 46	13 41	14 1	27 33	13 57	6 26
M30	8 56	17 14	4 46	12 45	1 44	10 47	1 22	14 48	1 10	22 11	0 44	13 37	2 12	17 43	0 21	0 25	1 22	22 24	4 46	13 37	14 0	27 33	13 55	6 27
T 31	8n35	12n16	4n17	12n 4	1n45	10n20	1n22	14n35	1n10	22n12	0s44	13s39	2n12	17n43	0s21	0n24	1s22	22n24	4n46	13n34	13n59	27n33	13n54	6s27

Julian Day Number = 2521153.5, Delta T = 154.07 sec
Ecliptic obliquity = 23°24'59, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°24'13, Lahiri = 26°31'13

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2190
geocentric

SEPTEMBER 2190 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 41 48	8♍55'20	21♍22	4♍53	7♍54	24♌41	18♊45	13♏ 7	21°R15	4°R10	9♌43	6°R 0	7♉23	11♋18	29♋44	W 1
T 2	22 45 44	9°53'20	4♎13	6°52	9° 8	25°20	18°51	13°11	21♉14	4♈ 8	9°45	5♉54	7°19	11°25	29°50	T 2
F 3	22 49 41	10°51'22	17°16	8°50	10°23	25°58	18°58	13°16	21°14	4° 7	9°46	5°50	7°16	11°32	29°56	F 3
S 4	22 53 37	11°49'25	0♏31	10°47	11°37	26°36	19° 5	13°20	21°14	4° 5	9°48	5°D48	7°13	11°39	0♌ 1	S 4
S 5	22 57 34	12°47'30	13°57	12°43	12°51	27°14	19°11	13°25	21°13	4° 4	9°49	5°49	7°10	11°45	0° 7	S 5
M 6	23 1 31	13°45'36	27°36	14°38	14° 6	27°52	19°17	13°30	21°13	4° 2	9°51	5°49	7° 7	11°52	0°12	M 6
T 7	23 5 27	14°43'44	11♐29	16°33	15°20	28°31	19°23	13°34	21°12	4° 1	9°52	5°R50	7° 3	11°59	0°18	T 7
W 8	23 9 24	15°41'53	25°35	18°26	16°35	29° 9	19°29	13°39	21°12	3°59	9°54	5°50	7° 0	12° 5	0°23	W 8
T 9	23 13 20	16°40'03	9♑53	20°18	17°49	29°47	19°35	13°44	21°11	3°57	9°55	5°48	6°57	12°12	0°28	T 9
F 10	23 17 17	17°38'15	24°21	22° 9	19° 4	0♍25	19°41	13°49	21°10	3°56	9°57	5°43	6°54	12°19	0°34	F 10
S 11	23 21 13	18°36'28	8♒55	23°59	20°18	1° 3	19°46	13°54	21°10	3°54	9°58	5°38	6°51	12°26	0°39	S 11
S 12	23 25 10	19°34'43	23°29	25°48	21°33	1°41	19°51	13°59	21° 9	3°53	9°59	5°31	6°48	12°32	0°44	S 12
M13	23 29 6	20°32'59	7♓56	27°36	22°47	2°19	19°56	14° 4	21° 8	3°51	10° 1	5°23	6°44	12°39	0°49	M13
T 14	23 33 3	21°31'17	22° 9	29°22	24° 2	2°57	20° 1	14° 9	21° 7	3°49	10° 2	5°17	6°41	12°46	0°54	T 14
W15	23 37 0	22°29'37	6♈ 4	1♎ 7	25°17	3°35	20° 6	14°15	21° 6	3°48	10° 3	5°12	6°38	12°52	0°59	W15
T 16	23 40 56	23°27'59	19°38	2°51	26°31	4°13	20°10	14°20	21° 5	3°46	10° 5	5° 9	6°35	12°59	1° 4	T 16
F 17	23 44 53	24°26'22	2♉48	4°35	27°46	4°51	20°15	14°25	21° 4	3°45	10° 6	5°D 8	6°32	13° 6	1° 9	F 17
S 18	23 48 49	25°24'48	15°36	6°17	29° 0	5°29	20°19	14°31	21° 3	3°43	10° 7	5° 8	6°29	13°13	1°14	S 18
S 19	23 52 46	26°23'16	28° 4	7°57	0♎15	6° 7	20°23	14°36	21° 2	3°41	10° 9	5°10	6°25	13°19	1°19	S 19
M20	23 56 42	27°21'46	10♊16	9°37	1°29	6°45	20°27	14°42	21° 1	3°40	10°10	5°11	6°22	13°26	1°24	M20
T 21	0 0 39	28°20'18	22°16	11°16	2°44	7°23	20°31	14°47	21° 0	3°38	10°11	5°13	6°19	13°33	1°28	T 21
W22	0 4 35	29°18'53	4♋10	12°54	3°59	8° 1	20°34	14°53	20°59	3°36	10°12	5°R13	6°16	13°39	1°33	W22
T 23	0 8 32	0♎17'29	16° 2	14°31	5°13	8°39	20°37	14°59	20°57	3°35	10°14	5°11	6°13	13°46	1°37	T 23
F 24	0 12 28	1°16'08	27°56	16° 6	6°28	9°17	20°40	15° 5	20°56	3°33	10°15	5° 8	6° 9	13°53	1°42	F 24
S 25	0 16 25	2°14'49	9♌59	17°41	7°43	9°55	20°43	15°11	20°55	3°31	10°16	5° 4	6° 6	13°59	1°46	S 25
S 26	0 20 22	3°13'32	22°11	19°15	8°57	10°32	20°46	15°16	20°53	3°30	10°17	4°59	6° 3	14° 6	1°51	S 26
M27	0 24 18	4°12'17	4♍38	20°48	10°12	11°10	20°49	15°22	20°52	3°28	10°18	4°54	6° 0	14°13	1°55	M27
T 28	0 28 15	5°11'04	17°19	22°20	11°27	11°48	20°51	15°28	20°50	3°26	10°19	4°49	5°57	14°20	1°59	T 28
W29	0 32 11	6° 9'53	0♎16	23°51	12°42	12°26	20°53	15°34	20°49	3°25	10°20	4°45	5°54	14°26	2° 3	W29
T 30	0 36 8	7♎ 8'44	13♎28	25♎21	13♎56	13♍ 4	20♊55	15♏41	20♉47	3♈23	10♌22	4♉42	5♉50	14♋33	2♌ 7	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	8n13	6n42	3n34	11n21	1n46	9n53	1n23	14n23	1n10	22n13	0s44	13s40	2n12	17n43	0s21	0n23	1s22	22n24	4n47	13n31	13n58	27n33	13n52	6s27
T 2	7 51	0 47	2 41	10 38	1 46	9 25	1 23	14 10	1 10	22 13	0 44	13 42	2 11	17 43	0 21	0 23	1 22	22 24	4 47	13 29	13 57	27 32	13 51	6 28
F 3	7 29	5s16	1 38	9 53	1 46	8 58	1 24	13 57	1 10	22 14	0 44	13 43	2 11	17 43	0 21	0 22	1 22	22 23	4 47	13 27	13 56	27 32	13 49	6 28
S 4	7 7	11 12	0 28	9 8	1 44	8 30	1 24	13 44	1 10	22 14	0 44	13 45	2 11	17 43	0 21	0 22	1 22	22 23	4 47	13 27	13 54	27 32	13 48	6 29
S 5	6 45	16 42	0s44	8 22	1 43	8 2	1 24	13 31	1 10	22 15	0 44	13 46	2 11	17 43	0 21	0 21	1 23	22 23	4 47	13 27	13 53	27 32	13 46	6 29
M 6	6 23	21 28	1 54	7 35	1 40	7 33	1 25	13 18	1 10	22 15	0 44	13 48	2 11	17 42	0 21	0 20	1 23	22 22	4 47	13 27	13 52	27 31	13 44	6 29
T 7	6 0	25 6	3 0	6 48	1 37	7 5	1 25	13 5	1 11	22 16	0 44	13 49	2 10	17 42	0 21	0 20	1 23	22 22	4 47	13 27	13 51	27 31	13 43	6 30
W 8	5 38	27 16	3 55	6 1	1 34	6 36	1 25	12 52	1 11	22 16	0 44	13 51	2 10	17 42	0 21	0 19	1 23	22 22	4 48	13 27	13 50	27 31	13 41	6 30
T 9	5 15	27 39	4 37	5 13	1 30	6 7	1 25	12 39	1 11	22 16	0 44	13 53	2 10	17 42	0 21	0 18	1 23	22 22	4 48	13 26	13 49	27 31	13 40	6 31
F 10	4 53	26 10	5 2	4 26	1 26	5 37	1 25	12 25	1 11	22 17	0 44	13 54	2 10	17 42	0 21	0 18	1 23	22 21	4 48	13 25	13 48	27 30	13 38	6 31
S 11	4 30	22 57	5 7	3 38	1 21	5 8	1 25	12 12	1 11	22 17	0 44	13 56	2 10	17 42	0 21	0 17	1 23	22 21	4 48	13 23	13 47	27 30	13 37	6 32
S 12	4 7	18 17	4 53	2 50	1 16	4 39	1 25	11 58	1 11	22 17	0 44	13 58	2 9	17 41	0 21	0 17	1 23	22 21	4 48	13 21	13 46	27 30	13 35	6 32
M13	3 44	12 36	4 20	2 3	1 11	4 9	1 24	11 45	1 11	22 18	0 44	13 59	2 9	17 41	0 21	0 16	1 23	22 21	4 48	13 18	13 45	27 30	13 34	6 32
T 14	3 22	6 21	3 31	1 15	1 6	3 39	1 24	11 31	1 11	22 18	0 44	14 1	2 9	17 41	0 21	0 15	1 23	22 20	4 48	13 16	13 44	27 29	13 32	6 33
W15	2 59	0n 6	2 31	0 28	1 0	3 9	1 24	11 18	1 11	22 18	0 44	14 3	2 9	17 41	0 21	0 15	1 23	22 20	4 49	13 15	13 43	27 29	13 31	6 33
T 16	2 36	6 23	1 23	0s19	0 54	2 39	1 23	11 4	1 11	22 19	0 45	14 4	2 9	17 40	0 21	0 14	1 23	22 20	4 49	13 14	13 42	27 29	13 29	6 34
F 17	2 12	12 14	0 13	1 5	0 48	2 9	1 23	10 50	1 11	22 19	0 45	14 6	2 8	17 40	0 21	0 13	1 23	22 20	4 49	13 13	13 41	27 28	13 28	6 34
S 18	1 49	17 24	0n57	1 52	0 41	1 39	1 22	10 36	1 12	22 19	0 45	14 8	2 8	17 40	0 21	0 13	1 23	22 20	4 49	13 13	13 40	27 28	13 26	6 35
S 19	1 26	21 41	2 1	2 38	0 34	1 9	1 21	10 22	1 12	22 20	0 45	14 10	2 8	17 39	0 21	0 12	1 23	22 19	4 49	13 14	13 39	27 28	13 25	6 35
M20	1 3	24 55	2 59	3 23	0 28	0 39	1 21	10 8	1 12	22 20	0 45	14 12	2 8	17 39	0 21	0 11	1 23	22 19	4 49	13 14	13 38	27 27	13 23	6 36
T 21	0 40	26 59	3 48	4 8	0 21	0 8	1 20	9 54	1 12	22 20	0 45	14 13	2 8	17 39	0 21	0 11	1 23	22 19	4 50	13 15	13 37	27 27	13 22	6 36
W22	0 16	27 48	4 27	4 53	0 14	0s22	1 19	9 40	1 12	22 20	0 45	14 15	2 8	17 39	0 21	0 10	1 23	22 19	4 50	13 15	13 36	27 27	13 20	6 37
T 23	0s 7	27 20	4 54	5 37	0 7	0 52	1 18	9 26	1 12	22 20	0 45	14 17	2 7	17 38	0 21	0 9	1 23	22 19	4 50	13 14	13 35	27 26	13 19	6 37
F 24	0 30	25 36	5 9	6 20	0s 1	1 23	1 17	9 12	1 12	22 21	0 45	14 19	2 7	17 38	0 21	0 9	1 23	22 18	4 50	13 13	13 34	27 26	13 17	6 38
S 25	0 54	22 43	5 10	7 3	0 8	1 53	1 16	8 57	1 12	22 21	0 45	14 21	2 7	17 37	0 21	0 8	1 23	22 18	4 50	13 12	13 33	27 25	13 16	6 38
S 26	1 17	18 47	4 58	7 46	0 15	2 24	1 15	8 43	1 12	22 21	0 45	14 23	2 7	17 37	0 21	0 7	1 23	22 18	4 50	13 10	13 32	27 25	13 15	6 39
M27	1 40	14 0	4 31	8 28	0 23	2 54	1 14	8 29	1 12	22 21	0 45	14 24	2 7	17 37	0 21	0 7	1 23	22 18	4 51	13 8	13 31	27 25	13 13	6 40
T 28	2 3	8 32	3 50	9 9	0 30	3 24	1 13	8 14	1 12	22 21	0 45	14 26	2 7	17 36	0 21	0 6	1 23	22 18	4 51	13 7	13 29	27 24	13 12	6 40
W29	2 27	2 36	2 57	9 50	0 37	3 54	1 12	8 0	1 12	22 21	0 45	14 28	2 6	17 36	0 21	0 5	1 23	22 18	4 51	13 5	13 28	27 24	13 10	6 41
T 30	2s50	3s34	1n54	10s30	0s45	4s25	1n11	7n46	1n12	22n21	0s45	14s30	2n 6	17n35	0s21	0n 5	1s23	22n18	4n51	13n 4	13n27	27n23	13n 9	6s41

Julian Day Number = 2521184.5, Delta T = 154.15 sec
Ecliptic obliquity = 23°25'00, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°24'17, Lahiri = 26°31'18

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2190
geocentric

OCTOBER 2190 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 40 4	8♎ 7'38	26♎54	26♎50	15♎11	13♍42	20♊57	15♏47	20°R46	3°R21	10♌23	4°R40	5♉47	14♋40	2♌11	F 1
S 2	0 44 1	9° 6'33	10♏33	28°18	16°26	14°20	20°58	15°53	20♉44	3♈20	10°24	4°D40	5°44	14°46	2°15	S 2
S 3	0 47 57	10° 5'30	24°22	29°45	17°41	14°57	21° 0	15°59	20°42	3°18	10°25	4♉41	5°41	14°53	2°19	S 3
M 4	0 51 54	11° 4'29	8♐20	1♏12	18°55	15°35	21° 1	16° 5	20°40	3°16	10°26	4°42	5°38	15° 0	2°23	M 4
T 5	0 55 51	12° 3'29	22°25	2°37	20°10	16°13	21° 2	16°12	20°39	3°15	10°27	4°44	5°34	15° 7	2°26	T 5
W 6	0 59 47	13° 2'32	6♑34	4° 1	21°25	16°51	21° 3	16°18	20°37	3°13	10°28	4°R45	5°31	15°13	2°30	W 6
T 7	1 3 44	14° 1'36	20°46	5°24	22°40	17°29	21° 3	16°24	20°35	3°12	10°28	4°45	5°28	15°20	2°34	T 7
F 8	1 7 40	15° 0'42	4♒59	6°46	23°54	18° 6	21° 4	16°31	20°33	3°10	10°29	4°44	5°25	15°27	2°37	F 8
S 9	1 11 37	15°59'50	19°11	8° 7	25° 9	18°44	21°R 4	16°37	20°31	3° 8	10°30	4°42	5°22	15°33	2°40	S 9
S 10	1 15 33	16°58'59	3♓17	9°27	26°24	19°22	21° 4	16°44	20°29	3° 7	10°31	4°40	5°19	15°40	2°44	S 10
M11	1 19 30	17°58'10	17°15	10°46	27°39	20° 0	21° 3	16°51	20°27	3° 5	10°32	4°37	5°15	15°47	2°47	M11
T 12	1 23 26	18°57'23	1♈ 2	12° 3	28°53	20°37	21° 3	16°57	20°25	3° 4	10°33	4°35	5°12	15°54	2°50	T 12
W13	1 27 23	19°56'37	14°34	13°19	0♏ 8	21°15	21° 2	17° 4	20°23	3° 2	10°33	4°34	5° 9	16° 0	2°53	W13
T 14	1 31 20	20°55'54	27°50	14°34	1°23	21°53	21° 2	17°10	20°21	3° 0	10°34	4°33	5° 6	16° 7	2°56	T 14
F 15	1 35 16	21°55'13	10♉48	15°47	2°38	22°30	21° 0	17°17	20°19	2°59	10°35	4°D33	5° 3	16°14	2°59	F 15
S 16	1 39 13	22°54'34	23°29	16°58	3°53	23° 8	20°59	17°24	20°17	2°57	10°36	4°33	5° 0	16°20	3° 2	S 16
S 17	1 43 9	23°53'58	5♊54	18° 8	5° 7	23°46	20°58	17°31	20°15	2°56	10°36	4°34	4°56	16°27	3° 4	S 17
M18	1 47 6	24°53'23	18° 6	19°15	6°22	24°23	20°56	17°37	20°13	2°54	10°37	4°35	4°53	16°34	3° 7	M18
T 19	1 51 2	25°52'51	0♋ 6	20°21	7°37	25° 1	20°54	17°44	20°11	2°53	10°38	4°36	4°50	16°41	3°10	T 19
W20	1 54 59	26°52'21	12° 1	21°24	8°52	25°39	20°52	17°51	20° 9	2°51	10°38	4°37	4°47	16°47	3°12	W20
T 21	1 58 55	27°51'54	23°53	22°25	10° 7	26°16	20°50	17°58	20° 6	2°50	10°39	4°R37	4°44	16°54	3°15	T 21
F 22	2 2 52	28°51'28	5♌48	23°23	11°21	26°54	20°48	18° 5	20° 4	2°48	10°39	4°37	4°40	17° 1	3°17	F 22
S 23	2 6 49	29°51'05	17°50	24°18	12°36	27°31	20°45	18°12	20° 2	2°47	10°40	4°37	4°37	17° 8	3°19	S 23
S 24	2 10 45	0♏50'44	0♍ 4	25°10	13°51	28° 9	20°42	18°19	19°59	2°45	10°40	4°37	4°34	17°14	3°21	S 24
M25	2 14 42	1°50'26	12°33	25°58	15° 6	28°47	20°39	18°26	19°57	2°44	10°41	4°36	4°31	17°21	3°23	M25
T 26	2 18 38	2°50'09	25°21	26°42	16°21	29°24	20°36	18°33	19°55	2°43	10°41	4°36	4°28	17°28	3°25	T 26
W27	2 22 35	3°49'55	8♎29	27°22	17°35	0♎ 2	20°32	18°40	19°52	2°41	10°42	4°36	4°25	17°34	3°27	W27
T 28	2 26 31	4°49'42	21°58	27°56	18°50	0°39	20°29	18°47	19°50	2°40	10°42	4°D36	4°21	17°41	3°29	T 28
F 29	2 30 28	5°49'32	5♏47	28°25	20° 5	1°17	20°25	18°54	19°48	2°39	10°42	4°R36	4°18	17°48	3°30	F 29
S 30	2 34 24	6°49'24	19°53	28°48	21°20	1°54	20°21	19° 1	19°45	2°37	10°43	4°36	4°15	17°55	3°32	S 30
S 31	2 38 21	7♏49'18	4♐11	29♏ 5	22♏35	2♎32	20♊17	19♏ 8	19♉43	2♈36	10♌43	4♉35	4♉12	18♋ 1	3♌33	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	3s13	9s42	0n42	11s 9	0s52	4s55	1n 9	7n31	1n12	22n21	0s45	14s32	2n 6	17n35	0s21	0n 4	1s23	22n17	4n51	13n 4	13n26	27n23	13n 7	6s42
S 2	3 36	15 29	0s32	11 47	1 0	5 25	1 8	7 17	1 12	22 22	0 45	14 34	2 6	17 35	0 21	0 3	1 23	22 17	4 51	13 4	13 25	27 23	13 6	6 42
S 3	4 0	20 34	1 46	12 25	1 7	5 54	1 6	7 2	1 12	22 22	0 45	14 36	2 6	17 34	0 21	0 3	1 23	22 17	4 52	13 4	13 24	27 22	13 5	6 43
M 4	4 23	24 33	2 55	13 2	1 14	6 24	1 5	6 47	1 12	22 22	0 45	14 38	2 6	17 34	0 21	0 2	1 23	22 17	4 52	13 5	13 23	27 22	13 3	6 44
T 5	4 46	27 5	3 53	13 39	1 22	6 54	1 3	6 33	1 13	22 22	0 45	14 40	2 6	17 33	0 21	0 1	1 23	22 17	4 52	13 5	13 22	27 21	13 2	6 44
W 6	5 9	27 53	4 38	14 14	1 29	7 23	1 2	6 18	1 13	22 22	0 45	14 42	2 5	17 33	0 21	0 1	1 23	22 17	4 52	13 5	13 21	27 21	13 0	6 45
T 7	5 32	26 51	5 6	14 49	1 36	7 53	1 0	6 3	1 13	22 22	0 45	14 44	2 5	17 32	0 21	0 0	1 23	22 17	4 52	13 5	13 20	27 20	12 59	6 45
F 8	5 55	24 5	5 15	15 23	1 43	8 22	0 58	5 49	1 13	22 22	0 45	14 46	2 5	17 32	0 21	0s 1	1 23	22 17	4 53	13 5	13 19	27 20	12 58	6 46
S 9	6 17	19 53	5 5	15 56	1 50	8 51	0 57	5 34	1 13	22 22	0 45	14 47	2 5	17 31	0 21	0 1	1 23	22 17	4 53	13 5	13 18	27 19	12 56	6 47
S 10	6 40	14 35	4 37	16 28	1 56	9 20	0 55	5 19	1 13	22 22	0 45	14 49	2 5	17 31	0 21	0 2	1 23	22 17	4 53	13 4	13 17	27 19	12 55	6 47
M11	7 3	8 36	3 52	16 59	2 3	9 48	0 53	5 4	1 13	22 22	0 45	14 51	2 5	17 30	0 21	0 3	1 23	22 17	4 53	13 3	13 16	27 18	12 54	6 48
T 12	7 25	2 16	2 55	17 29	2 9	10 16	0 51	4 50	1 13	22 22	0 45	14 53	2 5	17 30	0 21	0 3	1 23	22 17	4 53	13 2	13 15	27 18	12 52	6 48
W13	7 47	4n 4	1 48	17 58	2 15	10 45	0 49	4 35	1 13	22 22	0 45	14 55	2 5	17 29	0 21	0 4	1 23	22 17	4 53	13 2	13 14	27 17	12 51	6 49
T 14	8 10	10 7	0 37	18 26	2 21	11 12	0 47	4 20	1 13	22 21	0 45	14 57	2 4	17 29	0 21	0 4	1 23	22 17	4 54	13 2	13 13	27 17	12 50	6 50
F 15	8 32	15 36	0n35	18 53	2 27	11 40	0 45	4 5	1 13	22 21	0 45	14 59	2 4	17 28	0 21	0 5	1 23	22 17	4 54	13 1	13 11	27 16	12 49	6 50
S 16	8 54	20 17	1 43	19 19	2 32	12 7	0 43	3 50	1 13	22 21	0 46	15 1	2 4	17 28	0 21	0 6	1 23	22 17	4 54	13 2	13 10	27 15	12 47	6 51
S 17	9 16	23 59	2 45	19 44	2 37	12 34	0 41	3 35	1 13	22 21	0 46	15 3	2 4	17 27	0 21	0 6	1 23	22 17	4 54	13 2	13 9	27 15	12 46	6 52
M18	9 38	26 30	3 38	20 7	2 42	13 1	0 39	3 20	1 13	22 21	0 46	15 5	2 4	17 26	0 21	0 7	1 23	22 17	4 54	13 2	13 8	27 14	12 45	6 52
T 19	9 59	27 46	4 21	20 30	2 47	13 28	0 37	3 5	1 13	22 21	0 46	15 7	2 4	17 26	0 21	0 7	1 23	22 17	4 55	13 3	13 7	27 14	12 44	6 53
W20	10 21	27 44	4 53	20 51	2 51	13 54	0 34	2 51	1 13	22 21	0 46	15 9	2 4	17 25	0 21	0 8	1 23	22 17	4 55	13 3	13 6	27 13	12 43	6 54
T 21	10 42	26 25	5 11	21 10	2 54	14 19	0 32	2 36	1 13	22 21	0 46	15 11	2 4	17 25	0 21	0 9	1 23	22 17	4 55	13 3	13 5	27 13	12 41	6 54
F 22	11 3	23 55	5 17	21 28	2 58	14 45	0 30	2 21	1 13	22 20	0 46	15 13	2 4	17 24	0 21	0 9	1 23	22 17	4 55	13 3	13 4	27 12	12 40	6 55
S 23	11 25	20 22	5 8	21 44	3 0	15 10	0 28	2 6	1 13	22 20	0 46	15 15	2 4	17 23	0 21	0 10	1 23	22 17	4 55	13 3	13 3	27 11	12 39	6 56
S 24	11 45	15 54	4 46	21 59	3 2	15 35	0 25	1 51	1 13	22 20	0 46	15 17	2 3	17 23	0 21	0 10	1 23	22 17	4 56	13 3	13 2	27 11	12 38	6 56
M25	12 6	10 42	4 10	22 12	3 4	15 59	0 23	1 36	1 13	22 20	0 46	15 19	2 3	17 22	0 21	0 11	1 23	22 17	4 56	13 3	13 1	27 10	12 37	6 57
T 26	12 27	4 55	3 21	22 24	3 5	16 23	0 21	1 21	1 13	22 20	0 46	15 21	2 3	17 22	0 21	0 11	1 23	22 17	4 56	13 3	13 0	27 9	12 36	6 58
W27	12 47	1s13	2 20	22 33	3 5	16 46	0 18	1 6	1 13	22 19	0 46	15 23	2 3	17 21	0 21	0 12	1 23	22 17	4 56	13 2	12 59	27 9	12 35	6 58
T 28	13 7	7 29	1 9	22 40	3 4	17 9	0 16	0 51	1 13	22 19	0 46	15 25	2 3	17 20	0 21	0 12	1 23	22 17	4 56	13 2	12 58	27 8	12 34	6 59
F 29	13 27	13 32	0s 7	22 45	3 2	17 32	0 13	0 36	1 13	22 19	0 46	15 27	2 3	17 20	0 21	0 13	1 23	22 17	4 57	13 2	12 57	27 7	12 33	7 0
S 30	13 47	19 2	1 24	22 47	2 59	17 54	0 11	0 21	1 13	22 18	0 46	15 29	2 3	17 19	0 21	0 13	1 23	22 17	4 57	13 2	12 55	27 7	12 32	7 0
S 31	14s 6	23s32	2s37	22s47	2s55	18s16	0n 8	0n 6	1n12	22n18	0s46	15s31	2n 3	17n18	0s21	0s14	1s23	22n17	4n57	13n 2	12n54	27n 6	12n31	7s 1

Julian Day Number = 2521214.5, Delta T = 154.23 sec
Ecliptic obliquity = 23°25'00, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°24'21, Lahiri = 26°31'22

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2190
geocentric

NOVEMBER 2190 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 42 18	8♏49'13	18♐36	29♏14	23♏50	3♎ 9	20°R13	19♏15	19°R41	2°R35	10♘43	4°R35	4♉ 9	18♋ 8	3♘35	M 1
T 2	2 46 14	9°49'11	3♑ 4	29°R15	25° 4	3°47	20♊ 8	19°22	19♉38	2♈33	10°44	4♉35	4° 6	18°15	3°36	T 2
W 3	2 50 11	10°49'10	17°30	29° 8	26°19	4°24	20° 3	19°29	19°36	2°32	10°44	4°34	4° 2	18°21	3°37	W 3
T 4	2 54 7	11°49'10	1♒48	28°52	27°34	5° 2	19°58	19°36	19°33	2°31	10°44	4°34	3°59	18°28	3°38	T 4
F 5	2 58 4	12°49'12	15°58	28°27	28°49	5°39	19°53	19°43	19°31	2°30	10°44	4°D33	3°56	18°35	3°39	F 5
S 6	3 2 0	13°49'16	29°56	27°52	0♐ 4	6°17	19°48	19°51	19°28	2°29	10°44	4°34	3°53	18°42	3°40	S 6
S 7	3 5 57	14°49'21	13♓41	27° 8	1°19	6°54	19°43	19°58	19°26	2°28	10°45	4°35	3°50	18°48	3°41	S 7
M 8	3 9 53	15°49'27	27°14	26°14	2°33	7°32	19°37	20° 5	19°23	2°26	10°45	4°35	3°46	18°55	3°41	M 8
T 9	3 13 50	16°49'36	10♈33	25°12	3°48	8° 9	19°31	20°12	19°21	2°25	10°45	4°37	3°43	19° 2	3°42	T 9
W10	3 17 47	17°49'45	23°40	24° 2	5° 3	8°46	19°26	20°19	19°18	2°24	10°45	4°37	3°40	19° 8	3°42	W10
T 11	3 21 43	18°49'57	6♉33	22°47	6°18	9°24	19°20	20°26	19°16	2°23	10°R45	4°R38	3°37	19°15	3°43	T 11
F 12	3 25 40	19°50'10	19°14	21°29	7°33	10° 1	19°13	20°34	19°13	2°22	10°45	4°37	3°34	19°22	3°43	F 12
S 13	3 29 36	20°50'25	1♊43	20° 9	8°47	10°39	19° 7	20°41	19°11	2°21	10°45	4°36	3°31	19°29	3°43	S 13
S 14	3 33 33	21°50'42	14° 0	18°51	10° 2	11°16	19° 1	20°48	19° 8	2°20	10°45	4°33	3°27	19°35	3°43	S 14
M15	3 37 29	22°51'01	26° 7	17°36	11°17	11°53	18°54	20°55	19° 6	2°19	10°45	4°31	3°24	19°42	3°R43	M15
T 16	3 41 26	23°51'21	8♋ 6	16°28	12°32	12°31	18°47	21° 2	19° 3	2°19	10°45	4°27	3°21	19°49	3°43	T 16
W17	3 45 22	24°51'43	20° 0	15°28	13°47	13° 8	18°41	21° 9	19° 1	2°18	10°44	4°24	3°18	19°55	3°43	W17
T 18	3 49 19	25°52'08	1♌51	14°39	15° 1	13°45	18°34	21°17	18°59	2°17	10°44	4°22	3°15	20° 2	3°43	T 18
F 19	3 53 16	26°52'34	13°44	14° 0	16°16	14°23	18°27	21°24	18°56	2°16	10°44	4°20	3°12	20° 9	3°42	F 19
S 20	3 57 12	27°53'01	25°44	13°33	17°31	15° 0	18°19	21°31	18°54	2°15	10°44	4°D19	3° 8	20°16	3°42	S 20
S 21	4 1 9	28°53'31	7♍54	13°18	18°46	15°37	18°12	21°38	18°51	2°14	10°44	4°19	3° 5	20°22	3°41	S 21
M22	4 5 5	29°54'02	20°20	13°D14	20° 1	16°14	18° 5	21°45	18°49	2°14	10°43	4°21	3° 2	20°29	3°41	M22
T 23	4 9 2	0♐54'36	3♎ 6	13°21	21°15	16°52	17°57	21°52	18°46	2°13	10°43	4°22	2°59	20°36	3°40	T 23
W24	4 12 58	1°55'11	16°16	13°38	22°30	17°29	17°50	21°59	18°44	2°12	10°43	4°24	2°56	20°43	3°39	W24
T 25	4 16 55	2°55'47	29°51	14° 5	23°45	18° 6	17°42	22° 7	18°42	2°12	10°42	4°R25	2°52	20°49	3°38	T 25
F 26	4 20 51	3°56'26	13♏52	14°40	25° 0	18°43	17°34	22°14	18°39	2°11	10°42	4°25	2°49	20°56	3°37	F 26
S 27	4 24 48	4°57'05	28°17	15°23	26°14	19°20	17°27	22°21	18°37	2°11	10°41	4°23	2°46	21° 3	3°36	S 27
S 28	4 28 45	5°57'47	13♐ 0	16°12	27°29	19°58	17°19	22°28	18°34	2°10	10°41	4°19	2°43	21° 9	3°35	S 28
M29	4 32 41	6°58'30	27°54	17° 8	28°44	20°35	17°11	22°35	18°32	2°10	10°41	4°15	2°40	21°16	3°33	M29
T 30	4 36 38	7♐59'14	12♑50	18♏ 9	29♐59	21♎12	17♊ 3	22♏42	18♉30	2♈ 9	10♘40	4♉10	2♉37	21♋23	3♘32	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14s26	26s35	3s40	22s44	2s50	18s37	0n 6	0s 9	1n12	22n18	0s46	15s33	2n 3	17n18	0s21	0s14	1s23	22n17	4n57	13n 2	12n53	27n 5	12n30	7s 2
T 2	14 45	27 53	4 30	22 38	2 44	18 58	0 4	0 24	1 12	22 18	0 46	15 35	2 3	17 17	0 21	0 15	1 23	22 18	4 57	13 2	12 52	27 5	12 29	7 2
W 3	15 3	27 17	5 3	22 29	2 36	19 18	0 1	0 39	1 12	22 17	0 46	15 37	2 3	17 16	0 21	0 15	1 23	22 18	4 58	13 2	12 51	27 4	12 28	7 3
T 4	15 22	24 52	5 16	22 16	2 26	19 37	0s 2	0 53	1 12	22 17	0 46	15 39	2 3	17 16	0 21	0 16	1 22	22 18	4 58	13 2	12 50	27 3	12 27	7 4
F 5	15 40	20 58	5 10	21 59	2 15	19 57	0 4	1 8	1 12	22 17	0 45	15 41	2 3	17 15	0 21	0 16	1 22	22 18	4 58	13 2	12 49	27 3	12 26	7 5
S 6	15 58	15 57	4 46	21 39	2 2	20 15	0 7	1 23	1 12	22 16	0 45	15 43	2 3	17 14	0 21	0 17	1 22	22 18	4 58	13 2	12 48	27 2	12 25	7 5
S 7	16 16	10 12	4 6	21 15	1 48	20 33	0 9	1 38	1 12	22 16	0 45	15 45	2 3	17 14	0 21	0 17	1 22	22 18	4 58	13 2	12 47	27 1	12 24	7 6
M 8	16 34	4 3	3 12	20 46	1 32	20 51	0 12	1 53	1 12	22 15	0 45	15 47	2 3	17 13	0 21	0 17	1 22	22 18	4 59	13 2	12 46	27 0	12 23	7 7
T 9	16 51	2n12	2 9	20 15	1 14	21 7	0 14	2 8	1 12	22 15	0 45	15 49	2 2	17 12	0 21	0 18	1 22	22 19	4 59	13 3	12 45	27 0	12 23	7 7
W10	17 8	8 15	1 0	19 39	0 55	21 24	0 17	2 22	1 12	22 15	0 45	15 51	2 2	17 12	0 21	0 18	1 22	22 19	4 59	13 3	12 44	26 59	12 22	7 8
T 11	17 24	13 52	0n11	19 1	0 35	21 39	0 19	2 37	1 12	22 14	0 45	15 52	2 2	17 11	0 21	0 19	1 22	22 19	4 59	13 3	12 43	26 58	12 21	7 9
F 12	17 41	18 48	1 20	18 21	0 15	21 54	0 22	2 52	1 12	22 14	0 45	15 54	2 2	17 10	0 21	0 19	1 22	22 19	5 0	13 3	12 42	26 57	12 20	7 9
S 13	17 57	22 50	2 24	17 40	0n 6	22 9	0 24	3 7	1 12	22 13	0 45	15 56	2 2	17 10	0 21	0 19	1 22	22 19	5 0	13 2	12 40	26 57	12 20	7 10
S 14	18 13	25 46	3 20	16 59	0 26	22 23	0 27	3 21	1 12	22 13	0 45	15 58	2 2	17 9	0 21	0 20	1 22	22 20	5 0	13 2	12 39	26 56	12 19	7 11
M15	18 28	27 28	4 7	16 20	0 46	22 36	0 29	3 36	1 12	22 12	0 45	16 0	2 2	17 8	0 21	0 20	1 22	22 20	5 0	13 1	12 38	26 55	12 18	7 11
T 16	18 43	27 52	4 42	15 43	1 4	22 48	0 32	3 50	1 11	22 12	0 45	16 2	2 2	17 8	0 21	0 20	1 22	22 20	5 0	13 0	12 37	26 54	12 18	7 12
W17	18 58	26 57	5 5	15 10	1 21	23 0	0 34	4 5	1 11	22 11	0 45	16 4	2 2	17 7	0 21	0 21	1 22	22 20	5 1	12 59	12 36	26 53	12 17	7 13
T 18	19 12	24 50	5 14	14 41	1 36	23 11	0 37	4 20	1 11	22 11	0 45	16 6	2 2	17 6	0 21	0 21	1 22	22 21	5 1	12 58	12 35	26 53	12 16	7 14
F 19	19 26	21 38	5 10	14 17	1 49	23 22	0 39	4 34	1 11	22 10	0 45	16 8	2 2	17 6	0 21	0 21	1 22	22 21	5 1	12 57	12 34	26 52	12 16	7 14
S 20	19 40	17 31	4 53	13 58	2 1	23 31	0 42	4 49	1 11	22 10	0 45	16 9	2 2	17 5	0 21	0 22	1 22	22 21	5 1	12 57	12 33	26 51	12 15	7 15
S 21	19 54	12 39	4 22	13 45	2 10	23 40	0 44	5 3	1 11	22 9	0 45	16 11	2 2	17 5	0 21	0 22	1 22	22 21	5 1	12 57	12 32	26 50	12 15	7 16
M22	20 7	7 10	3 39	13 37	2 17	23 49	0 46	5 17	1 11	22 8	0 45	16 13	2 2	17 4	0 21	0 22	1 22	22 22	5 2	12 57	12 31	26 49	12 14	7 16
T 23	20 19	1 16	2 43	13 34	2 22	23 56	0 49	5 32	1 11	22 8	0 45	16 15	2 2	17 3	0 21	0 22	1 22	22 22	5 2	12 58	12 30	26 48	12 14	7 17
W24	20 32	4s53	1 38	13 36	2 26	24 3	0 51	5 46	1 11	22 7	0 44	16 17	2 2	17 3	0 21	0 23	1 22	22 22	5 2	12 58	12 29	26 48	12 13	7 18
T 25	20 43	11 1	0 25	13 42	2 28	24 10	0 53	6 0	1 11	22 7	0 44	16 19	2 2	17 2	0 21	0 23	1 22	22 22	5 2	12 59	12 27	26 47	12 13	7 18
F 26	20 55	16 48	0s52	13 51	2 29	24 15	0 56	6 15	1 10	22 6	0 44	16 20	2 2	17 1	0 21	0 23	1 22	22 23	5 2	12 59	12 26	26 46	12 12	7 19
S 27	21 6	21 49	2 7	14 4	2 28	24 20	0 58	6 29	1 10	22 5	0 44	16 22	2 2	17 1	0 21	0 23	1 22	22 23	5 3	12 58	12 25	26 45	12 12	7 20
S 28	21 17	25 34	3 15	14 20	2 26	24 24	1 0	6 43	1 10	22 5	0 44	16 24	2 2	17 0	0 21	0 23	1 22	22 23	5 3	12 57	12 24	26 44	12 12	7 20
M29	21 27	27 35	4 11	14 38	2 24	24 27	1 2	6 57	1 10	22 4	0 44	16 26	2 2	16 59	0 21	0 24	1 22	22 24	5 3	12 55	12 23	26 43	12 11	7 21
T 30	21s37	27s36	4s50	14s58	2n20	24s30	1s 5	7s11	1n10	22n 3	0s44	16s27	2n 2	16n59	0s21	0s24	1s22	22n24	5n 3	12n54	12n22	26n42	12n11	7s21

Julian Day Number = 2521245.5, Delta T = 154.30 sec
Ecliptic obliquity = 23°25'00, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°24'26, Lahiri = 26°31'26

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2190
geocentric

DECEMBER 2190 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 40 34	8♐59'59	27♑40	19♏14	1♑14	21♎49	16°R55	22♏49	18°R27	2°R 9	10°R40	4°R 5	2♉33	21♋30	3°R30	W 1
T 2	4 44 31	10° 0'45	12♒17	20°23	2°28	22°26	16♊47	22°56	18♉25	2♈ 8	10♌39	4♉ 1	2°30	21°36	3♌29	T 2
F 3	4 48 27	11° 1'32	26°36	21°35	3°43	23° 3	16°39	23° 3	18°23	2° 8	10°39	3°58	2°27	21°43	3°27	F 3
S 4	4 52 24	12° 2'20	10♓34	22°51	4°58	23°40	16°30	23°10	18°21	2° 8	10°38	3°D57	2°24	21°50	3°25	S 4
S 5	4 56 21	13° 3'09	24°11	24° 8	6°13	24°17	16°22	23°17	18°19	2° 7	10°37	3°58	2°21	21°56	3°23	S 5
M 6	5 0 17	14° 3'58	7♈29	25°28	7°27	24°54	16°14	23°24	18°16	2° 7	10°37	3°59	2°18	22° 3	3°21	M 6
T 7	5 4 14	15° 4'49	20°30	26°50	8°42	25°31	16° 6	23°30	18°14	2° 7	10°36	4° 0	2°14	22°10	3°19	T 7
W 8	5 8 10	16° 5'40	3♉15	28°13	9°57	26° 8	15°58	23°37	18°12	2° 7	10°35	4°R 1	2°11	22°17	3°17	W 8
T 9	5 12 7	17° 6'32	15°48	29°38	11°11	26°45	15°50	23°44	18°10	2° 6	10°35	4° 0	2° 8	22°23	3°15	T 9
F 10	5 16 3	18° 7'25	28°11	1♗ 4	12°26	27°22	15°41	23°51	18° 8	2° 6	10°34	3°58	2° 5	22°30	3°12	F 10
S 11	5 20 0	19° 8'19	10♊25	2°30	13°41	27°59	15°33	23°58	18° 6	2° 6	10°33	3°53	2° 2	22°37	3°10	S 11
S 12	5 23 56	20° 9'14	22°32	3°58	14°55	28°36	15°25	24° 4	18° 4	2° 6	10°32	3°45	1°58	22°44	3° 7	S 12
M13	5 27 53	21°10'10	4♋33	5°26	16°10	29°13	15°17	24°11	18° 2	2°D 6	10°32	3°36	1°55	22°50	3° 5	M13
T 14	5 31 50	22°11'07	16°29	6°55	17°25	29°50	15° 9	24°18	18° 0	2° 6	10°31	3°26	1°52	22°57	3° 2	T 14
W15	5 35 46	23°12'05	28°21	8°24	18°39	0♏27	15° 1	24°24	17°58	2° 6	10°30	3°17	1°49	23° 4	2°59	W15
T 16	5 39 43	24°13'04	10♌12	9°54	19°54	1° 3	14°53	24°31	17°56	2° 6	10°29	3° 8	1°46	23°10	2°57	T 16
F 17	5 43 39	25°14'04	22° 5	11°24	21° 8	1°40	14°45	24°37	17°54	2° 6	10°28	3° 0	1°43	23°17	2°54	F 17
S 18	5 47 36	26°15'05	4♍ 3	12°55	22°23	2°17	14°37	24°44	17°53	2° 7	10°27	2°55	1°39	23°24	2°51	S 18
S 19	5 51 32	27°16'07	16°10	14°26	23°37	2°54	14°29	24°50	17°51	2° 7	10°26	2°52	1°36	23°31	2°48	S 19
M20	5 55 29	28°17'09	28°31	15°57	24°52	3°30	14°22	24°57	17°49	2° 7	10°25	2°D51	1°33	23°37	2°44	M20
T 21	5 59 25	29°18'13	11♎10	17°28	26° 7	4° 7	14°14	25° 3	17°47	2° 7	10°25	2°52	1°30	23°44	2°41	T 21
W22	6 3 22	0♑19'17	24°12	19° 0	27°21	4°44	14° 6	25° 9	17°46	2° 8	10°24	2°53	1°27	23°51	2°38	W22
T 23	6 7 19	1°20'23	7♏42	20°32	28°36	5°21	13°59	25°16	17°44	2° 8	10°23	2°R53	1°24	23°57	2°35	T 23
F 24	6 11 15	2°21'29	21°41	22° 4	29°50	5°57	13°51	25°22	17°43	2° 8	10°22	2°51	1°20	24° 4	2°31	F 24
S 25	6 15 12	3°22'36	6♗ 8	23°36	1♒ 5	6°34	13°44	25°28	17°41	2° 9	10°20	2°47	1°17	24°11	2°28	S 25
S 26	6 19 8	4°23'44	21° 1	25° 9	2°19	7°10	13°37	25°34	17°40	2° 9	10°19	2°41	1°14	24°18	2°24	S 26
M27	6 23 5	5°24'52	6♑11	26°42	3°33	7°47	13°30	25°40	17°38	2° 9	10°18	2°32	1°11	24°24	2°21	M27
T 28	6 27 1	6°26'01	21°29	28°15	4°48	8°24	13°23	25°46	17°37	2°10	10°17	2°22	1° 8	24°31	2°17	T 28
W29	6 30 58	7°27'10	6♒42	29°48	6° 2	9° 0	13°16	25°52	17°35	2°11	10°16	2°12	1° 4	24°38	2°13	W29
T 30	6 34 54	8°28'19	21°41	1♑21	7°17	9°37	13° 9	25°58	17°34	2°11	10°15	2° 3	1° 1	24°45	2°10	T 30
F 31	6 38 51	9♑29'28	6♓17	2♑55	8♒31	10♏13	13♊ 3	26♏ 4	17♉33	2♈12	10♌14	1♉56	0♉58	24♋51	2♌ 6	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21s47	25s39	5s 9	15s20	2n16	24s31	1s 7	7s25	1n10	22n 3	0s44	16s29	2n 2	16n58	0s21	0s24	1s22	22n24	5n 3	12n52	12n21	26n41	12n11	7s22
T 2	21 56	22 1	5 8	15 43	2 12	24 32	1 9	7 39	1 10	22 2	0 44	16 31	2 2	16 58	0 21	0 24	1 22	22 25	5 4	12 51	12 20	26 40	12 11	7 23
F 3	22 4	17 8	4 47	16 7	2 6	24 33	1 11	7 53	1 9	22 1	0 44	16 33	2 2	16 57	0 21	0 24	1 22	22 25	5 4	12 50	12 19	26 39	12 10	7 23
S 4	22 13	11 27	4 10	16 31	2 1	24 32	1 13	8 6	1 9	22 1	0 43	16 34	2 2	16 56	0 21	0 24	1 22	22 25	5 4	12 49	12 18	26 38	12 10	7 24
S 5	22 21	5 21	3 19	16 56	1 55	24 31	1 15	8 20	1 9	22 0	0 43	16 36	2 2	16 56	0 21	0 24	1 21	22 26	5 4	12 50	12 17	26 37	12 10	7 25
M 6	22 28	0n50	2 19	17 22	1 48	24 29	1 17	8 34	1 9	21 59	0 43	16 38	2 2	16 55	0 21	0 24	1 21	22 26	5 4	12 50	12 15	26 37	12 10	7 25
T 7	22 35	6 52	1 13	17 47	1 41	24 26	1 18	8 47	1 9	21 59	0 43	16 39	2 2	16 55	0 21	0 24	1 21	22 26	5 4	12 51	12 14	26 36	12 10	7 26
W 8	22 41	12 31	0 4	18 12	1 35	24 23	1 20	9 1	1 9	21 58	0 43	16 41	2 3	16 54	0 21	0 24	1 21	22 27	5 5	12 51	12 13	26 35	12 10	7 26
T 9	22 48	17 34	1n 3	18 38	1 28	24 18	1 22	9 14	1 8	21 57	0 43	16 43	2 3	16 53	0 21	0 24	1 21	22 27	5 5	12 51	12 12	26 34	12 10	7 27
F 10	22 53	21 48	2 7	19 2	1 20	24 14	1 24	9 28	1 8	21 57	0 43	16 44	2 3	16 53	0 21	0 24	1 21	22 28	5 5	12 50	12 11	26 33	12 10	7 27
S 11	22 58	25 1	3 4	19 27	1 13	24 8	1 25	9 41	1 8	21 56	0 43	16 46	2 3	16 52	0 21	0 24	1 21	22 28	5 5	12 48	12 10	26 32	12 10	7 28
S 12	23 3	27 3	3 51	19 51	1 6	24 1	1 27	9 54	1 8	21 55	0 42	16 47	2 3	16 52	0 21	0 24	1 21	22 28	5 5	12 45	12 9	26 31	12 10	7 29
M13	23 7	27 48	4 28	20 14	0 58	23 54	1 29	10 8	1 8	21 54	0 42	16 49	2 3	16 51	0 21	0 24	1 21	22 29	5 6	12 42	12 8	26 30	12 10	7 29
T 14	23 11	27 15	4 53	20 37	0 51	23 46	1 30	10 21	1 8	21 54	0 42	16 50	2 3	16 51	0 21	0 24	1 21	22 29	5 6	12 39	12 7	26 29	12 10	7 30
W15	23 15	25 27	5 5	20 58	0 43	23 38	1 31	10 34	1 7	21 53	0 42	16 52	2 3	16 50	0 21	0 24	1 21	22 29	5 6	12 36	12 6	26 28	12 10	7 30
T 16	23 17	22 32	5 4	21 19	0 36	23 28	1 33	10 47	1 7	21 52	0 42	16 54	2 3	16 50	0 21	0 24	1 21	22 30	5 6	12 33	12 5	26 27	12 10	7 31
F 17	23 20	18 41	4 49	21 40	0 28	23 18	1 34	11 0	1 7	21 51	0 42	16 55	2 3	16 49	0 21	0 24	1 21	22 30	5 6	12 30	12 3	26 25	12 10	7 31
S 18	23 22	14 5	4 22	21 59	0 21	23 8	1 35	11 13	1 7	21 51	0 41	16 57	2 3	16 49	0 21	0 24	1 21	22 31	5 6	12 28	12 2	26 24	12 10	7 32
S 19	23 23	8 53	3 43	22 17	0 14	22 56	1 36	11 25	1 7	21 50	0 41	16 58	2 3	16 48	0 21	0 24	1 21	22 31	5 7	12 27	12 1	26 23	12 10	7 32
M20	23 24	3 15	2 53	22 34	0 6	22 44	1 38	11 38	1 6	21 49	0 41	16 59	2 3	16 48	0 21	0 24	1 21	22 32	5 7	12 27	12 0	26 22	12 11	7 33
T 21	23 25	2s40	1 54	22 50	0s 1	22 31	1 39	11 51	1 6	21 49	0 41	17 1	2 3	16 47	0 21	0 24	1 21	22 32	5 7	12 27	11 59	26 21	12 11	7 33
W22	23 25	8 40	0 46	23 6	0 8	22 18	1 40	12 3	1 6	21 48	0 41	17 2	2 3	16 47	0 21	0 24	1 21	22 32	5 7	12 28	11 58	26 20	12 11	7 33
T 23	23 25	14 28	0s26	23 20	0 15	22 4	1 41	12 16	1 6	21 47	0 41	17 4	2 3	16 47	0 21	0 23	1 21	22 33	5 7	12 28	11 57	26 19	12 11	7 34
F 24	23 24	19 45	1 39	23 32	0 22	21 49	1 41	12 28	1 5	21 46	0 40	17 5	2 4	16 46	0 21	0 23	1 21	22 33	5 7	12 27	11 56	26 18	12 12	7 34
S 25	23 22	24 4	2 48	23 44	0 28	21 34	1 42	12 40	1 5	21 46	0 40	17 7	2 4	16 46	0 20	0 23	1 21	22 34	5 8	12 26	11 55	26 17	12 12	7 35
S 26	23 21	26 53	3 47	23 55	0 35	21 18	1 43	12 52	1 5	21 45	0 40	17 8	2 4	16 45	0 20	0 23	1 21	22 34	5 8	12 23	11 54	26 16	12 12	7 35
M27	23 18	27 48	4 32	24 4	0 41	21 1	1 43	13 4	1 5	21 44	0 40	17 9	2 4	16 45	0 20	0 23	1 21	22 35	5 8	12 20	11 52	26 15	12 13	7 35
T 28	23 16	26 36	4 57	24 12	0 48	20 44	1 44	13 16	1 4	21 44	0 40	17 11	2 4	16 45	0 20	0 22	1 21	22 35	5 8	12 17	11 51	26 13	12 13	7 36
W29	23 12	23 27	5 2	24 19	0 54	20 26	1 44	13 28	1 4	21 43	0 39	17 12	2 4	16 44	0 20	0 22	1 21	22 36	5 8	12 14	11 50	26 12	12 14	7 36
T 30	23 9	18 46	4 45	24 24	1 0	20 8	1 45	13 40	1 4	21 42	0 39	17 13	2 4	16 44	0 20	0 22	1 21	22 36	5 8	12 10	11 49	26 11	12 14	7 37
F 31	23s 5	13s 4	4s10	24s28	1s 5	19s49	1s45	13s52	1n 4	21n42	0s39	17s14	2n 4	16n43	0s20	0s22	1s20	22n36	5n 8	12n 8	11n48	26n10	12n15	7s37

Julian Day Number = 2521275.5, Delta T = 154.38 sec
Ecliptic obliquity = 23°24'59, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°24'30, Lahiri = 26°31'30

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2191
geocentric

JANUARY 2191 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 42 48	10♑30'37	20♓27	4♑29	9♒45	10♏49	12°R56	26♏10	17°R31	2♈12	10°R13	1°R52	0♉55	24♋58	2°R 2	S 1
S 2	6 46 44	11°31'46	4♈ 9	6° 3	11° 0	11°26	12♊50	26°16	17♉30	2°13	10♌12	1♉51	0°52	25° 5	1♌58	S 2
M 3	6 50 41	12°32'54	17°25	7°38	12°14	12° 2	12°44	26°21	17°29	2°14	10°10	1°D51	0°49	25°11	1°54	M 3
T 4	6 54 37	13°34'03	0♉19	9°13	13°28	12°38	12°38	26°27	17°28	2°14	10° 9	1°R51	0°45	25°18	1°50	T 4
W 5	6 58 34	14°35'11	12°54	10°48	14°42	13°15	12°32	26°33	17°27	2°15	10° 8	1°50	0°42	25°25	1°46	W 5
T 6	7 2 30	15°36'19	25°14	12°24	15°57	13°51	12°26	26°38	17°26	2°16	10° 7	1°48	0°39	25°32	1°42	T 6
F 7	7 6 27	16°37'28	7♊25	14° 0	17°11	14°27	12°21	26°44	17°25	2°17	10° 6	1°43	0°36	25°38	1°38	F 7
S 8	7 10 24	17°38'36	19°27	15°36	18°25	15° 3	12°15	26°49	17°24	2°18	10° 4	1°35	0°33	25°45	1°34	S 8
S 9	7 14 20	18°39'43	1♋25	17°12	19°39	15°40	12°10	26°54	17°23	2°19	10° 3	1°24	0°30	25°52	1°30	S 9
M10	7 18 17	19°40'51	13°20	18°49	20°53	16°16	12° 5	27° 0	17°23	2°20	10° 2	1°10	0°26	25°59	1°26	M10
T 11	7 22 13	20°41'58	25°13	20°27	22° 7	16°52	12° 0	27° 5	17°22	2°21	10° 1	0°56	0°23	26° 5	1°21	T 11
W12	7 26 10	21°43'06	7♌ 6	22° 5	23°21	17°28	11°55	27°10	17°21	2°22	9°59	0°41	0°20	26°12	1°17	W12
T 13	7 30 6	22°44'13	18°59	23°43	24°35	18° 4	11°51	27°15	17°20	2°23	9°58	0°27	0°17	26°19	1°13	T 13
F 14	7 34 3	23°45'20	0♍55	25°22	25°49	18°40	11°47	27°20	17°20	2°24	9°57	0°15	0°14	26°25	1° 9	F 14
S 15	7 37 59	24°46'26	12°56	27° 1	27° 2	19°16	11°42	27°25	17°19	2°25	9°55	0° 6	0°10	26°32	1° 4	S 15
S 16	7 41 56	25°47'33	25° 4	28°40	28°16	19°52	11°38	27°30	17°19	2°26	9°54	0° 0	0° 7	26°39	1° 0	S 16
M17	7 45 53	26°48'39	7♎24	0♒20	29°30	20°28	11°35	27°35	17°18	2°27	9°53	29♈57	0° 4	26°46	0°56	M17
T 18	7 49 49	27°49'46	19°59	2° 1	0♓44	21° 4	11°31	27°39	17°18	2°28	9°51	29°56	0° 1	26°52	0°51	T 18
W19	7 53 46	28°50'52	2♏54	3°42	1°57	21°39	11°28	27°44	17°18	2°29	9°50	29°56	29♈58	26°59	0°47	W19
T 20	7 57 42	29°51'58	16°14	5°23	3°11	22°15	11°24	27°48	17°17	2°31	9°49	29°56	29°55	27° 6	0°42	T 20
F 21	8 1 39	0♒53'04	0♐ 2	7° 5	4°25	22°51	11°21	27°53	17°17	2°32	9°47	29°54	29°51	27°12	0°38	F 21
S 22	8 5 35	1°54'10	14°18	8°47	5°38	23°26	11°19	27°57	17°17	2°33	9°46	29°49	29°48	27°19	0°34	S 22
S 23	8 9 32	2°55'15	29° 3	10°30	6°52	24° 2	11°16	28° 2	17°17	2°35	9°45	29°42	29°45	27°26	0°29	S 23
M24	8 13 28	3°56'20	14♑ 9	12°12	8° 5	24°38	11°14	28° 6	17°17	2°36	9°43	29°32	29°42	27°33	0°25	M24
T 25	8 17 25	4°57'25	29°29	13°55	9°19	25°13	11°11	28°10	17°D17	2°37	9°42	29°20	29°39	27°39	0°21	T 25
W26	8 21 22	5°58'29	14♒50	15°38	10°32	25°49	11° 9	28°14	17°17	2°39	9°41	29° 8	29°36	27°46	0°16	W26
T 27	8 25 18	6°59'32	0♓ 0	17°21	11°45	26°24	11° 7	28°18	17°17	2°40	9°39	28°58	29°32	27°53	0°12	T 27
F 28	8 29 15	8° 0'34	14°51	19° 4	12°58	27° 0	11° 6	28°22	17°17	2°42	9°38	28°50	29°29	28° 0	0° 8	F 28
S 29	8 33 11	9° 1'35	29°14	20°47	14°12	27°35	11° 4	28°26	17°17	2°43	9°36	28°44	29°26	28° 6	0° 3	S 29
S 30	8 37 8	10° 2'35	13♈ 8	22°30	15°25	28°10	11° 3	28°30	17°17	2°45	9°35	28°41	29°23	28°13	29♋59	S 30
M31	8 41 4	11♒ 3'33	26♈32	24♒11	16♓38	28♏45	11♊ 2	28♏33	17♉18	2♈46	9♌34	28°D41	29♈20	28♋20	29♋55	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s 0	6s52	3s21	24s31	1s11	19s29	1s45	14s 3	1n 3	21n41	0s39	17s16	2n 4	16n43	0s20	0s21	1s20	22n37	5n 9	12n 7	11n47	26n 9	12n15	7s37
S 2	22 55	0 31	2 21	24 33	1 16	19 9	1 46	14 15	1 3	21 41	0 39	17 17	2 4	16 43	0 20	0 21	1 20	22 37	5 9	12 6	11 46	26 8	12 16	7 38
M 3	22 50	5n40	1 16	24 33	1 21	18 48	1 46	14 26	1 3	21 40	0 38	17 18	2 5	16 43	0 20	0 21	1 20	22 38	5 9	12 6	11 45	26 7	12 16	7 38
T 4	22 44	11 27	0 8	24 32	1 26	18 27	1 46	14 38	1 2	21 39	0 38	17 19	2 5	16 42	0 20	0 20	1 20	22 38	5 9	12 6	11 44	26 5	12 17	7 38
W 5	22 37	16 37	0n58	24 29	1 31	18 5	1 46	14 49	1 2	21 39	0 38	17 20	2 5	16 42	0 20	0 20	1 20	22 39	5 9	12 6	11 42	26 4	12 17	7 38
T 6	22 30	21 0	2 1	24 25	1 36	17 43	1 46	15 0	1 2	21 38	0 38	17 22	2 5	16 42	0 20	0 20	1 20	22 39	5 9	12 5	11 41	26 3	12 18	7 39
F 7	22 23	24 25	2 56	24 20	1 40	17 21	1 45	15 11	1 1	21 38	0 38	17 23	2 5	16 42	0 20	0 19	1 20	22 40	5 9	12 4	11 40	26 2	12 19	7 39
S 8	22 15	26 43	3 43	24 13	1 44	16 58	1 45	15 22	1 1	21 37	0 37	17 24	2 5	16 41	0 20	0 19	1 20	22 40	5 10	12 1	11 39	26 1	12 19	7 39
S 9	22 7	27 45	4 20	24 5	1 47	16 34	1 45	15 33	1 1	21 37	0 37	17 25	2 5	16 41	0 20	0 18	1 20	22 41	5 10	11 57	11 38	25 59	12 20	7 39
M10	21 58	27 29	4 45	23 55	1 51	16 10	1 44	15 43	1 0	21 36	0 37	17 26	2 5	16 41	0 20	0 18	1 20	22 41	5 10	11 52	11 37	25 58	12 21	7 39
T 11	21 49	25 57	4 58	23 44	1 54	15 46	1 44	15 54	1 0	21 36	0 37	17 27	2 5	16 41	0 20	0 18	1 20	22 42	5 10	11 47	11 36	25 57	12 21	7 40
W12	21 40	23 16	4 57	23 32	1 57	15 21	1 43	16 4	1 0	21 36	0 37	17 28	2 6	16 41	0 20	0 17	1 20	22 42	5 10	11 42	11 35	25 56	12 22	7 40
T 13	21 30	19 37	4 44	23 18	1 59	14 55	1 42	16 15	0 59	21 35	0 36	17 29	2 6	16 40	0 20	0 17	1 20	22 42	5 10	11 37	11 34	25 54	12 23	7 40
F 14	21 20	15 9	4 18	23 2	2 1	14 30	1 41	16 25	0 59	21 35	0 36	17 30	2 6	16 40	0 20	0 16	1 20	22 43	5 10	11 33	11 32	25 53	12 24	7 40
S 15	21 9	10 6	3 41	22 45	2 3	14 4	1 41	16 35	0 59	21 35	0 36	17 31	2 6	16 40	0 20	0 16	1 20	22 43	5 10	11 30	11 31	25 52	12 25	7 40
S 16	20 58	4 36	2 53	22 26	2 4	13 37	1 40	16 45	0 58	21 34	0 36	17 32	2 6	16 40	0 20	0 15	1 20	22 44	5 11	11 28	11 30	25 51	12 25	7 40
M17	20 46	1s 9	1 56	22 6	2 5	13 10	1 39	16 55	0 58	21 34	0 35	17 33	2 6	16 40	0 20	0 15	1 20	22 44	5 11	11 27	11 29	25 49	12 26	7 40
T 18	20 35	7 0	0 52	21 44	2 6	12 43	1 37	17 5	0 57	21 34	0 35	17 34	2 6	16 40	0 20	0 14	1 20	22 45	5 11	11 26	11 28	25 48	12 27	7 40
W19	20 22	12 43	0s16	21 21	2 6	12 16	1 36	17 15	0 57	21 33	0 35	17 35	2 7	16 40	0 20	0 14	1 20	22 45	5 11	11 26	11 27	25 47	12 28	7 40
T 20	20 10	18 2	1 25	20 57	2 6	11 48	1 35	17 24	0 57	21 33	0 35	17 36	2 7	16 40	0 20	0 13	1 20	22 46	5 11	11 26	11 26	25 45	12 29	7 41
F 21	19 56	22 36	2 32	20 30	2 5	11 20	1 34	17 34	0 56	21 33	0 35	17 36	2 7	16 40	0 20	0 13	1 20	22 46	5 11	11 25	11 25	25 44	12 30	7 41
S 22	19 43	25 59	3 31	20 3	2 4	10 52	1 32	17 43	0 56	21 33	0 34	17 37	2 7	16 40	0 20	0 12	1 20	22 47	5 11	11 24	11 24	25 43	12 30	7 41
S 23	19 29	27 43	4 19	19 34	2 3	10 23	1 31	17 52	0 55	21 33	0 34	17 38	2 7	16 40	0 20	0 12	1 20	22 47	5 11	11 21	11 22	25 42	12 31	7 41
M24	19 15	27 28	4 49	19 3	2 1	9 54	1 29	18 1	0 55	21 33	0 34	17 39	2 7	16 40	0 20	0 11	1 20	22 48	5 11	11 18	11 21	25 40	12 32	7 40
T 25	19 1	25 8	5 0	18 31	1 58	9 25	1 27	18 10	0 54	21 33	0 34	17 40	2 7	16 40	0 20	0 11	1 20	22 48	5 11	11 14	11 20	25 39	12 33	7 40
W26	18 46	20 58	4 49	17 57	1 55	8 56	1 25	18 19	0 54	21 32	0 33	17 40	2 8	16 40	0 20	0 10	1 20	22 49	5 11	11 9	11 19	25 38	12 34	7 40
T 27	18 30	15 28	4 18	17 22	1 51	8 26	1 24	18 28	0 54	21 32	0 33	17 41	2 8	16 40	0 20	0 9	1 20	22 49	5 12	11 6	11 18	25 36	12 35	7 40
F 28	18 15	9 11	3 29	16 46	1 46	7 56	1 22	18 36	0 53	21 32	0 33	17 42	2 8	16 40	0 20	0 9	1 19	22 49	5 12	11 3	11 17	25 35	12 36	7 40
S 29	17 59	2 35	2 29	16 9	1 41	7 26	1 20	18 45	0 53	21 32	0 33	17 43	2 8	16 40	0 20	0 8	1 19	22 50	5 12	11 1	11 16	25 33	12 37	7 40
S 30	17 43	3n56	1 21	15 30	1 35	6 56	1 18	18 53	0 52	21 33	0 33	17 43	2 8	16 40	0 20	0 7	1 19	22 50	5 12	11 0	11 15	25 32	12 38	7 40
M31	17s26	10n 3	0s11	14s50	1s29	6s26	1s15	19s 1	0n52	21n33	0s32	17s44	2n 8	16n40	0s20	0s 7	1s19	22n51	5n12	11n 0	11n13	25n31	12n39	7s40

Julian Day Number = 2521306.5, Delta T = 154.46 sec
Ecliptic obliquity = 23°24'59, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°24'34, Lahiri = 26°31'34

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2191
geocentric

FEBRUARY 2191 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 45 1	12♒ 4'31	9♉29	25♒52	17♓51	29♏21	11°R 2	28♏37	17♉18	2♈48	9°R32	28°R41	29♈16	28♋26	29°R50	T 1
W 2	8 48 57	13° 5'27	22° 5	27°32	19° 4	29°56	11♊ 1	28°40	17°18	2°49	9♌31	28♈40	29°13	28°33	29♋46	W 2
T 3	8 52 54	14° 6'23	4♊23	29°10	20°16	0♐31	11° 1	28°44	17°19	2°51	9°30	28°39	29°10	28°40	29°42	T 3
F 4	8 56 51	15° 7'17	16°28	0♓46	21°29	1° 6	11°D 0	28°47	17°19	2°53	9°28	28°34	29° 7	28°47	29°38	F 4
S 5	9 0 47	16° 8'09	28°26	2°20	22°42	1°41	11° 0	28°50	17°20	2°54	9°27	28°27	29° 4	28°53	29°34	S 5
S 6	9 4 44	17° 9'01	10♋19	3°52	23°55	2°16	11° 1	28°53	17°20	2°56	9°25	28°17	29° 1	29° 0	29°30	S 6
M 7	9 8 40	18° 9'51	22°10	5°19	25° 7	2°50	11° 1	28°56	17°21	2°58	9°24	28° 5	28°57	29° 7	29°26	M 7
T 8	9 12 37	19°10'40	4♌ 3	6°43	26°20	3°25	11° 2	28°59	17°22	3° 0	9°23	27°52	28°54	29°14	29°22	T 8
W 9	9 16 33	20°11'28	15°58	8° 2	27°32	4° 0	11° 3	29° 2	17°23	3° 1	9°21	27°38	28°51	29°20	29°18	W 9
T 10	9 20 30	21°12'14	27°56	9°16	28°44	4°34	11° 4	29° 5	17°23	3° 3	9°20	27°26	28°48	29°27	29°14	T 10
F 11	9 24 26	22°13'00	10♍ 0	10°24	29°56	5° 9	11° 5	29° 8	17°24	3° 5	9°19	27°15	28°45	29°34	29°10	F 11
S 12	9 28 23	23°13'44	22° 9	11°25	1♈ 8	5°44	11° 6	29°10	17°25	3° 7	9°17	27° 7	28°42	29°40	29° 6	S 12
S 13	9 32 20	24°14'27	4♎27	12°18	2°21	6°18	11° 8	29°13	17°26	3° 9	9°16	27° 2	28°38	29°47	29° 2	S 13
M14	9 36 16	25°15'08	16°54	13° 3	3°32	6°52	11°10	29°15	17°27	3°10	9°15	26°59	28°35	29°54	28°58	M14
T 15	9 40 13	26°15'49	29°35	13°39	4°44	7°27	11°12	29°17	17°28	3°12	9°13	26°D59	28°32	0♌ 1	28°55	T 15
W16	9 44 9	27°16'29	12♏32	14° 5	5°56	8° 1	11°14	29°20	17°29	3°14	9°12	26°59	28°29	0° 7	28°51	W16
T 17	9 48 6	28°17'07	25°48	14°21	7° 8	8°35	11°17	29°22	17°30	3°16	9°11	27°R 0	28°26	0°14	28°47	T 17
F 18	9 52 2	29°17'45	9♐27	14°R27	8°19	9° 9	11°19	29°24	17°32	3°18	9° 9	27° 0	28°22	0°21	28°44	F 18
S 19	9 55 59	0♓18'21	23°30	14°22	9°31	9°43	11°22	29°25	17°33	3°20	9° 8	26°57	28°19	0°27	28°41	S 19
S 20	9 59 55	1°18'57	7♑56	14° 7	10°42	10°17	11°25	29°27	17°34	3°22	9° 7	26°53	28°16	0°34	28°37	S 20
M21	10 3 52	2°19'31	22°44	13°42	11°53	10°51	11°28	29°29	17°36	3°24	9° 6	26°46	28°13	0°41	28°34	M21
T 22	10 7 49	3°20'03	7♒46	13° 7	13° 5	11°25	11°32	29°31	17°37	3°26	9° 4	26°38	28°10	0°48	28°31	T 22
W23	10 11 45	4°20'35	22°54	12°24	14°16	11°59	11°35	29°32	17°38	3°28	9° 3	26°29	28° 7	0°54	28°27	W23
T 24	10 15 42	5°21'04	7♓57	11°33	15°27	12°32	11°39	29°33	17°40	3°30	9° 2	26°21	28° 3	1° 1	28°24	T 24
F 25	10 19 38	6°21'32	22°46	10°36	16°37	13° 6	11°43	29°35	17°42	3°32	9° 1	26°15	28° 0	1° 8	28°21	F 25
S 26	10 23 35	7°21'59	7♈14	9°35	17°48	13°39	11°47	29°36	17°43	3°34	9° 0	26°11	27°57	1°15	28°18	S 26
S 27	10 27 31	8°22'23	21°14	8°31	18°59	14°12	11°52	29°37	17°45	3°36	8°58	26°D10	27°54	1°21	28°15	S 27
M28	10 31 28	9♓22'46	4♉46	7♓26	20♈ 9	14♐46	11♊56	29♏38	17♉46	3♈39	8♌57	26♈10	27♈51	1♌28	28♋12	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s 9	15n32	0n57	14s10	1s21	5s55	1s13	19s10	0n51	21n33	0s32	17s44	2n 9	16n40	0s20	0s 6	1s19	22n51	5n12	11n 0	11n12	25n29	12n40	7s40
W 2	16 52	20 13	2 1	13 28	1 13	5 25	1 11	19 18	0 51	21 33	0 32	17 45	2 9	16 40	0 20	0 6	1 19	22 52	5 12	11 0	11 11	25 28	12 41	7 40
T 3	16 35	23 54	2 57	12 46	1 5	4 54	1 8	19 25	0 50	21 33	0 32	17 46	2 9	16 40	0 20	0 5	1 19	22 52	5 12	10 59	11 10	25 27	12 42	7 39
F 4	16 17	26 27	3 44	12 3	0 55	4 23	1 6	19 33	0 49	21 33	0 31	17 46	2 9	16 41	0 19	0 4	1 19	22 53	5 12	10 57	11 9	25 25	12 43	7 39
S 5	15 59	27 46	4 21	11 20	0 45	3 52	1 3	19 41	0 49	21 33	0 31	17 47	2 9	16 41	0 19	0 3	1 19	22 53	5 12	10 55	11 8	25 24	12 44	7 39
S 6	15 41	27 47	4 47	10 36	0 34	3 21	1 1	19 48	0 48	21 34	0 31	17 47	2 9	16 41	0 19	0 3	1 19	22 53	5 12	10 51	11 7	25 22	12 45	7 39
M 7	15 22	26 31	4 59	9 53	0 22	2 49	0 58	19 56	0 48	21 34	0 31	17 48	2 10	16 41	0 19	0 2	1 19	22 54	5 12	10 47	11 6	25 21	12 46	7 38
T 8	15 3	24 4	4 59	9 11	0 9	2 18	0 55	20 3	0 47	21 34	0 31	17 48	2 10	16 41	0 19	0 1	1 19	22 54	5 12	10 42	11 4	25 19	12 47	7 38
W 9	14 44	20 35	4 46	8 29	0n 4	1 47	0 52	20 10	0 47	21 35	0 30	17 49	2 10	16 42	0 19	0 1	1 19	22 55	5 12	10 37	11 3	25 18	12 48	7 38
T 10	14 25	16 15	4 20	7 48	0 18	1 15	0 49	20 17	0 46	21 35	0 30	17 49	2 10	16 42	0 19	0n 0	1 19	22 55	5 12	10 33	11 2	25 16	12 49	7 38
F 11	14 6	11 15	3 42	7 9	0 33	0 44	0 46	20 24	0 45	21 35	0 30	17 49	2 10	16 42	0 19	0 1	1 19	22 55	5 12	10 29	11 1	25 15	12 50	7 37
S 12	13 46	5 47	2 54	6 32	0 48	0 13	0 43	20 30	0 45	21 36	0 30	17 50	2 11	16 42	0 19	0 2	1 19	22 56	5 13	10 26	11 0	25 14	12 52	7 37
S 13	13 26	0 2	1 57	5 57	1 4	0n19	0 40	20 37	0 44	21 36	0 29	17 50	2 11	16 43	0 19	0 2	1 19	22 56	5 13	10 24	10 59	25 12	12 53	7 37
M14	13 6	5s49	0 53	5 25	1 20	0 50	0 37	20 43	0 43	21 37	0 29	17 50	2 11	16 43	0 19	0 3	1 19	22 57	5 13	10 23	10 58	25 11	12 54	7 36
T 15	12 45	11 32	0s14	4 57	1 36	1 22	0 34	20 50	0 43	21 37	0 29	17 51	2 11	16 43	0 19	0 4	1 19	22 57	5 13	10 23	10 57	25 9	12 55	7 36
W16	12 24	16 53	1 22	4 32	1 53	1 53	0 30	20 56	0 42	21 38	0 29	17 51	2 11	16 44	0 19	0 5	1 19	22 57	5 13	10 23	10 55	25 8	12 56	7 36
T 17	12 4	21 35	2 28	4 11	2 8	2 25	0 27	21 2	0 41	21 38	0 29	17 51	2 11	16 44	0 19	0 5	1 19	22 58	5 13	10 24	10 54	25 6	12 57	7 35
F 18	11 42	25 15	3 27	3 54	2 24	2 56	0 24	21 8	0 41	21 39	0 28	17 51	2 12	16 44	0 19	0 6	1 19	22 58	5 13	10 23	10 53	25 5	12 58	7 35
S 19	11 21	27 30	4 15	3 42	2 39	3 27	0 20	21 14	0 40	21 39	0 28	17 52	2 12	16 45	0 19	0 7	1 19	22 59	5 13	10 23	10 52	25 3	12 59	7 35
S 20	11 0	27 59	4 49	3 35	2 53	3 59	0 17	21 19	0 39	21 40	0 28	17 52	2 12	16 45	0 19	0 8	1 19	22 59	5 13	10 21	10 51	25 2	13 0	7 34
M21	10 38	26 30	5 5	3 33	3 5	4 30	0 13	21 25	0 39	21 41	0 28	17 52	2 12	16 46	0 19	0 9	1 19	22 59	5 13	10 19	10 50	25 0	13 1	7 34
T 22	10 16	23 8	5 0	3 36	3 16	5 1	0 9	21 30	0 38	21 41	0 28	17 52	2 12	16 46	0 19	0 9	1 19	23 0	5 13	10 16	10 49	24 59	13 2	7 33
W23	9 55	18 11	4 34	3 44	3 26	5 32	0 6	21 36	0 37	21 42	0 27	17 52	2 13	16 46	0 19	0 10	1 19	23 0	5 13	10 13	10 48	24 57	13 3	7 33
T 24	9 32	12 7	3 49	3 56	3 33	6 3	0 2	21 41	0 36	21 43	0 27	17 52	2 13	16 47	0 19	0 11	1 19	23 0	5 13	10 10	10 46	24 55	13 4	7 32
F 25	9 10	5 28	2 50	4 12	3 39	6 33	0n 2	21 46	0 35	21 43	0 27	17 53	2 13	16 47	0 19	0 12	1 19	23 1	5 13	10 8	10 45	24 54	13 5	7 32
S 26	8 48	1n20	1 40	4 32	3 42	7 4	0 6	21 51	0 35	21 44	0 27	17 53	2 13	16 48	0 19	0 13	1 19	23 1	5 13	10 6	10 44	24 52	13 6	7 31
S 27	8 25	7 52	0 27	4 55	3 43	7 34	0 10	21 55	0 34	21 45	0 27	17 53	2 13	16 48	0 19	0 14	1 19	23 1	5 13	10 6	10 43	24 51	13 7	7 31
M28	8s 3	13n50	0n46	5s21	3n41	8n 5	0n13	22s 0	0n33	21n46	0s26	17s53	2n14	16n49	0s19	0n14	1s19	23n 2	5n13	10n 6	10n42	24n49	13n 8	7s30

Julian Day Number = 2521337.5, Delta T = 154.54 sec
Ecliptic obliquity = 23°25'00, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°24'38, Lahiri = 26°31'39

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2191
geocentric

MARCH 2191 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 35 24	10♓23'07	17♉52	6°R20	21♈20	15♐19	12♊ 1	29♏39	17♉48	3♈41	8°R56	26♈11	27♈47	1♌35	28°R10	T 1
W 2	10 39 21	11°23'26	0♊33	5♓17	22°30	15°52	12° 6	29°40	17°50	3°43	8♌55	26°12	27°44	1°41	28♋ 7	W 2
T 3	10 43 18	12°23'42	12°55	4°17	23°40	16°25	12°11	29°40	17°52	3°45	8°54	26°R13	27°41	1°48	28° 4	T 3
F 4	10 47 14	13°23'57	25° 3	3°22	24°50	16°58	12°16	29°41	17°54	3°47	8°53	26°12	27°38	1°55	28° 2	F 4
S 5	10 51 11	14°24'10	7♋ 0	2°31	26° 0	17°30	12°21	29°41	17°56	3°49	8°52	26° 9	27°35	2° 2	28° 0	S 5
S 6	10 55 7	15°24'21	18°53	1°47	27° 9	18° 3	12°27	29°42	17°58	3°51	8°51	26° 5	27°32	2° 8	27°57	S 6
M 7	10 59 4	16°24'30	0♌44	1° 9	28°19	18°35	12°33	29°42	18° 0	3°54	8°50	25°59	27°28	2°15	27°55	M 7
T 8	11 3 0	17°24'37	12°38	0°38	29°28	19° 8	12°38	29°42	18° 2	3°56	8°49	25°52	27°25	2°22	27°53	T 8
W 9	11 6 57	18°24'42	24°36	0°14	0♉37	19°40	12°44	29°R42	18° 4	3°58	8°47	25°44	27°22	2°28	27°51	W 9
T 10	11 10 53	19°24'45	6♍41	29♒57	1°46	20°12	12°51	29°42	18° 6	4° 0	8°46	25°38	27°19	2°35	27°49	T 10
F 11	11 14 50	20°24'45	18°55	29°46	2°55	20°44	12°57	29°42	18° 8	4° 2	8°46	25°32	27°16	2°42	27°47	F 11
S 12	11 18 47	21°24'44	1♎18	29°D42	4° 4	21°16	13° 4	29°42	18°10	4° 5	8°45	25°28	27°13	2°49	27°45	S 12
S 13	11 22 43	22°24'42	13°52	29°45	5°12	21°48	13°10	29°41	18°12	4° 7	8°44	25°25	27° 9	2°55	27°43	S 13
M14	11 26 40	23°24'37	26°36	29°53	6°21	22°20	13°17	29°41	18°15	4° 9	8°43	25°D25	27° 6	3° 2	27°42	M14
T 15	11 30 36	24°24'31	9♏33	0♓ 7	7°29	22°52	13°24	29°40	18°17	4°11	8°42	25°26	27° 3	3° 9	27°40	T 15
W16	11 34 33	25°24'23	22°43	0°27	8°37	23°23	13°31	29°39	18°19	4°14	8°41	25°27	27° 0	3°16	27°39	W16
T 17	11 38 29	26°24'13	6♐ 8	0°52	9°45	23°54	13°39	29°39	18°22	4°16	8°40	25°29	26°57	3°22	27°37	T 17
F 18	11 42 26	27°24'02	19°49	1°21	10°53	24°26	13°46	29°38	18°24	4°18	8°39	25°30	26°53	3°29	27°36	F 18
S 19	11 46 22	28°23'49	3♑47	1°55	12° 0	24°57	13°54	29°37	18°27	4°20	8°38	25°R30	26°50	3°36	27°35	S 19
S 20	11 50 19	29°23'34	18° 0	2°33	13° 7	25°28	14° 1	29°36	18°29	4°23	8°38	25°29	26°47	3°42	27°34	S 20
M21	11 54 16	0♈23'18	2♒27	3°15	14°14	25°58	14° 9	29°35	18°32	4°25	8°37	25°26	26°44	3°49	27°33	M21
T 22	11 58 12	1°23'00	17° 4	4° 1	15°21	26°29	14°17	29°33	18°34	4°27	8°36	25°23	26°41	3°56	27°32	T 22
W23	12 2 9	2°22'40	1♓45	4°50	16°28	27° 0	14°25	29°32	18°37	4°29	8°35	25°20	26°38	4° 3	27°31	W23
T 24	12 6 5	3°22'19	16°25	5°43	17°34	27°30	14°33	29°31	18°40	4°32	8°35	25°17	26°34	4° 9	27°31	T 24
F 25	12 10 2	4°21'55	0♈55	6°38	18°40	28° 0	14°42	29°29	18°42	4°34	8°34	25°15	26°31	4°16	27°30	F 25
S 26	12 13 58	5°21'29	15° 9	7°37	19°46	28°30	14°50	29°27	18°45	4°36	8°33	25°14	26°28	4°23	27°29	S 26
S 27	12 17 55	6°21'02	29° 3	8°38	20°52	29° 0	14°59	29°26	18°48	4°39	8°33	25°D13	26°25	4°29	27°29	S 27
M28	12 21 51	7°20'32	12♉35	9°42	21°58	29°29	15° 8	29°24	18°51	4°41	8°32	25°14	26°22	4°36	27°29	M28
T 29	12 25 48	8°20'00	25°43	10°48	23° 3	29°59	15°17	29°22	18°53	4°43	8°31	25°15	26°19	4°43	27°29	T 29
W30	12 29 44	9°19'26	8♊29	11°57	24° 8	0♑28	15°26	29°20	18°56	4°45	8°31	25°17	26°15	4°50	27°D28	W30
T 31	12 33 41	10♈18'50	20♊55	13♓ 7	25♉13	0♑57	15♊35	29♏18	18♉59	4♈48	8♌30	25♈18	26♈12	4♌56	27♋29	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s40	18n58	1n54	5s48	3n38	8n35	0n17	22s 5	0n32	21n47	0s26	17s53	2n14	16n49	0s19	0n15	1s19	23n 2	5n13	10n 6	10n41	24n48	13n 9	7s30
W 2	7 17	23 6	2 55	6 16	3 32	9 5	0 21	22 9	0 31	21 47	0 26	17 53	2 14	16 50	0 19	0 16	1 19	23 2	5 13	10 7	10 40	24 46	13 11	7 29
T 3	6 54	26 3	3 45	6 45	3 25	9 34	0 25	22 13	0 30	21 48	0 26	17 53	2 14	16 50	0 19	0 17	1 19	23 2	5 13	10 7	10 38	24 44	13 12	7 29
F 4	6 31	27 44	4 25	7 13	3 16	10 4	0 30	22 17	0 30	21 49	0 26	17 53	2 14	16 51	0 19	0 18	1 19	23 3	5 13	10 6	10 37	24 43	13 13	7 28
S 5	6 8	28 6	4 52	7 41	3 5	10 33	0 34	22 21	0 29	21 50	0 25	17 52	2 15	16 51	0 19	0 19	1 19	23 3	5 13	10 5	10 36	24 41	13 14	7 28
S 6	5 45	27 9	5 7	8 7	2 54	11 2	0 38	22 25	0 28	21 51	0 25	17 52	2 15	16 52	0 19	0 20	1 19	23 3	5 13	10 4	10 35	24 39	13 15	7 27
M 7	5 22	24 59	5 8	8 32	2 41	11 31	0 42	22 29	0 27	21 52	0 25	17 52	2 15	16 53	0 19	0 20	1 19	23 4	5 13	10 2	10 34	24 38	13 16	7 27
T 8	4 58	21 44	4 56	8 56	2 28	12 0	0 46	22 33	0 26	21 53	0 25	17 52	2 15	16 53	0 19	0 21	1 19	23 4	5 13	9 59	10 33	24 36	13 17	7 26
W 9	4 35	17 34	4 31	9 17	2 14	12 28	0 50	22 36	0 25	21 54	0 25	17 52	2 15	16 54	0 19	0 22	1 19	23 4	5 13	9 56	10 32	24 35	13 17	7 25
T 10	4 11	12 40	3 54	9 36	2 0	12 56	0 54	22 40	0 24	21 55	0 24	17 52	2 15	16 54	0 19	0 23	1 19	23 4	5 13	9 54	10 30	24 33	13 18	7 25
F 11	3 48	7 14	3 6	9 53	1 46	13 24	0 59	22 43	0 23	21 56	0 24	17 51	2 16	16 55	0 19	0 24	1 19	23 5	5 13	9 52	10 29	24 31	13 19	7 24
S 12	3 24	1 26	2 8	10 8	1 32	13 51	1 3	22 46	0 22	21 57	0 24	17 51	2 16	16 56	0 19	0 25	1 19	23 5	5 13	9 50	10 28	24 30	13 20	7 24
S 13	3 0	4s30	1 3	10 20	1 17	14 18	1 7	22 49	0 21	21 58	0 24	17 51	2 16	16 56	0 19	0 26	1 19	23 5	5 13	9 49	10 27	24 28	13 21	7 23
M14	2 37	10 21	0s 7	10 31	1 3	14 45	1 12	22 52	0 20	21 59	0 24	17 51	2 16	16 57	0 19	0 27	1 19	23 5	5 13	9 49	10 26	24 26	13 22	7 22
T 15	2 13	15 52	1 17	10 39	0 50	15 11	1 16	22 55	0 19	22 0	0 24	17 50	2 16	16 58	0 19	0 28	1 19	23 6	5 13	9 49	10 25	24 25	13 23	7 22
W16	1 49	20 45	2 24	10 44	0 36	15 38	1 20	22 58	0 17	22 1	0 23	17 50	2 17	16 58	0 19	0 28	1 19	23 6	5 13	9 50	10 24	24 23	13 24	7 21
T 17	1 26	24 40	3 25	10 48	0 23	16 3	1 24	23 0	0 16	22 2	0 23	17 50	2 17	16 59	0 19	0 29	1 19	23 6	5 13	9 51	10 22	24 21	13 25	7 20
F 18	1 2	27 16	4 15	10 49	0 10	16 29	1 29	23 3	0 15	22 3	0 23	17 49	2 17	17 0	0 18	0 30	1 19	23 6	5 12	9 51	10 21	24 19	13 26	7 20
S 19	0 38	28 13	4 51	10 49	0s 2	16 54	1 33	23 5	0 14	22 4	0 23	17 49	2 17	17 0	0 18	0 31	1 19	23 6	5 12	9 51	10 20	24 18	13 27	7 19
S 20	0 14	27 21	5 11	10 46	0 14	17 18	1 37	23 8	0 13	22 5	0 23	17 49	2 17	17 1	0 18	0 32	1 19	23 7	5 12	9 51	10 19	24 16	13 27	7 19
M21	0n 9	24 39	5 11	10 41	0 25	17 43	1 42	23 10	0 12	22 6	0 22	17 48	2 17	17 2	0 18	0 33	1 19	23 7	5 12	9 50	10 18	24 14	13 28	7 18
T 22	0 33	20 20	4 52	10 35	0 36	18 7	1 46	23 12	0 10	22 7	0 22	17 48	2 18	17 2	0 18	0 34	1 19	23 7	5 12	9 49	10 17	24 13	13 29	7 17
W23	0 57	14 46	4 13	10 27	0 46	18 30	1 50	23 14	0 9	22 8	0 22	17 47	2 18	17 3	0 18	0 35	1 19	23 7	5 12	9 47	10 16	24 11	13 30	7 17
T 24	1 20	8 23	3 17	10 17	0 56	18 53	1 54	23 16	0 8	22 10	0 22	17 47	2 18	17 4	0 18	0 36	1 19	23 7	5 12	9 46	10 14	24 9	13 31	7 16
F 25	1 44	1 37	2 10	10 5	1 6	19 16	1 59	23 18	0 7	22 11	0 22	17 46	2 18	17 5	0 18	0 37	1 19	23 7	5 12	9 46	10 13	24 7	13 31	7 15
S 26	2 8	5n 7	0 55	9 52	1 15	19 38	2 3	23 19	0 5	22 12	0 22	17 46	2 18	17 5	0 18	0 37	1 19	23 7	5 12	9 45	10 12	24 6	13 32	7 14
S 27	2 31	11 27	0n21	9 37	1 23	20 0	2 7	23 21	0 4	22 13	0 21	17 45	2 18	17 6	0 18	0 38	1 19	23 8	5 12	9 45	10 11	24 4	13 33	7 14
M28	2 55	17 6	1 34	9 20	1 31	20 21	2 11	23 22	0 2	22 14	0 21	17 45	2 19	17 7	0 18	0 39	1 19	23 8	5 12	9 45	10 10	24 2	13 34	7 13
T 29	3 18	21 46	2 40	9 2	1 39	20 42	2 15	23 24	0 1	22 15	0 21	17 44	2 19	17 8	0 18	0 40	1 19	23 8	5 12	9 46	10 9	24 0	13 34	7 12
W30	3 42	25 16	3 37	8 42	1 46	21 2	2 19	23 25	0s 0	22 16	0 21	17 44	2 19	17 9	0 18	0 41	1 19	23 8	5 12	9 46	10 8	23 58	13 35	7 12
T 31	4n 5	27n27	4n21	8s21	1s52	21n22	2n23	23s27	0s 2	22n18	0s21	17s43	2n19	17n 9	0s18	0n42	1s19	23n 8	5n12	9n47	10n 6	23n57	13n36	7s11

Julian Day Number = 2521365.5, Delta T = 154.61 sec
Ecliptic obliquity = 23°25'00, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°24'42, Lahiri = 26°31'43

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2191
geocentric

APRIL 2191 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 37 38	11♈18'11	3♋ 7	14♓20	26♉17	1♑26	15♊44	29°R16	19♉ 2	4♈50	8°R30	25♈18	26♈ 9	5♌ 3	27♋29	F 1
S 2	12 41 34	12°17'30	15° 7	15°35	27°22	1°55	15°54	29♏13	19° 5	4°52	8♌29	25°R19	26° 6	5°10	27°29	S 2
S 3	12 45 31	13°16'47	27° 1	16°52	28°25	2°23	16° 3	29°11	19° 8	4°54	8°29	25°18	26° 3	5°17	27°29	S 3
M 4	12 49 27	14°16'01	8♌54	18°10	29°29	2°52	16°13	29° 9	19°11	4°57	8°28	25°17	25°59	5°23	27°30	M 4
T 5	12 53 24	15°15'13	20°49	19°31	0♊32	3°20	16°23	29° 6	19°14	4°59	8°28	25°16	25°56	5°30	27°30	T 5
W 6	12 57 20	16°14'23	2♍50	20°53	1°35	3°48	16°32	29° 3	19°17	5° 1	8°28	25°15	25°53	5°37	27°31	W 6
T 7	13 1 17	17°13'31	15° 1	22°17	2°38	4°15	16°42	29° 1	19°20	5° 3	8°27	25°13	25°50	5°43	27°31	T 7
F 8	13 5 13	18°12'36	27°24	23°43	3°40	4°43	16°52	28°58	19°23	5° 6	8°27	25°13	25°47	5°50	27°32	F 8
S 9	13 9 10	19°11'40	10♎ 2	25°10	4°42	5°10	17° 3	28°55	19°26	5° 8	8°26	25°12	25°44	5°57	27°33	S 9
S 10	13 13 7	20°10'41	22°54	26°39	5°44	5°37	17°13	28°52	19°29	5°10	8°26	25°D12	25°40	6° 4	27°34	S 10
M11	13 17 3	21° 9'40	6♏ 0	28°10	6°45	6° 4	17°23	28°49	19°32	5°12	8°26	25°12	25°37	6°10	27°35	M11
T 12	13 21 0	22° 8'37	19°21	29°42	7°46	6°30	17°34	28°46	19°35	5°15	8°26	25°12	25°34	6°17	27°36	T 12
W13	13 24 56	23° 7'33	2♐55	1♈16	8°47	6°57	17°44	28°43	19°39	5°17	8°25	25°12	25°31	6°24	27°38	W13
T 14	13 28 53	24° 6'27	16°41	2°51	9°47	7°23	17°55	28°40	19°42	5°19	8°25	25°12	25°28	6°30	27°39	T 14
F 15	13 32 49	25° 5'19	0♑37	4°28	10°47	7°49	18° 6	28°36	19°45	5°21	8°25	25°R13	25°25	6°37	27°41	F 15
S 16	13 36 46	26° 4'09	14°42	6° 7	11°46	8°14	18°17	28°33	19°48	5°23	8°25	25°12	25°21	6°44	27°42	S 16
S 17	13 40 42	27° 2'58	28°52	7°47	12°45	8°39	18°27	28°29	19°52	5°25	8°25	25°D12	25°18	6°51	27°44	S 17
M18	13 44 39	28° 1'45	13♒ 7	9°28	13°43	9° 4	18°39	28°26	19°55	5°28	8°25	25°13	25°15	6°57	27°46	M18
T 19	13 48 36	29° 0'30	27°23	11°12	14°41	9°29	18°50	28°22	19°58	5°30	8°25	25°13	25°12	7° 4	27°47	T 19
W20	13 52 32	29°59'13	11♓38	12°56	15°39	9°53	19° 1	28°19	20° 1	5°32	8°25	25°13	25° 9	7°11	27°49	W20
T 21	13 56 29	0♉57'55	25°48	14°43	16°36	10°17	19°12	28°15	20° 5	5°34	8°D25	25°14	25° 5	7°18	27°52	T 21
F 22	14 0 25	1°56'35	9♈50	16°31	17°33	10°41	19°23	28°11	20° 8	5°36	8°25	25°14	25° 2	7°24	27°54	F 22
S 23	14 4 22	2°55'13	23°41	18°20	18°29	11° 5	19°35	28° 8	20°11	5°38	8°25	25°R14	24°59	7°31	27°56	S 23
S 24	14 8 18	3°53'50	7♉16	20°12	19°24	11°28	19°46	28° 4	20°15	5°40	8°25	25°14	24°56	7°38	27°58	S 24
M25	14 12 15	4°52'24	20°35	22° 4	20°19	11°50	19°58	28° 0	20°18	5°42	8°25	25°14	24°53	7°44	28° 1	M25
T 26	14 16 11	5°50'57	3♊36	23°59	21°14	12°13	20°10	27°56	20°22	5°44	8°25	25°12	24°50	7°51	28° 3	T 26
W27	14 20 8	6°49'27	16°19	25°55	22° 7	12°35	20°22	27°52	20°25	5°46	8°25	25°11	24°46	7°58	28° 6	W27
T 28	14 24 5	7°47'56	28°45	27°53	23° 1	12°57	20°33	27°48	20°28	5°48	8°25	25° 9	24°43	8° 5	28° 9	T 28
F 29	14 28 1	8°46'22	10♋58	29°52	23°53	13°18	20°45	27°44	20°32	5°50	8°26	25° 7	24°40	8°11	28°11	F 29
S 30	14 31 58	9♉44'47	23♋ 0	1♉53	24♊45	13♑39	20♊57	27♏39	20♉35	5♈52	8♌26	25♈ 6	24♈37	8♌18	28♋14	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	4n28	28n15	4n53	7s58	1s58	21n42	2n28	23s28	0s 3	22n19	0s21	17s42	2n19	17n10	0s18	0n43	1s19	23n 8	5n12	9n47	10n 5	23n55	13n36	7s10
S 2	4 51	27 43	5 11	7 35	2 3	22 1	2 31	23 29	0 5	22 20	0 21	17 42	2 19	17 11	0 18	0 44	1 19	23 8	5 12	9 47	10 4	23 53	13 37	7 10
S 3	5 14	25 54	5 16	7 9	2 8	22 19	2 35	23 30	0 6	22 21	0 20	17 41	2 19	17 12	0 18	0 45	1 19	23 8	5 12	9 47	10 3	23 51	13 38	7 9
M 4	5 37	22 57	5 7	6 43	2 13	22 37	2 39	23 31	0 8	22 22	0 20	17 41	2 20	17 13	0 18	0 45	1 19	23 8	5 12	9 46	10 2	23 49	13 38	7 8
T 5	6 0	19 3	4 45	6 15	2 17	22 54	2 43	23 32	0 9	22 23	0 20	17 40	2 20	17 14	0 18	0 46	1 19	23 8	5 12	9 46	10 1	23 48	13 39	7 8
W 6	6 23	14 21	4 11	5 46	2 20	23 11	2 47	23 33	0 11	22 24	0 20	17 39	2 20	17 14	0 18	0 47	1 19	23 8	5 12	9 45	9 59	23 46	13 39	7 7
T 7	6 46	9 2	3 24	5 15	2 23	23 27	2 51	23 34	0 13	22 26	0 20	17 38	2 20	17 15	0 18	0 48	1 19	23 8	5 12	9 45	9 58	23 44	13 40	7 6
F 8	7 8	3 18	2 28	4 44	2 26	23 43	2 54	23 34	0 14	22 27	0 20	17 38	2 20	17 16	0 18	0 49	1 19	23 8	5 11	9 45	9 57	23 42	13 41	7 5
S 9	7 30	2s42	1 23	4 11	2 28	23 58	2 58	23 35	0 16	22 28	0 19	17 37	2 20	17 17	0 18	0 50	1 19	23 8	5 11	9 45	9 56	23 40	13 41	7 5
S 10	7 53	8 42	0 13	3 37	2 30	24 13	3 2	23 36	0 18	22 29	0 19	17 36	2 20	17 18	0 18	0 51	1 19	23 9	5 11	9 44	9 55	23 38	13 42	7 4
M11	8 15	14 27	1s 0	3 2	2 31	24 27	3 5	23 36	0 20	22 30	0 19	17 35	2 20	17 19	0 18	0 52	1 19	23 9	5 11	9 44	9 54	23 36	13 42	7 3
T 12	8 37	19 38	2 10	2 26	2 31	24 41	3 8	23 37	0 21	22 31	0 19	17 35	2 21	17 19	0 18	0 52	1 19	23 9	5 11	9 45	9 53	23 35	13 42	7 3
W13	8 59	23 54	3 14	1 49	2 31	24 54	3 12	23 37	0 23	22 32	0 19	17 34	2 21	17 20	0 18	0 53	1 19	23 9	5 11	9 45	9 51	23 33	13 43	7 2
T 14	9 21	26 52	4 8	1 10	2 31	25 7	3 15	23 38	0 25	22 33	0 19	17 33	2 21	17 21	0 18	0 54	1 19	23 9	5 11	9 45	9 50	23 31	13 43	7 1
F 15	9 42	28 13	4 48	0 31	2 30	25 19	3 18	23 38	0 27	22 35	0 19	17 32	2 21	17 22	0 18	0 55	1 19	23 8	5 11	9 45	9 49	23 29	13 44	7 1
S 16	10 3	27 46	5 12	0n 9	2 28	25 30	3 21	23 39	0 29	22 36	0 18	17 31	2 21	17 23	0 18	0 56	1 19	23 8	5 11	9 45	9 48	23 27	13 44	7 0
S 17	10 25	25 31	5 16	0 51	2 26	25 41	3 24	23 39	0 31	22 37	0 18	17 31	2 21	17 24	0 18	0 57	1 19	23 8	5 11	9 45	9 47	23 25	13 44	6 59
M18	10 46	21 41	5 2	1 33	2 24	25 51	3 27	23 39	0 33	22 38	0 18	17 30	2 21	17 25	0 18	0 57	1 19	23 8	5 11	9 45	9 46	23 23	13 45	6 58
T 19	11 7	16 34	4 28	2 16	2 21	26 1	3 30	23 40	0 35	22 39	0 18	17 29	2 21	17 26	0 18	0 58	1 19	23 8	5 11	9 45	9 44	23 21	13 45	6 58
W20	11 27	10 34	3 39	3 0	2 17	26 10	3 33	23 40	0 37	22 40	0 18	17 28	2 21	17 27	0 18	0 59	1 19	23 8	5 11	9 45	9 43	23 19	13 45	6 57
T 21	11 48	4 3	2 36	3 45	2 13	26 19	3 35	23 40	0 39	22 41	0 18	17 27	2 21	17 27	0 18	1 0	1 19	23 8	5 11	9 45	9 42	23 17	13 46	6 56
F 22	12 8	2n36	1 24	4 30	2 9	26 27	3 38	23 40	0 41	22 42	0 18	17 26	2 22	17 28	0 18	1 1	1 19	23 8	5 11	9 45	9 41	23 16	13 46	6 56
S 23	12 28	9 3	0 9	5 17	2 4	26 34	3 40	23 41	0 43	22 43	0 17	17 25	2 22	17 29	0 18	1 1	1 19	23 8	5 10	9 45	9 40	23 14	13 46	6 55
S 24	12 48	14 58	1n 6	6 4	1 58	26 41	3 42	23 41	0 46	22 44	0 17	17 24	2 22	17 30	0 18	1 2	1 19	23 8	5 10	9 45	9 39	23 12	13 46	6 54
M25	13 8	20 4	2 16	6 51	1 52	26 47	3 44	23 41	0 48	22 45	0 17	17 23	2 22	17 31	0 18	1 3	1 19	23 8	5 10	9 45	9 37	23 10	13 47	6 54
T 26	13 28	24 4	3 17	7 40	1 45	26 53	3 46	23 41	0 50	22 46	0 17	17 23	2 22	17 32	0 18	1 4	1 19	23 8	5 10	9 45	9 36	23 8	13 47	6 53
W27	13 47	26 48	4 6	8 28	1 38	26 59	3 48	23 42	0 53	22 47	0 17	17 22	2 22	17 33	0 18	1 5	1 19	23 8	5 10	9 44	9 35	23 6	13 47	6 52
T 28	14 6	28 8	4 43	9 18	1 31	27 3	3 50	23 42	0 55	22 48	0 17	17 21	2 22	17 34	0 18	1 5	1 19	23 8	5 10	9 43	9 34	23 4	13 47	6 52
F 29	14 25	28 3	5 6	10 7	1 23	27 8	3 51	23 42	0 57	22 49	0 17	17 20	2 22	17 35	0 18	1 6	1 19	23 7	5 10	9 43	9 33	23 2	13 47	6 51
S 30	14n43	26n38	5n15	10n57	1s15	27n11	3n53	23s43	1s 0	22n50	0s17	17s19	2n22	17n36	0s18	1n 7	1s19	23n 7	5n10	9n42	9n32	23n 0	13n47	6s50

Julian Day Number = 2521396.5, Delta T = 154.68 sec
Ecliptic obliquity = 23°25'00, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°24'46, Lahiri = 26°31'47

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2191
geocentric

MAY 2191 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 35 54	10♉43'09	4♌55	3♉55	25♊36	14♑ 0	21♊ 9	27°R35	20♉39	5♈54	8♌26	25°R 5	24♈34	8♌25	28♋17	S 1
M 2	14 39 51	11°41'29	16°48	5°59	26°27	14°20	21°21	27♏31	20°42	5°56	8°26	25°D 5	24°30	8°31	28°20	M 2
T 3	14 43 47	12°39'47	28°43	8° 4	27°16	14°40	21°34	27°27	20°46	5°58	8°27	25♈ 6	24°27	8°38	28°23	T 3
W 4	14 47 44	13°38'03	10♍45	10°10	28° 5	14°59	21°46	27°23	20°49	6° 0	8°27	25° 7	24°24	8°45	28°27	W 4
T 5	14 51 40	14°36'17	22°59	12°17	28°53	15°18	21°58	27°18	20°52	6° 2	8°27	25° 9	24°21	8°52	28°30	T 5
F 6	14 55 37	15°34'29	5♎28	14°26	29°41	15°37	22°10	27°14	20°56	6° 4	8°28	25°10	24°18	8°58	28°33	F 6
S 7	14 59 34	16°32'39	18°15	16°35	0♋27	15°55	22°23	27°10	20°59	6° 6	8°28	25°11	24°15	9° 5	28°37	S 7
S 8	15 3 30	17°30'47	1♏22	18°45	1°13	16°12	22°35	27° 5	21° 3	6° 7	8°29	25°R11	24°11	9°12	28°40	S 8
M 9	15 7 27	18°28'54	14°50	20°55	1°57	16°30	22°48	27° 1	21° 6	6° 9	8°29	25°10	24° 8	9°18	28°44	M 9
T 10	15 11 23	19°26'59	28°36	23° 5	2°41	16°46	23° 1	26°56	21°10	6°11	8°30	25° 8	24° 5	9°25	28°48	T 10
W11	15 15 20	20°25'02	12♐38	25°15	3°24	17° 3	23°13	26°52	21°13	6°13	8°30	25° 5	24° 2	9°32	28°51	W11
T 12	15 19 16	21°23'04	26°52	27°24	4° 5	17°18	23°26	26°47	21°17	6°14	8°31	25° 1	23°59	9°39	28°55	T 12
F 13	15 23 13	22°21'05	11♑12	29°33	4°46	17°34	23°39	26°43	21°20	6°16	8°31	24°57	23°56	9°45	28°59	F 13
S 14	15 27 9	23°19'04	25°35	1♊40	5°25	17°48	23°51	26°38	21°24	6°18	8°32	24°54	23°52	9°52	29° 3	S 14
S 15	15 31 6	24°17'01	9♒55	3°47	6° 3	18° 3	24° 4	26°34	21°27	6°20	8°32	24°52	23°49	9°59	29° 7	S 15
M16	15 35 3	25°14'58	24°10	5°51	6°40	18°16	24°17	26°29	21°31	6°21	8°33	24°D52	23°46	10° 6	29°12	M16
T 17	15 38 59	26°12'53	8♓16	7°54	7°16	18°30	24°30	26°25	21°34	6°23	8°34	24°52	23°43	10°12	29°16	T 17
W18	15 42 56	27°10'47	22°13	9°55	7°51	18°42	24°43	26°20	21°38	6°24	8°34	24°53	23°40	10°19	29°20	W18
T 19	15 46 52	28° 8'40	6♈ 0	11°54	8°24	18°54	24°56	26°16	21°41	6°26	8°35	24°55	23°36	10°26	29°25	T 19
F 20	15 50 49	29° 6'31	19°35	13°50	8°56	19° 6	25° 9	26°11	21°44	6°28	8°36	24°R56	23°33	10°32	29°29	F 20
S 21	15 54 45	0♊ 4'22	2♉59	15°43	9°26	19°16	25°22	26° 7	21°48	6°29	8°37	24°56	23°30	10°39	29°34	S 21
S 22	15 58 42	1° 2'11	16°11	17°33	9°55	19°27	25°35	26° 2	21°51	6°31	8°37	24°54	23°27	10°46	29°38	S 22
M23	16 2 38	1°59'58	29°10	19°21	10°22	19°36	25°49	25°58	21°55	6°32	8°38	24°50	23°24	10°53	29°43	M23
T 24	16 6 35	2°57'45	11♊56	21° 6	10°48	19°45	26° 2	25°54	21°58	6°34	8°39	24°45	23°21	10°59	29°48	T 24
W25	16 10 32	3°55'30	24°29	22°48	11°12	19°53	26°15	25°49	22° 2	6°35	8°40	24°38	23°17	11° 6	29°53	W25
T 26	16 14 28	4°53'14	6♋50	24°26	11°34	20° 1	26°28	25°45	22° 5	6°36	8°41	24°31	23°14	11°13	29°57	T 26
F 27	16 18 25	5°50'56	18°59	26° 2	11°55	20° 8	26°42	25°40	22° 9	6°38	8°42	24°24	23°11	11°19	0♌ 2	F 27
S 28	16 22 21	6°48'37	0♌59	27°34	12°14	20°14	26°55	25°36	22°12	6°39	8°43	24°18	23° 8	11°26	0° 7	S 28
S 29	16 26 18	7°46'16	12°53	29° 3	12°30	20°20	27° 8	25°32	22°15	6°40	8°44	24°13	23° 5	11°33	0°13	S 29
M30	16 30 14	8°43'54	24°44	0♋29	12°45	20°25	27°22	25°27	22°19	6°42	8°45	24°10	23° 2	11°40	0°18	M30
T 31	16 34 11	9♊41'30	6♍38	1♋51	12♋58	20♑29	27♊35	25♏23	22♉22	6♈43	8♌46	24°D 9	22♈58	11♌46	0♌23	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15n 2	24n 3	5n11	11n47	1s 6	27n14	3n54	23s43	1s 2	22n51	0s16	17s18	2n22	17n37	0s18	1n 8	1s19	23n 7	5n10	9n42	9n31	22n58	13n47	6s50
M 2	15 20	20 27	4 53	12 36	0 57	27 17	3 55	23 43	1 5	22 52	0 16	17 17	2 22	17 38	0 18	1 8	1 19	23 7	5 10	9 42	9 29	22 56	13 47	6 49
T 3	15 37	16 1	4 23	13 26	0 47	27 19	3 56	23 44	1 8	22 53	0 16	17 16	2 22	17 38	0 18	1 9	1 19	23 7	5 10	9 42	9 28	22 54	13 47	6 48
W 4	15 55	10 56	3 41	14 15	0 38	27 21	3 57	23 44	1 10	22 54	0 16	17 15	2 22	17 39	0 18	1 10	1 20	23 7	5 10	9 43	9 27	22 52	13 47	6 48
T 5	16 12	5 21	2 48	15 4	0 28	27 22	3 57	23 45	1 13	22 55	0 16	17 14	2 22	17 40	0 18	1 11	1 20	23 7	5 10	9 43	9 26	22 50	13 47	6 47
F 6	16 29	0s32	1 47	15 53	0 17	27 23	3 58	23 45	1 16	22 55	0 16	17 13	2 22	17 41	0 18	1 11	1 20	23 6	5 10	9 44	9 25	22 48	13 47	6 47
S 7	16 46	6 34	0 38	16 40	0 7	27 23	3 58	23 46	1 19	22 56	0 16	17 12	2 22	17 42	0 18	1 12	1 20	23 6	5 10	9 44	9 24	22 46	13 47	6 46
S 8	17 3	12 28	0s34	17 27	0n 4	27 23	3 58	23 47	1 21	22 57	0 16	17 11	2 22	17 43	0 18	1 13	1 20	23 6	5 9	9 44	9 22	22 44	13 47	6 45
M 9	17 19	17 57	1 46	18 12	0 14	27 22	3 58	23 48	1 24	22 58	0 15	17 10	2 22	17 44	0 18	1 13	1 20	23 6	5 9	9 44	9 21	22 42	13 47	6 45
T 10	17 35	22 39	2 53	18 56	0 25	27 21	3 57	23 48	1 27	22 59	0 15	17 9	2 22	17 45	0 18	1 14	1 20	23 6	5 9	9 43	9 20	22 40	13 47	6 44
W11	17 50	26 7	3 51	19 38	0 35	27 19	3 57	23 49	1 30	22 59	0 15	17 8	2 22	17 46	0 18	1 15	1 20	23 5	5 9	9 42	9 19	22 37	13 47	6 43
T 12	18 5	27 59	4 36	20 18	0 46	27 17	3 56	23 50	1 33	23 0	0 15	17 7	2 22	17 47	0 18	1 15	1 20	23 5	5 9	9 41	9 18	22 35	13 47	6 43
F 13	18 20	27 59	5 4	20 56	0 56	27 15	3 55	23 51	1 36	23 1	0 15	17 6	2 22	17 48	0 18	1 16	1 20	23 5	5 9	9 39	9 16	22 33	13 47	6 42
S 14	18 35	26 8	5 13	21 32	1 5	27 12	3 54	23 53	1 39	23 2	0 15	17 5	2 22	17 49	0 18	1 17	1 20	23 5	5 9	9 38	9 15	22 31	13 46	6 42
S 15	18 49	22 35	5 2	22 6	1 15	27 8	3 52	23 54	1 43	23 2	0 15	17 4	2 22	17 49	0 18	1 17	1 20	23 5	5 9	9 37	9 14	22 29	13 46	6 41
M16	19 4	17 44	4 33	22 38	1 23	27 5	3 50	23 55	1 46	23 3	0 15	17 3	2 22	17 50	0 18	1 18	1 20	23 4	5 9	9 37	9 13	22 27	13 46	6 40
T 17	19 17	11 59	3 48	23 7	1 32	27 1	3 48	23 57	1 49	23 4	0 14	17 2	2 22	17 51	0 18	1 18	1 20	23 4	5 9	9 37	9 12	22 25	13 46	6 40
W18	19 31	5 40	2 49	23 33	1 39	26 56	3 46	23 58	1 53	23 4	0 14	17 1	2 22	17 52	0 18	1 19	1 20	23 4	5 9	9 38	9 11	22 23	13 45	6 39
T 19	19 44	0n49	1 42	23 57	1 46	26 52	3 43	24 0	1 56	23 5	0 14	17 0	2 22	17 53	0 18	1 20	1 20	23 4	5 9	9 38	9 9	22 21	13 45	6 39
F 20	19 56	7 12	0 29	24 18	1 53	26 47	3 40	24 2	1 59	23 6	0 14	16 59	2 22	17 54	0 18	1 20	1 20	23 3	5 9	9 39	9 8	22 19	13 45	6 38
S 21	20 9	13 11	0n44	24 37	1 58	26 41	3 37	24 4	2 3	23 6	0 14	16 58	2 22	17 55	0 18	1 21	1 20	23 3	5 9	9 39	9 7	22 17	13 44	6 38
S 22	20 21	18 28	1 53	24 53	2 3	26 36	3 34	24 6	2 6	23 7	0 14	16 57	2 22	17 56	0 18	1 21	1 20	23 3	5 9	9 38	9 6	22 14	13 44	6 37
M23	20 33	22 48	2 55	25 6	2 7	26 30	3 30	24 8	2 10	23 7	0 14	16 56	2 22	17 57	0 18	1 22	1 20	23 3	5 9	9 37	9 5	22 12	13 43	6 37
T 24	20 44	25 57	3 47	25 18	2 11	26 24	3 26	24 10	2 14	23 8	0 14	16 55	2 22	17 58	0 18	1 22	1 20	23 2	5 8	9 35	9 4	22 10	13 43	6 36
W25	20 55	27 45	4 28	25 26	2 13	26 17	3 21	24 13	2 17	23 8	0 14	16 54	2 21	17 58	0 18	1 23	1 20	23 2	5 8	9 32	9 2	22 8	13 43	6 36
T 26	21 5	28 8	4 54	25 33	2 15	26 10	3 16	24 15	2 21	23 9	0 13	16 53	2 21	17 59	0 18	1 23	1 20	23 2	5 8	9 30	9 1	22 6	13 42	6 35
F 27	21 16	27 9	5 7	25 37	2 16	26 3	3 11	24 18	2 25	23 9	0 13	16 52	2 21	18 0	0 18	1 24	1 20	23 1	5 8	9 27	9 0	22 4	13 42	6 34
S 28	21 26	24 54	5 7	25 39	2 16	25 56	3 5	24 21	2 29	23 10	0 13	16 51	2 21	18 1	0 18	1 24	1 20	23 1	5 8	9 25	8 59	22 2	13 41	6 34
S 29	21 35	21 36	4 53	25 40	2 15	25 48	2 59	24 24	2 33	23 10	0 13	16 50	2 21	18 2	0 18	1 25	1 21	23 1	5 8	9 23	8 58	21 59	13 40	6 33
M30	21 44	17 27	4 26	25 38	2 13	25 41	2 53	24 27	2 37	23 10	0 13	16 49	2 21	18 3	0 18	1 25	1 21	23 1	5 8	9 22	8 57	21 57	13 40	6 33
T 31	21n53	12n36	3n48	25n35	2n11	25n33	2n46	24s30	2s41	23n11	0s13	16s49	2n21	18n 4	0s18	1n26	1s21	23n 0	5n 8	9n21	8n55	21n55	13n39	6s32

Julian Day Number = 2521426.5, Delta T = 154.76 sec
Ecliptic obliquity = 23°25'00, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°24'50, Lahiri = 26°31'51

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2191
geocentric

JUNE 2191 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 38 8	10♊39'05	18♍39	3♋10	13♋ 8	20♑33	27♊49	25°R19	22♉25	6♈44	8♘47	24♈ 9	22♈55	11♘53	0♘28	W 1
T 2	16 42 4	11°36'39	0♎52	4°26	13°17	20°36	28° 2	25♏14	22°29	6°46	8°48	24°10	22°52	12° 0	0°34	T 2
F 3	16 46 1	12°34'11	13°22	5°38	13°23	20°38	28°16	25°10	22°32	6°47	8°49	24°12	22°49	12° 6	0°39	F 3
S 4	16 49 57	13°31'41	26°13	6°47	13°27	20°39	28°29	25° 6	22°35	6°48	8°50	24°R12	22°46	12°13	0°44	S 4
S 5	16 53 54	14°29'11	9♏28	7°52	13°R29	20°R40	28°43	25° 2	22°39	6°49	8°51	24°11	22°42	12°20	0°50	S 5
M 6	16 57 50	15°26'39	23° 8	8°53	13°28	20°40	28°56	24°58	22°42	6°50	8°52	24° 8	22°39	12°27	0°55	M 6
T 7	17 1 47	16°24'07	7♐13	9°51	13°25	20°39	29°10	24°54	22°45	6°51	8°53	24° 3	22°36	12°33	1° 1	T 7
W 8	17 5 43	17°21'33	21°39	10°45	13°19	20°37	29°24	24°50	22°48	6°52	8°54	23°56	22°33	12°40	1° 7	W 8
T 9	17 9 40	18°18'59	6♑20	11°35	13°12	20°35	29°37	24°46	22°52	6°53	8°55	23°47	22°30	12°47	1°13	T 9
F 10	17 13 37	19°16'23	21° 7	12°21	13° 1	20°32	29°51	24°42	22°55	6°54	8°57	23°39	22°27	12°53	1°18	F 10
S 11	17 17 33	20°13'47	5♒54	13° 3	12°48	20°28	0♋ 5	24°38	22°58	6°55	8°58	23°32	22°23	13° 0	1°24	S 11
S 12	17 21 30	21°11'11	20°32	13°41	12°33	20°24	0°18	24°34	23° 1	6°56	8°59	23°26	22°20	13° 7	1°30	S 12
M13	17 25 26	22° 8'33	4♓57	14°15	12°16	20°18	0°32	24°31	23° 4	6°57	9° 0	23°23	22°17	13°14	1°36	M13
T 14	17 29 23	23° 5'55	19° 5	14°45	11°56	20°12	0°46	24°27	23° 8	6°58	9° 2	23°D22	22°14	13°20	1°42	T 14
W15	17 33 19	24° 3'17	2♈56	15°10	11°34	20° 5	0°59	24°23	23°11	6°59	9° 3	23°22	22°11	13°27	1°48	W15
T 16	17 37 16	25° 0'38	16°29	15°30	11°10	19°58	1°13	24°20	23°14	6°59	9° 4	23°R23	22° 8	13°34	1°54	T 16
F 17	17 41 12	25°57'59	29°46	15°47	10°44	19°49	1°27	24°16	23°17	7° 0	9° 6	23°23	22° 4	13°40	2° 0	F 17
S 18	17 45 9	26°55'19	12♉50	15°58	10°16	19°40	1°40	24°13	23°20	7° 1	9° 7	23°21	22° 1	13°47	2° 6	S 18
S 19	17 49 6	27°52'39	25°41	16° 5	9°46	19°31	1°54	24°10	23°23	7° 2	9° 8	23°17	21°58	13°54	2°13	S 19
M20	17 53 2	28°49'59	8♊20	16°R 8	9°14	19°20	2° 8	24° 6	23°26	7° 2	9°10	23°10	21°55	14° 1	2°19	M20
T 21	17 56 59	29°47'18	20°50	16° 6	8°41	19° 9	2°22	24° 3	23°29	7° 3	9°11	23° 1	21°52	14° 7	2°25	T 21
W22	18 0 55	0♋44'37	3♋ 9	16° 0	8° 7	18°57	2°35	24° 0	23°32	7° 4	9°12	22°50	21°48	14°14	2°31	W22
T 23	18 4 52	1°41'55	15°20	15°49	7°31	18°45	2°49	23°57	23°35	7° 4	9°14	22°37	21°45	14°21	2°38	T 23
F 24	18 8 48	2°39'13	27°23	15°34	6°55	18°32	3° 3	23°54	23°38	7° 5	9°15	22°25	21°42	14°27	2°44	F 24
S 25	18 12 45	3°36'29	9♌19	15°15	6°18	18°18	3°17	23°51	23°40	7° 5	9°17	22°14	21°39	14°34	2°51	S 25
S 26	18 16 41	4°33'46	21°10	14°53	5°41	18° 4	3°30	23°48	23°43	7° 6	9°18	22° 5	21°36	14°41	2°57	S 26
M27	18 20 38	5°31'01	3♍ 0	14°27	5° 3	17°50	3°44	23°45	23°46	7° 6	9°20	21°58	21°33	14°48	3° 4	M27
T 28	18 24 35	6°28'17	14°52	13°58	4°26	17°35	3°58	23°42	23°49	7° 7	9°21	21°54	21°29	14°54	3°10	T 28
W29	18 28 31	7°25'31	26°51	13°27	3°49	17°19	4°12	23°40	23°52	7° 7	9°23	21°52	21°26	15° 1	3°17	W29
T 30	18 32 28	8♋22'45	9♎ 1	12♋54	3♋12	17♑ 3	4♋25	23♏37	23♉54	7♈ 7	9♘24	21°D51	21♈23	15♘ 8	3♘23	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n 1	7n15	3n 0	25n30	2n 8	25n24	2n39	24s34	2s45	23n11	0s13	16s48	2n21	18n 5	0s18	1n26	1s21	23n 0	5n 8	9n22	8n54	21n53	13n39	6s32
T 2	22 9	1 32	2 2	25 24	2 3	25 16	2 32	24 37	2 49	23 11	0 13	16 47	2 21	18 5	0 18	1 27	1 21	23 0	5 8	9 22	8 53	21 51	13 38	6 32
F 3	22 17	4s23	0 58	25 16	1 58	25 7	2 24	24 41	2 53	23 12	0 13	16 46	2 21	18 6	0 18	1 27	1 21	22 59	5 8	9 22	8 52	21 48	13 37	6 31
S 4	22 24	10 17	0s11	25 7	1 53	24 59	2 15	24 45	2 57	23 12	0 12	16 45	2 20	18 7	0 18	1 28	1 21	22 59	5 8	9 23	8 51	21 46	13 37	6 31
S 5	22 31	15 55	1 21	24 57	1 46	24 50	2 6	24 49	3 1	23 12	0 12	16 44	2 20	18 8	0 18	1 28	1 21	22 59	5 8	9 22	8 49	21 44	13 36	6 30
M 6	22 37	20 57	2 29	24 46	1 39	24 41	1 57	24 53	3 5	23 12	0 12	16 43	2 20	18 9	0 18	1 28	1 21	22 58	5 8	9 21	8 48	21 42	13 35	6 30
T 7	22 43	24 56	3 30	24 33	1 30	24 31	1 47	24 57	3 9	23 13	0 12	16 42	2 20	18 10	0 18	1 29	1 21	22 58	5 8	9 19	8 47	21 40	13 35	6 29
W 8	22 49	27 27	4 19	24 20	1 21	24 22	1 37	25 2	3 14	23 13	0 12	16 42	2 20	18 10	0 18	1 29	1 21	22 58	5 8	9 16	8 46	21 37	13 34	6 29
T 9	22 54	28 7	4 51	24 6	1 12	24 12	1 26	25 6	3 18	23 13	0 12	16 41	2 20	18 11	0 18	1 29	1 21	22 57	5 8	9 13	8 45	21 35	13 33	6 28
F 10	22 59	26 47	5 5	23 51	1 1	24 2	1 15	25 11	3 22	23 13	0 12	16 40	2 20	18 12	0 18	1 30	1 21	22 57	5 8	9 10	8 44	21 33	13 32	6 28
S 11	23 3	23 35	4 58	23 36	0 50	23 52	1 4	25 16	3 27	23 13	0 12	16 39	2 19	18 13	0 18	1 30	1 21	22 56	5 8	9 8	8 42	21 31	13 31	6 28
S 12	23 7	18 55	4 32	23 20	0 38	23 41	0 52	25 21	3 31	23 13	0 12	16 39	2 19	18 14	0 18	1 30	1 21	22 56	5 8	9 6	8 41	21 28	13 30	6 27
M13	23 11	13 14	3 49	23 4	0 25	23 31	0 40	25 26	3 35	23 13	0 12	16 38	2 19	18 14	0 18	1 31	1 21	22 56	5 8	9 5	8 40	21 26	13 30	6 27
T 14	23 14	6 57	2 52	22 48	0 11	23 20	0 27	25 31	3 40	23 13	0 11	16 37	2 19	18 15	0 18	1 31	1 21	22 55	5 8	9 4	8 39	21 24	13 29	6 26
W15	23 17	0 28	1 47	22 31	0s 3	23 9	0 14	25 36	3 44	23 13	0 11	16 36	2 19	18 16	0 18	1 31	1 21	22 55	5 8	9 4	8 38	21 22	13 28	6 26
T 16	23 19	5n54	0 37	22 14	0 17	22 58	0 1	25 42	3 48	23 13	0 11	16 36	2 19	18 17	0 18	1 32	1 21	22 55	5 8	9 4	8 37	21 19	13 27	6 26
F 17	23 21	11 55	0n34	21 57	0 32	22 47	0s12	25 47	3 53	23 13	0 11	16 35	2 18	18 18	0 18	1 32	1 21	22 54	5 7	9 4	8 35	21 17	13 26	6 25
S 18	23 23	17 17	1 42	21 40	0 48	22 35	0 26	25 53	3 57	23 13	0 11	16 34	2 18	18 18	0 18	1 32	1 21	22 54	5 7	9 4	8 34	21 15	13 25	6 25
S 19	23 24	21 48	2 43	21 23	1 4	22 24	0 40	25 59	4 1	23 13	0 11	16 34	2 18	18 19	0 18	1 32	1 22	22 53	5 7	9 2	8 33	21 12	13 24	6 25
M20	23 25	25 13	3 35	21 7	1 20	22 12	0 54	26 5	4 6	23 13	0 11	16 33	2 18	18 20	0 18	1 33	1 22	22 53	5 7	9 0	8 32	21 10	13 23	6 24
T 21	23 25	27 21	4 16	20 51	1 37	22 0	1 8	26 10	4 10	23 13	0 11	16 32	2 18	18 21	0 18	1 33	1 22	22 53	5 7	8 56	8 31	21 8	13 22	6 24
W22	23 25	28 7	4 44	20 35	1 53	21 48	1 22	26 16	4 14	23 13	0 11	16 32	2 18	18 21	0 18	1 33	1 22	22 52	5 7	8 52	8 29	21 6	13 21	6 24
T 23	23 24	27 29	4 59	20 20	2 10	21 36	1 37	26 22	4 18	23 13	0 11	16 31	2 17	18 22	0 18	1 33	1 22	22 52	5 7	8 48	8 28	21 3	13 20	6 23
F 24	23 23	25 34	5 0	20 5	2 27	21 23	1 51	26 28	4 22	23 12	0 10	16 31	2 17	18 23	0 18	1 33	1 22	22 51	5 7	8 43	8 27	21 1	13 19	6 23
S 25	23 22	22 32	4 48	19 51	2 43	21 11	2 5	26 34	4 26	23 12	0 10	16 30	2 17	18 23	0 18	1 33	1 22	22 51	5 7	8 39	8 26	20 59	13 18	6 23
S 26	23 20	18 36	4 24	19 38	2 59	20 59	2 19	26 40	4 30	23 12	0 10	16 30	2 17	18 24	0 18	1 34	1 22	22 51	5 7	8 35	8 25	20 56	13 16	6 22
M27	23 18	13 56	3 48	19 25	3 14	20 47	2 32	26 46	4 34	23 12	0 10	16 29	2 17	18 25	0 18	1 34	1 22	22 50	5 7	8 33	8 23	20 54	13 15	6 22
T 28	23 16	8 46	3 3	19 13	3 29	20 35	2 46	26 52	4 38	23 11	0 10	16 29	2 16	18 25	0 18	1 34	1 22	22 50	5 7	8 31	8 22	20 52	13 14	6 22
W29	23 13	3 13	2 8	19 3	3 43	20 23	2 59	26 57	4 42	23 11	0 10	16 28	2 16	18 26	0 18	1 34	1 22	22 49	5 7	8 31	8 21	20 49	13 13	6 21
T 30	23n 9	2s32	1n 7	18n53	3s55	20n12	3s11	27s 3	4s46	23n11	0s10	16s28	2n16	18n27	0s18	1n34	1s22	22n49	5n 7	8n30	8n20	20n47	13n12	6s21

Julian Day Number = 2521457.5, Delta T = 154.84 sec
Ecliptic obliquity = 23°25'00, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°24'55, Lahiri = 26°31'55

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2191
geocentric

JULY 2191 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 36 24	9♋19'58	21♎29	12°R19	2°R36	16°R47	4♋39	23°R35	23♉57	7♈ 8	9♌26	21°R51	21♈20	15♌14	3♌30	F 1
S 2	18 40 21	10°17'11	4♏18	11♋43	2♋ 1	16♑30	4°53	23♏32	24° 0	7° 8	9°27	21♈51	21°17	15°21	3°37	S 2
S 3	18 44 17	11°14'24	17°33	11° 7	1°27	16°13	5° 7	23°30	24° 2	7° 8	9°29	21°49	21°14	15°28	3°44	S 3
M 4	18 48 14	12°11'36	1♐16	10°32	0°55	15°56	5°20	23°28	24° 5	7° 8	9°30	21°45	21°10	15°35	3°50	M 4
T 5	18 52 10	13° 8'48	15°29	9°57	0°24	15°38	5°34	23°26	24° 7	7° 9	9°32	21°38	21° 7	15°41	3°57	T 5
W 6	18 56 7	14° 6'00	0♑ 7	9°24	29♊55	15°21	5°48	23°24	24°10	7° 9	9°33	21°29	21° 4	15°48	4° 4	W 6
T 7	19 0 4	15° 3'11	15° 5	8°53	29°28	15° 3	6° 1	23°22	24°12	7° 9	9°35	21°18	21° 1	15°55	4°11	T 7
F 8	19 4 0	16° 0'23	0♒13	8°25	29° 3	14°45	6°15	23°20	24°15	7° 9	9°37	21° 7	20°58	16° 1	4°18	F 8
S 9	19 7 57	16°57'34	15°22	8° 0	28°40	14°27	6°28	23°18	24°17	7° 9	9°38	20°58	20°54	16° 8	4°24	S 9
S 10	19 11 53	17°54'46	0♓20	7°38	28°19	14° 9	6°42	23°16	24°20	7°R 9	9°40	20°50	20°51	16°15	4°31	S 10
M11	19 15 50	18°51'58	15° 0	7°21	28° 0	13°51	6°56	23°15	24°22	7° 9	9°42	20°45	20°48	16°22	4°38	M11
T 12	19 19 46	19°49'10	29°19	7° 8	27°44	13°33	7° 9	23°13	24°24	7° 9	9°43	20°42	20°45	16°28	4°45	T 12
W13	19 23 43	20°46'22	13♈13	6°59	27°30	13°16	7°23	23°12	24°27	7° 9	9°45	20°42	20°42	16°35	4°52	W13
T 14	19 27 40	21°43'35	26°44	6°D56	27°19	12°58	7°36	23°11	24°29	7° 9	9°46	20°42	20°39	16°42	4°59	T 14
F 15	19 31 36	22°40'49	9♉54	6°57	27°10	12°41	7°50	23° 9	24°31	7° 9	9°48	20°41	20°35	16°48	5° 6	F 15
S 16	19 35 33	23°38'03	22°46	7° 4	27° 3	12°24	8° 3	23° 8	24°33	7° 8	9°50	20°39	20°32	16°55	5°13	S 16
S 17	19 39 29	24°35'18	5♊23	7°16	26°59	12° 7	8°17	23° 7	24°35	7° 8	9°52	20°34	20°29	17° 2	5°20	S 17
M18	19 43 26	25°32'33	17°48	7°34	26°D57	11°51	8°30	23° 6	24°37	7° 8	9°53	20°26	20°26	17° 8	5°27	M18
T 19	19 47 22	26°29'48	0♋ 4	7°57	26°58	11°35	8°43	23° 5	24°39	7° 8	9°55	20°16	20°23	17°15	5°34	T 19
W20	19 51 19	27°27'04	12°12	8°25	27° 1	11°19	8°57	23° 5	24°41	7° 7	9°57	20° 4	20°20	17°22	5°41	W20
T 21	19 55 15	28°24'21	24°13	8°59	27° 6	11° 4	9°10	23° 4	24°43	7° 7	9°58	19°50	20°16	17°29	5°48	T 21
F 22	19 59 12	29°21'38	6♌ 9	9°38	27°13	10°50	9°23	23° 3	24°45	7° 7	10° 0	19°37	20°13	17°35	5°56	F 22
S 23	20 3 9	0♌18'55	18° 1	10°23	27°22	10°36	9°37	23° 3	24°47	7° 6	10° 2	19°24	20°10	17°42	6° 3	S 23
S 24	20 7 5	1°16'13	29°51	11°13	27°34	10°22	9°50	23° 2	24°49	7° 6	10° 3	19°14	20° 7	17°49	6°10	S 24
M25	20 11 2	2°13'31	11♍41	12° 8	27°47	10° 9	10° 3	23° 2	24°51	7° 6	10° 5	19° 6	20° 4	17°55	6°17	M25
T 26	20 14 58	3°10'49	23°33	13° 9	28° 2	9°57	10°16	23° 2	24°53	7° 5	10° 7	19° 1	20° 0	18° 2	6°24	T 26
W27	20 18 55	4° 8'08	5♎32	14°14	28°20	9°46	10°29	23°D 2	24°54	7° 4	10° 9	18°58	19°57	18° 9	6°31	W27
T 28	20 22 51	5° 5'27	17°42	15°25	28°39	9°35	10°42	23° 2	24°56	7° 4	10°10	18°D58	19°54	18°16	6°38	T 28
F 29	20 26 48	6° 2'46	0♏ 7	16°40	29° 0	9°25	10°55	23° 2	24°58	7° 3	10°12	18°R58	19°51	18°22	6°45	F 29
S 30	20 30 44	7° 0'06	12°53	18° 1	29°22	9°16	11° 8	23° 2	24°59	7° 3	10°14	18°58	19°48	18°29	6°53	S 30
S 31	20 34 41	7♌57'26	26♏ 4	19♋26	29♊47	9♑ 8	11♋21	23♏ 3	25♉ 1	7♈ 2	10♌16	18♈56	19♈45	18♌36	7♌ 0	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n 5	8s20	0n 2	18n45	4s 7	20n 0	3s23	27s 9	4s49	23n10	0s10	16s28	2n16	18n27	0s18	1n34	1s22	22n49	5n 7	8n31	8n19	20n45	13n10	6s21
S 2	23 1	13 58	1s 5	18 38	4 17	19 49	3 35	27 15	4 53	23 10	0 10	16 27	2 15	18 28	0 18	1 34	1 22	22 48	5 7	8 30	8 18	20 42	13 9	6 21
S 3	22 56	19 9	2 11	18 31	4 27	19 38	3 46	27 20	4 56	23 9	0 10	16 27	2 15	18 29	0 18	1 34	1 22	22 48	5 7	8 30	8 16	20 40	13 8	6 20
M 4	22 51	23 32	3 12	18 27	4 34	19 28	3 57	27 25	5 0	23 9	0 10	16 26	2 15	18 29	0 18	1 34	1 22	22 47	5 7	8 28	8 15	20 37	13 7	6 20
T 5	22 46	26 39	4 3	18 23	4 40	19 18	4 7	27 31	5 3	23 9	0 9	16 26	2 15	18 30	0 18	1 34	1 22	22 47	5 7	8 25	8 14	20 35	13 5	6 20
W 6	22 40	28 5	4 40	18 21	4 45	19 9	4 16	27 36	5 6	23 8	0 9	16 26	2 15	18 31	0 18	1 34	1 22	22 46	5 7	8 22	8 13	20 33	13 4	6 20
T 7	22 34	27 30	4 59	18 20	4 48	19 0	4 25	27 41	5 9	23 8	0 9	16 26	2 14	18 31	0 18	1 34	1 23	22 46	5 7	8 18	8 12	20 30	13 3	6 20
F 8	22 27	24 55	4 57	18 20	4 49	18 51	4 34	27 46	5 12	23 7	0 9	16 25	2 14	18 32	0 18	1 34	1 23	22 46	5 7	8 14	8 10	20 28	13 1	6 19
S 9	22 20	20 34	4 34	18 22	4 49	18 43	4 41	27 50	5 14	23 6	0 9	16 25	2 14	18 32	0 18	1 34	1 23	22 45	5 7	8 10	8 9	20 26	13 0	6 19
S 10	22 13	14 58	3 53	18 25	4 47	18 36	4 48	27 55	5 17	23 6	0 9	16 25	2 14	18 33	0 18	1 34	1 23	22 45	5 7	8 8	8 8	20 23	12 58	6 19
M11	22 5	8 37	2 56	18 29	4 44	18 29	4 55	27 59	5 19	23 5	0 9	16 25	2 13	18 34	0 18	1 34	1 23	22 44	5 7	8 6	8 7	20 21	12 57	6 19
T 12	21 57	1 58	1 50	18 34	4 40	18 23	5 1	28 3	5 21	23 5	0 9	16 25	2 13	18 34	0 18	1 34	1 23	22 44	5 7	8 5	8 6	20 18	12 56	6 19
W13	21 49	4n36	0 39	18 40	4 34	18 17	5 6	28 7	5 23	23 4	0 9	16 25	2 13	18 35	0 18	1 34	1 23	22 43	5 7	8 4	8 4	20 16	12 54	6 18
T 14	21 40	10 47	0n32	18 48	4 27	18 12	5 11	28 11	5 25	23 3	0 9	16 24	2 13	18 35	0 18	1 34	1 23	22 43	5 8	8 4	8 3	20 13	12 53	6 18
F 15	21 31	16 20	1 40	18 56	4 19	18 8	5 15	28 14	5 27	23 3	0 9	16 24	2 12	18 36	0 18	1 34	1 23	22 43	5 8	8 4	8 2	20 11	12 51	6 18
S 16	21 21	21 2	2 41	19 4	4 10	18 4	5 19	28 18	5 29	23 2	0 8	16 24	2 12	18 36	0 18	1 34	1 23	22 42	5 8	8 3	8 1	20 9	12 50	6 18
S 17	21 11	24 40	3 32	19 14	3 59	18 1	5 22	28 21	5 30	23 1	0 8	16 24	2 12	18 37	0 18	1 34	1 23	22 42	5 8	8 2	8 0	20 6	12 48	6 18
M18	21 1	27 4	4 13	19 24	3 48	17 58	5 25	28 24	5 32	23 0	0 8	16 24	2 12	18 37	0 18	1 33	1 23	22 41	5 8	7 59	7 58	20 4	12 47	6 18
T 19	20 50	28 7	4 42	19 34	3 37	17 56	5 27	28 26	5 33	23 0	0 8	16 24	2 11	18 38	0 18	1 33	1 23	22 41	5 8	7 55	7 57	20 1	12 45	6 18
W20	20 39	27 47	4 57	19 45	3 24	17 54	5 29	28 29	5 34	22 59	0 8	16 24	2 11	18 38	0 18	1 33	1 23	22 40	5 8	7 50	7 56	19 59	12 44	6 17
T 21	20 28	26 9	4 59	19 56	3 11	17 53	5 30	28 31	5 35	22 58	0 8	16 25	2 11	18 39	0 18	1 33	1 23	22 40	5 8	7 45	7 55	19 56	12 42	6 17
F 22	20 16	23 21	4 48	20 7	2 58	17 52	5 31	28 33	5 36	22 57	0 8	16 25	2 11	18 39	0 18	1 33	1 23	22 40	5 8	7 40	7 54	19 54	12 40	6 17
S 23	20 4	19 36	4 24	20 17	2 44	17 52	5 32	28 35	5 36	22 56	0 8	16 25	2 10	18 40	0 18	1 33	1 23	22 39	5 8	7 35	7 52	19 51	12 39	6 17
S 24	19 51	15 5	3 49	20 27	2 30	17 52	5 32	28 36	5 37	22 55	0 8	16 25	2 10	18 40	0 18	1 32	1 23	22 39	5 8	7 31	7 51	19 49	12 37	6 17
M25	19 39	10 0	3 4	20 37	2 16	17 52	5 32	28 38	5 37	22 55	0 8	16 25	2 10	18 41	0 18	1 32	1 23	22 38	5 8	7 28	7 50	19 46	12 35	6 17
T 26	19 26	4 33	2 10	20 46	2 1	17 53	5 31	28 39	5 37	22 54	0 8	16 25	2 10	18 41	0 18	1 32	1 23	22 38	5 8	7 26	7 49	19 44	12 34	6 17
W27	19 12	1s 7	1 11	20 54	1 46	17 54	5 30	28 40	5 37	22 53	0 7	16 26	2 9	18 41	0 18	1 32	1 24	22 37	5 8	7 25	7 48	19 41	12 32	6 17
T 28	18 59	6 50	0 7	21 0	1 32	17 55	5 29	28 40	5 37	22 52	0 7	16 26	2 9	18 42	0 18	1 31	1 24	22 37	5 8	7 25	7 47	19 39	12 30	6 17
F 29	18 45	12 25	0s59	21 6	1 17	17 57	5 28	28 41	5 37	22 51	0 7	16 26	2 9	18 42	0 18	1 31	1 24	22 37	5 8	7 25	7 45	19 36	12 29	6 17
S 30	18 30	17 39	2 3	21 10	1 3	17 59	5 26	28 41	5 36	22 50	0 7	16 26	2 9	18 43	0 18	1 31	1 24	22 36	5 8	7 25	7 44	19 34	12 27	6 17
S 31	18n16	22s13	3s 4	21n13	0s49	18n 1	5s24	28s41	5s36	22n49	0s 7	16s27	2n 8	18n43	0s18	1n30	1s24	22n36	5n 8	7n25	7n43	19n31	12n25	6s17

Julian Day Number = 2521487.5, Delta T = 154.91 sec
Ecliptic obliquity = 23°25'00, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°24'59, Lahiri = 26°31'59

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2191
geocentric

AUGUST 2191 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 38 38	8♌54'47	9♐43	20♋55	0♋13	9°R 0	11♋34	23♏ 3	25♉ 2	7°R 1	10♌17	18°R53	19♈41	18♌42	7♌ 7	M 1
T 2	20 42 34	9°52'08	23°51	22°29	0°40	8♉53	11°47	23° 4	25° 4	7♈ 1	10°19	18♈47	19°38	18°49	7°14	T 2
W 3	20 46 31	10°49'30	8♉28	24° 7	1° 9	8°47	12° 0	23° 4	25° 5	7° 0	10°21	18°40	19°35	18°56	7°21	W 3
T 4	20 50 27	11°46'53	23°29	25°49	1°40	8°42	12°13	23° 5	25° 6	6°59	10°22	18°30	19°32	19° 3	7°28	T 4
F 5	20 54 24	12°44'16	8♒44	27°34	2°12	8°37	12°25	23° 6	25° 8	6°58	10°24	18°21	19°29	19° 9	7°35	F 5
S 6	20 58 20	13°41'40	24° 2	29°23	2°45	8°34	12°38	23° 7	25° 9	6°58	10°26	18°12	19°26	19°16	7°43	S 6
S 7	21 2 17	14°39'05	9♓14	1♌15	3°20	8°31	12°51	23° 8	25°10	6°57	10°28	18° 6	19°22	19°23	7°50	S 7
M 8	21 6 13	15°36'31	24° 8	3°10	3°55	8°29	13° 3	23° 9	25°11	6°56	10°29	18° 1	19°19	19°29	7°57	M 8
T 9	21 10 10	16°33'58	8♈39	5° 7	4°33	8°28	13°16	23°10	25°12	6°55	10°31	17°59	19°16	19°36	8° 4	T 9
W10	21 14 7	17°31'26	22°43	7° 5	5°11	8°D27	13°28	23°11	25°13	6°54	10°33	17°D59	19°13	19°43	8°11	W10
T 11	21 18 3	18°28'55	6♉19	9° 6	5°50	8°28	13°41	23°12	25°15	6°53	10°35	17°59	19°10	19°49	8°18	T 11
F 12	21 22 0	19°26'26	19°31	11° 7	6°31	8°29	13°53	23°14	25°15	6°52	10°36	18°R 0	19° 6	19°56	8°25	F 12
S 13	21 25 56	20°23'59	2♊21	13°10	7°12	8°31	14° 5	23°15	25°16	6°51	10°38	17°59	19° 3	20° 3	8°32	S 13
S 14	21 29 53	21°21'33	14°53	15°13	7°55	8°34	14°17	23°17	25°17	6°50	10°40	17°56	19° 0	20°10	8°40	S 14
M15	21 33 49	22°19'08	27°11	17°16	8°38	8°38	14°30	23°19	25°18	6°49	10°41	17°52	18°57	20°16	8°47	M15
T 16	21 37 46	23°16'44	9♋18	19°20	9°23	8°43	14°42	23°21	25°19	6°48	10°43	17°44	18°54	20°23	8°54	T 16
W17	21 41 42	24°14'22	21°18	21°23	10° 8	8°48	14°54	23°23	25°20	6°47	10°45	17°36	18°51	20°30	9° 1	W17
T 18	21 45 39	25°12'01	3♌12	23°25	10°54	8°55	15° 6	23°25	25°20	6°46	10°47	17°26	18°47	20°36	9° 8	T 18
F 19	21 49 36	26° 9'42	15° 4	25°27	11°41	9° 2	15°17	23°27	25°21	6°45	10°48	17°16	18°44	20°43	9°15	F 19
S 20	21 53 32	27° 7'23	26°55	27°28	12°29	9°10	15°29	23°29	25°22	6°44	10°50	17° 7	18°41	20°50	9°22	S 20
S 21	21 57 29	28° 5'06	8♍46	29°29	13°17	9°18	15°41	23°31	25°22	6°42	10°52	16°59	18°38	20°56	9°29	S 21
M22	22 1 25	29° 2'51	20°39	1♍28	14° 7	9°28	15°53	23°34	25°23	6°41	10°53	16°54	18°35	21° 3	9°36	M22
T 23	22 5 22	0♍ 0'36	2♎37	3°26	14°57	9°38	16° 4	23°36	25°23	6°40	10°55	16°50	18°32	21°10	9°43	T 23
W24	22 9 18	0°58'23	14°41	5°22	15°47	9°49	16°16	23°39	25°23	6°39	10°57	16°D49	18°28	21°17	9°49	W24
T 25	22 13 15	1°56'10	26°56	7°18	16°39	10° 1	16°27	23°42	25°24	6°37	10°58	16°50	18°25	21°23	9°56	T 25
F 26	22 17 11	2°53'59	9♏25	9°12	17°31	10°13	16°39	23°44	25°24	6°36	11° 0	16°51	18°22	21°30	10° 3	F 26
S 27	22 21 8	3°51'50	22°11	11° 5	18°24	10°26	16°50	23°47	25°24	6°35	11° 2	16°52	18°19	21°37	10°10	S 27
S 28	22 25 5	4°49'41	5♐19	12°56	19°17	10°40	17° 1	23°50	25°24	6°33	11° 3	16°R53	18°16	21°43	10°17	S 28
M29	22 29 1	5°47'34	18°51	14°46	20°11	10°55	17°12	23°53	25°25	6°32	11° 5	16°52	18°12	21°50	10°24	M29
T 30	22 32 58	6°45'28	2♑50	16°35	21° 5	11°10	17°23	23°56	25°25	6°31	11° 6	16°50	18° 9	21°57	10°30	T 30
W31	22 36 54	7♑43'23	17♑16	18♑23	22♋ 0	11♑26	17♋34	23♏59	25°R25	6♈29	11♌ 8	16♈46	18♈ 6	22♌ 3	10♌37	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	18n 1	25s46	3s55	21n13	0s35	18n 3	5s22	28s41	5s35	22n48	0s 7	16s27	2n 8	18n43	0s18	1n30	1s24	22n35	5n 8	7n23	7n42	19n29	12n24	6s17
T 2	17 46	27 51	4 35	21 12	0 21	18 5	5 20	28 41	5 35	22 47	0 7	16 27	2 8	18 44	0 18	1 30	1 24	22 35	5 8	7 21	7 41	19 26	12 22	6 17
W 3	17 30	28 6	4 58	21 8	0 8	18 8	5 17	28 41	5 34	22 46	0 7	16 28	2 8	18 44	0 18	1 30	1 24	22 35	5 8	7 18	7 39	19 24	12 20	6 17
T 4	17 14	26 20	5 2	21 2	0n 5	18 10	5 14	28 40	5 33	22 45	0 7	16 28	2 7	18 44	0 18	1 29	1 24	22 34	5 9	7 15	7 38	19 21	12 18	6 17
F 5	16 58	22 38	4 44	20 54	0 17	18 13	5 11	28 39	5 32	22 44	0 7	16 29	2 7	18 45	0 18	1 29	1 24	22 34	5 9	7 11	7 37	19 19	12 17	6 17
S 6	16 42	17 22	4 6	20 43	0 28	18 16	5 8	28 38	5 31	22 42	0 7	16 29	2 7	18 45	0 18	1 28	1 24	22 33	5 9	7 8	7 36	19 16	12 15	6 17
S 7	16 25	11 3	3 11	20 30	0 39	18 18	5 4	28 37	5 29	22 41	0 6	16 30	2 7	18 45	0 18	1 28	1 24	22 33	5 9	7 5	7 35	19 14	12 13	6 17
M 8	16 9	4 13	2 4	20 14	0 49	18 21	5 1	28 36	5 28	22 40	0 6	16 30	2 6	18 45	0 18	1 28	1 24	22 32	5 9	7 4	7 33	19 11	12 11	6 17
T 9	15 51	2n40	0 50	19 55	0 58	18 23	4 57	28 35	5 27	22 39	0 6	16 31	2 6	18 46	0 18	1 27	1 24	22 32	5 9	7 3	7 32	19 8	12 9	6 17
W10	15 34	9 13	0n25	19 34	1 7	18 26	4 53	28 33	5 25	22 38	0 6	16 31	2 6	18 46	0 18	1 27	1 24	22 32	5 9	7 3	7 31	19 6	12 8	6 17
T 11	15 16	15 8	1 36	19 10	1 14	18 28	4 49	28 32	5 24	22 37	0 6	16 32	2 6	18 46	0 18	1 26	1 24	22 31	5 9	7 3	7 30	19 3	12 6	6 17
F 12	14 59	20 10	2 40	18 43	1 21	18 30	4 45	28 30	5 22	22 36	0 6	16 32	2 5	18 46	0 18	1 26	1 24	22 31	5 9	7 3	7 29	19 1	12 4	6 17
S 13	14 40	24 7	3 34	18 15	1 27	18 33	4 41	28 28	5 20	22 34	0 6	16 33	2 5	18 47	0 18	1 26	1 24	22 30	5 9	7 3	7 27	18 58	12 2	6 17
S 14	14 22	26 48	4 16	17 44	1 32	18 35	4 37	28 26	5 19	22 33	0 6	16 34	2 5	18 47	0 18	1 25	1 24	22 30	5 9	7 2	7 26	18 56	12 0	6 17
M15	14 4	28 9	4 46	17 10	1 36	18 36	4 32	28 24	5 17	22 32	0 6	16 34	2 5	18 47	0 18	1 25	1 24	22 30	5 9	7 0	7 25	18 53	11 58	6 18
T 16	13 45	28 7	5 2	16 35	1 40	18 38	4 28	28 22	5 15	22 31	0 6	16 35	2 4	18 47	0 18	1 24	1 24	22 29	5 10	6 57	7 24	18 50	11 56	6 18
W17	13 26	26 45	5 5	15 59	1 42	18 39	4 23	28 20	5 13	22 30	0 6	16 36	2 4	18 47	0 18	1 24	1 24	22 29	5 10	6 54	7 22	18 48	11 54	6 18
T 18	13 7	24 11	4 54	15 20	1 44	18 41	4 19	28 17	5 11	22 28	0 6	16 37	2 4	18 48	0 18	1 23	1 25	22 29	5 10	6 50	7 21	18 45	11 52	6 18
F 19	12 47	20 36	4 31	14 41	1 45	18 41	4 14	28 15	5 9	22 27	0 5	16 37	2 4	18 48	0 18	1 23	1 25	22 28	5 10	6 46	7 20	18 43	11 51	6 18
S 20	12 28	16 13	3 56	13 59	1 46	18 42	4 9	28 12	5 7	22 26	0 5	16 38	2 3	18 48	0 18	1 22	1 25	22 28	5 10	6 43	7 19	18 40	11 49	6 18
S 21	12 8	11 13	3 10	13 17	1 45	18 42	4 4	28 10	5 5	22 25	0 5	16 39	2 3	18 48	0 18	1 22	1 25	22 27	5 10	6 40	7 18	18 37	11 47	6 18
M22	11 48	5 48	2 16	12 34	1 44	18 43	3 59	28 7	5 3	22 23	0 5	16 40	2 3	18 48	0 18	1 21	1 25	22 27	5 10	6 38	7 16	18 35	11 45	6 18
T 23	11 27	0 8	1 16	11 50	1 43	18 42	3 54	28 4	5 1	22 22	0 5	16 41	2 3	18 48	0 18	1 21	1 25	22 27	5 10	6 37	7 15	18 32	11 43	6 19
W24	11 7	5s36	0 12	11 6	1 41	18 42	3 49	28 1	4 58	22 21	0 5	16 42	2 2	18 48	0 18	1 20	1 25	22 26	5 10	6 36	7 14	18 29	11 41	6 19
T 25	10 47	11 13	0s54	10 20	1 38	18 41	3 44	27 58	4 56	22 19	0 5	16 42	2 2	18 48	0 18	1 20	1 25	22 26	5 11	6 36	7 13	18 27	11 39	6 19
F 26	10 26	16 30	1 59	9 35	1 35	18 40	3 38	27 54	4 54	22 18	0 5	16 43	2 2	18 48	0 18	1 19	1 25	22 26	5 11	6 37	7 12	18 24	11 37	6 19
S 27	10 5	21 11	3 0	8 48	1 31	18 38	3 33	27 51	4 52	22 17	0 5	16 44	2 2	18 48	0 18	1 19	1 25	22 25	5 11	6 37	7 10	18 22	11 35	6 19
S 28	9 44	24 59	3 53	8 2	1 27	18 36	3 28	27 48	4 49	22 16	0 5	16 45	2 1	18 48	0 18	1 18	1 25	22 25	5 11	6 38	7 9	18 19	11 33	6 20
M29	9 23	27 30	4 34	7 15	1 22	18 34	3 23	27 44	4 47	22 14	0 4	16 46	2 1	18 48	0 18	1 18	1 25	22 25	5 11	6 37	7 8	18 16	11 31	6 20
T 30	9 1	28 24	5 1	6 29	1 17	18 31	3 17	27 40	4 44	22 13	0 4	16 47	2 1	18 48	0 18	1 17	1 25	22 24	5 11	6 36	7 7	18 14	11 29	6 20
W31	8n40	27s26	5s10	5n42	1n12	18n28	3s12	27s37	4s42	22n12	0s 4	16s48	2n 1	18n48	0s18	1n16	1s25	22n24	5n11	6n35	7n 6	18n11	11n27	6s20

Julian Day Number = 2521518.5, Delta T = 154.99 sec
Ecliptic obliquity = 23°25'00, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°25'03, Lahiri = 26°32'04

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2191
geocentric

SEPTEMBER 2191 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 40 51	8♍41'20	2♒ 4	20♍ 9	22♋55	11♑43	17♋45	24♏ 3	25°R25	6°R28	11♌10	16°R41	18♈ 3	22♌10	10♌44	T 1
F 2	22 44 47	9°39'17	17° 9	21°54	23°51	12° 0	17°56	24° 6	25♉25	6♈26	11°11	16♈35	18° 0	22°17	10°50	F 2
S 3	22 48 44	10°37'17	2♓22	23°37	24°48	12°18	18° 6	24°10	25°24	6°25	11°13	16°30	17°57	22°24	10°57	S 3
S 4	22 52 40	11°35'17	17°32	25°20	25°45	12°36	18°17	24°13	25°24	6°24	11°14	16°26	17°53	22°30	11° 4	S 4
M 5	22 56 37	12°33'19	2♈30	27° 1	26°42	12°55	18°28	24°17	25°24	6°22	11°16	16°24	17°50	22°37	11°10	M 5
T 6	23 0 34	13°31'23	17° 8	28°41	27°40	13°15	18°38	24°20	25°24	6°21	11°17	16°D23	17°47	22°44	11°17	T 6
W 7	23 4 30	14°29'29	1♉21	0♎19	28°39	13°35	18°48	24°24	25°23	6°19	11°19	16°24	17°44	22°50	11°23	W 7
T 8	23 8 27	15°27'37	15° 6	1°57	29°37	13°56	18°58	24°28	25°23	6°18	11°20	16°25	17°41	22°57	11°30	T 8
F 9	23 12 23	16°25'47	28°24	3°33	0♌37	14°17	19° 9	24°32	25°23	6°16	11°22	16°27	17°38	23° 4	11°36	F 9
S 10	23 16 20	17°23'59	11♊18	5° 8	1°36	14°39	19°19	24°36	25°22	6°14	11°23	16°28	17°34	23°10	11°42	S 10
S 11	23 20 16	18°22'13	23°52	6°42	2°36	15° 2	19°28	24°40	25°22	6°13	11°25	16°R28	17°31	23°17	11°49	S 11
M12	23 24 13	19°20'29	6♋ 8	8°14	3°37	15°25	19°38	24°44	25°21	6°11	11°26	16°27	17°28	23°24	11°55	M12
T 13	23 28 9	20°18'47	18°13	9°46	4°38	15°48	19°48	24°48	25°21	6°10	11°28	16°24	17°25	23°31	12° 1	T 13
W14	23 32 6	21°17'07	0♌ 9	11°16	5°39	16°12	19°58	24°53	25°20	6° 8	11°29	16°21	17°22	23°37	12° 8	W14
T 15	23 36 3	22°15'29	12° 1	12°45	6°40	16°37	20° 7	24°57	25°19	6° 7	11°30	16°17	17°18	23°44	12°14	T 15
F 16	23 39 59	23°13'53	23°51	14°13	7°42	17° 1	20°16	25° 2	25°18	6° 5	11°32	16°13	17°15	23°51	12°20	F 16
S 17	23 43 56	24°12'19	5♍43	15°40	8°44	17°27	20°26	25° 6	25°18	6° 3	11°33	16° 9	17°12	23°57	12°26	S 17
S 18	23 47 52	25°10'46	17°38	17° 6	9°47	17°53	20°35	25°11	25°17	6° 2	11°34	16° 6	17° 9	24° 4	12°32	S 18
M19	23 51 49	26° 9'16	29°38	18°30	10°50	18°19	20°44	25°16	25°16	6° 0	11°36	16° 5	17° 6	24°11	12°38	M19
T 20	23 55 45	27° 7'47	11♎46	19°53	11°53	18°46	20°53	25°20	25°15	5°58	11°37	16°D 4	17° 3	24°17	12°44	T 20
W21	23 59 42	28° 6'21	24° 3	21°15	12°56	19°13	21° 1	25°25	25°14	5°57	11°38	16° 4	16°59	24°24	12°50	W21
T 22	0 3 38	29° 4'56	6♏30	22°35	14° 0	19°41	21°10	25°30	25°13	5°55	11°40	16° 5	16°56	24°31	12°55	T 22
F 23	0 7 35	0♎ 3'33	19°11	23°55	15° 4	20° 9	21°18	25°35	25°12	5°53	11°41	16° 6	16°53	24°37	13° 1	F 23
S 24	0 11 31	1° 2'11	2♐ 6	25°12	16° 8	20°37	21°27	25°40	25°11	5°52	11°42	16° 7	16°50	24°44	13° 7	S 24
S 25	0 15 28	2° 0'52	15°19	26°29	17°13	21° 6	21°35	25°45	25° 9	5°50	11°43	16° 8	16°47	24°51	13°12	S 25
M26	0 19 25	2°59'34	28°50	27°43	18°17	21°35	21°43	25°50	25° 8	5°49	11°45	16°R 9	16°43	24°58	13°18	M26
T 27	0 23 21	3°58'18	12♑42	28°57	19°22	22° 5	21°51	25°55	25° 7	5°47	11°46	16° 9	16°40	25° 4	13°24	T 27
W28	0 27 18	4°57'03	26°53	0♏ 8	20°28	22°35	21°59	26° 1	25° 6	5°45	11°47	16° 8	16°37	25°11	13°29	W28
T 29	0 31 14	5°55'50	11♒23	1°18	21°33	23° 5	22° 7	26° 6	25° 4	5°44	11°48	16° 7	16°34	25°18	13°34	T 29
F 30	0 35 11	6♎54'39	26♒ 7	2♏25	22♌39	23♑36	22♋14	26♏11	25♉ 3	5♈42	11♌49	16♈ 6	16♈31	25♌24	13♌40	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n18	24s32	4s59	4n55	1n 7	18n24	3s 7	27s33	4s40	22n10	0s 4	16s49	2n 0	18n48	0s18	1n16	1s25	22n24	5n11	6n33	7n 4	18n 8	11n25	6s21
F 2	7 57	19 56	4 28	4 9	1 1	18 20	3 1	27 29	4 37	22 9	0 4	16 50	2 0	18 48	0 18	1 15	1 25	22 23	5 12	6 31	7 3	18 6	11 23	6 21
S 3	7 35	14 0	3 37	3 22	0 55	18 16	2 56	27 25	4 35	22 8	0 4	16 51	2 0	18 48	0 18	1 15	1 25	22 23	5 12	6 29	7 2	18 3	11 21	6 21
S 4	7 13	7 14	2 31	2 36	0 48	18 11	2 50	27 20	4 32	22 6	0 4	16 52	2 0	18 48	0 18	1 14	1 25	22 23	5 12	6 27	7 1	18 0	11 19	6 21
M 5	6 51	0 9	1 15	1 50	0 42	18 6	2 45	27 16	4 30	22 5	0 4	16 53	2 0	18 48	0 18	1 13	1 25	22 22	5 12	6 27	7 0	17 57	11 17	6 22
T 6	6 28	6n47	0n 4	1 4	0 35	18 0	2 39	27 12	4 28	22 4	0 4	16 55	1 59	18 48	0 18	1 13	1 25	22 22	5 12	6 26	6 58	17 55	11 15	6 22
W 7	6 6	13 12	1 21	0 18	0 28	17 54	2 34	27 7	4 25	22 2	0 4	16 56	1 59	18 48	0 18	1 12	1 25	22 22	5 12	6 27	6 57	17 52	11 13	6 22
T 8	5 44	18 45	2 31	0s27	0 21	17 48	2 28	27 2	4 23	22 1	0 4	16 57	1 59	18 48	0 18	1 12	1 25	22 22	5 12	6 27	6 56	17 49	11 11	6 22
F 9	5 21	23 12	3 30	1 12	0 13	17 40	2 23	26 58	4 20	22 0	0 3	16 58	1 59	18 48	0 18	1 11	1 25	22 21	5 13	6 28	6 55	17 47	11 9	6 23
S 10	4 58	26 21	4 17	1 57	0 6	17 33	2 17	26 53	4 18	21 58	0 3	16 59	1 58	18 48	0 18	1 10	1 25	22 21	5 13	6 28	6 53	17 44	11 7	6 23
S 11	4 36	28 6	4 50	2 41	0s 2	17 25	2 12	26 48	4 15	21 57	0 3	17 0	1 58	18 48	0 18	1 10	1 25	22 21	5 13	6 28	6 52	17 41	11 5	6 23
M12	4 13	28 25	5 8	3 24	0 9	17 17	2 7	26 43	4 13	21 56	0 3	17 2	1 58	18 48	0 18	1 9	1 25	22 21	5 13	6 28	6 51	17 39	11 3	6 24
T 13	3 50	27 21	5 13	4 7	0 17	17 8	2 1	26 37	4 10	21 54	0 3	17 3	1 58	18 47	0 18	1 8	1 25	22 20	5 13	6 27	6 50	17 36	11 1	6 24
W14	3 27	25 3	5 5	4 50	0 25	16 58	1 56	26 32	4 8	21 53	0 3	17 4	1 58	18 47	0 18	1 8	1 25	22 20	5 13	6 25	6 49	17 33	10 59	6 24
T 15	3 4	21 42	4 43	5 32	0 33	16 48	1 50	26 26	4 5	21 52	0 3	17 5	1 57	18 47	0 18	1 7	1 25	22 20	5 13	6 24	6 47	17 30	10 57	6 25
F 16	2 41	17 28	4 9	6 14	0 41	16 38	1 45	26 21	4 3	21 51	0 3	17 7	1 57	18 47	0 18	1 6	1 25	22 20	5 14	6 22	6 46	17 28	10 55	6 25
S 17	2 18	12 34	3 24	6 55	0 49	16 27	1 40	26 15	4 0	21 49	0 3	17 8	1 57	18 47	0 18	1 6	1 25	22 19	5 14	6 21	6 45	17 25	10 53	6 25
S 18	1 55	7 11	2 30	7 35	0 57	16 16	1 34	26 9	3 58	21 48	0 3	17 9	1 57	18 46	0 18	1 5	1 25	22 19	5 14	6 20	6 44	17 22	10 51	6 26
M19	1 32	1 31	1 29	8 14	1 5	16 4	1 29	26 3	3 55	21 47	0 2	17 10	1 57	18 46	0 18	1 4	1 25	22 19	5 14	6 19	6 43	17 19	10 49	6 26
T 20	1 8	4s17	0 24	8 53	1 13	15 52	1 24	25 57	3 53	21 46	0 2	17 12	1 56	18 46	0 18	1 4	1 25	22 19	5 14	6 19	6 41	17 17	10 47	6 27
W21	0 45	10 0	0s44	9 31	1 20	15 40	1 18	25 50	3 50	21 44	0 2	17 13	1 56	18 46	0 18	1 3	1 25	22 18	5 14	6 19	6 40	17 14	10 45	6 27
T 22	0 22	15 25	1 51	10 9	1 28	15 27	1 13	25 44	3 48	21 43	0 2	17 14	1 56	18 46	0 18	1 2	1 25	22 18	5 15	6 19	6 39	17 11	10 43	6 27
F 23	0s 1	20 17	2 53	10 46	1 36	15 13	1 8	25 37	3 45	21 42	0 2	17 16	1 56	18 45	0 18	1 2	1 25	22 18	5 15	6 20	6 38	17 8	10 41	6 28
S 24	0 25	24 17	3 48	11 21	1 44	14 59	1 3	25 30	3 43	21 41	0 2	17 17	1 56	18 45	0 18	1 1	1 25	22 18	5 15	6 20	6 36	17 6	10 39	6 28
S 25	0 48	27 7	4 32	11 56	1 52	14 45	0 58	25 23	3 40	21 39	0 2	17 19	1 55	18 45	0 18	1 0	1 25	22 18	5 15	6 21	6 35	17 3	10 37	6 29
M26	1 11	28 27	5 2	12 30	1 59	14 30	0 53	25 16	3 38	21 38	0 2	17 20	1 55	18 44	0 18	1 0	1 26	22 18	5 15	6 21	6 34	17 0	10 35	6 29
T 27	1 35	28 3	5 16	13 4	2 7	14 14	0 48	25 9	3 36	21 37	0 2	17 21	1 55	18 44	0 18	0 59	1 26	22 17	5 16	6 21	6 33	16 57	10 33	6 30
W28	1 58	25 51	5 11	13 36	2 14	13 59	0 43	25 2	3 33	21 36	0 2	17 23	1 55	18 44	0 18	0 58	1 26	22 17	5 16	6 20	6 32	16 54	10 31	6 30
T 29	2 21	21 56	4 46	14 7	2 21	13 42	0 38	24 54	3 31	21 35	0 1	17 24	1 55	18 43	0 18	0 58	1 26	22 17	5 16	6 20	6 30	16 52	10 29	6 30
F 30	2s44	16s36	4s 3	14s37	2s28	13n26	0s33	24s46	3s28	21n34	0s 1	17s26	1n54	18n43	0s18	0n57	1s26	22n17	5n16	6n20	6n29	16n49	10n28	6s31

Julian Day Number = 2521549.5, Delta T = 155.07 sec
Ecliptic obliquity = 23°25'01, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°25'07, Lahiri = 26°32'08

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2191
geocentric

OCTOBER 2191 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 39 7	7♎53'29	10♓59	3♏31	23♌45	24♉ 7	22♋22	26♏17	25°R 1	5°R40	11♌50	16°R 5	16♈28	25♌31	13♌45	S 1
S 2	0 43 4	8°52'21	25°52	4°35	24°51	24°38	22°29	26°22	25♉ 0	5♈39	11°51	16♈ 4	16°24	25°38	13°50	S 2
M 3	0 47 0	9°51'15	10♈38	5°36	25°58	25°10	22°36	26°28	24°58	5°37	11°52	16°D 4	16°21	25°44	13°55	M 3
T 4	0 50 57	10°50'11	25°11	6°35	27° 4	25°42	22°43	26°34	24°57	5°35	11°53	16° 4	16°18	25°51	14° 1	T 4
W 5	0 54 54	11°49'10	9♉23	7°30	28°11	26°14	22°50	26°39	24°55	5°34	11°54	16° 4	16°15	25°58	14° 6	W 5
T 6	0 58 50	12°48'10	23°12	8°23	29°18	26°47	22°57	26°45	24°54	5°32	11°55	16° 5	16°12	26° 4	14°11	T 6
F 7	1 2 47	13°47'13	6♊36	9°13	0♍26	27°20	23° 3	26°51	24°52	5°30	11°56	16° 5	16° 9	26°11	14°15	F 7
S 8	1 6 43	14°46'18	19°35	9°59	1°33	27°53	23°10	26°57	24°50	5°29	11°57	16° 5	16° 5	26°18	14°20	S 8
S 9	1 10 40	15°45'26	2♋13	10°42	2°41	28°26	23°16	27° 3	24°49	5°27	11°58	16°R 5	16° 2	26°25	14°25	S 9
M10	1 14 36	16°44'35	14°32	11°20	3°49	29° 0	23°22	27° 9	24°47	5°25	11°59	16°D 5	15°59	26°31	14°30	M10
T 11	1 18 33	17°43'47	26°38	11°53	4°57	29°34	23°28	27°15	24°45	5°24	12° 0	16° 5	15°56	26°38	14°34	T 11
W12	1 22 29	18°43'01	8♌34	12°22	6° 5	0♒ 8	23°34	27°21	24°43	5°22	12° 1	16° 5	15°53	26°45	14°39	W12
T 13	1 26 26	19°42'18	20°25	12°45	7°14	0°43	23°40	27°27	24°41	5°21	12° 2	16° 6	15°49	26°51	14°43	T 13
F 14	1 30 23	20°41'36	2♍15	13° 3	8°22	1°17	23°45	27°33	24°39	5°19	12° 2	16° 6	15°46	26°58	14°48	F 14
S 15	1 34 19	21°40'57	14° 9	13°13	9°31	1°52	23°50	27°39	24°37	5°17	12° 3	16° 7	15°43	27° 5	14°52	S 15
S 16	1 38 16	22°40'20	26° 9	13°R17	10°40	2°27	23°55	27°45	24°35	5°16	12° 4	16° 7	15°40	27°11	14°56	S 16
M17	1 42 12	23°39'45	8♎19	13°14	11°49	3° 3	24° 0	27°52	24°33	5°14	12° 5	16° 8	15°37	27°18	15° 0	M17
T 18	1 46 9	24°39'13	20°40	13° 3	12°59	3°39	24° 5	27°58	24°31	5°13	12° 5	16°R 8	15°34	27°25	15° 4	T 18
W19	1 50 5	25°38'42	3♏14	12°43	14° 8	4°14	24°10	28° 4	24°29	5°11	12° 6	16° 7	15°30	27°31	15° 8	W19
T 20	1 54 2	26°38'14	16° 2	12°15	15°18	4°51	24°14	28°11	24°27	5°10	12° 7	16° 6	15°27	27°38	15°12	T 20
F 21	1 57 58	27°37'47	29° 3	11°39	16°27	5°27	24°18	28°17	24°25	5° 8	12° 7	16° 5	15°24	27°45	15°16	F 21
S 22	2 1 55	28°37'22	12♐18	10°54	17°37	6° 3	24°23	28°24	24°23	5° 7	12° 8	16° 3	15°21	27°51	15°20	S 22
S 23	2 5 52	29°36'59	25°46	10° 1	18°47	6°40	24°26	28°30	24°21	5° 5	12° 9	16° 2	15°18	27°58	15°23	S 23
M24	2 9 48	0♏36'38	9♑27	9° 0	19°58	7°17	24°30	28°37	24°19	5° 4	12° 9	16° 0	15°15	28° 5	15°27	M24
T 25	2 13 45	1°36'19	23°20	7°53	21° 8	7°54	24°34	28°43	24°16	5° 2	12°10	15°59	15°11	28°12	15°30	T 25
W26	2 17 41	2°36'01	7♒24	6°42	22°18	8°31	24°37	28°50	24°14	5° 1	12°10	15°D59	15° 8	28°18	15°34	W26
T 27	2 21 38	3°35'45	21°37	5°27	23°29	9° 9	24°40	28°57	24°12	4°59	12°11	16° 0	15° 5	28°25	15°37	T 27
F 28	2 25 34	4°35'31	5♓58	4°11	24°40	9°47	24°43	29° 3	24° 9	4°58	12°11	16° 1	15° 2	28°32	15°40	F 28
S 29	2 29 31	5°35'18	20°24	2°57	25°50	10°24	24°46	29°10	24° 7	4°57	12°11	16° 2	14°59	28°38	15°44	S 29
S 30	2 33 27	6°35'06	4♈50	1°46	27° 1	11° 2	24°49	29°17	24° 5	4°55	12°12	16° 3	14°55	28°45	15°47	S 30
M31	2 37 24	7♏34'57	19♈12	0♏40	28♍12	11♒40	24♋51	29♏23	24♉ 2	4♈54	12♌12	16°R 4	14♈52	28♌52	15♌49	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3s 8	10s15	3s 3	15s 6	2s35	13n 9	0s28	24s39	3s26	21n33	0s 1	17s27	1n54	18n43	0s18	0n56	1s26	22n17	5n16	6n19	6n28	16n46	10n26	6s31
S 2	3 31	3 19	1 50	15 34	2 41	12 51	0 24	24 31	3 23	21 32	0 1	17 28	1 54	18 42	0 18	0 56	1 26	22 17	5 16	6 19	6 27	16 43	10 24	6 32
M 3	3 54	3n45	0 30	16 0	2 47	12 33	0 19	24 22	3 21	21 30	0 1	17 30	1 54	18 42	0 18	0 55	1 26	22 17	5 17	6 19	6 26	16 40	10 22	6 32
T 4	4 17	10 31	0n50	16 25	2 53	12 15	0 14	24 14	3 19	21 29	0 1	17 31	1 54	18 42	0 18	0 54	1 26	22 16	5 17	6 19	6 24	16 38	10 20	6 33
W 5	4 40	16 36	2 6	16 49	2 59	11 56	0 10	24 6	3 16	21 28	0 1	17 33	1 54	18 41	0 18	0 54	1 26	22 16	5 17	6 19	6 23	16 35	10 18	6 33
T 6	5 3	21 39	3 12	17 11	3 4	11 37	0 5	23 57	3 14	21 27	0 1	17 34	1 53	18 41	0 18	0 53	1 26	22 16	5 17	6 19	6 22	16 32	10 16	6 34
F 7	5 26	25 25	4 5	17 32	3 9	11 18	0 1	23 48	3 11	21 26	0 1	17 36	1 53	18 40	0 18	0 53	1 26	22 16	5 17	6 19	6 21	16 29	10 14	6 34
S 8	5 49	27 44	4 44	17 51	3 13	10 58	0n 3	23 39	3 9	21 25	0 0	17 37	1 53	18 40	0 18	0 52	1 26	22 16	5 18	6 19	6 19	16 26	10 12	6 35
S 9	6 12	28 32	5 8	18 8	3 17	10 38	0 8	23 30	3 7	21 24	0 0	17 39	1 53	18 40	0 18	0 51	1 26	22 16	5 18	6 19	6 18	16 23	10 11	6 35
M10	6 34	27 53	5 17	18 23	3 20	10 17	0 12	23 21	3 4	21 24	0 0	17 40	1 53	18 39	0 18	0 51	1 26	22 16	5 18	6 19	6 17	16 21	10 9	6 36
T 11	6 57	25 55	5 12	18 35	3 22	9 56	0 16	23 11	3 2	21 23	0 0	17 42	1 53	18 39	0 18	0 50	1 26	22 16	5 18	6 19	6 16	16 18	10 7	6 36
W12	7 20	22 49	4 53	18 46	3 24	9 35	0 20	23 2	3 0	21 22	0 0	17 43	1 52	18 38	0 18	0 49	1 26	22 16	5 18	6 19	6 15	16 15	10 5	6 37
T 13	7 42	18 49	4 22	18 54	3 25	9 13	0 24	22 52	2 58	21 21	0n 0	17 45	1 52	18 38	0 18	0 49	1 26	22 16	5 19	6 19	6 13	16 12	10 3	6 37
F 14	8 4	14 5	3 40	18 59	3 24	8 51	0 28	22 42	2 55	21 20	0 0	17 46	1 52	18 37	0 18	0 48	1 26	22 16	5 19	6 20	6 12	16 9	10 2	6 38
S 15	8 27	8 49	2 48	19 1	3 23	8 29	0 32	22 32	2 53	21 19	0 0	17 48	1 52	18 37	0 18	0 47	1 26	22 16	5 19	6 20	6 11	16 6	10 0	6 39
S 16	8 49	3 11	1 49	19 0	3 21	8 6	0 36	22 22	2 51	21 19	0 0	17 49	1 52	18 36	0 18	0 47	1 26	22 16	5 19	6 20	6 10	16 3	9 58	6 39
M17	9 11	2s38	0 43	18 56	3 17	7 44	0 39	22 11	2 48	21 18	0 1	17 51	1 52	18 36	0 18	0 46	1 25	22 16	5 19	6 20	6 8	16 1	9 56	6 40
T 18	9 33	8 27	0s25	18 48	3 12	7 20	0 43	22 1	2 46	21 17	0 1	17 52	1 52	18 35	0 18	0 46	1 25	22 16	5 20	6 20	6 7	15 58	9 55	6 40
W19	9 54	14 3	1 33	18 36	3 6	6 57	0 46	21 50	2 44	21 16	0 1	17 54	1 51	18 35	0 18	0 45	1 25	22 16	5 20	6 20	6 6	15 55	9 53	6 41
T 20	10 16	19 8	2 38	18 19	2 58	6 33	0 50	21 39	2 42	21 16	0 1	17 56	1 51	18 34	0 18	0 44	1 25	22 16	5 20	6 20	6 5	15 52	9 51	6 41
F 21	10 37	23 26	3 36	17 59	2 48	6 9	0 53	21 28	2 39	21 15	0 1	17 57	1 51	18 34	0 18	0 44	1 25	22 16	5 20	6 19	6 4	15 49	9 50	6 42
S 22	10 59	26 35	4 23	17 34	2 37	5 45	0 56	21 17	2 37	21 15	0 1	17 59	1 51	18 33	0 18	0 43	1 25	22 16	5 20	6 19	6 2	15 46	9 48	6 43
S 23	11 20	28 17	4 57	17 4	2 23	5 21	1 0	21 5	2 35	21 14	0 1	18 0	1 51	18 33	0 18	0 43	1 25	22 16	5 21	6 18	6 1	15 43	9 47	6 43
M24	11 41	28 18	5 14	16 30	2 8	4 56	1 3	20 54	2 33	21 13	0 1	18 2	1 51	18 32	0 18	0 42	1 25	22 16	5 21	6 17	6 0	15 40	9 45	6 44
T 25	12 1	26 33	5 13	15 53	1 51	4 31	1 6	20 42	2 31	21 13	0 2	18 3	1 51	18 32	0 18	0 42	1 25	22 16	5 21	6 17	5 59	15 37	9 43	6 44
W26	12 22	23 9	4 54	15 12	1 33	4 6	1 9	20 30	2 29	21 12	0 2	18 5	1 51	18 31	0 18	0 41	1 25	22 16	5 21	6 17	5 57	15 34	9 42	6 45
T 27	12 42	18 20	4 17	14 29	1 14	3 41	1 11	20 18	2 26	21 12	0 2	18 6	1 50	18 31	0 18	0 40	1 25	22 16	5 22	6 17	5 56	15 32	9 40	6 46
F 28	13 2	12 28	3 24	13 44	0 53	3 15	1 14	20 6	2 24	21 12	0 2	18 8	1 50	18 30	0 18	0 40	1 25	22 16	5 22	6 18	5 55	15 29	9 39	6 46
S 29	13 22	5 54	2 17	13 0	0 33	2 50	1 17	19 54	2 22	21 11	0 2	18 9	1 50	18 30	0 18	0 39	1 25	22 16	5 22	6 18	5 54	15 26	9 37	6 47
S 30	13 42	0n59	1 2	12 16	0 12	2 24	1 19	19 41	2 20	21 11	0 2	18 11	1 50	18 29	0 18	0 39	1 25	22 16	5 22	6 19	5 52	15 23	9 36	6 48
M31	14s 2	7n47	0n17	11s34	0n 8	1n58	1n22	19s29	2s18	21n11	0n 2	18s13	1n50	18n28	0s18	0n38	1s25	22n16	5n22	6n19	5n51	15n20	9n34	6s48

Julian Day Number = 2521579.5, Delta T = 155.15 sec
Ecliptic obliquity = 23°25'01, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°25'12, Lahiri = 26°32'12

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2191
geocentric

NOVEMBER 2191 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 41 21	8♏34'49	3♉25	29°R43	29♍24	12♒19	24♋53	29♏30	24°R 0	4°R52	12♌13	16°R 3	14♈49	28♌58	15♌52	T 1
W 2	2 45 17	9°34'44	17°24	28♎55	0♎35	12°57	24°55	29°37	23♉58	4♈51	12°13	16♈ 1	14°46	29° 5	15°55	W 2
T 3	2 49 14	10°34'40	1♊ 6	28°17	1°46	13°36	24°57	29°44	23°55	4°50	12°13	15°58	14°43	29°12	15°58	T 3
F 4	2 53 10	11°34'39	14°27	27°51	2°58	14°14	24°59	29°51	23°53	4°49	12°13	15°54	14°40	29°18	16° 0	F 4
S 5	2 57 7	12°34'39	27°27	27°36	4°10	14°53	25° 0	29°58	23°50	4°47	12°14	15°49	14°36	29°25	16° 3	S 5
S 6	3 1 3	13°34'42	10♋ 7	27°D33	5°21	15°32	25° 2	0♐ 5	23°48	4°46	12°14	15°45	14°33	29°32	16° 5	S 6
M 7	3 5 0	14°34'46	22°29	27°41	6°33	16°11	25° 3	0°12	23°46	4°45	12°14	15°42	14°30	29°38	16° 7	M 7
T 8	3 8 56	15°34'53	4♌36	27°59	7°45	16°51	25° 4	0°19	23°43	4°44	12°14	15°40	14°27	29°45	16°10	T 8
W 9	3 12 53	16°35'02	16°32	28°27	8°57	17°30	25° 4	0°26	23°41	4°43	12°14	15°D39	14°24	29°52	16°12	W 9
T 10	3 16 50	17°35'12	28°23	29° 5	10° 9	18° 9	25° 5	0°33	23°38	4°42	12°14	15°40	14°21	29°59	16°14	T 10
F 11	3 20 46	18°35'25	10♍13	29°50	11°22	18°49	25° 5	0°40	23°36	4°40	12°14	15°42	14°17	0♍ 5	16°16	F 11
S 12	3 24 43	19°35'40	22° 8	0♏43	12°34	19°29	25°R 5	0°47	23°33	4°39	12°15	15°43	14°14	0°12	16°17	S 12
S 13	3 28 39	20°35'56	4♎12	1°42	13°46	20° 8	25° 5	0°54	23°31	4°38	12°R15	15°45	14°11	0°19	16°19	S 13
M14	3 32 36	21°36'15	16°29	2°46	14°59	20°48	25° 5	1° 1	23°28	4°37	12°15	15°R46	14° 8	0°25	16°21	M14
T 15	3 36 32	22°36'36	29° 2	3°56	16°12	21°28	25° 4	1° 8	23°26	4°36	12°14	15°45	14° 5	0°32	16°22	T 15
W16	3 40 29	23°36'58	11♏53	5° 9	17°24	22° 9	25° 3	1°15	23°23	4°35	12°14	15°42	14° 1	0°39	16°24	W16
T 17	3 44 25	24°37'22	25° 2	6°26	18°37	22°49	25° 3	1°22	23°21	4°34	12°14	15°37	13°58	0°45	16°25	T 17
F 18	3 48 22	25°37'48	8♐29	7°46	19°50	23°29	25° 1	1°29	23°18	4°33	12°14	15°31	13°55	0°52	16°26	F 18
S 19	3 52 19	26°38'15	22°11	9° 9	21° 3	24°10	25° 0	1°36	23°16	4°33	12°14	15°24	13°52	0°59	16°27	S 19
S 20	3 56 15	27°38'44	6♑ 5	10°34	22°16	24°50	24°59	1°43	23°13	4°32	12°14	15°17	13°49	1° 5	16°28	S 20
M21	4 0 12	28°39'15	20° 7	12° 0	23°29	25°31	24°57	1°50	23°11	4°31	12°14	15°11	13°46	1°12	16°29	M21
T 22	4 4 8	29°39'46	4♒15	13°28	24°42	26°12	24°55	1°58	23° 8	4°30	12°13	15° 6	13°42	1°19	16°30	T 22
W23	4 8 5	0♐40'19	18°24	14°58	25°55	26°52	24°53	2° 5	23° 6	4°29	12°13	15° 4	13°39	1°25	16°30	W23
T 24	4 12 1	1°40'53	2♓33	16°28	27° 9	27°33	24°51	2°12	23° 3	4°29	12°13	15°D 3	13°36	1°32	16°31	T 24
F 25	4 15 58	2°41'28	16°39	17°59	28°22	28°14	24°48	2°19	23° 1	4°28	12°13	15° 4	13°33	1°39	16°31	F 25
S 26	4 19 55	3°42'04	0♈43	19°31	29°35	28°55	24°45	2°26	22°58	4°27	12°12	15° 5	13°30	1°45	16°32	S 26
S 27	4 23 51	4°42'41	14°42	21° 3	0♏49	29°36	24°42	2°33	22°56	4°27	12°12	15°R 5	13°27	1°52	16°32	S 27
M28	4 27 48	5°43'20	28°36	22°36	2° 2	0♓18	24°39	2°40	22°54	4°26	12°12	15° 5	13°23	1°59	16°32	M28
T 29	4 31 44	6°43'59	12♉22	24° 9	3°16	0°59	24°36	2°47	22°51	4°25	12°11	15° 1	13°20	2° 5	16°R32	T 29
W30	4 35 41	7♐44'40	25♉58	25♏42	4♏29	1♓40	24♋33	2♐55	22♉49	4♈25	12♌11	14♈56	13♈17	2♍12	16♌32	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s21	14n 7	1n34	10s56	0n28	1n32	1n24	19s16	2s16	21n10	0n 2	18s14	1n50	18n28	0s18	0n38	1s25	22n16	5n23	6n18	5n50	15n17	9n33	6s49
W 2	14 40	19 38	2 44	10 22	0 46	1 6	1 27	19 3	2 14	21 10	0 3	18 16	1 50	18 27	0 18	0 37	1 25	22 17	5 23	6 18	5 49	15 14	9 31	6 50
T 3	14 59	23 59	3 43	9 53	1 3	0 39	1 29	18 50	2 12	21 10	0 3	18 17	1 50	18 27	0 18	0 37	1 25	22 17	5 23	6 16	5 48	15 11	9 30	6 50
F 4	15 18	26 56	4 28	9 29	1 18	0 13	1 31	18 37	2 10	21 10	0 3	18 19	1 50	18 26	0 18	0 36	1 25	22 17	5 23	6 15	5 46	15 8	9 29	6 51
S 5	15 36	28 21	4 57	9 12	1 31	0s14	1 33	18 23	2 8	21 10	0 3	18 20	1 50	18 25	0 18	0 36	1 25	22 17	5 23	6 13	5 45	15 5	9 27	6 51
S 6	15 54	28 13	5 12	9 0	1 43	0 41	1 35	18 10	2 6	21 9	0 3	18 22	1 49	18 25	0 18	0 35	1 25	22 17	5 24	6 12	5 44	15 2	9 26	6 52
M 7	16 12	26 39	5 11	8 53	1 52	1 7	1 37	17 56	2 4	21 9	0 3	18 23	1 49	18 24	0 18	0 35	1 25	22 17	5 24	6 10	5 43	14 59	9 25	6 53
T 8	16 29	23 53	4 56	8 53	2 0	1 34	1 38	17 42	2 2	21 9	0 3	18 25	1 49	18 24	0 18	0 35	1 25	22 17	5 24	6 10	5 41	14 56	9 23	6 53
W 9	16 47	20 8	4 29	8 57	2 6	2 1	1 40	17 28	2 0	21 9	0 3	18 26	1 49	18 23	0 18	0 34	1 25	22 18	5 24	6 9	5 40	14 53	9 22	6 54
T 10	17 4	15 37	3 50	9 6	2 11	2 28	1 41	17 14	1 58	21 9	0 4	18 28	1 49	18 22	0 18	0 34	1 25	22 18	5 25	6 10	5 39	14 50	9 21	6 55
F 11	17 20	10 32	3 2	9 18	2 14	2 55	1 43	17 0	1 56	21 9	0 4	18 29	1 49	18 22	0 18	0 33	1 25	22 18	5 25	6 10	5 38	14 47	9 20	6 55
S 12	17 37	5 2	2 5	9 35	2 16	3 22	1 44	16 46	1 54	21 10	0 4	18 31	1 49	18 21	0 18	0 33	1 25	22 18	5 25	6 11	5 37	14 44	9 19	6 56
S 13	17 53	0s43	1 3	9 55	2 17	3 49	1 45	16 31	1 52	21 10	0 4	18 32	1 49	18 21	0 18	0 33	1 25	22 18	5 25	6 12	5 35	14 42	9 18	6 57
M14	18 9	6 32	0s 4	10 17	2 16	4 15	1 47	16 17	1 50	21 10	0 4	18 34	1 49	18 20	0 18	0 32	1 25	22 19	5 25	6 12	5 34	14 39	9 16	6 57
T 15	18 24	12 14	1 12	10 42	2 15	4 42	1 48	16 2	1 48	21 10	0 4	18 35	1 49	18 19	0 18	0 32	1 25	22 19	5 26	6 11	5 33	14 36	9 15	6 58
W16	18 40	17 34	2 17	11 8	2 13	5 9	1 49	15 47	1 46	21 10	0 4	18 37	1 49	18 19	0 18	0 31	1 25	22 19	5 26	6 10	5 32	14 33	9 14	6 59
T 17	18 54	22 12	3 17	11 36	2 10	5 36	1 50	15 32	1 44	21 11	0 5	18 38	1 49	18 18	0 18	0 31	1 25	22 19	5 26	6 9	5 30	14 30	9 13	7 0
F 18	19 9	25 46	4 7	12 6	2 6	6 3	1 50	15 17	1 42	21 11	0 5	18 40	1 49	18 18	0 18	0 31	1 25	22 20	5 26	6 6	5 29	14 27	9 12	7 0
S 19	19 23	27 55	4 44	12 36	2 2	6 29	1 51	15 2	1 40	21 11	0 5	18 41	1 49	18 17	0 18	0 30	1 25	22 20	5 26	6 4	5 28	14 24	9 11	7 1
S 20	19 37	28 21	5 5	13 7	1 58	6 56	1 52	14 47	1 39	21 12	0 5	18 43	1 48	18 16	0 18	0 30	1 25	22 20	5 27	6 1	5 27	14 21	9 10	7 2
M21	19 50	26 59	5 8	13 38	1 52	7 22	1 52	14 31	1 37	21 12	0 5	18 44	1 48	18 16	0 18	0 30	1 25	22 20	5 27	5 58	5 25	14 18	9 10	7 2
T 22	20 4	23 54	4 52	14 10	1 47	7 49	1 53	14 16	1 35	21 13	0 5	18 46	1 48	18 15	0 18	0 30	1 25	22 21	5 27	5 57	5 24	14 15	9 9	7 3
W23	20 16	19 23	4 18	14 42	1 41	8 15	1 53	14 0	1 33	21 13	0 5	18 47	1 48	18 14	0 18	0 29	1 25	22 21	5 27	5 56	5 23	14 12	9 8	7 4
T 24	20 29	13 49	3 29	15 14	1 35	8 41	1 53	13 44	1 31	21 14	0 6	18 49	1 48	18 14	0 18	0 29	1 25	22 21	5 28	5 55	5 22	14 9	9 7	7 4
F 25	20 41	7 31	2 27	15 45	1 29	9 7	1 53	13 28	1 29	21 14	0 6	18 50	1 48	18 13	0 18	0 29	1 25	22 21	5 28	5 56	5 21	14 6	9 6	7 5
S 26	20 52	0 53	1 17	16 16	1 22	9 33	1 53	13 12	1 28	21 15	0 6	18 52	1 48	18 13	0 18	0 29	1 25	22 22	5 28	5 56	5 19	14 3	9 6	7 6
S 27	21 4	5n46	0 2	16 47	1 15	9 58	1 53	12 56	1 26	21 16	0 6	18 53	1 48	18 12	0 18	0 28	1 24	22 22	5 28	5 56	5 18	13 59	9 5	7 6
M28	21 14	12 5	1n12	17 18	1 9	10 24	1 53	12 40	1 24	21 16	0 6	18 54	1 48	18 11	0 18	0 28	1 24	22 22	5 28	5 56	5 17	13 56	9 4	7 7
T 29	21 25	17 46	2 21	17 48	1 2	10 49	1 53	12 24	1 22	21 17	0 6	18 56	1 48	18 11	0 18	0 28	1 24	22 23	5 29	5 55	5 16	13 53	9 3	7 8
W30	21s35	22n29	3n21	18s17	0n55	11s14	1n53	12s 8	1s21	21n18	0n 6	18s57	1n48	18n10	0s18	0n28	1s24	22n23	5n29	5n53	5n14	13n50	9n 3	7s 8

Julian Day Number = 2521610.5, Delta T = 155.23 sec
Ecliptic obliquity = 23°25'01, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°25'16, Lahiri = 26°32'16

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2191
geocentric

DECEMBER 2191 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 39 37	8♐45'23	9♊21	27♏15	5♏43	2♓21	24°R29	3♐ 2	22°R46	4°R24	12°R10	14°R48	13♈14	2♍19	16°R32	T 1
F 2	4 43 34	9°46'06	22°30	28°49	6°57	3° 3	24♋25	3° 9	22♉44	4♈24	12♎10	14♈38	13°11	2°26	16♎31	F 2
S 3	4 47 30	10°46'51	5♋22	0♐22	8°11	3°44	24°21	3°16	22°42	4°23	12° 9	14°28	13° 7	2°32	16°31	S 3
S 4	4 51 27	11°47'38	17°58	1°56	9°24	4°26	24°17	3°23	22°39	4°23	12° 9	14°17	13° 4	2°39	16°31	S 4
M 5	4 55 24	12°48'25	0♎18	3°30	10°38	5° 7	24°13	3°30	22°37	4°23	12° 8	14° 8	13° 1	2°46	16°30	M 5
T 6	4 59 20	13°49'14	12°24	5° 4	11°52	5°49	24° 8	3°37	22°35	4°22	12° 8	14° 1	12°58	2°52	16°29	T 6
W 7	5 3 17	14°50'04	24°20	6°38	13° 6	6°31	24° 3	3°44	22°33	4°22	12° 7	13°56	12°55	2°59	16°29	W 7
T 8	5 7 13	15°50'56	6♍10	8°11	14°20	7°12	23°58	3°51	22°30	4°22	12° 6	13°54	12°52	3° 6	16°28	T 8
F 9	5 11 10	16°51'49	17°59	9°45	15°34	7°54	23°53	3°58	22°28	4°21	12° 6	13°D53	12°48	3°12	16°27	F 9
S 10	5 15 6	17°52'43	29°53	11°19	16°49	8°36	23°48	4° 5	22°26	4°21	12° 5	13°54	12°45	3°19	16°25	S 10
S 11	5 19 3	18°53'38	11♎57	12°53	18° 3	9°18	23°43	4°12	22°24	4°21	12° 4	13°R54	12°42	3°26	16°24	S 11
M12	5 22 59	19°54'35	24°15	14°27	19°17	10° 0	23°37	4°19	22°22	4°21	12° 3	13°54	12°39	3°32	16°23	M12
T 13	5 26 56	20°55'33	6♏54	16° 1	20°31	10°42	23°31	4°26	22°20	4°21	12° 3	13°51	12°36	3°39	16°22	T 13
W14	5 30 53	21°56'32	19°54	17°35	21°46	11°24	23°26	4°33	22°17	4°21	12° 2	13°46	12°33	3°46	16°20	W14
T 15	5 34 49	22°57'32	3♐20	19° 9	23° 0	12° 6	23°19	4°40	22°15	4°21	12° 1	13°38	12°29	3°52	16°18	T 15
F 16	5 38 46	23°58'33	17° 8	20°43	24°14	12°48	23°13	4°47	22°13	4°D21	12° 0	13°28	12°26	3°59	16°17	F 16
S 17	5 42 42	24°59'35	1♑16	22°17	25°29	13°30	23° 7	4°54	22°11	4°21	11°59	13°16	12°23	4° 6	16°15	S 17
S 18	5 46 39	26° 0'38	15°39	23°51	26°43	14°12	23° 1	5° 1	22° 9	4°21	11°59	13° 5	12°20	4°12	16°13	S 18
M19	5 50 35	27° 1'41	0♒10	25°26	27°57	14°54	22°54	5° 7	22° 7	4°21	11°58	12°54	12°17	4°19	16°11	M19
T 20	5 54 32	28° 2'45	14°43	27° 0	29°12	15°36	22°47	5°14	22° 6	4°21	11°57	12°46	12°13	4°26	16° 9	T 20
W21	5 58 28	29° 3'49	29°10	28°35	0♐26	16°19	22°41	5°21	22° 4	4°21	11°56	12°40	12°10	4°32	16° 7	W21
T 22	6 2 25	0♑ 4'54	13♓29	0♑ 9	1°41	17° 1	22°34	5°28	22° 2	4°21	11°55	12°37	12° 7	4°39	16° 4	T 22
F 23	6 6 22	1° 5'59	27°36	1°44	2°56	17°43	22°27	5°34	22° 0	4°22	11°54	12°D36	12° 4	4°46	16° 2	F 23
S 24	6 10 18	2° 7'04	11♈31	3°19	4°10	18°26	22°19	5°41	21°58	4°22	11°53	12°R36	12° 1	4°52	16° 0	S 24
S 25	6 14 15	3° 8'09	25°14	4°54	5°25	19° 8	22°12	5°48	21°57	4°22	11°52	12°36	11°58	4°59	15°57	S 25
M26	6 18 11	4° 9'14	8♉46	6°30	6°39	19°50	22° 5	5°54	21°55	4°23	11°51	12°33	11°54	5° 6	15°54	M26
T 27	6 22 8	5°10'20	22° 7	8° 6	7°54	20°32	21°57	6° 1	21°53	4°23	11°50	12°29	11°51	5°12	15°52	T 27
W28	6 26 4	6°11'26	5♊18	9°41	9° 9	21°15	21°50	6° 7	21°52	4°23	11°49	12°21	11°48	5°19	15°49	W28
T 29	6 30 1	7°12'32	18°19	11°18	10°23	21°57	21°42	6°14	21°50	4°24	11°48	12°10	11°45	5°26	15°46	T 29
F 30	6 33 58	8°13'39	1♋ 8	12°54	11°38	22°40	21°35	6°20	21°49	4°24	11°47	11°57	11°42	5°32	15°43	F 30
S 31	6 37 54	9♑14'45	13♋45	14♑30	12♐53	23♓22	21♋27	6♐27	21♉47	4♈25	11♎45	11♈42	11♈39	5♍39	15♎40	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s44	25n56	4n 9	18s45	0n48	11s39	1n52	11s51	1s19	21n19	0n 7	18s59	1n48	18n10	0s18	0n28	1s24	22n23	5n29	5n50	5n13	13n47	9n 2	7s 9
F 2	21 54	27 54	4 43	19 13	0 41	12 3	1 52	11 35	1 17	21 20	0 7	19 0	1 48	18 9	0 18	0 27	1 24	22 24	5 29	5 46	5 12	13 44	9 2	7 10
S 3	22 2	28 19	5 1	19 40	0 34	12 28	1 51	11 18	1 16	21 20	0 7	19 1	1 48	18 9	0 18	0 27	1 24	22 24	5 29	5 42	5 11	13 41	9 1	7 10
S 4	22 11	27 14	5 4	20 6	0 26	12 52	1 51	11 1	1 14	21 21	0 7	19 3	1 48	18 8	0 18	0 27	1 24	22 24	5 30	5 38	5 9	13 38	9 1	7 11
M 5	22 19	24 50	4 53	20 31	0 19	13 15	1 50	10 45	1 12	21 22	0 7	19 4	1 48	18 7	0 18	0 27	1 24	22 25	5 30	5 34	5 8	13 35	9 0	7 12
T 6	22 26	21 21	4 28	20 55	0 12	13 39	1 49	10 28	1 11	21 23	0 7	19 5	1 48	18 7	0 18	0 27	1 24	22 25	5 30	5 31	5 7	13 32	9 0	7 12
W 7	22 33	17 3	3 53	21 19	0 5	14 2	1 48	10 11	1 9	21 24	0 7	19 7	1 48	18 6	0 18	0 27	1 24	22 25	5 30	5 30	5 6	13 29	8 59	7 13
T 8	22 40	12 8	3 7	21 41	0s 2	14 25	1 48	9 54	1 7	21 25	0 8	19 8	1 48	18 6	0 18	0 27	1 24	22 26	5 30	5 29	5 4	13 26	8 59	7 14
F 9	22 46	6 48	2 14	22 2	0 9	14 47	1 47	9 37	1 6	21 26	0 8	19 9	1 48	18 5	0 18	0 27	1 24	22 26	5 31	5 28	5 3	13 23	8 59	7 14
S 10	22 52	1 11	1 14	22 22	0 15	15 9	1 45	9 20	1 4	21 27	0 8	19 11	1 48	18 5	0 18	0 27	1 24	22 27	5 31	5 29	5 2	13 20	8 58	7 15
S 11	22 57	4s33	0 10	22 41	0 22	15 31	1 44	9 2	1 2	21 28	0 8	19 12	1 48	18 4	0 18	0 27	1 24	22 27	5 31	5 29	5 1	13 17	8 58	7 15
M12	23 2	10 15	0s55	22 59	0 29	15 53	1 43	8 45	1 1	21 29	0 8	19 13	1 48	18 4	0 18	0 27	1 24	22 27	5 31	5 29	5 0	13 14	8 58	7 16
T 13	23 6	15 41	1 59	23 16	0 35	16 14	1 42	8 28	0 59	21 30	0 8	19 14	1 48	18 3	0 18	0 27	1 24	22 28	5 31	5 28	4 58	13 11	8 58	7 17
W14	23 10	20 34	2 59	23 31	0 41	16 34	1 41	8 11	0 58	21 32	0 9	19 16	1 48	18 3	0 18	0 27	1 24	22 28	5 32	5 26	4 57	13 8	8 58	7 17
T 15	23 14	24 34	3 51	23 46	0 48	16 54	1 39	7 53	0 56	21 33	0 9	19 17	1 48	18 2	0 18	0 27	1 24	22 29	5 32	5 23	4 56	13 4	8 58	7 18
F 16	23 17	27 17	4 31	23 59	0 54	17 14	1 38	7 36	0 55	21 34	0 9	19 18	1 48	18 1	0 18	0 27	1 24	22 29	5 32	5 19	4 55	13 1	8 58	7 18
S 17	23 19	28 19	4 55	24 11	1 0	17 33	1 36	7 18	0 53	21 35	0 9	19 19	1 48	18 1	0 18	0 27	1 24	22 29	5 32	5 14	4 53	12 58	8 57	7 19
S 18	23 21	27 29	5 1	24 22	1 5	17 52	1 34	7 0	0 52	21 36	0 9	19 21	1 48	18 1	0 17	0 27	1 24	22 30	5 32	5 10	4 52	12 55	8 57	7 20
M19	23 23	24 47	4 48	24 31	1 11	18 11	1 33	6 43	0 50	21 38	0 9	19 22	1 48	18 0	0 17	0 27	1 24	22 30	5 33	5 5	4 51	12 52	8 58	7 20
T 20	23 24	20 29	4 16	24 39	1 16	18 29	1 31	6 25	0 49	21 39	0 9	19 23	1 48	18 0	0 17	0 27	1 24	22 31	5 33	5 2	4 50	12 49	8 58	7 21
W21	23 25	15 0	3 28	24 46	1 21	18 46	1 29	6 7	0 47	21 40	0 10	19 24	1 48	17 59	0 17	0 27	1 24	22 31	5 33	5 0	4 48	12 46	8 58	7 21
T 22	23 25	8 46	2 28	24 51	1 26	19 3	1 27	5 50	0 46	21 41	0 10	19 25	1 48	17 59	0 17	0 27	1 23	22 32	5 33	4 59	4 47	12 43	8 58	7 22
F 23	23 25	2 9	1 19	24 56	1 31	19 19	1 26	5 32	0 44	21 43	0 10	19 26	1 48	17 58	0 17	0 27	1 23	22 32	5 33	4 58	4 46	12 40	8 58	7 22
S 24	23 24	4n28	0 6	24 58	1 36	19 35	1 24	5 14	0 43	21 44	0 10	19 27	1 48	17 58	0 17	0 27	1 23	22 33	5 33	4 58	4 45	12 37	8 58	7 23
S 25	23 23	10 47	1n 6	25 0	1 40	19 51	1 22	4 56	0 42	21 45	0 10	19 29	1 48	17 57	0 17	0 28	1 23	22 33	5 34	4 58	4 43	12 33	8 58	7 23
M26	23 21	16 31	2 14	25 0	1 44	20 6	1 20	4 38	0 40	21 47	0 10	19 30	1 48	17 57	0 17	0 28	1 23	22 33	5 34	4 57	4 42	12 30	8 59	7 24
T 27	23 19	21 23	3 12	24 58	1 48	20 20	1 17	4 20	0 39	21 48	0 10	19 31	1 48	17 57	0 17	0 28	1 23	22 34	5 34	4 56	4 41	12 27	8 59	7 24
W28	23 16	25 6	4 0	24 55	1 52	20 34	1 15	4 2	0 37	21 49	0 11	19 32	1 48	17 56	0 17	0 28	1 23	22 34	5 34	4 52	4 40	12 24	8 59	7 25
T 29	23 13	27 28	4 34	24 51	1 55	20 47	1 13	3 44	0 36	21 51	0 11	19 33	1 48	17 56	0 17	0 28	1 23	22 35	5 34	4 48	4 38	12 21	9 0	7 25
F 30	23 10	28 19	4 54	24 45	1 58	20 59	1 11	3 26	0 35	21 52	0 11	19 34	1 48	17 55	0 17	0 29	1 23	22 35	5 34	4 43	4 37	12 18	9 0	7 26
S 31	23s 6	27n40	4n59	24s37	2s 0	21s11	1n 9	3s 8	0s33	21n53	0n11	19s35	1n48	17n55	0s17	0n29	1s23	22n36	5n35	4n37	4n36	12n15	9n 1	7s26

Julian Day Number = 2521640.5, Delta T = 155.30 sec
Ecliptic obliquity = 23°25'00, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°25'20, Lahiri = 26°32'20

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2192
geocentric

JANUARY 2192 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 41 51	10♑15'52	26♋10	16♑ 7	14♐ 8	24♓ 4	21°R19	6♐33	21°R46	4°♈25	11°R44	11°R28	11°♈35	5♍46	15°R37	S 1
M 2	6 45 47	11°16'59	8♌23	17°44	15°22	24°47	21♋11	6°39	21♉44	4°26	11♌43	11°♈15	11°32	5°52	15♌34	M 2
T 3	6 49 44	12°18'07	20°25	19°22	16°37	25°29	21° 3	6°45	21°43	4°27	11°42	11° 4	11°29	5°59	15°30	T 3
W 4	6 53 40	13°19'15	2♍19	20°59	17°52	26°12	20°55	6°52	21°42	4°27	11°41	10°56	11°26	6° 6	15°27	W 4
T 5	6 57 37	14°20'23	14° 7	22°37	19° 7	26°54	20°47	6°58	21°41	4°28	11°40	10°52	11°23	6°12	15°24	T 5
F 6	7 1 33	15°21'31	25°55	24°15	20°22	27°37	20°39	7° 4	21°39	4°29	11°38	10°49	11°19	6°19	15°20	F 6
S 7	7 5 30	16°22'40	7♎46	25°53	21°36	28°19	20°31	7°10	21°38	4°29	11°37	10°49	11°16	6°26	15°17	S 7
S 8	7 9 27	17°23'48	19°47	27°31	22°51	29° 1	20°23	7°16	21°37	4°30	11°36	10°49	11°13	6°33	15°13	S 8
M 9	7 13 23	18°24'57	2♏ 3	29° 9	24° 6	29°44	20°15	7°22	21°36	4°31	11°35	10°48	11°10	6°39	15° 9	M 9
T 10	7 17 20	19°26'07	14°39	0♒48	25°21	0♈26	20° 7	7°28	21°35	4°32	11°34	10°46	11° 7	6°46	15° 5	T 10
W11	7 21 16	20°27'16	27°40	2°26	26°36	1° 9	19°59	7°34	21°34	4°33	11°32	10°41	11° 4	6°53	15° 2	W11
T 12	7 25 13	21°28'26	11♐ 9	4° 4	27°51	1°51	19°51	7°40	21°33	4°34	11°31	10°34	11° 0	6°59	14°58	T 12
F 13	7 29 9	22°29'36	25° 6	5°41	29° 6	2°34	19°43	7°45	21°32	4°35	11°30	10°24	10°57	7° 6	14°54	F 13
S 14	7 33 6	23°30'45	9♑30	7°18	0♑21	3°16	19°35	7°51	21°31	4°36	11°28	10°12	10°54	7°13	14°50	S 14
S 15	7 37 2	24°31'55	24°13	8°55	1°36	3°59	19°26	7°57	21°31	4°37	11°27	10° 0	10°51	7°19	14°46	S 15
M16	7 40 59	25°33'04	9♒ 9	10°30	2°51	4°41	19°18	8° 2	21°30	4°38	11°26	9°49	10°48	7°26	14°42	M16
T 17	7 44 56	26°34'13	24° 8	12° 5	4° 6	5°23	19°10	8° 8	21°29	4°39	11°24	9°40	10°45	7°33	14°38	T 17
W18	7 48 52	27°35'21	9♓ 0	13°38	5°21	6° 6	19° 2	8°13	21°29	4°40	11°23	9°34	10°41	7°39	14°33	W18
T 19	7 52 49	28°36'28	23°39	15° 9	6°36	6°48	18°55	8°19	21°28	4°41	11°22	9°31	10°38	7°46	14°29	T 19
F 20	7 56 45	29°37'34	8♈ 1	16°38	7°51	7°31	18°47	8°24	21°28	4°42	11°20	9°D30	10°35	7°53	14°25	F 20
S 21	8 0 42	0♒38'40	22° 2	18° 5	9° 6	8°13	18°39	8°29	21°27	4°43	11°19	9°31	10°32	7°59	14°21	S 21
S 22	8 4 38	1°39'45	5♉44	19°29	10°21	8°56	18°31	8°35	21°27	4°45	11°18	9°R31	10°29	8° 6	14°16	S 22
M23	8 8 35	2°40'49	19° 7	20°49	11°36	9°38	18°24	8°40	21°26	4°46	11°16	9°29	10°25	8°13	14°12	M23
T 24	8 12 31	3°41'52	2♊15	22° 4	12°51	10°20	18°16	8°45	21°26	4°47	11°15	9°26	10°22	8°19	14° 8	T 24
W25	8 16 28	4°42'55	15° 8	23°15	14° 6	11° 3	18° 8	8°50	21°26	4°48	11°14	9°20	10°19	8°26	14° 3	W25
T 26	8 20 25	5°43'56	27°49	24°20	15°21	11°45	18° 1	8°55	21°26	4°50	11°12	9°11	10°16	8°33	13°59	T 26
F 27	8 24 21	6°44'57	10♋20	25°18	16°36	12°28	17°54	9° 0	21°25	4°51	11°11	9° 0	10°13	8°39	13°54	F 27
S 28	8 28 18	7°45'57	22°40	26° 9	17°51	13°10	17°47	9° 4	21°25	4°53	11°10	8°48	10°10	8°46	13°50	S 28
S 29	8 32 14	8°46'56	4♌51	26°51	19° 6	13°52	17°39	9° 9	21°D25	4°54	11° 8	8°36	10° 6	8°53	13°45	S 29
M30	8 36 11	9°47'54	16°54	27°25	20°21	14°35	17°32	9°14	21°25	4°55	11° 7	8°25	10° 3	8°59	13°41	M30
T 31	8 40 7	10♒48'51	28♌50	27♒49	21♑36	15♈17	17♋25	9♐18	21♉25	4°♈57	11♌ 5	8°♈16	10♈ 0	9♍ 6	13♌36	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s 1	25n38	4n50	24s29	2s 3	21s23	1n 6	2s50	0s32	21n55	0n11	19s36	1n48	17n55	0s17	0n29	1s23	22n36	5n35	4n32	4n35	12n12	9n 1	7s27
M 2	22 56	22 27	4 27	24 18	2 5	21 33	1 4	2 32	0 31	21 56	0 11	19 37	1 49	17 54	0 17	0 29	1 23	22 37	5 35	4 27	4 34	12 8	9 1	7 27
T 3	22 51	18 21	3 53	24 6	2 6	21 43	1 2	2 14	0 29	21 58	0 12	19 38	1 49	17 54	0 17	0 30	1 23	22 37	5 35	4 23	4 32	12 5	9 2	7 28
W 4	22 45	13 34	3 8	23 53	2 8	21 53	0 59	1 56	0 28	21 59	0 12	19 39	1 49	17 54	0 17	0 30	1 23	22 38	5 35	4 20	4 31	12 2	9 3	7 28
T 5	22 39	8 20	2 16	23 38	2 9	22 2	0 57	1 38	0 27	22 0	0 12	19 40	1 49	17 53	0 17	0 30	1 23	22 38	5 35	4 18	4 30	11 59	9 3	7 28
F 6	22 32	2 49	1 18	23 22	2 9	22 10	0 54	1 20	0 26	22 2	0 12	19 41	1 49	17 53	0 17	0 31	1 23	22 39	5 35	4 17	4 29	11 56	9 4	7 29
S 7	22 25	2s50	0 16	23 4	2 9	22 17	0 52	1 2	0 24	22 3	0 12	19 42	1 49	17 53	0 17	0 31	1 23	22 39	5 36	4 16	4 27	11 53	9 4	7 29
S 8	22 17	8 28	0s47	22 44	2 9	22 24	0 49	0 44	0 23	22 4	0 12	19 43	1 49	17 53	0 17	0 31	1 23	22 40	5 36	4 16	4 26	11 50	9 5	7 30
M 9	22 9	13 54	1 50	22 23	2 8	22 30	0 47	0 26	0 22	22 6	0 12	19 44	1 49	17 52	0 17	0 32	1 23	22 40	5 36	4 16	4 25	11 46	9 6	7 30
T 10	22 1	18 54	2 49	22 1	2 6	22 36	0 44	0 8	0 21	22 7	0 13	19 45	1 49	17 52	0 17	0 32	1 23	22 41	5 36	4 15	4 24	11 43	9 7	7 30
W11	21 52	23 12	3 41	21 37	2 4	22 41	0 42	0n10	0 19	22 8	0 13	19 45	1 49	17 52	0 17	0 32	1 23	22 41	5 36	4 14	4 22	11 40	9 7	7 31
T 12	21 42	26 26	4 23	21 11	2 2	22 45	0 39	0 28	0 18	22 10	0 13	19 46	1 49	17 52	0 17	0 33	1 23	22 41	5 36	4 11	4 21	11 37	9 8	7 31
F 13	21 33	28 10	4 51	20 45	1 58	22 48	0 37	0 45	0 17	22 11	0 13	19 47	1 49	17 51	0 17	0 33	1 23	22 42	5 36	4 7	4 20	11 34	9 9	7 31
S 14	21 22	28 5	5 1	20 16	1 55	22 51	0 34	1 3	0 16	22 12	0 13	19 48	1 49	17 51	0 17	0 34	1 23	22 42	5 37	4 2	4 19	11 31	9 10	7 31
S 15	21 12	26 2	4 52	19 47	1 50	22 53	0 31	1 21	0 15	22 14	0 13	19 49	1 49	17 51	0 17	0 34	1 23	22 43	5 37	3 58	4 17	11 27	9 11	7 32
M16	21 1	22 10	4 23	19 16	1 45	22 55	0 29	1 39	0 13	22 15	0 13	19 50	1 49	17 51	0 17	0 35	1 22	22 43	5 37	3 53	4 16	11 24	9 12	7 32
T 17	20 49	16 51	3 36	18 44	1 39	22 55	0 26	1 57	0 12	22 16	0 13	19 50	1 50	17 51	0 17	0 35	1 22	22 44	5 37	3 50	4 15	11 21	9 13	7 32
W18	20 37	10 34	2 34	18 11	1 32	22 55	0 23	2 15	0 11	22 17	0 14	19 51	1 50	17 51	0 17	0 35	1 22	22 44	5 37	3 47	4 14	11 18	9 14	7 32
T 19	20 25	3 47	1 23	17 38	1 25	22 55	0 21	2 33	0 10	22 19	0 14	19 52	1 50	17 50	0 17	0 36	1 22	22 45	5 37	3 46	4 12	11 15	9 15	7 33
F 20	20 13	3n 3	0 8	17 3	1 17	22 53	0 18	2 50	0 9	22 20	0 14	19 53	1 50	17 50	0 17	0 36	1 22	22 45	5 37	3 46	4 11	11 12	9 16	7 33
S 21	20 0	9 36	1n 6	16 28	1 7	22 51	0 15	3 8	0 8	22 21	0 14	19 53	1 50	17 50	0 17	0 37	1 22	22 46	5 37	3 46	4 10	11 8	9 17	7 33
S 22	19 46	15 32	2 15	15 52	0 57	22 48	0 13	3 26	0 7	22 22	0 14	19 54	1 50	17 50	0 17	0 37	1 22	22 46	5 37	3 46	4 9	11 5	9 18	7 33
M23	19 33	20 36	3 14	15 17	0 46	22 45	0 10	3 44	0 6	22 23	0 14	19 55	1 50	17 50	0 17	0 38	1 22	22 47	5 38	3 45	4 7	11 2	9 19	7 33
T 24	19 18	24 33	4 2	14 41	0 34	22 41	0 7	4 1	0 5	22 25	0 14	19 56	1 50	17 50	0 17	0 39	1 22	22 47	5 38	3 44	4 6	10 59	9 20	7 33
W25	19 4	27 10	4 37	14 6	0 22	22 36	0 5	4 19	0 4	22 26	0 14	19 56	1 50	17 50	0 17	0 39	1 22	22 48	5 38	3 42	4 5	10 56	9 21	7 33
T 26	18 49	28 21	4 57	13 32	0 8	22 30	0 2	4 36	0 3	22 27	0 15	19 57	1 50	17 50	0 17	0 40	1 22	22 48	5 38	3 38	4 4	10 52	9 22	7 34
F 27	18 34	28 3	5 3	12 58	0n 7	22 24	0s 1	4 54	0 1	22 28	0 15	19 57	1 50	17 50	0 17	0 40	1 22	22 49	5 38	3 34	4 2	10 49	9 23	7 34
S 28	18 19	26 21	4 54	12 27	0 22	22 17	0 3	5 11	0 0	22 29	0 15	19 58	1 51	17 50	0 17	0 41	1 22	22 49	5 38	3 29	4 1	10 46	9 24	7 34
S 29	18 3	23 26	4 32	11 57	0 38	22 9	0 6	5 29	0n 1	22 30	0 15	19 59	1 51	17 50	0 17	0 41	1 22	22 50	5 38	3 24	4 0	10 43	9 26	7 34
M30	17 47	19 32	3 58	11 30	0 55	22 1	0 8	5 46	0 2	22 31	0 15	19 59	1 51	17 50	0 17	0 42	1 22	22 50	5 38	3 20	3 59	10 39	9 27	7 34
T 31	17s30	14n54	3n14	11s 6	1n12	21s52	0s11	6n 3	0n 3	22n32	0n15	20s 0	1n51	17n50	0s17	0n43	1s22	22n51	5n38	3n17	3n57	10n36	9n28	7s34

Julian Day Number = 2521671.5, Delta T = 155.38 sec
Ecliptic obliquity = 23°25'00, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°25'24, Lahiri = 26°32'25

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2192
geocentric

FEBRUARY 2192 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 44 4	11♒49'47	10♍41	28♒ 2	22♉51	15♈59	17°R19	9♐23	21♉25	4♈58	11°R 4	8°R 9	9♈57	9♍13	13°R32	W 1
T 2	8 48 0	12°50'42	22°28	28°R 4	24° 6	16°41	17♋12	9°27	21°26	5° 0	11♌ 3	8♈ 6	9°54	9°19	13♌27	T 2
F 3	8 51 57	13°51'37	4♎16	27°55	25°21	17°24	17° 5	9°32	21°26	5° 2	11° 1	8°D 4	9°51	9°26	13°23	F 3
S 4	8 55 54	14°52'31	16° 7	27°34	26°36	18° 6	16°59	9°36	21°26	5° 3	11° 0	8° 4	9°47	9°33	13°18	S 4
S 5	8 59 50	15°53'24	28° 7	27° 3	27°51	18°48	16°53	9°40	21°26	5° 5	10°58	8° 5	9°44	9°39	13°14	S 5
M 6	9 3 47	16°54'16	10♏20	26°21	29° 6	19°30	16°47	9°44	21°27	5° 6	10°57	8° 6	9°41	9°46	13° 9	M 6
T 7	9 7 43	17°55'08	22°52	25°30	0♒21	20°12	16°41	9°48	21°27	5° 8	10°56	8°R 6	9°38	9°53	13° 5	T 7
W 8	9 11 40	18°55'59	5♐48	24°31	1°36	20°54	16°35	9°52	21°28	5°10	10°54	8° 5	9°35	9°59	13° 0	W 8
T 9	9 15 36	19°56'49	19°11	23°26	2°51	21°37	16°29	9°56	21°28	5°11	10°53	8° 1	9°31	10° 6	12°56	T 9
F 10	9 19 33	20°57'38	3♑ 3	22°17	4° 6	22°19	16°24	10° 0	21°29	5°13	10°52	7°56	9°28	10°13	12°51	F 10
S 11	9 23 30	21°58'26	17°24	21° 5	5°21	23° 1	16°18	10° 3	21°29	5°15	10°50	7°49	9°25	10°19	12°47	S 11
S 12	9 27 26	22°59'13	2♒11	19°53	6°36	23°43	16°13	10° 7	21°30	5°17	10°49	7°42	9°22	10°26	12°42	S 12
M13	9 31 23	23°59'59	17°16	18°43	7°51	24°25	16° 8	10°11	21°31	5°19	10°48	7°35	9°19	10°33	12°38	M13
T 14	9 35 19	25° 0'44	2♓29	17°36	9° 6	25° 7	16° 3	10°14	21°32	5°20	10°46	7°29	9°16	10°39	12°33	T 14
W15	9 39 16	26° 1'27	17°41	16°34	10°21	25°49	15°58	10°17	21°33	5°22	10°45	7°26	9°12	10°46	12°29	W15
T 16	9 43 12	27° 2'08	2♈41	15°38	11°36	26°31	15°54	10°21	21°33	5°24	10°44	7°D24	9° 9	10°53	12°25	T 16
F 17	9 47 9	28° 2'48	17°22	14°49	12°51	27°13	15°49	10°24	21°34	5°26	10°42	7°24	9° 6	10°59	12°20	F 17
S 18	9 51 5	29° 3'27	1♉39	14° 7	14° 6	27°55	15°45	10°27	21°35	5°28	10°41	7°26	9° 3	11° 6	12°16	S 18
S 19	9 55 2	0♓ 4'03	15°32	13°33	15°21	28°37	15°41	10°30	21°36	5°30	10°40	7°27	9° 0	11°12	12°12	S 19
M20	9 58 58	1° 4'38	29° 0	13° 7	16°36	29°19	15°37	10°33	21°38	5°32	10°38	7°R28	8°57	11°19	12° 8	M20
T 21	10 2 55	2° 5'11	12♊ 6	12°48	17°51	0♉ 1	15°34	10°35	21°39	5°34	10°37	7°27	8°53	11°26	12° 4	T 21
W22	10 6 52	3° 5'43	24°53	12°37	19° 6	0°43	15°30	10°38	21°40	5°36	10°36	7°25	8°50	11°32	11°59	W22
T 23	10 10 48	4° 6'13	7♋24	12°D34	20°21	1°24	15°27	10°41	21°41	5°38	10°35	7°21	8°47	11°39	11°55	T 23
F 24	10 14 45	5° 6'40	19°42	12°37	21°36	2° 6	15°24	10°43	21°42	5°40	10°33	7°17	8°44	11°46	11°51	F 24
S 25	10 18 41	6° 7'06	1♌49	12°47	22°51	2°48	15°21	10°46	21°44	5°42	10°32	7°11	8°41	11°52	11°47	S 25
S 26	10 22 38	7° 7'31	13°49	13° 3	24° 6	3°30	15°18	10°48	21°45	5°44	10°31	7° 5	8°37	11°59	11°44	S 26
M27	10 26 34	8° 7'53	25°44	13°24	25°20	4°11	15°16	10°50	21°47	5°46	10°30	7° 0	8°34	12° 6	11°40	M27
T 28	10 30 31	9° 8'14	7♍34	13°51	26°35	4°53	15°14	10°52	21°48	5°48	10°28	6°56	8°31	12°12	11°36	T 28
W29	10 34 27	10♓ 8'33	19♍23	14♒23	27♒50	5♉35	15♋11	10♐54	21♉50	5♈50	10♌27	6♈53	8♈28	12♍19	11♌32	W29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17s14	9n44	2n21	10s45	1n29	21s42	0s13	6n20	0n 4	22n33	0n15	20s 0	1n51	17n50	0s17	0n43	1s22	22n51	5n38	3n14	3n56	10n33	9n29	7s34
T 2	16 56	4 15	1 23	10 28	1 47	21 32	0 16	6 37	0 5	22 34	0 15	20 1	1 51	17 50	0 17	0 44	1 22	22 52	5 38	3 12	3 55	10 30	9 31	7 34
F 3	16 39	1s23	0 20	10 15	2 4	21 21	0 18	6 54	0 5	22 35	0 15	20 2	1 51	17 50	0 16	0 45	1 22	22 52	5 38	3 12	3 54	10 27	9 32	7 34
S 4	16 21	7 0	0s43	10 6	2 21	21 10	0 21	7 11	0 6	22 36	0 16	20 2	1 51	17 50	0 16	0 45	1 22	22 52	5 38	3 12	3 52	10 23	9 33	7 34
S 5	16 4	12 27	1 46	10 1	2 37	20 57	0 23	7 28	0 7	22 37	0 16	20 3	1 51	17 50	0 16	0 46	1 22	22 53	5 39	3 12	3 51	10 20	9 35	7 34
M 6	15 45	17 31	2 45	10 1	2 52	20 45	0 26	7 45	0 8	22 38	0 16	20 3	1 52	17 51	0 16	0 47	1 22	22 53	5 39	3 13	3 50	10 17	9 36	7 33
T 7	15 27	21 59	3 38	10 6	3 5	20 31	0 28	8 2	0 9	22 38	0 16	20 3	1 52	17 51	0 16	0 47	1 22	22 54	5 39	3 13	3 49	10 14	9 37	7 33
W 8	15 8	25 32	4 21	10 14	3 17	20 17	0 31	8 19	0 10	22 39	0 16	20 4	1 52	17 51	0 16	0 48	1 22	22 54	5 39	3 12	3 47	10 10	9 39	7 33
T 9	14 49	27 50	4 52	10 27	3 26	20 2	0 33	8 35	0 11	22 40	0 16	20 4	1 52	17 51	0 16	0 49	1 22	22 55	5 39	3 11	3 46	10 7	9 40	7 33
F 10	14 30	28 30	5 7	10 42	3 34	19 47	0 35	8 52	0 12	22 41	0 16	20 5	1 52	17 51	0 16	0 49	1 22	22 55	5 39	3 9	3 45	10 4	9 41	7 33
S 11	14 10	27 19	5 4	11 0	3 38	19 31	0 38	9 8	0 13	22 42	0 16	20 5	1 52	17 51	0 16	0 50	1 22	22 55	5 39	3 6	3 44	10 1	9 43	7 33
S 12	13 51	24 13	4 41	11 20	3 41	19 15	0 40	9 25	0 14	22 42	0 16	20 6	1 52	17 52	0 16	0 51	1 22	22 56	5 39	3 3	3 42	9 57	9 44	7 33
M13	13 31	19 25	3 58	11 42	3 41	18 58	0 42	9 41	0 15	22 43	0 16	20 6	1 52	17 52	0 16	0 52	1 22	22 56	5 39	3 0	3 41	9 54	9 45	7 32
T 14	13 10	13 21	2 58	12 4	3 38	18 40	0 44	9 57	0 15	22 44	0 17	20 6	1 53	17 52	0 16	0 52	1 22	22 57	5 39	2 58	3 40	9 51	9 47	7 32
W15	12 50	6 29	1 45	12 27	3 34	18 22	0 46	10 13	0 16	22 44	0 17	20 7	1 53	17 52	0 16	0 53	1 22	22 57	5 39	2 57	3 39	9 48	9 48	7 32
T 16	12 29	0n40	0 26	12 50	3 28	18 4	0 48	10 29	0 17	22 45	0 17	20 7	1 53	17 53	0 16	0 54	1 22	22 58	5 39	2 56	3 37	9 44	9 50	7 32
F 17	12 8	7 38	0n54	13 11	3 20	17 45	0 50	10 45	0 18	22 46	0 17	20 7	1 53	17 53	0 16	0 55	1 21	22 58	5 39	2 56	3 36	9 41	9 51	7 31
S 18	11 47	14 2	2 8	13 32	3 10	17 25	0 52	11 1	0 19	22 46	0 17	20 8	1 53	17 53	0 16	0 55	1 21	22 58	5 39	2 57	3 35	9 38	9 53	7 31
S 19	11 26	19 33	3 13	13 52	3 0	17 5	0 54	11 17	0 20	22 47	0 17	20 8	1 53	17 53	0 16	0 56	1 21	22 59	5 39	2 57	3 34	9 35	9 54	7 31
M20	11 5	23 54	4 5	14 10	2 49	16 44	0 56	11 32	0 20	22 47	0 17	20 8	1 53	17 54	0 16	0 57	1 21	22 59	5 39	2 58	3 32	9 31	9 55	7 30
T 21	10 43	26 53	4 42	14 27	2 37	16 23	0 58	11 48	0 21	22 48	0 17	20 8	1 54	17 54	0 16	0 58	1 21	22 59	5 39	2 57	3 31	9 28	9 57	7 30
W22	10 22	28 23	5 4	14 42	2 24	16 2	1 0	12 3	0 22	22 48	0 17	20 9	1 54	17 54	0 16	0 58	1 21	23 0	5 39	2 57	3 30	9 25	9 58	7 30
T 23	10 0	28 24	5 12	14 55	2 12	15 40	1 1	12 18	0 23	22 49	0 17	20 9	1 54	17 55	0 16	0 59	1 21	23 0	5 39	2 55	3 29	9 22	10 0	7 29
F 24	9 38	27 0	5 5	15 6	1 59	15 17	1 3	12 34	0 23	22 49	0 17	20 9	1 54	17 55	0 16	1 0	1 21	23 1	5 39	2 53	3 27	9 18	10 1	7 29
S 25	9 16	24 21	4 44	15 16	1 46	14 55	1 5	12 49	0 24	22 49	0 18	20 9	1 54	17 55	0 16	1 1	1 21	23 1	5 39	2 51	3 26	9 15	10 3	7 29
S 26	8 53	20 40	4 11	15 24	1 33	14 31	1 6	13 4	0 25	22 50	0 18	20 10	1 54	17 56	0 16	1 2	1 21	23 1	5 39	2 49	3 25	9 12	10 4	7 28
M27	8 31	16 10	3 27	15 30	1 20	14 8	1 8	13 18	0 26	22 50	0 18	20 10	1 54	17 56	0 16	1 3	1 21	23 2	5 39	2 47	3 24	9 9	10 5	7 28
T 28	8 8	11 6	2 34	15 35	1 7	13 44	1 9	13 33	0 26	22 51	0 18	20 10	1 55	17 57	0 16	1 3	1 21	23 2	5 39	2 45	3 22	9 5	10 7	7 27
W29	7s45	5n39	1n35	15s38	0n55	13s19	1s11	13n48	0n27	22n51	0n18	20s10	1n55	17n57	0s16	1n 4	1s21	23n 2	5n39	2n44	3n21	9n 2	10n 8	7s27

Julian Day Number = 2521702.5, Delta T = 155.46 sec
Ecliptic obliquity = 23°25'00, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°25'29, Lahiri = 26°32'29

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2192
geocentric

MARCH 2192 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 38 24	11♓ 8'50	1♎11	15♒ 0	29♒ 5	6♉16	15°R10	10♐56	21♉51	5♈52	10°R26	6°D52	8♈25	12♍26	11°R28	T 1
F 2	10 42 21	12° 9'06	13° 2	15°40	0♓20	6°58	15♋ 8	10°58	21°53	5°54	10♌25	6♈52	8°22	12°32	11♌25	F 2
S 3	10 46 17	13° 9'20	24°58	16°25	1°35	7°39	15° 6	11° 0	21°55	5°56	10°24	6°53	8°18	12°39	11°21	S 3
S 4	10 50 14	14° 9'33	7♏ 3	17°13	2°50	8°21	15° 5	11° 2	21°56	5°58	10°23	6°55	8°15	12°46	11°18	S 4
M 5	10 54 10	15° 9'44	19°19	18° 5	4° 5	9° 2	15° 4	11° 3	21°58	6° 1	10°22	6°56	8°12	12°52	11°14	M 5
T 6	10 58 7	16° 9'53	1♐52	19° 0	5°20	9°44	15° 3	11° 5	22° 0	6° 3	10°20	6°58	8° 9	12°59	11°11	T 6
W 7	11 2 3	17°10'01	14°44	19°57	6°34	10°25	15° 2	11° 6	22° 2	6° 5	10°19	6°R58	8° 6	13° 6	11° 8	W 7
T 8	11 6 0	18°10'08	28° 0	20°58	7°49	11° 7	15° 2	11° 7	22° 4	6° 7	10°18	6°58	8° 2	13°12	11° 5	T 8
F 9	11 9 56	19°10'13	11♑42	22° 1	9° 4	11°48	15° 1	11° 8	22° 6	6° 9	10°17	6°57	7°59	13°19	11° 2	F 9
S 10	11 13 53	20°10'17	25°50	23° 6	10°19	12°30	15°D 1	11° 9	22° 8	6°11	10°16	6°55	7°56	13°26	10°59	S 10
S 11	11 17 50	21°10'18	10♒25	24°14	11°34	13°11	15° 1	11°10	22°10	6°14	10°15	6°53	7°53	13°32	10°56	S 11
M12	11 21 46	22°10'19	25°19	25°24	12°49	13°52	15° 1	11°11	22°12	6°16	10°14	6°51	7°50	13°39	10°53	M12
T 13	11 25 43	23°10'17	10♓28	26°36	14° 3	14°34	15° 2	11°12	22°14	6°18	10°13	6°49	7°47	13°46	10°50	T 13
W14	11 29 39	24°10'13	25°41	27°50	15°18	15°15	15° 2	11°13	22°16	6°20	10°12	6°49	7°43	13°52	10°47	W14
T 15	11 33 36	25°10'08	10♈49	29° 5	16°33	15°56	15° 3	11°13	22°18	6°23	10°11	6°D48	7°40	13°59	10°45	T 15
F 16	11 37 32	26°10'00	25°43	0♓23	17°48	16°37	15° 4	11°14	22°20	6°25	10°11	6°49	7°37	14° 6	10°42	F 16
S 17	11 41 29	27° 9'51	10♉15	1°42	19° 2	17°18	15° 6	11°14	22°23	6°27	10°10	6°50	7°34	14°12	10°40	S 17
S 18	11 45 25	28° 9'39	24°21	3° 2	20°17	18° 0	15° 7	11°14	22°25	6°29	10° 9	6°50	7°31	14°19	10°37	S 18
M19	11 49 22	29° 9'25	8♊ 1	4°25	21°32	18°41	15° 9	11°14	22°27	6°32	10° 8	6°51	7°28	14°26	10°35	M19
T 20	11 53 19	0♈ 9'09	21°14	5°48	22°47	19°22	15°10	11°R14	22°30	6°34	10° 7	6°52	7°24	14°32	10°33	T 20
W21	11 57 15	1° 8'51	4♋ 4	7°14	24° 1	20° 3	15°12	11°14	22°32	6°36	10° 6	6°R52	7°21	14°39	10°31	W21
T 22	12 1 12	2° 8'30	16°33	8°40	25°16	20°44	15°15	11°14	22°35	6°38	10° 6	6°51	7°18	14°46	10°29	T 22
F 23	12 5 8	3° 8'07	28°47	10° 8	26°31	21°25	15°17	11°14	22°37	6°41	10° 5	6°51	7°15	14°52	10°27	F 23
S 24	12 9 5	4° 7'42	10♌49	11°38	27°45	22° 6	15°20	11°13	22°40	6°43	10° 4	6°51	7°12	14°59	10°25	S 24
S 25	12 13 1	5° 7'14	22°42	13° 9	29° 0	22°47	15°22	11°13	22°42	6°45	10° 3	6°50	7° 8	15° 6	10°24	S 25
M26	12 16 58	6° 6'45	4♍31	14°41	0♈15	23°28	15°25	11°12	22°45	6°47	10° 3	6°50	7° 5	15°12	10°22	M26
T 27	12 20 54	7° 6'13	16°19	16°15	1°29	24° 9	15°28	11°12	22°48	6°50	10° 2	6°D50	7° 2	15°19	10°20	T 27
W28	12 24 51	8° 5'39	28° 8	17°50	2°44	24°49	15°32	11°11	22°50	6°52	10° 1	6°50	6°59	15°25	10°19	W28
T 29	12 28 48	9° 5'03	10♎ 1	19°26	3°58	25°30	15°35	11°10	22°53	6°54	10° 1	6°R50	6°56	15°32	10°18	T 29
F 30	12 32 44	10° 4'25	22° 0	21° 4	5°13	26°11	15°39	11° 9	22°56	6°57	10° 0	6°50	6°53	15°39	10°17	F 30
S 31	12 36 41	11♈ 3'45	4♏ 6	22♓43	6♈27	26♉52	15♋42	11♐ 8	22♉58	6♈59	10♌ 0	6♈50	6♈49	15♍45	10♌16	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s23	0n 0	0n31	15s39	0n43	12s55	1s12	14n 2	0n28	22n51	0n18	20s10	1n55	17n57	0s16	1n 5	1s21	23n 3	5n39	2n43	3n20	8n59	10n10	7s26
F 2	7 0	5s40	0s34	15 38	0 31	12 29	1 14	14 17	0 29	22 51	0 18	20 10	1 55	17 58	0 16	1 6	1 21	23 3	5 39	2 43	3 19	8 55	10 11	7 26
S 3	6 37	11 11	1 38	15 36	0 19	12 4	1 15	14 31	0 29	22 52	0 18	20 10	1 55	17 58	0 16	1 7	1 21	23 3	5 39	2 44	3 17	8 52	10 13	7 25
S 4	6 14	16 21	2 39	15 32	0 8	11 38	1 16	14 45	0 30	22 52	0 18	20 10	1 55	17 59	0 16	1 8	1 21	23 3	5 39	2 44	3 16	8 49	10 14	7 25
M 5	5 50	20 58	3 33	15 27	0s 3	11 12	1 17	14 59	0 31	22 52	0 18	20 10	1 55	17 59	0 16	1 8	1 21	23 4	5 39	2 45	3 15	8 46	10 15	7 24
T 6	5 27	24 44	4 19	15 20	0 13	10 46	1 18	15 13	0 31	22 52	0 18	20 11	1 56	18 0	0 16	1 9	1 21	23 4	5 39	2 46	3 14	8 42	10 17	7 24
W 7	5 4	27 23	4 53	15 11	0 23	10 19	1 19	15 26	0 32	22 52	0 18	20 11	1 56	18 0	0 16	1 10	1 21	23 4	5 39	2 46	3 12	8 39	10 18	7 23
T 8	4 40	28 36	5 12	15 1	0 33	9 52	1 20	15 40	0 33	22 53	0 18	20 11	1 56	18 1	0 16	1 11	1 21	23 5	5 39	2 46	3 11	8 36	10 19	7 23
F 9	4 17	28 8	5 15	14 50	0 43	9 25	1 21	15 53	0 33	22 53	0 18	20 11	1 56	18 1	0 16	1 12	1 21	23 5	5 39	2 45	3 10	8 32	10 21	7 22
S 10	3 53	25 51	4 59	14 37	0 51	8 57	1 22	16 7	0 34	22 53	0 19	20 11	1 56	18 2	0 16	1 13	1 21	23 5	5 39	2 45	3 9	8 29	10 22	7 22
S 11	3 30	21 51	4 24	14 22	1 0	8 30	1 23	16 20	0 35	22 53	0 19	20 11	1 56	18 2	0 16	1 14	1 21	23 5	5 39	2 44	3 7	8 26	10 23	7 21
M12	3 6	16 22	3 30	14 7	1 8	8 2	1 23	16 33	0 35	22 53	0 19	20 11	1 56	18 3	0 16	1 15	1 21	23 6	5 39	2 43	3 6	8 22	10 25	7 21
T 13	2 43	9 48	2 21	13 49	1 16	7 34	1 24	16 46	0 36	22 53	0 19	20 11	1 57	18 3	0 16	1 15	1 21	23 6	5 39	2 42	3 5	8 19	10 26	7 20
W14	2 19	2 39	1 1	13 31	1 23	7 5	1 25	16 58	0 36	22 53	0 19	20 10	1 57	18 4	0 16	1 16	1 21	23 6	5 39	2 42	3 4	8 16	10 27	7 19
T 15	1 55	4n37	0n22	13 11	1 30	6 37	1 25	17 11	0 37	22 53	0 19	20 10	1 57	18 5	0 16	1 17	1 21	23 6	5 39	2 42	3 2	8 12	10 29	7 19
F 16	1 31	11 32	1 43	12 50	1 36	6 8	1 25	17 23	0 38	22 53	0 19	20 10	1 57	18 5	0 16	1 18	1 21	23 7	5 39	2 42	3 1	8 9	10 30	7 18
S 17	1 8	17 39	2 55	12 27	1 42	5 39	1 26	17 36	0 38	22 53	0 19	20 10	1 57	18 6	0 16	1 19	1 21	23 7	5 39	2 42	3 0	8 6	10 31	7 17
S 18	0 44	22 38	3 54	12 4	1 48	5 10	1 26	17 48	0 39	22 53	0 19	20 10	1 57	18 6	0 16	1 20	1 21	23 7	5 39	2 43	2 59	8 3	10 32	7 17
M19	0 20	26 12	4 38	11 38	1 53	4 41	1 26	18 0	0 39	22 52	0 19	20 10	1 57	18 7	0 16	1 21	1 21	23 7	5 39	2 43	2 57	7 59	10 34	7 16
T 20	0n 4	28 13	5 6	11 12	1 58	4 11	1 27	18 12	0 40	22 52	0 19	20 10	1 58	18 8	0 15	1 22	1 21	23 7	5 39	2 43	2 56	7 56	10 35	7 16
W21	0 27	28 38	5 17	10 45	2 2	3 42	1 27	18 23	0 40	22 52	0 19	20 10	1 58	18 8	0 15	1 23	1 21	23 8	5 39	2 43	2 55	7 53	10 36	7 15
T 22	0 51	27 34	5 13	10 16	2 6	3 12	1 27	18 35	0 41	22 52	0 19	20 10	1 58	18 9	0 15	1 23	1 21	23 8	5 39	2 43	2 54	7 49	10 37	7 14
F 23	1 15	25 11	4 55	9 46	2 10	2 43	1 27	18 46	0 42	22 52	0 19	20 9	1 58	18 10	0 15	1 24	1 21	23 8	5 39	2 43	2 52	7 46	10 38	7 13
S 24	1 38	21 44	4 24	9 14	2 13	2 13	1 27	18 57	0 42	22 51	0 19	20 9	1 58	18 10	0 15	1 25	1 21	23 8	5 38	2 43	2 51	7 43	10 39	7 13
S 25	2 2	17 25	3 41	8 42	2 15	1 43	1 27	19 8	0 43	22 51	0 19	20 9	1 58	18 11	0 15	1 26	1 21	23 8	5 38	2 43	2 50	7 39	10 41	7 12
M26	2 26	12 29	2 50	8 8	2 18	1 13	1 26	19 19	0 43	22 51	0 19	20 9	1 58	18 12	0 15	1 27	1 21	23 8	5 38	2 43	2 49	7 36	10 42	7 11
T 27	2 49	7 6	1 52	7 34	2 19	0 44	1 26	19 30	0 44	22 51	0 19	20 9	1 58	18 12	0 15	1 28	1 21	23 8	5 38	2 43	2 47	7 33	10 43	7 11
W28	3 12	1 29	0 48	6 58	2 21	0 14	1 26	19 40	0 44	22 50	0 20	20 8	1 59	18 13	0 15	1 29	1 21	23 9	5 38	2 43	2 46	7 29	10 44	7 10
T 29	3 36	4s14	0s18	6 21	2 21	0n16	1 25	19 51	0 45	22 50	0 20	20 8	1 59	18 14	0 15	1 30	1 21	23 9	5 38	2 43	2 45	7 26	10 45	7 9
F 30	3 59	9 51	1 23	5 43	2 22	0 46	1 25	20 1	0 45	22 50	0 20	20 8	1 59	18 14	0 15	1 31	1 21	23 9	5 38	2 43	2 44	7 23	10 46	7 8
S 31	4n22	15s10	2s26	5s 3	2s22	1n16	1s24	20n11	0n46	22n49	0n20	20s 8	1n59	18n15	0s15	1n31	1s21	23n 9	5n38	2n43	2n42	7n19	10n47	7s 8

Julian Day Number = 2521731.5, Delta T = 155.53 sec
Ecliptic obliquity = 23°25'01, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°25'33, Lahiri = 26°32'33

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2192
geocentric

APRIL 2192 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 40 37	12♈ 3'03	16♏22	24♓23	7♈42	27♉32	15♋46	11°R 7	23♉ 1	7♈ 1	9°R59	6°R49	6♈46	15♍52	10°R15	S 1
M 2	12 44 34	13° 2'19	28°50	26° 5	8°56	28°13	15°51	11♐ 6	23° 4	7° 3	9♌59	6♈49	6°43	15°59	10♌14	M 2
T 3	12 48 30	14° 1'33	11♐32	27°48	10°11	28°54	15°55	11° 4	23° 7	7° 6	9°58	6°48	6°40	16° 5	10°13	T 3
W 4	12 52 27	15° 0'46	24°29	29°32	11°25	29°34	15°59	11° 3	23°10	7° 8	9°58	6°47	6°37	16°12	10°12	W 4
T 5	12 56 23	15°59'57	7♑45	1♈18	12°40	0♊15	16° 4	11° 1	23°13	7°10	9°57	6°46	6°34	16°19	10°12	T 5
F 6	13 0 20	16°59'06	21°21	3° 6	13°54	0°55	16° 9	11° 0	23°16	7°12	9°57	6°D46	6°30	16°25	10°11	F 6
S 7	13 4 17	17°58'14	5♒17	4°55	15° 9	1°36	16°14	10°58	23°19	7°15	9°56	6°47	6°27	16°32	10°11	S 7
S 8	13 8 13	18°57'19	19°34	6°45	16°23	2°16	16°19	10°56	23°22	7°17	9°56	6°48	6°24	16°39	10°10	S 8
M 9	13 12 10	19°56'23	4♓ 9	8°36	17°38	2°57	16°24	10°54	23°25	7°19	9°56	6°49	6°21	16°45	10°10	M 9
T 10	13 16 6	20°55'25	18°59	10°30	18°52	3°37	16°30	10°52	23°28	7°21	9°55	6°49	6°18	16°52	10°D10	T 10
W11	13 20 3	21°54'25	3♈56	12°24	20° 7	4°18	16°36	10°50	23°31	7°24	9°55	6°R50	6°14	16°59	10°10	W11
T 12	13 23 59	22°53'23	18°53	14°20	21°21	4°58	16°41	10°48	23°34	7°26	9°55	6°50	6°11	17° 5	10°10	T 12
F 13	13 27 56	23°52'20	3♉43	16°17	22°35	5°38	16°47	10°46	23°37	7°28	9°55	6°49	6° 8	17°12	10°11	F 13
S 14	13 31 52	24°51'14	18°17	18°16	23°50	6°19	16°54	10°43	23°40	7°30	9°54	6°47	6° 5	17°19	10°11	S 14
S 15	13 35 49	25°50'06	2♊29	20°16	25° 4	6°59	17° 0	10°41	23°43	7°32	9°54	6°44	6° 2	17°25	10°12	S 15
M16	13 39 46	26°48'56	16°16	22°18	26°18	7°39	17° 6	10°38	23°46	7°35	9°54	6°41	5°59	17°32	10°12	M16
T 17	13 43 42	27°47'44	29°37	24°21	27°33	8°20	17°13	10°36	23°50	7°37	9°54	6°39	5°55	17°39	10°13	T 17
W18	13 47 39	28°46'30	12♋33	26°24	28°47	9° 0	17°19	10°33	23°53	7°39	9°54	6°37	5°52	17°45	10°14	W18
T 19	13 51 35	29°45'14	25° 6	28°29	0♉ 1	9°40	17°26	10°30	23°56	7°41	9°54	6°D36	5°49	17°52	10°14	T 19
F 20	13 55 32	0♉43'55	7♌21	0♉35	1°15	10°20	17°33	10°27	23°59	7°43	9°54	6°36	5°46	17°59	10°15	F 20
S 21	13 59 28	1°42'34	19°22	2°42	2°30	11° 0	17°40	10°24	24° 3	7°45	9°D54	6°37	5°43	18° 5	10°17	S 21
S 22	14 3 25	2°41'10	1♍14	4°49	3°44	11°40	17°48	10°21	24° 6	7°47	9°54	6°39	5°40	18°12	10°18	S 22
M23	14 7 21	3°39'45	13° 1	6°57	4°58	12°20	17°55	10°18	24° 9	7°49	9°54	6°41	5°36	18°18	10°19	M23
T 24	14 11 18	4°38'17	24°49	9° 5	6°12	13° 0	18° 3	10°15	24°13	7°52	9°54	6°42	5°33	18°25	10°20	T 24
W25	14 15 15	5°36'48	6♎42	11°12	7°26	13°40	18°10	10°12	24°16	7°54	9°54	6°R43	5°30	18°32	10°22	W25
T 26	14 19 11	6°35'16	18°41	13°20	8°41	14°20	18°18	10° 9	24°19	7°56	9°54	6°42	5°27	18°38	10°24	T 26
F 27	14 23 8	7°33'42	0♏50	15°26	9°55	15° 0	18°26	10° 5	24°23	7°58	9°54	6°40	5°24	18°45	10°25	F 27
S 28	14 27 4	8°32'07	13°10	17°32	11° 9	15°40	18°34	10° 2	24°26	8° 0	9°54	6°36	5°20	18°52	10°27	S 28
S 29	14 31 1	9°30'30	25°43	19°36	12°23	16°20	18°42	9°59	24°29	8° 2	9°54	6°31	5°17	18°58	10°29	S 29
M30	14 34 57	10♉28'51	8♐29	21♉39	13♉37	17♊ 0	18♋51	9♐55	24♉33	8♈ 4	9♌55	6♈26	5♈14	19♍ 5	10♌31	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n46	19s57	3s22	4s23	2s21	1n46	1s24	20n20	0n46	22n49	0n20	20s 7	1n59	18n16	0s15	1n32	1s21	23n 9	5n38	2n42	2n41	7n16	10n48	7s 7
M 2	5 9	23 57	4 10	3 42	2 20	2 16	1 23	20 30	0 47	22 48	0 20	20 7	1 59	18 17	0 15	1 33	1 21	23 9	5 38	2 42	2 40	7 13	10 49	7 6
T 3	5 32	26 53	4 47	2 59	2 18	2 46	1 23	20 40	0 47	22 48	0 20	20 7	1 59	18 17	0 15	1 34	1 21	23 9	5 38	2 42	2 39	7 9	10 50	7 6
W 4	5 55	28 28	5 10	2 16	2 16	3 16	1 22	20 49	0 48	22 47	0 20	20 6	2 0	18 18	0 15	1 35	1 21	23 9	5 38	2 41	2 37	7 6	10 51	7 5
T 5	6 17	28 28	5 17	1 31	2 14	3 45	1 21	20 58	0 48	22 47	0 20	20 6	2 0	18 19	0 15	1 36	1 21	23 9	5 38	2 41	2 36	7 2	10 51	7 4
F 6	6 40	26 47	5 7	0 46	2 11	4 15	1 20	21 7	0 48	22 46	0 20	20 6	2 0	18 20	0 15	1 37	1 21	23 9	5 38	2 41	2 35	6 59	10 52	7 3
S 7	7 3	23 26	4 39	0n 0	2 7	4 45	1 19	21 16	0 49	22 46	0 20	20 5	2 0	18 20	0 15	1 38	1 21	23 9	5 38	2 41	2 34	6 56	10 53	7 2
S 8	7 25	18 37	3 53	0 48	2 3	5 14	1 18	21 24	0 49	22 45	0 20	20 5	2 0	18 21	0 15	1 39	1 21	23 9	5 38	2 42	2 32	6 52	10 54	7 2
M 9	7 47	12 38	2 51	1 36	1 58	5 44	1 17	21 33	0 50	22 45	0 20	20 5	2 0	18 22	0 15	1 39	1 21	23 9	5 37	2 42	2 31	6 49	10 55	7 1
T 10	8 10	5 51	1 37	2 25	1 53	6 13	1 16	21 41	0 50	22 44	0 20	20 4	2 0	18 23	0 15	1 40	1 21	23 9	5 37	2 42	2 30	6 46	10 56	7 0
W11	8 32	1n19	0 16	3 14	1 48	6 42	1 15	21 49	0 51	22 43	0 20	20 4	2 0	18 23	0 15	1 41	1 21	23 9	5 37	2 43	2 29	6 42	10 56	6 59
T 12	8 54	8 25	1n 6	4 5	1 42	7 11	1 14	21 57	0 51	22 43	0 20	20 3	2 0	18 24	0 15	1 42	1 21	23 9	5 37	2 42	2 27	6 39	10 57	6 59
F 13	9 15	14 59	2 23	4 56	1 35	7 40	1 12	22 4	0 51	22 42	0 20	20 3	2 1	18 25	0 15	1 43	1 21	23 9	5 37	2 42	2 26	6 36	10 58	6 58
S 14	9 37	20 37	3 30	5 48	1 28	8 8	1 11	22 12	0 52	22 41	0 20	20 2	2 1	18 26	0 15	1 44	1 21	23 9	5 37	2 41	2 25	6 32	10 58	6 57
S 15	9 58	24 54	4 21	6 40	1 21	8 37	1 10	22 19	0 52	22 40	0 20	20 2	2 1	18 27	0 15	1 45	1 21	23 9	5 37	2 40	2 24	6 29	10 59	6 56
M16	10 20	27 37	4 56	7 33	1 13	9 5	1 8	22 26	0 53	22 40	0 20	20 2	2 1	18 27	0 15	1 45	1 21	23 9	5 37	2 39	2 22	6 25	11 0	6 56
T 17	10 41	28 38	5 13	8 26	1 4	9 33	1 7	22 33	0 53	22 39	0 20	20 1	2 1	18 28	0 15	1 46	1 21	23 9	5 37	2 38	2 21	6 22	11 0	6 55
W18	11 2	28 2	5 14	9 19	0 55	10 1	1 5	22 39	0 53	22 38	0 21	20 1	2 1	18 29	0 15	1 47	1 21	23 9	5 37	2 37	2 20	6 19	11 1	6 54
T 19	11 23	26 0	4 59	10 13	0 46	10 29	1 4	22 46	0 54	22 37	0 21	20 0	2 1	18 30	0 15	1 48	1 21	23 9	5 37	2 37	2 19	6 15	11 1	6 53
F 20	11 43	22 47	4 31	11 6	0 36	10 56	1 2	22 52	0 54	22 36	0 21	20 0	2 1	18 31	0 15	1 49	1 22	23 9	5 37	2 37	2 17	6 12	11 2	6 52
S 21	12 3	18 40	3 52	11 59	0 26	11 23	1 0	22 58	0 55	22 36	0 21	19 59	2 1	18 31	0 15	1 49	1 22	23 9	5 37	2 38	2 16	6 9	11 2	6 52
S 22	12 24	13 53	3 3	12 52	0 16	11 50	0 59	23 4	0 55	22 35	0 21	19 59	2 1	18 32	0 15	1 50	1 22	23 9	5 36	2 38	2 15	6 5	11 3	6 51
M23	12 44	8 37	2 7	13 44	0 6	12 16	0 57	23 10	0 55	22 34	0 21	19 58	2 1	18 33	0 15	1 51	1 22	23 9	5 36	2 39	2 13	6 2	11 3	6 50
T 24	13 3	3 3	1 5	14 35	0n 5	12 43	0 55	23 15	0 56	22 33	0 21	19 58	2 2	18 34	0 15	1 52	1 22	23 9	5 36	2 39	2 12	5 58	11 3	6 49
W25	13 23	2s39	0 0	15 26	0 16	13 9	0 53	23 21	0 56	22 32	0 21	19 57	2 2	18 35	0 15	1 53	1 22	23 9	5 36	2 40	2 11	5 55	11 4	6 49
T 26	13 42	8 19	1s 5	16 15	0 27	13 34	0 51	23 26	0 56	22 31	0 21	19 57	2 2	18 36	0 15	1 53	1 22	23 9	5 36	2 39	2 10	5 52	11 4	6 48
F 27	14 1	13 45	2 8	17 3	0 37	14 0	0 49	23 31	0 57	22 30	0 21	19 56	2 2	18 36	0 15	1 54	1 22	23 8	5 36	2 39	2 8	5 48	11 4	6 47
S 28	14 20	18 44	3 6	17 49	0 48	14 25	0 47	23 35	0 57	22 29	0 21	19 55	2 2	18 37	0 15	1 55	1 22	23 8	5 36	2 37	2 7	5 45	11 5	6 46
S 29	14 39	23 0	3 56	18 33	0 58	14 49	0 45	23 40	0 57	22 28	0 21	19 55	2 2	18 38	0 15	1 56	1 22	23 8	5 36	2 35	2 6	5 42	11 5	6 45
M30	14n57	26s14	4s35	19n16	1n 9	15n13	0s43	23n44	0n58	22n26	0n21	19s54	2n 2	18n39	0s15	1n57	1s22	23n 8	5n36	2n33	2n 5	5n38	11n 5	6s45

Julian Day Number = 2521762.5, Delta T = 155.61 sec
Ecliptic obliquity = 23°25'01, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°25'37, Lahiri = 26°32'37

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2192
geocentric

MAY 2192 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 38 54	11♉27'10	21♐29	23♉39	14♉51	17♊40	18♋59	9°R51	24♉36	8♈ 6	9♌55	6°R20	5♈11	19♍12	10♌33	T 1
W 2	14 42 50	12°25'28	4♑42	25°38	16° 5	18°19	19° 8	9♐48	24°40	8° 8	9°55	6♈15	5° 8	19°18	10°35	W 2
T 3	14 46 47	13°23'44	18° 9	27°34	17°19	18°59	19°16	9°44	24°43	8°10	9°56	6°11	5° 5	19°25	10°38	T 3
F 4	14 50 44	14°21'59	1♒48	29°27	18°33	19°39	19°25	9°40	24°46	8°12	9°56	6° 8	5° 1	19°32	10°40	F 4
S 5	14 54 40	15°20'12	15°41	1♊18	19°47	20°19	19°34	9°36	24°50	8°14	9°56	6°D 8	4°58	19°38	10°42	S 5
S 6	14 58 37	16°18'24	29°46	3° 5	21° 1	20°58	19°43	9°33	24°53	8°15	9°57	6° 8	4°55	19°45	10°45	S 6
M 7	15 2 33	17°16'34	14♓ 3	4°49	22°15	21°38	19°52	9°29	24°57	8°17	9°57	6°10	4°52	19°52	10°48	M 7
T 8	15 6 30	18°14'43	28°30	6°29	23°29	22°18	20° 1	9°25	25° 0	8°19	9°57	6°11	4°49	19°58	10°51	T 8
W 9	15 10 26	19°12'51	13♈ 3	8° 6	24°43	22°57	20°11	9°21	25° 4	8°21	9°58	6°R11	4°45	20° 5	10°53	W 9
T 10	15 14 23	20°10'57	27°38	9°39	25°57	23°37	20°20	9°17	25° 7	8°23	9°58	6° 9	4°42	20°12	10°56	T 10
F 11	15 18 19	21° 9'01	12♉ 8	11° 8	27°11	24°16	20°30	9°13	25°11	8°25	9°59	6° 5	4°39	20°18	10°59	F 11
S 12	15 22 16	22° 7'04	26°29	12°34	28°25	24°56	20°40	9° 8	25°14	8°26	9°59	5°59	4°36	20°25	11° 3	S 12
S 13	15 26 13	23° 5'06	10♊33	13°56	29°39	25°35	20°49	9° 4	25°18	8°28	10° 0	5°52	4°33	20°31	11° 6	S 13
M14	15 30 9	24° 3'06	24°17	15°13	0♊53	26°15	20°59	9° 0	25°21	8°30	10° 0	5°44	4°30	20°38	11° 9	M14
T 15	15 34 6	25° 1'04	7♋38	16°27	2° 7	26°54	21° 9	8°56	25°25	8°32	10° 1	5°36	4°26	20°45	11°13	T 15
W16	15 38 2	25°59'00	20°35	17°36	3°21	27°34	21°19	8°51	25°28	8°33	10° 2	5°30	4°23	20°51	11°16	W16
T 17	15 41 59	26°56'55	3♌10	18°42	4°34	28°13	21°29	8°47	25°32	8°35	10° 2	5°25	4°20	20°58	11°20	T 17
F 18	15 45 55	27°54'48	15°26	19°43	5°48	28°53	21°40	8°43	25°35	8°37	10° 3	5°22	4°17	21° 5	11°23	F 18
S 19	15 49 52	28°52'39	27°28	20°40	7° 2	29°32	21°50	8°38	25°39	8°38	10° 4	5°D21	4°14	21°11	11°27	S 19
S 20	15 53 48	29°50'28	9♍21	21°32	8°16	0♋11	22° 0	8°34	25°42	8°40	10° 5	5°22	4°11	21°18	11°31	S 20
M21	15 57 45	0♊48'16	21° 9	22°20	9°30	0°51	22°11	8°30	25°45	8°41	10° 5	5°23	4° 7	21°25	11°35	M21
T 22	16 1 42	1°46'02	2♎59	23° 3	10°43	1°30	22°22	8°25	25°49	8°43	10° 6	5°R24	4° 4	21°31	11°39	T 22
W23	16 5 38	2°43'47	14°54	23°42	11°57	2° 9	22°32	8°21	25°52	8°44	10° 7	5°23	4° 1	21°38	11°43	W23
T 24	16 9 35	3°41'29	27° 0	24°17	13°11	2°48	22°43	8°16	25°56	8°46	10° 8	5°21	3°58	21°45	11°48	T 24
F 25	16 13 31	4°39'11	9♏19	24°46	14°25	3°28	22°54	8°12	25°59	8°47	10° 9	5°16	3°55	21°51	11°52	F 25
S 26	16 17 28	5°36'51	21°53	25°11	15°38	4° 7	23° 5	8° 8	26° 3	8°49	10° 9	5° 9	3°51	21°58	11°56	S 26
S 27	16 21 24	6°34'30	4♐45	25°31	16°52	4°46	23°16	8° 3	26° 6	8°50	10°10	5° 0	3°48	22° 5	12° 1	S 27
M28	16 25 21	7°32'07	17°53	25°47	18° 6	5°25	23°27	7°59	26°10	8°52	10°11	4°50	3°45	22°11	12° 5	M28
T 29	16 29 17	8°29'44	1♑16	25°57	19°19	6° 4	23°38	7°54	26°13	8°53	10°12	4°39	3°42	22°18	12°10	T 29
W30	16 33 14	9°27'19	14°52	26° 3	20°33	6°43	23°49	7°50	26°17	8°54	10°13	4°30	3°39	22°25	12°14	W30
T 31	16 37 11	10♊24'54	28♑39	26°R 4	21♊47	7♋22	24♋ 1	7♐45	26♉20	8♈56	10♌14	4♈22	3♈36	22♍31	12♌19	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15n15	28s 9	5s 1	19n56	1n19	15n37	0s41	23n48	0n58	22n25	0n21	19s54	2n 2	18n40	0s15	1n57	1s22	23n 8	5n36	2n31	2n 3	5n35	11n 5	6s44
W 2	15 33	28 31	5 11	20 34	1 28	16 1	0 39	23 52	0 58	22 24	0 21	19 53	2 2	18 41	0 15	1 58	1 22	23 8	5 36	2 29	2 2	5 31	11 5	6 43
T 3	15 51	27 13	5 4	21 10	1 37	16 24	0 37	23 56	0 58	22 23	0 21	19 53	2 2	18 41	0 15	1 59	1 22	23 8	5 36	2 27	2 1	5 28	11 6	6 42
F 4	16 8	24 18	4 41	21 44	1 45	16 46	0 35	23 59	0 59	22 22	0 21	19 52	2 2	18 42	0 15	2 0	1 22	23 7	5 36	2 26	2 0	5 25	11 6	6 42
S 5	16 25	19 56	4 0	22 15	1 53	17 9	0 33	24 3	0 59	22 21	0 21	19 51	2 2	18 43	0 15	2 0	1 22	23 7	5 35	2 26	1 58	5 21	11 6	6 41
S 6	16 42	14 25	3 5	22 43	2 0	17 30	0 30	24 6	0 59	22 19	0 21	19 51	2 2	18 44	0 15	2 1	1 22	23 7	5 35	2 26	1 57	5 18	11 6	6 40
M 7	16 59	8 4	1 57	23 9	2 6	17 52	0 28	24 9	1 0	22 18	0 21	19 50	2 2	18 45	0 15	2 2	1 22	23 7	5 35	2 27	1 56	5 14	11 6	6 39
T 8	17 15	1 14	0 42	23 32	2 12	18 13	0 26	24 11	1 0	22 17	0 21	19 50	2 2	18 46	0 15	2 2	1 22	23 7	5 35	2 27	1 55	5 11	11 6	6 39
W 9	17 31	5n43	0n37	23 53	2 17	18 33	0 24	24 14	1 0	22 15	0 21	19 49	2 2	18 46	0 15	2 3	1 22	23 6	5 35	2 27	1 53	5 8	11 6	6 38
T 10	17 46	12 23	1 54	24 12	2 21	18 53	0 21	24 16	1 0	22 14	0 22	19 48	2 2	18 47	0 15	2 4	1 22	23 6	5 35	2 26	1 52	5 4	11 6	6 37
F 11	18 2	18 21	3 2	24 28	2 24	19 12	0 19	24 18	1 1	22 13	0 22	19 48	2 2	18 48	0 15	2 4	1 22	23 6	5 35	2 25	1 51	5 1	11 6	6 36
S 12	18 17	23 12	3 58	24 42	2 26	19 31	0 17	24 20	1 1	22 11	0 22	19 47	2 2	18 49	0 15	2 5	1 22	23 6	5 35	2 23	1 50	4 57	11 5	6 36
S 13	18 32	26 36	4 38	24 54	2 28	19 49	0 14	24 22	1 1	22 10	0 22	19 46	2 2	18 50	0 15	2 6	1 22	23 6	5 35	2 20	1 48	4 54	11 5	6 35
M14	18 46	28 19	5 2	25 3	2 28	20 7	0 12	24 23	1 1	22 8	0 22	19 46	2 2	18 51	0 15	2 6	1 22	23 5	5 35	2 17	1 47	4 51	11 5	6 34
T 15	19 0	28 19	5 7	25 11	2 28	20 25	0 9	24 25	1 2	22 7	0 22	19 45	2 2	18 52	0 15	2 7	1 22	23 5	5 35	2 14	1 46	4 47	11 5	6 33
W16	19 14	26 44	4 57	25 16	2 26	20 41	0 7	24 26	1 2	22 5	0 22	19 45	2 2	18 52	0 15	2 8	1 22	23 5	5 35	2 11	1 45	4 44	11 5	6 33
T 17	19 27	23 51	4 33	25 20	2 24	20 57	0 5	24 26	1 2	22 4	0 22	19 44	2 2	18 53	0 15	2 8	1 22	23 5	5 35	2 9	1 43	4 40	11 4	6 32
F 18	19 41	19 57	3 56	25 21	2 21	21 13	0 2	24 27	1 2	22 2	0 22	19 43	2 2	18 54	0 15	2 9	1 22	23 4	5 34	2 8	1 42	4 37	11 4	6 31
S 19	19 53	15 18	3 10	25 21	2 16	21 28	0n 0	24 28	1 3	22 1	0 22	19 43	2 2	18 55	0 15	2 9	1 22	23 4	5 34	2 8	1 41	4 34	11 4	6 31
S 20	20 6	10 9	2 15	25 20	2 11	21 42	0 3	24 28	1 3	21 59	0 22	19 42	2 2	18 56	0 15	2 10	1 23	23 4	5 34	2 8	1 39	4 30	11 3	6 30
M21	20 18	4 40	1 16	25 16	2 5	21 56	0 5	24 28	1 3	21 57	0 22	19 41	2 2	18 57	0 15	2 11	1 23	23 4	5 34	2 8	1 38	4 27	11 3	6 29
T 22	20 30	0s59	0 13	25 11	1 58	22 9	0 7	24 28	1 3	21 56	0 22	19 41	2 2	18 57	0 15	2 11	1 23	23 3	5 34	2 8	1 37	4 23	11 3	6 29
W23	20 41	6 39	0s51	25 5	1 49	22 22	0 10	24 27	1 4	21 54	0 22	19 40	2 2	18 58	0 15	2 12	1 23	23 3	5 34	2 8	1 36	4 20	11 2	6 28
T 24	20 52	12 9	1 53	24 58	1 40	22 34	0 12	24 27	1 4	21 52	0 22	19 39	2 2	18 59	0 15	2 12	1 23	23 3	5 34	2 7	1 34	4 17	11 2	6 27
F 25	21 3	17 17	2 51	24 49	1 30	22 45	0 15	24 26	1 4	21 50	0 22	19 39	2 2	19 0	0 15	2 13	1 23	23 2	5 34	2 5	1 33	4 13	11 1	6 27
S 26	21 13	21 48	3 42	24 39	1 19	22 56	0 17	24 25	1 4	21 49	0 22	19 38	2 2	19 1	0 15	2 13	1 23	23 2	5 34	2 3	1 32	4 10	11 1	6 26
S 27	21 23	25 22	4 23	24 27	1 7	23 6	0 20	24 24	1 4	21 47	0 22	19 37	2 2	19 1	0 15	2 14	1 23	23 2	5 34	1 59	1 31	4 6	11 0	6 25
M28	21 33	27 41	4 50	24 15	0 54	23 15	0 22	24 23	1 4	21 45	0 22	19 37	2 2	19 2	0 15	2 14	1 23	23 1	5 34	1 55	1 29	4 3	10 59	6 25
T 29	21 42	28 27	5 3	24 2	0 41	23 23	0 24	24 21	1 5	21 43	0 22	19 36	2 2	19 3	0 15	2 15	1 23	23 1	5 34	1 51	1 28	3 59	10 59	6 24
W30	21 51	27 32	4 58	23 48	0 26	23 31	0 27	24 20	1 5	21 41	0 22	19 35	2 2	19 4	0 15	2 15	1 23	23 1	5 34	1 47	1 27	3 56	10 58	6 23
T 31	21n59	24s56	4s37	23n32	0n11	23n39	0n29	24n18	1n 5	21n39	0n23	19s35	2n 2	19n 5	0s15	2n16	1s23	23n 0	5n34	1n44	1n26	3n53	10n57	6s23

Julian Day Number = 2521792.5, Delta T = 155.69 sec
Ecliptic obliquity = 23°25'00, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°25'41, Lahiri = 26°32'41

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2192
geocentric

JUNE 2192 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 41 7	11♊22'27	12♒33	26°R 1	23♊ 0	8♋ 1	24♋12	7°R41	26♉23	8♈57	10♎15	4°R16	3♈32	22♍38	12♎24	F 1
S 2	16 45 4	12°20'00	26°34	25♊53	24°14	8°40	24°23	7♐36	26°27	8°58	10°16	4♈13	3°29	22°44	12°29	S 2
S 3	16 49 0	13°17'31	10♓38	25°41	25°27	9°19	24°35	7°32	26°30	8°59	10°17	4°D12	3°26	22°51	12°34	S 3
M 4	16 52 57	14°15'02	24°46	25°25	26°41	9°58	24°47	7°27	26°33	9° 1	10°18	4°13	3°23	22°58	12°39	M 4
T 5	16 56 53	15°12'32	8♈57	25° 6	27°55	10°37	24°58	7°23	26°37	9° 2	10°19	4°R13	3°20	23° 4	12°44	T 5
W 6	17 0 50	16°10'02	23° 8	24°43	29° 8	11°16	25°10	7°19	26°40	9° 3	10°20	4°11	3°17	23°11	12°49	W 6
T 7	17 4 46	17° 7'31	7♉18	24°17	0♌22	11°55	25°22	7°14	26°44	9° 4	10°22	4° 8	3°13	23°18	12°55	T 7
F 8	17 8 43	18° 4'59	21°23	23°48	1°35	12°34	25°34	7°10	26°47	9° 5	10°23	4° 2	3°10	23°24	13° 0	F 8
S 9	17 12 40	19° 2'26	5♊20	23°17	2°49	13°13	25°46	7° 6	26°50	9° 6	10°24	3°53	3° 7	23°31	13° 5	S 9
S 10	17 16 36	19°59'53	19° 5	22°45	4° 2	13°52	25°57	7° 1	26°53	9° 7	10°25	3°42	3° 4	23°38	13°11	S 10
M11	17 20 33	20°57'18	2♋34	22°12	5°16	14°31	26°10	6°57	26°57	9° 8	10°26	3°30	3° 1	23°44	13°16	M11
T 12	17 24 29	21°54'43	15°44	21°39	6°29	15° 9	26°22	6°53	27° 0	9° 9	10°28	3°18	2°57	23°51	13°22	T 12
W13	17 28 26	22°52'07	28°35	21° 5	7°43	15°48	26°34	6°49	27° 3	9°10	10°29	3° 8	2°54	23°58	13°28	W13
T 14	17 32 22	23°49'30	11♎ 7	20°33	8°56	16°27	26°46	6°44	27° 6	9°11	10°30	3° 0	2°51	24° 4	13°34	T 14
F 15	17 36 19	24°46'52	23°22	20° 1	10°10	17° 6	26°58	6°40	27°10	9°12	10°31	2°54	2°48	24°11	13°39	F 15
S 16	17 40 16	25°44'13	5♍23	19°32	11°23	17°45	27°10	6°36	27°13	9°13	10°33	2°50	2°45	24°18	13°45	S 16
S 17	17 44 12	26°41'33	17°15	19° 4	12°37	18°23	27°23	6°32	27°16	9°14	10°34	2°49	2°42	24°24	13°51	S 17
M18	17 48 9	27°38'53	29° 4	18°40	13°50	19° 2	27°35	6°28	27°19	9°14	10°35	2°49	2°38	24°31	13°57	M18
T 19	17 52 5	28°36'11	10♎54	18°18	15° 3	19°41	27°48	6°24	27°22	9°15	10°37	2°49	2°35	24°37	14° 3	T 19
W20	17 56 2	29°33'28	22°51	18° 1	16°17	20°19	28° 0	6°20	27°25	9°16	10°38	2°48	2°32	24°44	14° 9	W20
T 21	17 59 58	0♋30'45	5♏ 1	17°47	17°30	20°58	28°13	6°16	27°28	9°17	10°39	2°45	2°29	24°51	14°15	T 21
F 22	18 3 55	1°28'01	17°26	17°37	18°44	21°37	28°25	6°12	27°31	9°17	10°41	2°39	2°26	24°57	14°22	F 22
S 23	18 7 51	2°25'16	0♐12	17°31	19°57	22°15	28°38	6° 9	27°34	9°18	10°42	2°31	2°23	25° 4	14°28	S 23
S 24	18 11 48	3°22'31	13°18	17°D30	21°10	22°54	28°50	6° 5	27°37	9°18	10°44	2°21	2°19	25°11	14°34	S 24
M25	18 15 45	4°19'45	26°45	17°34	22°24	23°33	29° 3	6° 1	27°40	9°19	10°45	2°10	2°16	25°17	14°41	M25
T 26	18 19 41	5°16'59	10♑32	17°42	23°37	24°11	29°16	5°58	27°43	9°20	10°47	1°58	2°13	25°24	14°47	T 26
W27	18 23 38	6°14'13	24°33	17°55	24°50	24°50	29°29	5°54	27°46	9°20	10°48	1°47	2°10	25°31	14°53	W27
T 28	18 27 34	7°11'26	8♒45	18°13	26° 3	25°28	29°41	5°51	27°49	9°21	10°50	1°37	2° 7	25°37	15° 0	T 28
F 29	18 31 31	8° 8'39	23° 2	18°35	27°17	26° 7	29°54	5°47	27°52	9°21	10°51	1°31	2° 3	25°44	15° 7	F 29
S 30	18 35 27	9♋ 5'52	7♓20	19♊ 2	28♋30	26♋45	0♎ 7	5♐44	27♉55	9♈21	10♎53	1♈27	2♈ 0	25♍51	15♎13	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n 7	20s50	3s59	23n17	0s 5	23n45	0n31	24n16	1n 5	21n37	0n23	19s34	2n 2	19n 5	0s15	2n16	1s23	23n 0	5n34	1n42	1n24	3n49	10n57	6s22
S 2	22 15	15 34	3 6	23 0	0 21	23 51	0 34	24 13	1 5	21 35	0 23	19 33	2 2	19 6	0 15	2 17	1 23	23 0	5 33	1 41	1 23	3 46	10 56	6 21
S 3	22 22	9 27	2 2	22 43	0 38	23 56	0 36	24 11	1 6	21 33	0 23	19 33	2 2	19 7	0 15	2 17	1 23	22 59	5 33	1 40	1 22	3 42	10 55	6 21
M 4	22 29	2 50	0 50	22 25	0 55	24 1	0 38	24 8	1 6	21 31	0 23	19 32	2 1	19 8	0 15	2 18	1 23	22 59	5 33	1 40	1 21	3 39	10 54	6 20
T 5	22 36	3n56	0n25	22 7	1 13	24 5	0 41	24 5	1 6	21 29	0 23	19 32	2 1	19 9	0 15	2 18	1 23	22 59	5 33	1 40	1 19	3 35	10 54	6 20
W 6	22 42	10 31	1 39	21 49	1 30	24 8	0 43	24 2	1 6	21 27	0 23	19 31	2 1	19 9	0 15	2 18	1 23	22 58	5 33	1 40	1 18	3 32	10 53	6 19
T 7	22 48	16 33	2 46	21 30	1 47	24 10	0 45	23 59	1 6	21 25	0 23	19 30	2 1	19 10	0 15	2 19	1 23	22 58	5 33	1 38	1 17	3 29	10 52	6 18
F 8	22 53	21 40	3 43	21 12	2 4	24 12	0 47	23 55	1 6	21 23	0 23	19 30	2 1	19 11	0 15	2 19	1 23	22 58	5 33	1 36	1 16	3 25	10 51	6 18
S 9	22 58	25 31	4 25	20 54	2 21	24 13	0 49	23 52	1 6	21 21	0 23	19 29	2 1	19 12	0 15	2 20	1 23	22 57	5 33	1 33	1 14	3 22	10 50	6 17
S 10	23 2	27 49	4 52	20 36	2 37	24 13	0 52	23 48	1 7	21 19	0 23	19 28	2 1	19 12	0 15	2 20	1 23	22 57	5 33	1 28	1 13	3 18	10 49	6 17
M11	23 7	28 25	5 1	20 19	2 53	24 12	0 54	23 44	1 7	21 17	0 23	19 28	2 1	19 13	0 15	2 20	1 24	22 57	5 33	1 23	1 12	3 15	10 48	6 16
T 12	23 10	27 21	4 54	20 2	3 8	24 11	0 56	23 40	1 7	21 14	0 23	19 27	2 1	19 14	0 15	2 21	1 24	22 56	5 33	1 19	1 11	3 11	10 47	6 16
W13	23 14	24 52	4 32	19 46	3 21	24 9	0 58	23 35	1 7	21 12	0 23	19 27	2 1	19 15	0 15	2 21	1 24	22 56	5 33	1 15	1 9	3 8	10 46	6 15
T 14	23 16	21 14	3 58	19 31	3 34	24 6	1 0	23 31	1 7	21 10	0 23	19 26	2 0	19 15	0 15	2 21	1 24	22 55	5 33	1 11	1 8	3 5	10 45	6 14
F 15	23 19	16 45	3 13	19 18	3 45	24 3	1 2	23 26	1 7	21 8	0 23	19 26	2 0	19 16	0 15	2 22	1 24	22 55	5 33	1 9	1 7	3 1	10 44	6 14
S 16	23 21	11 42	2 20	19 5	3 56	23 59	1 4	23 21	1 7	21 5	0 23	19 25	2 0	19 17	0 15	2 22	1 24	22 55	5 33	1 8	1 5	2 58	10 43	6 13
S 17	23 23	6 17	1 22	18 54	4 4	23 54	1 5	23 16	1 7	21 3	0 23	19 24	2 0	19 18	0 15	2 22	1 24	22 54	5 33	1 7	1 4	2 54	10 42	6 13
M18	23 24	0 41	0 20	18 45	4 12	23 49	1 7	23 11	1 8	21 1	0 24	19 24	2 0	19 18	0 15	2 22	1 24	22 54	5 33	1 7	1 3	2 51	10 40	6 12
T 19	23 25	4s58	0s43	18 37	4 18	23 43	1 9	23 5	1 8	20 58	0 24	19 23	2 0	19 19	0 15	2 23	1 24	22 53	5 33	1 7	1 2	2 47	10 39	6 12
W20	23 25	10 29	1 44	18 31	4 23	23 36	1 11	23 0	1 8	20 56	0 24	19 23	2 0	19 20	0 15	2 23	1 24	22 53	5 33	1 7	1 0	2 44	10 38	6 11
T 21	23 25	15 43	2 42	18 26	4 26	23 28	1 12	22 54	1 8	20 53	0 24	19 22	1 59	19 20	0 15	2 23	1 24	22 53	5 33	1 5	0 59	2 41	10 37	6 11
F 22	23 25	20 25	3 33	18 23	4 28	23 20	1 14	22 48	1 8	20 51	0 24	19 22	1 59	19 21	0 15	2 23	1 24	22 52	5 33	1 3	0 58	2 37	10 36	6 10
S 23	23 24	24 19	4 15	18 22	4 29	23 11	1 16	22 42	1 8	20 48	0 24	19 21	1 59	19 22	0 15	2 23	1 24	22 52	5 33	1 0	0 57	2 34	10 34	6 10
S 24	23 22	27 4	4 44	18 23	4 28	23 1	1 17	22 36	1 8	20 46	0 24	19 21	1 59	19 22	0 15	2 24	1 24	22 51	5 33	0 56	0 55	2 30	10 33	6 9
M25	23 21	28 22	4 59	18 25	4 26	22 51	1 19	22 29	1 8	20 43	0 24	19 20	1 59	19 23	0 15	2 24	1 24	22 51	5 33	0 51	0 54	2 27	10 32	6 9
T 26	23 19	27 56	4 57	18 29	4 23	22 40	1 20	22 23	1 8	20 41	0 24	19 20	1 59	19 24	0 15	2 24	1 24	22 50	5 33	0 47	0 53	2 23	10 30	6 8
W27	23 16	25 44	4 37	18 34	4 19	22 29	1 22	22 16	1 8	20 38	0 24	19 20	1 59	19 24	0 15	2 24	1 24	22 50	5 33	0 42	0 52	2 20	10 29	6 8
T 28	23 13	21 55	4 0	18 41	4 14	22 16	1 23	22 9	1 8	20 35	0 24	19 19	1 58	19 25	0 15	2 24	1 24	22 50	5 33	0 39	0 50	2 16	10 27	6 8
F 29	23 10	16 47	3 8	18 49	4 8	22 4	1 24	22 2	1 9	20 33	0 24	19 19	1 58	19 26	0 15	2 24	1 24	22 49	5 33	0 36	0 49	2 13	10 26	6 7
S 30	23n 6	10s43	2s 4	18n58	4s 1	21n50	1n25	21n54	1n 9	20n30	0n24	19s18	1n58	19n26	0s15	2n25	1s25	22n49	5n33	0n35	0n48	2n10	10n24	6s 7

Julian Day Number = 2521823.5, Delta T = 155.77 sec
Ecliptic obliquity = 23°25'00, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°25'45, Lahiri = 26°32'46

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2192
geocentric

JULY 2192 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 39 24	10♋ 3'05	21♓36	19♊34	29♋43	27♋24	0♌20	5°R41	27♉57	9♈22	10♌54	1°R26	1♈57	25♍57	15♌20	S 1
M 2	18 43 20	11° 0'18	5♈46	20°11	0♌56	28° 2	0°33	5♐37	28° 0	9°22	10°56	1♈26	1°54	26° 4	15°27	M 2
T 3	18 47 17	11°57'31	19°51	20°52	2° 9	28°41	0°46	5°34	28° 3	9°22	10°57	1°25	1°51	26°11	15°33	T 3
W 4	18 51 14	12°54'44	3♉49	21°38	3°23	29°19	0°59	5°31	28° 6	9°23	10°59	1°24	1°48	26°17	15°40	W 4
T 5	18 55 10	13°51'58	17°40	22°28	4°36	29°58	1°12	5°28	28° 8	9°23	11° 0	1°21	1°44	26°24	15°47	T 5
F 6	18 59 7	14°49'12	1♊22	23°23	5°49	0♌36	1°25	5°25	28°11	9°23	11° 2	1°15	1°41	26°30	15°54	F 6
S 7	19 3 3	15°46'26	14°54	24°22	7° 2	1°15	1°38	5°22	28°14	9°23	11° 3	1° 6	1°38	26°37	16° 1	S 7
S 8	19 7 0	16°43'40	28°15	25°25	8°15	1°53	1°51	5°19	28°16	9°23	11° 5	0°55	1°35	26°44	16° 8	S 8
M 9	19 10 56	17°40'54	11♋23	26°32	9°28	2°32	2° 4	5°17	28°19	9°24	11° 7	0°43	1°32	26°50	16°15	M 9
T 10	19 14 53	18°38'09	24°16	27°44	10°41	3°10	2°17	5°14	28°21	9°24	11° 8	0°31	1°29	26°57	16°22	T 10
W11	19 18 49	19°35'23	6♌54	29° 0	11°54	3°48	2°31	5°12	28°24	9°24	11°10	0°21	1°25	27° 4	16°29	W11
T 12	19 22 46	20°32'37	19°16	0♋20	13° 8	4°27	2°44	5° 9	28°26	9°R24	11°12	0°12	1°22	27°10	16°36	T 12
F 13	19 26 43	21°29'52	1♍25	1°44	14°21	5° 5	2°57	5° 7	28°29	9°24	11°13	0° 6	1°19	27°17	16°43	F 13
S 14	19 30 39	22°27'06	13°23	3°12	15°34	5°43	3°10	5° 4	28°31	9°24	11°15	0° 3	1°16	27°24	16°50	S 14
S 15	19 34 36	23°24'20	25°13	4°44	16°47	6°22	3°23	5° 2	28°33	9°23	11°17	0°D 1	1°13	27°30	16°57	S 15
M16	19 38 32	24°21'35	7♎ 1	6°20	18° 0	7° 0	3°37	5° 0	28°36	9°23	11°18	0° 1	1° 9	27°37	17° 5	M16
T 17	19 42 29	25°18'49	18°51	7°59	19°13	7°38	3°50	4°58	28°38	9°23	11°20	0° 2	1° 6	27°44	17°12	T 17
W18	19 46 25	26°16'03	0♏48	9°42	20°25	8°17	4° 3	4°56	28°40	9°23	11°22	0°R 2	1° 3	27°50	17°19	W18
T 19	19 50 22	27°13'18	12°57	11°28	21°38	8°55	4°16	4°54	28°42	9°23	11°23	0° 1	1° 0	27°57	17°27	T 19
F 20	19 54 18	28°10'32	25°25	13°18	22°51	9°33	4°30	4°52	28°44	9°23	11°25	29♓57	0°57	28° 3	17°34	F 20
S 21	19 58 15	29° 7'47	8♐14	15°10	24° 4	10°12	4°43	4°51	28°47	9°22	11°27	29°52	0°54	28°10	17°41	S 21
S 22	20 2 12	0♌ 5'02	21°28	17° 5	25°17	10°50	4°56	4°49	28°49	9°22	11°29	29°44	0°50	28°17	17°49	S 22
M23	20 6 8	1° 2'18	5♑ 7	19° 3	26°30	11°28	5°10	4°47	28°51	9°22	11°30	29°36	0°47	28°23	17°56	M23
T 24	20 10 5	1°59'34	19°10	21° 3	27°43	12° 6	5°23	4°46	28°53	9°21	11°32	29°27	0°44	28°30	18° 4	T 24
W25	20 14 1	2°56'50	3♒31	23° 5	28°55	12°45	5°36	4°45	28°55	9°21	11°34	29°18	0°41	28°37	18°11	W25
T 26	20 17 58	3°54'06	18° 7	25° 8	0♍ 8	13°23	5°49	4°43	28°57	9°20	11°35	29°11	0°38	28°43	18°19	T 26
F 27	20 21 54	4°51'24	2♓49	27°13	1°21	14° 1	6° 3	4°42	28°58	9°20	11°37	29° 6	0°35	28°50	18°26	F 27
S 28	20 25 51	5°48'42	17°30	29°19	2°33	14°39	6°16	4°41	29° 0	9°19	11°39	29° 4	0°31	28°57	18°34	S 28
S 29	20 29 48	6°46'01	2♈ 5	1♌25	3°46	15°18	6°29	4°40	29° 2	9°19	11°41	29°D 3	0°28	29° 3	18°41	S 29
M30	20 33 44	7°43'20	16°29	3°32	4°59	15°56	6°43	4°39	29° 4	9°18	11°42	29° 4	0°25	29°10	18°49	M30
T 31	20 37 41	8♌40'41	0♉39	5♌39	6♍11	16♌34	6♌56	4♐39	29♉ 5	9♈18	11♌44	29♓ 5	0♈22	29♍17	18♌56	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n 2	4s 7	0s52	19n 8	3s53	21n36	1n26	21n47	1n 9	20n27	0n24	19s18	1n58	19n27	0s15	2n25	1s25	22n48	5n33	0n34	0n47	2n 6	10n23	6s 6
M 2	22 58	2n39	0n23	19 19	3 45	21 21	1 28	21 39	1 9	20 25	0 24	19 17	1 58	19 28	0 15	2 25	1 25	22 48	5 33	0 34	0 45	2 3	10 21	6 6
T 3	22 53	9 14	1 36	19 31	3 35	21 6	1 29	21 32	1 9	20 22	0 24	19 17	1 57	19 28	0 15	2 25	1 25	22 47	5 33	0 34	0 44	1 59	10 20	6 6
W 4	22 47	15 20	2 43	19 44	3 25	20 50	1 30	21 24	1 9	20 19	0 25	19 17	1 57	19 29	0 15	2 25	1 25	22 47	5 33	0 33	0 43	1 56	10 18	6 5
T 5	22 42	20 35	3 39	19 58	3 15	20 34	1 30	21 16	1 9	20 16	0 25	19 16	1 57	19 29	0 15	2 25	1 25	22 47	5 33	0 32	0 41	1 52	10 17	6 5
F 6	22 36	24 41	4 22	20 12	3 4	20 17	1 31	21 7	1 9	20 14	0 25	19 16	1 57	19 30	0 15	2 25	1 25	22 46	5 33	0 30	0 40	1 49	10 15	6 4
S 7	22 29	27 22	4 50	20 26	2 52	19 59	1 32	20 59	1 9	20 11	0 25	19 16	1 57	19 31	0 15	2 25	1 25	22 46	5 33	0 26	0 39	1 45	10 13	6 4
S 8	22 22	28 25	5 1	20 40	2 40	19 41	1 33	20 51	1 9	20 8	0 25	19 15	1 57	19 31	0 15	2 25	1 25	22 45	5 33	0 22	0 38	1 42	10 12	6 4
M 9	22 15	27 51	4 56	20 54	2 28	19 22	1 33	20 42	1 9	20 5	0 25	19 15	1 56	19 32	0 15	2 25	1 25	22 45	5 33	0 17	0 36	1 39	10 10	6 3
T 10	22 7	25 46	4 36	21 8	2 15	19 3	1 34	20 33	1 9	20 2	0 25	19 15	1 56	19 32	0 15	2 25	1 25	22 44	5 33	0 12	0 35	1 35	10 8	6 3
W11	21 59	22 27	4 3	21 22	2 3	18 43	1 35	20 24	1 9	19 59	0 25	19 15	1 56	19 33	0 15	2 25	1 25	22 44	5 33	0 8	0 34	1 32	10 7	6 3
T 12	21 51	18 11	3 19	21 35	1 50	18 23	1 35	20 15	1 9	19 56	0 25	19 14	1 56	19 33	0 15	2 25	1 25	22 43	5 33	0 5	0 33	1 28	10 5	6 2
F 13	21 42	13 14	2 26	21 48	1 36	18 2	1 35	20 6	1 9	19 53	0 25	19 14	1 56	19 34	0 15	2 25	1 25	22 43	5 33	0 2	0 31	1 25	10 3	6 2
S 14	21 33	7 52	1 28	21 59	1 23	17 41	1 36	19 56	1 9	19 50	0 25	19 14	1 55	19 34	0 15	2 25	1 25	22 43	5 33	0 1	0 30	1 21	10 1	6 2
S 15	21 23	2 17	0 26	22 10	1 10	17 19	1 36	19 47	1 9	19 47	0 25	19 14	1 55	19 35	0 15	2 25	1 25	22 42	5 33	0 1	0 29	1 18	10 0	6 1
M16	21 14	3s21	0s37	22 19	0 57	16 57	1 36	19 37	1 9	19 44	0 25	19 14	1 55	19 35	0 15	2 24	1 25	22 42	5 33	0 1	0 28	1 14	9 58	6 1
T 17	21 3	8 54	1 39	22 27	0 44	16 34	1 36	19 27	1 9	19 41	0 25	19 13	1 55	19 36	0 15	2 24	1 25	22 41	5 33	0 1	0 26	1 11	9 56	6 1
W18	20 53	14 11	2 37	22 33	0 31	16 11	1 36	19 18	1 9	19 38	0 26	19 13	1 54	19 36	0 15	2 24	1 26	22 41	5 33	0 1	0 25	1 8	9 54	6 0
T 19	20 42	19 1	3 29	22 37	0 18	15 48	1 36	19 8	1 9	19 35	0 26	19 13	1 54	19 37	0 15	2 24	1 26	22 40	5 33	0 0	0 24	1 4	9 52	6 0
F 20	20 30	23 10	4 12	22 39	0 6	15 24	1 36	18 57	1 9	19 32	0 26	19 13	1 54	19 37	0 15	2 24	1 26	22 40	5 33	0s 1	0 23	1 1	9 50	6 0
S 21	20 19	26 20	4 44	22 39	0n 6	14 59	1 36	18 47	1 9	19 29	0 26	19 13	1 54	19 38	0 15	2 24	1 26	22 39	5 33	0 3	0 21	0 57	9 48	6 0
S 22	20 7	28 10	5 2	22 37	0 17	14 35	1 35	18 37	1 9	19 26	0 26	19 13	1 54	19 38	0 15	2 24	1 26	22 39	5 33	0 6	0 20	0 54	9 46	5 59
M23	19 54	28 22	5 4	22 32	0 28	14 10	1 35	18 26	1 9	19 23	0 26	19 13	1 53	19 39	0 15	2 23	1 26	22 38	5 33	0 10	0 19	0 50	9 44	5 59
T 24	19 42	26 47	4 47	22 25	0 39	13 44	1 35	18 15	1 9	19 20	0 26	19 13	1 53	19 39	0 15	2 23	1 26	22 38	5 33	0 13	0 18	0 47	9 42	5 59
W25	19 29	23 27	4 13	22 14	0 48	13 18	1 34	18 5	1 9	19 16	0 26	19 13	1 53	19 40	0 15	2 23	1 26	22 38	5 33	0 17	0 16	0 43	9 40	5 59
T 26	19 16	18 35	3 21	22 2	0 58	12 52	1 33	17 54	1 9	19 13	0 26	19 13	1 53	19 40	0 15	2 23	1 26	22 37	5 33	0 19	0 15	0 40	9 38	5 58
F 27	19 2	12 35	2 16	21 46	1 6	12 26	1 33	17 43	1 9	19 10	0 26	19 13	1 52	19 40	0 15	2 23	1 26	22 37	5 33	0 21	0 14	0 36	9 36	5 58
S 28	18 48	5 53	1 2	21 28	1 13	11 59	1 32	17 31	1 9	19 7	0 26	19 13	1 52	19 41	0 15	2 22	1 26	22 36	5 33	0 22	0 12	0 33	9 34	5 58
S 29	18 34	1n 4	0n16	21 8	1 20	11 32	1 31	17 20	1 9	19 4	0 26	19 13	1 52	19 41	0 15	2 22	1 26	22 36	5 33	0 23	0 11	0 30	9 32	5 58
M30	18 19	7 54	1 32	20 45	1 26	11 5	1 30	17 9	1 9	19 0	0 27	19 13	1 52	19 42	0 15	2 22	1 26	22 35	5 33	0 22	0 10	0 26	9 30	5 58
T 31	18n 4	14n13	2n42	20n19	1n31	10n37	1n29	16n57	1n 9	18n57	0n27	19s13	1n52	19n42	0s15	2n22	1s26	22n35	5n33	0s22	0n 9	0n23	9n28	5s57

Julian Day Number = 2521853.5, Delta T = 155.84 sec
Ecliptic obliquity = 23°25'00, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°25'49, Lahiri = 26°32'50

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2192
geocentric

AUGUST 2192 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 41 37	9♌38'03	14♉35	7♌45	7♍24	17♌12	7♌ 9	4°R38	29♉ 7	9°R17	11♌46	29°R 5	0♈19	29♍23	19♌ 4	W 1
T 2	20 45 34	10°35'26	28°16	9°51	8°37	17°51	7°23	4♐37	29° 9	9♈16	11°48	29♓ 4	0°15	29°30	19°11	T 2
F 3	20 49 30	11°32'51	11♊43	11°57	9°49	18°29	7°36	4°37	29°10	9°16	11°49	29° 0	0°12	29°37	19°19	F 3
S 4	20 53 27	12°30'16	24°55	14° 1	11° 2	19° 7	7°49	4°36	29°12	9°15	11°51	28°55	0° 9	29°43	19°27	S 4
S 5	20 57 23	13°27'42	7♋55	16° 5	12°14	19°45	8° 3	4°36	29°13	9°14	11°53	28°48	0° 6	29°50	19°34	S 5
M 6	21 1 20	14°25'10	20°42	18° 7	13°27	20°23	8°16	4°36	29°15	9°14	11°55	28°40	0° 3	29°56	19°42	M 6
T 7	21 5 17	15°22'38	3♌15	20° 8	14°39	21° 2	8°29	4°36	29°16	9°13	11°56	28°33	29♓59	0♎ 3	19°50	T 7
W 8	21 9 13	16°20'07	15°37	22° 8	15°51	21°40	8°42	4°D36	29°17	9°12	11°58	28°26	29°56	0°10	19°57	W 8
T 9	21 13 10	17°17'38	27°47	24° 7	17° 4	22°18	8°56	4°36	29°19	9°11	12° 0	28°20	29°53	0°16	20° 5	T 9
F 10	21 17 6	18°15'09	9♍48	26° 4	18°16	22°56	9° 9	4°36	29°20	9°10	12° 2	28°17	29°50	0°23	20°13	F 10
S 11	21 21 3	19°12'41	21°41	27°59	19°29	23°34	9°22	4°36	29°21	9° 9	12° 3	28°15	29°47	0°30	20°20	S 11
S 12	21 24 59	20°10'14	3♎29	29°53	20°41	24°13	9°35	4°37	29°22	9° 8	12° 5	28°D15	29°44	0°36	20°28	S 12
M13	21 28 56	21° 7'48	15°15	1♍46	21°53	24°51	9°48	4°37	29°23	9° 7	12° 7	28°16	29°41	0°43	20°36	M13
T 14	21 32 52	22° 5'23	27° 4	3°37	23° 5	25°29	10° 2	4°38	29°24	9° 6	12° 9	28°17	29°37	0°50	20°44	T 14
W15	21 36 49	23° 2'59	9♏ 0	5°26	24°18	26° 7	10°15	4°38	29°25	9° 5	12°10	28°19	29°34	0°56	20°51	W15
T 16	21 40 45	24° 0'36	21° 9	7°14	25°30	26°45	10°28	4°39	29°26	9° 4	12°12	28°R20	29°31	1° 3	20°59	T 16
F 17	21 44 42	24°58'13	3♐35	9° 1	26°42	27°23	10°41	4°40	29°27	9° 3	12°14	28°19	29°28	1°10	21° 7	F 17
S 18	21 48 39	25°55'52	16°22	10°46	27°54	28° 2	10°54	4°41	29°28	9° 2	12°16	28°18	29°25	1°16	21°14	S 18
S 19	21 52 35	26°53'32	29°35	12°30	29° 6	28°40	11° 7	4°42	29°29	9° 1	12°17	28°15	29°21	1°23	21°22	S 19
M20	21 56 32	27°51'13	13♑15	14°12	0♎18	29°18	11°20	4°43	29°30	9° 0	12°19	28°11	29°18	1°29	21°30	M20
T 21	22 0 28	28°48'54	27°22	15°52	1°30	29°56	11°33	4°44	29°31	8°59	12°21	28° 7	29°15	1°36	21°37	T 21
W22	22 4 25	29°46'37	11♒53	17°32	2°42	0♏34	11°46	4°46	29°31	8°58	12°22	28° 3	29°12	1°43	21°45	W22
T 23	22 8 21	0♏44'21	26°42	19° 9	3°54	1°12	11°59	4°47	29°32	8°56	12°24	27°59	29° 9	1°49	21°53	T 23
F 24	22 12 18	1°42'07	11♓42	20°46	5° 6	1°51	12°12	4°49	29°32	8°55	12°26	27°57	29° 6	1°56	22° 0	F 24
S 25	22 16 15	2°39'54	26°45	22°21	6°18	2°29	12°25	4°50	29°33	8°54	12°27	27°D57	29° 2	2° 3	22° 8	S 25
S 26	22 20 11	3°37'42	11♈41	23°54	7°29	3° 7	12°38	4°52	29°33	8°53	12°29	27°57	28°59	2° 9	22°16	S 26
M27	22 24 8	4°35'32	26°24	25°26	8°41	3°45	12°50	4°54	29°34	8°51	12°31	27°58	28°56	2°16	22°23	M27
T 28	22 28 4	5°33'24	10♉49	26°57	9°53	4°23	13° 3	4°56	29°34	8°50	12°32	28° 0	28°53	2°23	22°31	T 28
W29	22 32 1	6°31'18	24°52	28°27	11° 5	5° 1	13°16	4°58	29°34	8°49	12°34	28° 1	28°50	2°29	22°39	W29
T 30	22 35 57	7°29'13	8♊35	29°54	12°16	5°40	13°29	5° 0	29°35	8°47	12°36	28°R 1	28°47	2°36	22°46	T 30
F 31	22 39 54	8♍27'11	21♊56	1♎21	13♎28	6♍18	13♌41	5♐ 2	29♉35	8♈46	12♌37	28♓ 0	28♓43	2♎43	22♌54	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17n49	19n42	3n40	19n51	1n36	10n 9	1n28	16n46	1n 9	18n54	0n27	19s13	1n51	19n42	0s15	2n21	1s26	22n34	5n33	0s22	0n 7	0n19	9n26	5s57
T 2	17 34	24 4	4 25	19 21	1 39	9 41	1 27	16 34	1 9	18 50	0 27	19 13	1 51	19 43	0 15	2 21	1 26	22 34	5 33	0 22	0 6	0 16	9 24	5 57
F 3	17 18	27 2	4 54	18 50	1 42	9 12	1 26	16 22	1 9	18 47	0 27	19 13	1 51	19 43	0 15	2 21	1 26	22 34	5 34	0 24	0 5	0 12	9 21	5 57
S 4	17 2	28 26	5 7	18 16	1 44	8 44	1 25	16 10	1 9	18 44	0 27	19 14	1 51	19 43	0 15	2 20	1 26	22 33	5 34	0 26	0 4	0 9	9 19	5 57
S 5	16 46	28 15	5 4	17 41	1 45	8 15	1 23	15 58	1 9	18 40	0 27	19 14	1 50	19 44	0 15	2 20	1 26	22 33	5 34	0 29	0 2	0 5	9 17	5 57
M 6	16 29	26 32	4 46	17 4	1 46	7 46	1 22	15 46	1 9	18 37	0 27	19 14	1 50	19 44	0 15	2 20	1 26	22 32	5 34	0 32	0 1	0 2	9 15	5 56
T 7	16 13	23 32	4 14	16 26	1 46	7 16	1 20	15 34	1 9	18 34	0 27	19 14	1 50	19 44	0 15	2 19	1 27	22 32	5 34	0 35	0s 0	0s 2	9 13	5 56
W 8	15 56	19 29	3 30	15 47	1 45	6 47	1 19	15 21	1 9	18 30	0 27	19 14	1 50	19 45	0 15	2 19	1 27	22 31	5 34	0 37	0 1	0 5	9 10	5 56
T 9	15 38	14 42	2 38	15 6	1 44	6 17	1 17	15 9	1 9	18 27	0 27	19 15	1 49	19 45	0 15	2 19	1 27	22 31	5 34	0 40	0 3	0 8	9 8	5 56
F 10	15 21	9 25	1 39	14 25	1 42	5 47	1 15	14 56	1 9	18 24	0 27	19 15	1 49	19 45	0 15	2 18	1 27	22 31	5 34	0 41	0 4	0 12	9 6	5 56
S 11	15 3	3 51	0 36	13 43	1 39	5 18	1 14	14 44	1 9	18 20	0 28	19 15	1 49	19 45	0 15	2 18	1 27	22 30	5 34	0 42	0 5	0 15	9 4	5 56
S 12	14 45	1s49	0s29	13 0	1 36	4 47	1 12	14 31	1 9	18 17	0 28	19 16	1 49	19 46	0 15	2 17	1 27	22 30	5 34	0 42	0 6	0 19	9 1	5 56
M13	14 27	7 24	1 32	12 17	1 33	4 17	1 10	14 18	1 9	18 13	0 28	19 16	1 48	19 46	0 15	2 17	1 27	22 29	5 34	0 41	0 8	0 22	8 59	5 56
T 14	14 8	12 46	2 31	11 33	1 29	3 47	1 8	14 5	1 9	18 10	0 28	19 16	1 48	19 46	0 15	2 17	1 27	22 29	5 34	0 41	0 9	0 26	8 57	5 56
W15	13 49	17 43	3 24	10 49	1 24	3 16	1 6	13 52	1 8	18 6	0 28	19 17	1 48	19 46	0 15	2 16	1 27	22 29	5 35	0 40	0 10	0 29	8 54	5 56
T 16	13 30	22 3	4 10	10 4	1 19	2 46	1 4	13 39	1 8	18 3	0 28	19 17	1 48	19 46	0 15	2 16	1 27	22 28	5 35	0 40	0 12	0 33	8 52	5 55
F 17	13 11	25 30	4 45	9 20	1 14	2 15	1 1	13 26	1 8	18 0	0 28	19 17	1 48	19 47	0 15	2 15	1 27	22 28	5 35	0 40	0 13	0 36	8 50	5 55
S 18	12 52	27 48	5 6	8 35	1 8	1 44	0 59	13 13	1 8	17 56	0 28	19 18	1 47	19 47	0 15	2 15	1 27	22 27	5 35	0 41	0 14	0 39	8 47	5 55
S 19	12 32	28 38	5 13	7 50	1 3	1 14	0 57	13 0	1 8	17 53	0 28	19 18	1 47	19 47	0 15	2 14	1 27	22 27	5 35	0 42	0 15	0 43	8 45	5 55
M20	12 12	27 46	5 2	7 5	0 56	0 43	0 54	12 46	1 8	17 49	0 28	19 19	1 47	19 47	0 15	2 14	1 27	22 27	5 35	0 43	0 17	0 46	8 43	5 55
T 21	11 53	25 8	4 34	6 20	0 50	0 12	0 52	12 33	1 8	17 46	0 29	19 19	1 47	19 47	0 15	2 13	1 27	22 26	5 35	0 45	0 18	0 50	8 40	5 55
W22	11 32	20 50	3 46	5 35	0 43	0s19	0 49	12 19	1 8	17 42	0 29	19 19	1 46	19 47	0 15	2 13	1 27	22 26	5 35	0 47	0 19	0 53	8 38	5 55
T 23	11 12	15 10	2 43	4 50	0 36	0 50	0 47	12 6	1 8	17 39	0 29	19 20	1 46	19 48	0 15	2 12	1 27	22 25	5 35	0 48	0 20	0 57	8 35	5 55
F 24	10 52	8 32	1 28	4 6	0 28	1 21	0 44	11 52	1 8	17 35	0 29	19 20	1 46	19 48	0 15	2 12	1 27	22 25	5 35	0 49	0 22	1 0	8 33	5 55
S 25	10 31	1 24	0 7	3 21	0 21	1 52	0 42	11 38	1 8	17 32	0 29	19 21	1 46	19 48	0 15	2 11	1 27	22 25	5 36	0 49	0 23	1 4	8 31	5 55
S 26	10 10	5n46	1n15	2 37	0 13	2 23	0 39	11 24	1 8	17 28	0 29	19 22	1 45	19 48	0 15	2 11	1 27	22 24	5 36	0 49	0 24	1 7	8 28	5 55
M27	9 49	12 31	2 30	1 54	0 5	2 53	0 36	11 10	1 7	17 25	0 29	19 22	1 45	19 48	0 15	2 10	1 27	22 24	5 36	0 48	0 25	1 11	8 26	5 55
T 28	9 28	18 27	3 35	1 10	0s 3	3 24	0 33	10 56	1 7	17 21	0 29	19 23	1 45	19 48	0 15	2 10	1 27	22 24	5 36	0 48	0 27	1 14	8 23	5 55
W29	9 7	23 15	4 25	0 27	0 11	3 55	0 30	10 42	1 7	17 18	0 29	19 23	1 45	19 48	0 15	2 9	1 27	22 23	5 36	0 47	0 28	1 17	8 21	5 55
T 30	8 45	26 37	4 58	0s15	0 19	4 26	0 27	10 28	1 7	17 14	0 30	19 24	1 45	19 48	0 15	2 8	1 27	22 23	5 36	0 47	0 29	1 21	8 18	5 56
F 31	8n24	28n24	5n14	0s58	0s28	4s56	0n24	10n14	1n 7	17n11	0n30	19s24	1n44	19n48	0s15	2n 8	1s27	22n23	5n36	0s48	0s30	1s24	8n16	5s56

Julian Day Number = 2521884.5, Delta T = 155.92 sec
Ecliptic obliquity = 23°25'00, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°25'54, Lahiri = 26°32'54

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2192
geocentric

SEPTEMBER 2192 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 43 50	9♍25'10	4♋58	2♎46	14♎39	6♍56	13♌54	5♐ 4	29♉35	8°R45	12♌39	27°R59	28♓40	2♎49	23♌ 1	S 1
S 2	22 47 47	10°23'11	17°43	4°10	15°51	7°34	14° 7	5° 7	29°35	8♈43	12°40	27♓57	28°37	2°56	23° 9	S 2
M 3	22 51 44	11°21'14	0♌13	5°32	17° 2	8°12	14°19	5° 9	29°35	8°42	12°42	27°55	28°34	3° 2	23°16	M 3
T 4	22 55 40	12°19'18	12°31	6°53	18°14	8°50	14°32	5°12	29°R35	8°40	12°44	27°52	28°31	3° 9	23°24	T 4
W 5	22 59 37	13°17'25	24°38	8°12	19°25	9°29	14°44	5°14	29°35	8°39	12°45	27°50	28°27	3°16	23°31	W 5
T 6	23 3 33	14°15'33	6♍37	9°29	20°36	10° 7	14°56	5°17	29°35	8°37	12°47	27°48	28°24	3°22	23°39	T 6
F 7	23 7 30	15°13'42	18°30	10°45	21°48	10°45	15° 9	5°20	29°35	8°36	12°48	27°48	28°21	3°29	23°46	F 7
S 8	23 11 26	16°11'54	0♎18	11°59	22°59	11°23	15°21	5°23	29°35	8°34	12°50	27°D47	28°18	3°36	23°54	S 8
S 9	23 15 23	17°10'07	12° 5	13°11	24°10	12° 1	15°33	5°26	29°34	8°33	12°51	27°48	28°15	3°42	24° 1	S 9
M10	23 19 19	18° 8'21	23°52	14°21	25°21	12°40	15°45	5°29	29°34	8°31	12°53	27°49	28°12	3°49	24° 8	M10
T 11	23 23 16	19° 6'38	5♏43	15°30	26°32	13°18	15°58	5°32	29°34	8°30	12°54	27°49	28° 8	3°56	24°16	T 11
W12	23 27 12	20° 4'55	17°42	16°36	27°43	13°56	16°10	5°35	29°33	8°28	12°56	27°50	28° 5	4° 2	24°23	W12
T 13	23 31 9	21° 3'15	29°51	17°40	28°54	14°34	16°22	5°39	29°33	8°27	12°57	27°51	28° 2	4° 9	24°30	T 13
F 14	23 35 6	22° 1'36	12♐15	18°42	0♏ 5	15°13	16°34	5°42	29°33	8°25	12°59	27°51	27°59	4°16	24°37	F 14
S 15	23 39 2	22°59'59	24°59	19°41	1°16	15°51	16°46	5°46	29°32	8°24	13° 0	27°R51	27°56	4°22	24°45	S 15
S 16	23 42 59	23°58'23	8♑ 6	20°38	2°27	16°29	16°57	5°49	29°31	8°22	13° 1	27°51	27°53	4°29	24°52	S 16
M17	23 46 55	24°56'49	21°38	21°32	3°38	17° 7	17° 9	5°53	29°31	8°20	13° 3	27°51	27°49	4°36	24°59	M17
T 18	23 50 52	25°55'16	5♒38	22°23	4°49	17°46	17°21	5°57	29°30	8°19	13° 4	27°51	27°46	4°42	25° 6	T 18
W19	23 54 48	26°53'45	20° 4	23°10	5°59	18°24	17°33	6° 0	29°29	8°17	13° 5	27°51	27°43	4°49	25°13	W19
T 20	23 58 45	27°52'15	4♓52	23°55	7°10	19° 2	17°44	6° 4	29°29	8°15	13° 7	27°D51	27°40	4°55	25°20	T 20
F 21	0 2 41	28°50'48	19°57	24°35	8°20	19°40	17°56	6° 8	29°28	8°14	13° 8	27°R51	27°37	5° 2	25°27	F 21
S 22	0 6 38	29°49'22	5♈ 9	25°11	9°31	20°19	18° 7	6°12	29°27	8°12	13° 9	27°51	27°33	5° 9	25°34	S 22
S 23	0 10 35	0♎47'58	20°20	25°43	10°41	20°57	18°18	6°17	29°26	8°11	13°11	27°51	27°30	5°15	25°41	S 23
M24	0 14 31	1°46'36	5♉20	26°10	11°52	21°35	18°30	6°21	29°25	8° 9	13°12	27°50	27°27	5°22	25°48	M24
T 25	0 18 28	2°45'16	20° 2	26°32	13° 2	22°14	18°41	6°25	29°24	8° 7	13°13	27°50	27°24	5°29	25°55	T 25
W26	0 22 24	3°43'59	4♊19	26°49	14°12	22°52	18°52	6°29	29°23	8° 6	13°14	27°49	27°21	5°35	26° 1	W26
T 27	0 26 21	4°42'43	18°10	27° 0	15°22	23°30	19° 3	6°34	29°22	8° 4	13°16	27°49	27°18	5°42	26° 8	T 27
F 28	0 30 17	5°41'30	1♋35	27°R 5	16°32	24° 8	19°14	6°38	29°21	8° 2	13°17	27°D48	27°14	5°49	26°15	F 28
S 29	0 34 14	6°40'20	14°35	27° 3	17°42	24°47	19°25	6°43	29°19	8° 1	13°18	27°48	27°11	5°55	26°21	S 29
S 30	0 38 10	7♎39'11	27♋14	26♎54	18♏52	25♍25	19♌36	6♐48	29♉18	7♈59	13♌19	27♓49	27♓ 8	6♎ 2	26♌28	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n 2	28n33	5n13	1s39	0s36	5s27	0n21	10n 0	1n 7	17n 7	0n30	19s25	1n44	19n48	0s15	2n 7	1s28	22n22	5n36	0s48	0s32	1s28	8n13	5s56
S 2	7 40	27 9	4 57	2 20	0 45	5 57	0 18	9 45	1 7	17 3	0 30	19 26	1 44	19 48	0 15	2 7	1 28	22 22	5 37	0 49	0 33	1 31	8 11	5 56
M 3	7 18	24 26	4 27	3 1	0 53	6 28	0 15	9 31	1 7	17 0	0 30	19 26	1 44	19 48	0 15	2 6	1 28	22 22	5 37	0 50	0 34	1 35	8 8	5 56
T 4	6 56	20 38	3 45	3 41	1 2	6 58	0 12	9 17	1 7	16 56	0 30	19 27	1 43	19 48	0 15	2 6	1 28	22 21	5 37	0 51	0 36	1 38	8 6	5 56
W 5	6 34	16 1	2 53	4 20	1 11	7 28	0 8	9 2	1 6	16 53	0 30	19 28	1 43	19 48	0 15	2 5	1 28	22 21	5 37	0 52	0 37	1 42	8 3	5 56
T 6	6 11	10 51	1 55	4 58	1 20	7 58	0 5	8 48	1 6	16 49	0 30	19 28	1 43	19 48	0 15	2 4	1 28	22 21	5 37	0 52	0 38	1 45	8 1	5 56
F 7	5 49	5 20	0 51	5 36	1 28	8 28	0 2	8 33	1 6	16 46	0 31	19 29	1 43	19 48	0 15	2 4	1 28	22 20	5 37	0 53	0 39	1 48	7 58	5 56
S 8	5 26	0s20	0s14	6 13	1 37	8 57	0s 2	8 18	1 6	16 42	0 31	19 30	1 43	19 48	0 15	2 3	1 28	22 20	5 38	0 53	0 41	1 52	7 56	5 56
S 9	5 4	5 59	1 19	6 50	1 46	9 27	0 5	8 4	1 6	16 39	0 31	19 31	1 42	19 48	0 15	2 3	1 28	22 20	5 38	0 53	0 42	1 55	7 53	5 56
M10	4 41	11 25	2 20	7 25	1 54	9 56	0 9	7 49	1 6	16 35	0 31	19 31	1 42	19 48	0 15	2 2	1 28	22 19	5 38	0 52	0 43	1 59	7 51	5 57
T 11	4 18	16 29	3 15	7 59	2 3	10 25	0 12	7 34	1 6	16 32	0 31	19 32	1 42	19 48	0 15	2 1	1 28	22 19	5 38	0 52	0 44	2 2	7 48	5 57
W12	3 55	20 59	4 3	8 33	2 12	10 54	0 16	7 19	1 6	16 28	0 31	19 33	1 42	19 48	0 15	2 1	1 28	22 19	5 38	0 52	0 46	2 6	7 46	5 57
T 13	3 33	24 40	4 41	9 5	2 20	11 22	0 19	7 4	1 5	16 25	0 31	19 34	1 41	19 48	0 15	2 0	1 28	22 19	5 38	0 51	0 47	2 9	7 43	5 57
F 14	3 10	27 18	5 6	9 36	2 28	11 51	0 23	6 50	1 5	16 21	0 31	19 34	1 41	19 48	0 15	1 59	1 28	22 18	5 38	0 51	0 48	2 13	7 41	5 57
S 15	2 47	28 36	5 17	10 6	2 36	12 19	0 26	6 35	1 5	16 18	0 32	19 35	1 41	19 48	0 15	1 59	1 28	22 18	5 39	0 51	0 49	2 16	7 38	5 57
S 16	2 23	28 22	5 13	10 35	2 44	12 47	0 30	6 20	1 5	16 15	0 32	19 36	1 41	19 47	0 15	1 58	1 28	22 18	5 39	0 51	0 51	2 19	7 36	5 58
M17	2 0	26 28	4 51	11 3	2 52	13 15	0 34	6 5	1 5	16 11	0 32	19 37	1 41	19 47	0 15	1 57	1 28	22 18	5 39	0 51	0 52	2 23	7 33	5 58
T 18	1 37	22 54	4 11	11 28	2 59	13 42	0 37	5 49	1 5	16 8	0 32	19 38	1 40	19 47	0 15	1 57	1 28	22 17	5 39	0 51	0 53	2 26	7 31	5 58
W19	1 14	17 52	3 15	11 53	3 6	14 9	0 41	5 34	1 4	16 4	0 32	19 39	1 40	19 47	0 15	1 56	1 28	22 17	5 39	0 51	0 54	2 30	7 28	5 58
T 20	0 51	11 39	2 4	12 15	3 13	14 36	0 45	5 19	1 4	16 1	0 32	19 40	1 40	19 47	0 15	1 55	1 28	22 17	5 39	0 51	0 56	2 33	7 26	5 58
F 21	0 27	4 39	0 44	12 36	3 19	15 2	0 48	5 4	1 4	15 57	0 32	19 40	1 40	19 47	0 15	1 55	1 28	22 17	5 40	0 51	0 57	2 37	7 23	5 59
S 22	0 4	2n40	0n41	12 55	3 25	15 28	0 52	4 49	1 4	15 54	0 33	19 41	1 40	19 46	0 15	1 54	1 28	22 17	5 40	0 51	0 58	2 40	7 21	5 59
S 23	0s19	9 49	2 2	13 12	3 31	15 54	0 56	4 34	1 4	15 51	0 33	19 42	1 39	19 46	0 15	1 54	1 28	22 16	5 40	0 51	0 59	2 44	7 18	5 59
M24	0 42	16 20	3 14	13 26	3 35	16 19	0 59	4 18	1 4	15 47	0 33	19 43	1 39	19 46	0 15	1 53	1 28	22 16	5 40	0 52	1 1	2 47	7 16	5 59
T 25	1 6	21 46	4 11	13 38	3 39	16 44	1 3	4 3	1 3	15 44	0 33	19 44	1 39	19 46	0 15	1 52	1 28	22 16	5 40	0 52	1 2	2 50	7 13	6 0
W26	1 29	25 45	4 51	13 47	3 43	17 9	1 7	3 48	1 3	15 41	0 33	19 45	1 39	19 46	0 15	1 52	1 28	22 16	5 41	0 52	1 3	2 54	7 11	6 0
T 27	1 52	28 5	5 13	13 54	3 45	17 33	1 11	3 33	1 3	15 37	0 33	19 46	1 39	19 45	0 15	1 51	1 28	22 16	5 41	0 52	1 5	2 57	7 8	6 0
F 28	2 16	28 41	5 17	13 57	3 47	17 57	1 14	3 17	1 3	15 34	0 33	19 47	1 38	19 45	0 15	1 50	1 28	22 15	5 41	0 52	1 6	3 1	7 6	6 1
S 29	2 39	27 39	5 4	13 56	3 47	18 21	1 18	3 2	1 3	15 31	0 34	19 48	1 38	19 45	0 15	1 50	1 28	22 15	5 41	0 52	1 7	3 4	7 3	6 1
S 30	3s 2	25n13	4n37	13s52	3s46	18s44	1s22	2n47	1n 3	15n28	0n34	19s49	1n38	19n45	0s15	1n49	1s28	22n15	5n41	0s52	1s 8	3s 8	7n 1	6s 1

Julian Day Number = 2521915.5, Delta T = 156.00 sec
Ecliptic obliquity = 23°25'01, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°25'58, Lahiri = 26°32'58

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2192
geocentric

OCTOBER 2192 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 42 7	8♎38'05	9♌35	26°R37	20♏ 2	26♍ 4	19♌47	6♐52	29°R17	7°R57	13♌20	27♓50	27♓ 5	6♎ 9	26♌35	M 1
T 2	0 46 4	9°37'01	21°43	26♎14	21°12	26°42	19°57	6°57	29♉16	7♈56	13°21	27°51	27° 2	6°15	26°41	T 2
W 3	0 50 0	10°35'59	3♍40	25°42	22°21	27°20	20° 8	7° 2	29°14	7°54	13°22	27°52	26°58	6°22	26°47	W 3
T 4	0 53 57	11°34'59	15°32	25° 4	23°31	27°59	20°18	7° 7	29°13	7°52	13°23	27°53	26°55	6°28	26°54	T 4
F 5	0 57 53	12°34'02	27°19	24°17	24°41	28°37	20°29	7°12	29°11	7°51	13°24	27°R53	26°52	6°35	27° 0	F 5
S 6	1 1 50	13°33'06	9♎ 6	23°24	25°50	29°15	20°39	7°17	29°10	7°49	13°26	27°53	26°49	6°42	27° 6	S 6
S 7	1 5 46	14°32'13	20°55	22°25	26°59	29°54	20°49	7°22	29° 8	7°47	13°26	27°52	26°46	6°48	27°13	S 7
M 8	1 9 43	15°31'21	2♏47	21°21	28° 9	0♎32	20°59	7°27	29° 7	7°46	13°27	27°50	26°43	6°55	27°19	M 8
T 9	1 13 39	16°30'32	14°45	20°13	29°18	1°11	21° 9	7°33	29° 5	7°44	13°28	27°47	26°39	7° 2	27°25	T 9
W10	1 17 36	17°29'44	26°50	19° 3	0♐27	1°49	21°19	7°38	29° 3	7°42	13°29	27°44	26°36	7° 8	27°31	W10
T 11	1 21 33	18°28'59	9♐ 6	17°52	1°36	2°28	21°29	7°43	29° 2	7°41	13°30	27°41	26°33	7°15	27°37	T 11
F 12	1 25 29	19°28'15	21°34	16°43	2°45	3° 6	21°39	7°49	29° 0	7°39	13°31	27°38	26°30	7°22	27°43	F 12
S 13	1 29 26	20°27'33	4♑19	15°38	3°54	3°45	21°48	7°54	28°58	7°37	13°32	27°36	26°27	7°28	27°49	S 13
S 14	1 33 22	21°26'53	17°21	14°38	5° 3	4°23	21°58	8° 0	28°56	7°36	13°33	27°D35	26°24	7°35	27°54	S 14
M15	1 37 19	22°26'14	0♒45	13°45	6°11	5° 1	22° 7	8° 5	28°54	7°34	13°34	27°35	26°20	7°42	28° 0	M15
T 16	1 41 15	23°25'38	14°32	13° 0	7°20	5°40	22°17	8°11	28°53	7°33	13°34	27°36	26°17	7°48	28° 6	T 16
W17	1 45 12	24°25'02	28°43	12°26	8°28	6°18	22°26	8°17	28°51	7°31	13°35	27°38	26°14	7°55	28°11	W17
T 18	1 49 8	25°24'29	13♓17	12° 2	9°36	6°57	22°35	8°22	28°49	7°30	13°36	27°39	26°11	8° 2	28°17	T 18
F 19	1 53 5	26°23'57	28°10	11°49	10°44	7°35	22°44	8°28	28°47	7°28	13°37	27°R39	26° 8	8° 8	28°22	F 19
S 20	1 57 2	27°23'27	13♈16	11°D47	11°52	8°14	22°53	8°34	28°45	7°26	13°37	27°39	26° 4	8°15	28°28	S 20
S 21	2 0 58	28°23'00	28°26	11°56	13° 0	8°53	23° 1	8°40	28°43	7°25	13°38	27°36	26° 1	8°21	28°33	S 21
M22	2 4 55	29°22'34	13♉31	12°15	14° 8	9°31	23°10	8°46	28°41	7°23	13°39	27°33	25°58	8°28	28°38	M22
T 23	2 8 51	0♏22'10	28°22	12°45	15°16	10°10	23°18	8°52	28°39	7°22	13°39	27°28	25°55	8°35	28°43	T 23
W24	2 12 48	1°21'49	12♊50	13°24	16°23	10°48	23°27	8°58	28°36	7°20	13°40	27°23	25°52	8°41	28°48	W24
T 25	2 16 44	2°21'30	26°52	14°11	17°31	11°27	23°35	9° 4	28°34	7°19	13°40	27°18	25°49	8°48	28°53	T 25
F 26	2 20 41	3°21'13	10♋24	15° 6	18°38	12° 5	23°43	9°10	28°32	7°17	13°41	27°14	25°45	8°55	28°58	F 26
S 27	2 24 37	4°20'58	23°29	16° 8	19°45	12°44	23°51	9°17	28°30	7°16	13°41	27°12	25°42	9° 1	29° 3	S 27
S 28	2 28 34	5°20'45	6♌ 9	17°15	20°52	13°23	23°59	9°23	28°28	7°15	13°42	27°D12	25°39	9° 8	29° 8	S 28
M29	2 32 31	6°20'35	18°29	18°28	21°58	14° 1	24° 6	9°29	28°25	7°13	13°42	27°12	25°36	9°15	29°13	M29
T 30	2 36 27	7°20'27	0♍33	19°46	23° 5	14°40	24°14	9°36	28°23	7°12	13°43	27°14	25°33	9°21	29°17	T 30
W31	2 40 24	8♏20'20	12♍26	21♎ 7	24♐11	15♎19	24♌21	9♐42	28♉21	7♈10	13♌43	27♓15	25♓30	9♎28	29♌22	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	3s25	21n39	3n57	13s44	3s44	19s 6	1s25	2n31	1n 2	15n24	0n34	19s50	1n38	19n44	0s15	1n48	1s28	22n15	5n42	0s52	1s10	3s11	6n58	6s 1
T 2	3 48	17 13	3 8	13 32	3 41	19 28	1 29	2 16	1 2	15 21	0 34	19 51	1 38	19 44	0 15	1 48	1 28	22 15	5 42	0 51	1 11	3 14	6 56	6 2
W 3	4 12	12 10	2 10	13 16	3 35	19 50	1 33	2 0	1 2	15 18	0 34	19 52	1 37	19 44	0 15	1 47	1 28	22 15	5 42	0 51	1 12	3 18	6 54	6 2
T 4	4 35	6 45	1 8	12 55	3 29	20 11	1 36	1 45	1 2	15 15	0 34	19 53	1 37	19 43	0 15	1 46	1 28	22 15	5 42	0 50	1 13	3 21	6 51	6 2
F 5	4 58	1 7	0 3	12 30	3 20	20 32	1 40	1 29	1 2	15 12	0 34	19 54	1 37	19 43	0 15	1 46	1 28	22 14	5 42	0 50	1 15	3 25	6 49	6 3
S 6	5 21	4s33	1s 2	12 1	3 9	20 52	1 44	1 14	1 1	15 9	0 35	19 55	1 37	19 43	0 15	1 45	1 28	22 14	5 43	0 50	1 16	3 28	6 46	6 3
S 7	5 44	10 4	2 4	11 27	2 57	21 12	1 47	0 59	1 1	15 5	0 35	19 56	1 37	19 42	0 15	1 44	1 28	22 14	5 43	0 51	1 17	3 32	6 44	6 3
M 8	6 6	15 16	3 1	10 50	2 43	21 32	1 51	0 43	1 1	15 2	0 35	19 57	1 37	19 42	0 15	1 44	1 28	22 14	5 43	0 52	1 18	3 35	6 41	6 4
T 9	6 29	19 55	3 51	10 9	2 27	21 50	1 54	0 28	1 1	14 59	0 35	19 58	1 36	19 42	0 15	1 43	1 28	22 14	5 43	0 53	1 20	3 38	6 39	6 4
W10	6 52	23 49	4 31	9 27	2 9	22 9	1 58	0 12	1 0	14 56	0 35	19 59	1 36	19 41	0 15	1 42	1 28	22 14	5 43	0 54	1 21	3 42	6 37	6 4
T 11	7 14	26 43	4 59	8 42	1 50	22 26	2 1	0s 3	1 0	14 53	0 35	20 0	1 36	19 41	0 15	1 42	1 28	22 14	5 44	0 55	1 22	3 45	6 34	6 5
F 12	7 37	28 21	5 13	7 57	1 30	22 43	2 4	0 19	1 0	14 50	0 36	20 1	1 36	19 41	0 15	1 41	1 28	22 14	5 44	0 57	1 23	3 49	6 32	6 5
S 13	7 59	28 33	5 13	7 13	1 10	23 0	2 8	0 34	1 0	14 47	0 36	20 2	1 36	19 40	0 15	1 40	1 28	22 14	5 44	0 57	1 25	3 52	6 30	6 6
S 14	8 21	27 11	4 56	6 31	0 49	23 16	2 11	0 50	1 0	14 44	0 36	20 3	1 36	19 40	0 15	1 40	1 28	22 14	5 44	0 58	1 26	3 56	6 27	6 6
M15	8 43	24 16	4 24	5 52	0 29	23 31	2 14	1 5	0 59	14 42	0 36	20 4	1 35	19 39	0 15	1 39	1 28	22 14	5 44	0 58	1 27	3 59	6 25	6 6
T 16	9 5	19 53	3 35	5 16	0 9	23 46	2 18	1 21	0 59	14 39	0 36	20 5	1 35	19 39	0 15	1 39	1 28	22 14	5 45	0 57	1 29	4 2	6 23	6 7
W17	9 27	14 17	2 32	4 45	0n10	24 1	2 21	1 36	0 59	14 36	0 37	20 6	1 35	19 39	0 15	1 38	1 28	22 14	5 45	0 57	1 30	4 6	6 21	6 7
T 18	9 49	7 46	1 18	4 19	0 28	24 14	2 24	1 52	0 59	14 33	0 37	20 7	1 35	19 38	0 15	1 37	1 28	22 14	5 45	0 56	1 31	4 9	6 18	6 8
F 19	10 11	0 41	0n 3	3 59	0 45	24 27	2 27	2 7	0 58	14 30	0 37	20 8	1 35	19 38	0 15	1 37	1 28	22 14	5 45	0 56	1 32	4 13	6 16	6 8
S 20	10 32	6n32	1 25	3 44	1 0	24 40	2 30	2 22	0 58	14 28	0 37	20 9	1 35	19 37	0 15	1 36	1 28	22 14	5 46	0 56	1 34	4 16	6 14	6 8
S 21	10 53	13 25	2 41	3 35	1 13	24 52	2 33	2 38	0 58	14 25	0 37	20 10	1 35	19 37	0 15	1 36	1 28	22 14	5 46	0 57	1 35	4 19	6 12	6 9
M22	11 15	19 27	3 45	3 32	1 25	25 3	2 35	2 53	0 58	14 22	0 37	20 11	1 34	19 36	0 15	1 35	1 28	22 14	5 46	0 59	1 36	4 23	6 9	6 9
T 23	11 35	24 13	4 33	3 34	1 36	25 13	2 38	3 8	0 57	14 20	0 38	20 12	1 34	19 36	0 15	1 34	1 28	22 14	5 46	1 0	1 37	4 26	6 7	6 10
W24	11 56	27 19	5 2	3 41	1 44	25 23	2 41	3 24	0 57	14 17	0 38	20 13	1 34	19 35	0 15	1 34	1 28	22 14	5 46	1 2	1 39	4 30	6 5	6 10
T 25	12 17	28 35	5 12	3 53	1 51	25 33	2 44	3 39	0 57	14 15	0 38	20 15	1 34	19 35	0 15	1 33	1 28	22 14	5 47	1 4	1 40	4 33	6 3	6 11
F 26	12 37	28 3	5 4	4 8	1 57	25 41	2 46	3 54	0 57	14 12	0 38	20 16	1 34	19 35	0 15	1 33	1 28	22 14	5 47	1 6	1 41	4 37	6 1	6 11
S 27	12 57	25 58	4 40	4 28	2 1	25 49	2 48	4 10	0 56	14 10	0 38	20 17	1 34	19 34	0 15	1 32	1 28	22 14	5 47	1 7	1 42	4 40	5 59	6 12
S 28	13 18	22 38	4 3	4 51	2 4	25 57	2 51	4 25	0 56	14 7	0 39	20 18	1 34	19 34	0 15	1 32	1 28	22 14	5 47	1 7	1 44	4 43	5 57	6 12
M29	13 37	18 22	3 16	5 17	2 6	26 3	2 53	4 40	0 56	14 5	0 39	20 19	1 33	19 33	0 15	1 31	1 28	22 14	5 48	1 7	1 45	4 47	5 55	6 13
T 30	13 57	13 27	2 20	5 46	2 7	26 9	2 55	4 55	0 55	14 3	0 39	20 20	1 33	19 33	0 15	1 30	1 28	22 14	5 48	1 6	1 46	4 50	5 53	6 13
W31	14s16	8n 7	1n20	6s16	2n 7	26s15	2s57	5s11	0n55	14n 0	0n39	20s21	1n33	19n32	0s15	1n30	1s28	22n14	5n48	1s 5	1s47	4s54	5n51	6s14

Julian Day Number = 2521945.5, Delta T = 156.08 sec
Ecliptic obliquity = 23°25'01, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°26'02, Lahiri = 26°33'02

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2192
geocentric

NOVEMBER 2192 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 44 20	9♏20'16	24♍14	22♎32	25♐17	15♎57	24♌29	9♐48	28°R19	7°R 9	13♌43	27°R16	25♓26	9♎35	29♌26	T 1
F 2	2 48 17	10°20'15	6♎ 0	23°59	26°24	16°36	24°36	9°55	28♉16	7♈ 8	13°44	27♓16	25°23	9°41	29°30	F 2
S 3	2 52 13	11°20'15	17°49	25°29	27°29	17°15	24°43	10° 1	28°14	7° 6	13°44	27°14	25°20	9°48	29°35	S 3
S 4	2 56 10	12°20'17	29°42	27° 1	28°35	17°54	24°50	10° 8	28°11	7° 5	13°44	27° 9	25°17	9°55	29°39	S 4
M 5	3 0 6	13°20'21	11♏42	28°34	29°40	18°32	24°56	10°14	28° 9	7° 4	13°45	27° 3	25°14	10° 1	29°43	M 5
T 6	3 4 3	14°20'27	23°51	0♏ 8	0♑46	19°11	25° 3	10°21	28° 7	7° 3	13°45	26°54	25°10	10° 8	29°47	T 6
W 7	3 8 0	15°20'35	6♐10	1°43	1°51	19°50	25° 9	10°28	28° 4	7° 1	13°45	26°45	25° 7	10°15	29°51	W 7
T 8	3 11 56	16°20'44	18°40	3°19	2°56	20°29	25°16	10°34	28° 2	7° 0	13°45	26°35	25° 4	10°21	29°55	T 8
F 9	3 15 53	17°20'56	1♑21	4°55	4° 0	21° 7	25°22	10°41	27°59	6°59	13°45	26°27	25° 1	10°28	29°58	F 9
S 10	3 19 49	18°21'09	14°15	6°32	5° 5	21°46	25°28	10°48	27°57	6°58	13°45	26°20	24°58	10°34	0♍ 2	S 10
S 11	3 23 46	19°21'23	27°22	8° 9	6° 9	22°25	25°33	10°55	27°55	6°57	13°46	26°15	24°55	10°41	0° 5	S 11
M12	3 27 42	20°21'39	10♒44	9°46	7°13	23° 4	25°39	11° 1	27°52	6°55	13°46	26°13	24°51	10°48	0° 9	M12
T 13	3 31 39	21°21'56	24°23	11°23	8°16	23°43	25°44	11° 8	27°50	6°54	13°46	26°D13	24°48	10°54	0°12	T 13
W14	3 35 35	22°22'15	8♓20	13° 0	9°19	24°21	25°50	11°15	27°47	6°53	13°R46	26°13	24°45	11° 1	0°15	W14
T 15	3 39 32	23°22'34	22°35	14°37	10°22	25° 0	25°55	11°22	27°45	6°52	13°46	26°R14	24°42	11° 8	0°18	T 15
F 16	3 43 29	24°22'56	7♈ 6	16°14	11°25	25°39	26° 0	11°29	27°42	6°51	13°46	26°14	24°39	11°14	0°22	F 16
S 17	3 47 25	25°23'18	21°51	17°51	12°28	26°18	26° 5	11°36	27°40	6°50	13°46	26°11	24°36	11°21	0°24	S 17
S 18	3 51 22	26°23'43	6♉44	19°28	13°30	26°57	26° 9	11°42	27°37	6°49	13°45	26° 6	24°32	11°28	0°27	S 18
M19	3 55 18	27°24'08	21°37	21° 5	14°31	27°36	26°14	11°49	27°35	6°48	13°45	25°58	24°29	11°34	0°30	M19
T 20	3 59 15	28°24'36	6♊21	22°41	15°33	28°15	26°18	11°56	27°32	6°48	13°45	25°49	24°26	11°41	0°33	T 20
W21	4 3 11	29°25'05	20°48	24°17	16°34	28°54	26°22	12° 3	27°30	6°47	13°45	25°38	24°23	11°48	0°35	W21
T 22	4 7 8	0♐25'35	4♋52	25°53	17°34	29°33	26°26	12°10	27°27	6°46	13°45	25°28	24°20	11°54	0°38	T 22
F 23	4 11 4	1°26'07	18°29	27°28	18°35	0♏12	26°30	12°17	27°25	6°45	13°45	25°19	24°16	12° 1	0°40	F 23
S 24	4 15 1	2°26'41	1♌39	29° 4	19°34	0°51	26°33	12°24	27°22	6°44	13°44	25°13	24°13	12° 8	0°42	S 24
S 25	4 18 58	3°27'17	14°23	0♐39	20°34	1°30	26°37	12°31	27°20	6°44	13°44	25° 9	24°10	12°14	0°44	S 25
M26	4 22 54	4°27'54	26°46	2°14	21°33	2° 9	26°40	12°38	27°17	6°43	13°44	25° 7	24° 7	12°21	0°46	M26
T 27	4 26 51	5°28'33	8♍51	3°49	22°31	2°48	26°43	12°46	27°15	6°42	13°43	25°D 7	24° 4	12°28	0°48	T 27
W28	4 30 47	6°29'14	20°44	5°24	23°30	3°27	26°46	12°53	27°12	6°41	13°43	25°R 7	24° 1	12°34	0°50	W28
T 29	4 34 44	7°29'56	2♎32	6°59	24°27	4° 6	26°49	13° 0	27°10	6°41	13°43	25° 7	23°57	12°41	0°52	T 29
F 30	4 38 40	8♐30'39	14♎19	8♐33	25♑24	4♏45	26♌51	13♐ 7	27♉ 7	6♈40	13♌42	25♓ 5	23♓54	12♎48	0♍53	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s35	2n32	0n17	6s49	2n 6	26s19	2s59	5s26	0n55	13n58	0n39	20s22	1n33	19n32	0s15	1n29	1s28	22n15	5n48	1s 5	1s49	4s57	5n49	6s14
F 2	14 54	3s 6	0s47	7 22	2 4	26 23	3 1	5 41	0 55	13 56	0 40	20 23	1 33	19 31	0 15	1 29	1 28	22 15	5 48	1 5	1 50	5 0	5 47	6 15
S 3	15 13	8 40	1 49	7 57	2 2	26 27	3 3	5 56	0 54	13 54	0 40	20 24	1 33	19 31	0 15	1 28	1 28	22 15	5 49	1 6	1 51	5 4	5 45	6 15
S 4	15 32	13 57	2 46	8 33	1 59	26 29	3 5	6 11	0 54	13 52	0 40	20 25	1 33	19 30	0 15	1 28	1 28	22 15	5 49	1 8	1 52	5 7	5 43	6 16
M 5	15 50	18 46	3 37	9 10	1 55	26 31	3 6	6 26	0 54	13 50	0 40	20 26	1 33	19 29	0 15	1 27	1 28	22 15	5 49	1 11	1 54	5 11	5 41	6 16
T 6	16 8	22 53	4 18	9 47	1 51	26 33	3 8	6 41	0 53	13 48	0 40	20 27	1 32	19 29	0 15	1 27	1 28	22 15	5 49	1 14	1 55	5 14	5 39	6 17
W 7	16 25	26 2	4 47	10 24	1 46	26 33	3 9	6 56	0 53	13 46	0 41	20 28	1 32	19 28	0 15	1 27	1 28	22 15	5 50	1 18	1 56	5 17	5 37	6 17
T 8	16 43	27 59	5 4	11 1	1 41	26 33	3 10	7 11	0 53	13 44	0 41	20 29	1 32	19 28	0 15	1 26	1 28	22 16	5 50	1 21	1 57	5 21	5 35	6 18
F 9	17 0	28 30	5 5	11 39	1 36	26 33	3 11	7 25	0 52	13 42	0 41	20 30	1 32	19 27	0 15	1 26	1 28	22 16	5 50	1 25	1 59	5 24	5 34	6 18
S 10	17 17	27 30	4 52	12 16	1 30	26 31	3 12	7 40	0 52	13 40	0 41	20 31	1 32	19 27	0 15	1 25	1 28	22 16	5 50	1 27	2 0	5 28	5 32	6 19
S 11	17 33	24 58	4 23	12 53	1 24	26 29	3 13	7 55	0 52	13 38	0 41	20 33	1 32	19 26	0 15	1 25	1 28	22 16	5 51	1 29	2 1	5 31	5 30	6 19
M12	17 49	21 2	3 39	13 29	1 18	26 27	3 14	8 10	0 52	13 37	0 42	20 34	1 32	19 26	0 15	1 24	1 28	22 16	5 51	1 30	2 3	5 34	5 28	6 20
T 13	18 5	15 56	2 42	14 6	1 12	26 24	3 14	8 24	0 51	13 35	0 42	20 35	1 32	19 25	0 15	1 24	1 28	22 17	5 51	1 30	2 4	5 38	5 27	6 21
W14	18 21	9 54	1 35	14 41	1 5	26 20	3 15	8 39	0 51	13 33	0 42	20 36	1 32	19 25	0 15	1 24	1 27	22 17	5 51	1 30	2 5	5 41	5 25	6 21
T 15	18 36	3 15	0 20	15 16	0 59	26 15	3 15	8 53	0 51	13 32	0 42	20 37	1 31	19 24	0 15	1 23	1 27	22 17	5 51	1 30	2 6	5 45	5 24	6 22
F 16	18 51	3n42	0n58	15 51	0 52	26 10	3 15	9 8	0 50	13 30	0 43	20 38	1 31	19 23	0 15	1 23	1 27	22 17	5 52	1 30	2 8	5 48	5 22	6 22
S 17	19 6	10 33	2 13	16 25	0 45	26 4	3 15	9 22	0 50	13 29	0 43	20 39	1 31	19 23	0 15	1 22	1 27	22 17	5 52	1 31	2 9	5 51	5 20	6 23
S 18	19 20	16 53	3 19	16 58	0 39	25 58	3 15	9 36	0 49	13 28	0 43	20 40	1 31	19 22	0 15	1 22	1 27	22 18	5 52	1 33	2 10	5 55	5 19	6 23
M19	19 34	22 11	4 11	17 30	0 32	25 51	3 15	9 51	0 49	13 26	0 43	20 41	1 31	19 22	0 15	1 22	1 27	22 18	5 52	1 36	2 11	5 58	5 17	6 24
T 20	19 47	26 3	4 46	18 1	0 25	25 44	3 14	10 5	0 49	13 25	0 43	20 42	1 31	19 21	0 15	1 21	1 27	22 18	5 53	1 40	2 13	6 1	5 16	6 25
W21	20 0	28 7	5 2	18 32	0 18	25 36	3 14	10 19	0 48	13 24	0 44	20 43	1 31	19 21	0 15	1 21	1 27	22 18	5 53	1 44	2 14	6 5	5 15	6 25
T 22	20 13	28 19	4 59	19 2	0 11	25 27	3 13	10 33	0 48	13 23	0 44	20 44	1 31	19 20	0 15	1 21	1 27	22 19	5 53	1 48	2 15	6 8	5 13	6 26
F 23	20 26	26 45	4 39	19 30	0 4	25 18	3 12	10 47	0 48	13 22	0 44	20 45	1 31	19 20	0 15	1 21	1 27	22 19	5 53	1 51	2 16	6 12	5 12	6 26
S 24	20 38	23 45	4 5	19 58	0s 2	25 8	3 11	11 1	0 47	13 21	0 44	20 46	1 31	19 19	0 15	1 20	1 27	22 19	5 54	1 54	2 18	6 15	5 10	6 27
S 25	20 50	19 40	3 19	20 25	0 9	24 58	3 9	11 15	0 47	13 20	0 45	20 47	1 31	19 18	0 15	1 20	1 27	22 20	5 54	1 56	2 19	6 18	5 9	6 28
M26	21 1	14 51	2 25	20 51	0 16	24 47	3 8	11 29	0 47	13 19	0 45	20 48	1 31	19 18	0 15	1 20	1 27	22 20	5 54	1 56	2 20	6 22	5 8	6 28
T 27	21 12	9 34	1 26	21 16	0 23	24 36	3 6	11 42	0 46	13 18	0 45	20 49	1 31	19 17	0 14	1 20	1 27	22 20	5 54	1 56	2 21	6 25	5 7	6 29
W28	21 22	4 1	0 23	21 40	0 29	24 24	3 4	11 56	0 46	13 17	0 45	20 50	1 30	19 17	0 14	1 19	1 27	22 21	5 54	1 56	2 23	6 28	5 6	6 29
T 29	21 32	1s37	0s39	22 2	0 35	24 12	3 2	12 10	0 45	13 17	0 45	20 51	1 30	19 16	0 14	1 19	1 27	22 21	5 55	1 56	2 24	6 32	5 4	6 30
F 30	21s42	7s11	1s40	22s24	0s42	23s59	3s 0	12s23	0n45	13n16	0n46	20s51	1n30	19n16	0s14	1n19	1s27	22n21	5n55	1s57	2s25	6s35	5n 3	6s30

Julian Day Number = 2521976.5, Delta T = 156.16 sec
Ecliptic obliquity = 23°25'00, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°26'06, Lahiri = 26°33'07

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2192
geocentric

DECEMBER 2192 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 42 37	9♐31'25	26♎10	10♐ 7	26♑21	5♏24	26♌54	13♐14	27°R 5	6°R40	13°R42	25°R 1	23♓51	12♎54	0♍55	S 1
S 2	4 46 33	10°32'11	8♏ 8	11°42	27°17	6° 3	26°56	13°21	27♉ 2	6♈39	13♌41	24♓54	23°48	13° 1	0°56	S 2
M 3	4 50 30	11°32'59	20°18	13°16	28°13	6°42	26°58	13°28	27° 0	6°39	13°41	24°44	23°45	13° 7	0°57	M 3
T 4	4 54 27	12°33'49	2♐40	14°50	29° 8	7°21	26°59	13°35	26°58	6°38	13°40	24°32	23°42	13°14	0°58	T 4
W 5	4 58 23	13°34'40	15°16	16°24	0♒ 2	8° 0	27° 1	13°42	26°55	6°38	13°40	24°18	23°38	13°21	0°59	W 5
T 6	5 2 20	14°35'32	28° 5	17°58	0°56	8°40	27° 2	13°49	26°53	6°37	13°39	24° 4	23°35	13°27	1° 0	T 6
F 7	5 6 16	15°36'24	11♑ 7	19°32	1°49	9°19	27° 3	13°56	26°51	6°37	13°38	23°51	23°32	13°34	1° 1	F 7
S 8	5 10 13	16°37'18	24°20	21° 6	2°41	9°58	27° 4	14° 4	26°48	6°37	13°38	23°41	23°29	13°41	1° 2	S 8
S 9	5 14 9	17°38'13	7♒44	22°40	3°33	10°37	27° 5	14°11	26°46	6°36	13°37	23°33	23°26	13°47	1° 2	S 9
M10	5 18 6	18°39'09	21°17	24°14	4°24	11°16	27° 6	14°18	26°44	6°36	13°37	23°28	23°22	13°54	1° 3	M10
T 11	5 22 3	19°40'05	5♓ 0	25°48	5°14	11°56	27° 6	14°25	26°41	6°36	13°36	23°26	23°19	14° 1	1° 3	T 11
W12	5 25 59	20°41'01	18°52	27°22	6° 3	12°35	27°R 6	14°32	26°39	6°36	13°35	23°26	23°16	14° 7	1° 3	W12
T 13	5 29 56	21°41'59	2♈55	28°56	6°52	13°14	27° 6	14°39	26°37	6°35	13°34	23°26	23°13	14°14	1° 4	T 13
F 14	5 33 52	22°42'56	17° 8	0♉30	7°40	13°53	27° 6	14°46	26°35	6°35	13°34	23°24	23°10	14°21	1°R 4	F 14
S 15	5 37 49	23°43'55	1♉29	2° 4	8°26	14°33	27° 6	14°53	26°33	6°35	13°33	23°21	23° 7	14°27	1° 3	S 15
S 16	5 41 45	24°44'54	15°55	3°38	9°12	15°12	27° 5	15° 0	26°30	6°35	13°32	23°15	23° 3	14°34	1° 3	S 16
M17	5 45 42	25°45'54	0♊22	5°13	9°57	15°51	27° 4	15° 7	26°28	6°D35	13°31	23° 6	23° 0	14°41	1° 3	M17
T 18	5 49 38	26°46'54	14°44	6°47	10°40	16°30	27° 3	15°14	26°26	6°35	13°30	22°54	22°57	14°47	1° 3	T 18
W19	5 53 35	27°47'55	28°54	8°21	11°23	17°10	27° 2	15°21	26°24	6°35	13°29	22°41	22°54	14°54	1° 2	W19
T 20	5 57 32	28°48'57	12♋47	9°55	12° 5	17°49	27° 1	15°28	26°22	6°35	13°29	22°29	22°51	15° 1	1° 1	T 20
F 21	6 1 28	29°49'59	26°18	11°29	12°45	18°28	26°59	15°35	26°20	6°35	13°28	22°18	22°48	15° 7	1° 1	F 21
S 22	6 5 25	0♑51'02	9♌25	13° 3	13°24	19° 8	26°57	15°42	26°18	6°36	13°27	22° 9	22°44	15°14	1° 0	S 22
S 23	6 9 21	1°52'06	22°10	14°37	14° 2	19°47	26°55	15°49	26°16	6°36	13°26	22° 3	22°41	15°21	0°59	S 23
M24	6 13 18	2°53'11	4♍34	16°11	14°38	20°26	26°53	15°56	26°15	6°36	13°25	22° 0	22°38	15°27	0°58	M24
T 25	6 17 14	3°54'16	16°42	17°44	15°14	21° 6	26°51	16° 3	26°13	6°36	13°24	21°58	22°35	15°34	0°57	T 25
W26	6 21 11	4°55'22	28°37	19°17	15°47	21°45	26°48	16°10	26°11	6°37	13°23	21°D58	22°32	15°41	0°55	W26
T 27	6 25 7	5°56'28	10♎26	20°50	16°20	22°25	26°45	16°16	26° 9	6°37	13°22	21°R58	22°28	15°47	0°54	T 27
F 28	6 29 4	6°57'35	22°14	22°22	16°50	23° 4	26°43	16°23	26° 7	6°37	13°21	21°57	22°25	15°54	0°52	F 28
S 29	6 33 1	7°58'43	4♏ 7	23°53	17°20	23°44	26°39	16°30	26° 6	6°38	13°20	21°54	22°22	16° 1	0°51	S 29
S 30	6 36 57	8°59'52	16° 9	25°23	17°47	24°23	26°36	16°37	26° 4	6°38	13°18	21°48	22°19	16° 7	0°49	S 30
M31	6 40 54	10♑ 1'01	28♏24	26♑53	18♒13	25♏ 3	26♌33	16♐44	26♉ 2	6♈39	13♌17	21♓40	22♓16	16♎14	0♍47	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s51	12s32	2s37	22s44	0s48	23s46	2s57	12s36	0n45	13n15	0n46	20s52	1n30	19n15	0s14	1n19	1s27	22n22	5n55	1s59	2s26	6s39	5n 2	6s31
S 2	22 0	17 28	3 27	23 4	0 54	23 32	2 55	12 50	0 44	13 15	0 46	20 53	1 30	19 15	0 14	1 19	1 27	22 22	5 55	2 1	2 28	6 42	5 1	6 32
M 3	22 9	21 48	4 9	23 22	1 0	23 18	2 52	13 3	0 44	13 14	0 46	20 54	1 30	19 14	0 14	1 18	1 27	22 22	5 56	2 5	2 29	6 45	5 0	6 32
T 4	22 17	25 14	4 39	23 39	1 6	23 4	2 49	13 16	0 43	13 14	0 47	20 55	1 30	19 14	0 14	1 18	1 27	22 23	5 56	2 10	2 30	6 49	4 59	6 33
W 5	22 24	27 31	4 56	23 55	1 12	22 49	2 45	13 29	0 43	13 14	0 47	20 56	1 30	19 13	0 14	1 18	1 27	22 23	5 56	2 16	2 31	6 52	4 58	6 33
T 6	22 32	28 24	4 59	24 9	1 17	22 34	2 42	13 42	0 43	13 14	0 47	20 57	1 30	19 13	0 14	1 18	1 27	22 23	5 56	2 21	2 33	6 55	4 57	6 34
F 7	22 38	27 43	4 47	24 22	1 22	22 18	2 38	13 55	0 42	13 13	0 47	20 58	1 30	19 12	0 14	1 18	1 27	22 24	5 56	2 26	2 34	6 59	4 57	6 35
S 8	22 45	25 28	4 19	24 34	1 28	22 2	2 34	14 8	0 42	13 13	0 48	20 59	1 30	19 11	0 14	1 18	1 27	22 24	5 57	2 30	2 35	7 2	4 56	6 35
S 9	22 51	21 48	3 36	24 45	1 32	21 46	2 30	14 20	0 41	13 13	0 48	21 0	1 30	19 11	0 14	1 18	1 27	22 25	5 57	2 34	2 36	7 5	4 55	6 36
M10	22 56	16 56	2 41	24 55	1 37	21 29	2 25	14 33	0 41	13 13	0 48	21 0	1 30	19 10	0 14	1 18	1 27	22 25	5 57	2 35	2 38	7 9	4 54	6 36
T 11	23 1	11 9	1 36	25 3	1 42	21 13	2 20	14 45	0 40	13 13	0 48	21 1	1 30	19 10	0 14	1 18	1 26	22 25	5 57	2 36	2 39	7 12	4 54	6 37
W12	23 5	4 46	0 24	25 9	1 46	20 56	2 15	14 58	0 40	13 14	0 49	21 2	1 30	19 9	0 14	1 18	1 26	22 26	5 57	2 36	2 40	7 15	4 53	6 38
T 13	23 9	1n56	0n50	25 15	1 50	20 38	2 10	15 10	0 40	13 14	0 49	21 3	1 30	19 9	0 14	1 18	1 26	22 26	5 58	2 36	2 41	7 19	4 52	6 38
F 14	23 13	8 36	2 2	25 19	1 54	20 21	2 5	15 22	0 39	13 14	0 49	21 4	1 30	19 8	0 14	1 18	1 26	22 27	5 58	2 37	2 43	7 22	4 52	6 39
S 15	23 16	14 53	3 6	25 21	1 57	20 3	1 59	15 34	0 39	13 14	0 49	21 5	1 30	19 8	0 14	1 18	1 26	22 27	5 58	2 38	2 44	7 25	4 51	6 39
S 16	23 19	20 24	3 59	25 22	2 0	19 45	1 53	15 46	0 38	13 15	0 50	21 5	1 30	19 7	0 14	1 18	1 26	22 27	5 58	2 41	2 45	7 29	4 51	6 40
M17	23 21	24 43	4 37	25 22	2 3	19 27	1 46	15 58	0 38	13 15	0 50	21 6	1 30	19 7	0 14	1 18	1 26	22 28	5 58	2 44	2 46	7 32	4 50	6 41
T 18	23 23	27 28	4 57	25 20	2 6	19 8	1 40	16 10	0 37	13 16	0 50	21 7	1 30	19 7	0 14	1 18	1 26	22 28	5 59	2 49	2 48	7 35	4 50	6 41
W19	23 24	28 23	4 58	25 17	2 8	18 50	1 33	16 21	0 37	13 17	0 50	21 8	1 29	19 6	0 14	1 18	1 26	22 29	5 59	2 54	2 49	7 39	4 50	6 42
T 20	23 25	27 29	4 42	25 12	2 10	18 31	1 26	16 33	0 36	13 17	0 51	21 9	1 29	19 6	0 14	1 18	1 26	22 29	5 59	2 59	2 50	7 42	4 49	6 42
F 21	23 25	24 57	4 10	25 6	2 12	18 13	1 18	16 44	0 36	13 18	0 51	21 9	1 29	19 5	0 14	1 18	1 26	22 30	5 59	3 3	2 51	7 45	4 49	6 43
S 22	23 25	21 10	3 25	24 59	2 13	17 54	1 10	16 55	0 35	13 19	0 51	21 10	1 29	19 5	0 14	1 18	1 26	22 30	5 59	3 7	2 53	7 49	4 49	6 43
S 23	23 24	16 29	2 31	24 49	2 13	17 36	1 2	17 6	0 35	13 20	0 51	21 11	1 29	19 4	0 14	1 18	1 26	22 31	6 0	3 9	2 54	7 52	4 49	6 44
M24	23 23	11 14	1 31	24 39	2 14	17 17	0 54	17 17	0 34	13 21	0 52	21 12	1 29	19 4	0 14	1 18	1 26	22 31	6 0	3 10	2 55	7 55	4 49	6 44
T 25	23 22	5 41	0 28	24 27	2 13	16 58	0 45	17 28	0 34	13 22	0 52	21 12	1 29	19 3	0 14	1 18	1 26	22 32	6 0	3 11	2 57	7 59	4 49	6 45
W26	23 20	0 1	0s35	24 13	2 13	16 39	0 36	17 39	0 33	13 23	0 52	21 13	1 29	19 3	0 14	1 18	1 26	22 32	6 0	3 11	2 58	8 2	4 48	6 46
T 27	23 17	5s36	1 36	23 58	2 11	16 21	0 26	17 50	0 33	13 24	0 52	21 14	1 29	19 3	0 14	1 19	1 26	22 32	6 0	3 11	2 59	8 5	4 48	6 46
F 28	23 14	11 1	2 33	23 41	2 9	16 2	0 17	18 0	0 32	13 25	0 53	21 14	1 29	19 2	0 14	1 19	1 26	22 33	6 0	3 11	3 0	8 9	4 49	6 47
S 29	23 11	16 4	3 24	23 23	2 7	15 44	0 7	18 11	0 32	13 27	0 53	21 15	1 29	19 2	0 14	1 19	1 26	22 33	6 1	3 13	3 2	8 12	4 49	6 47
S 30	23 7	20 35	4 6	23 4	2 4	15 26	0n 4	18 21	0 31	13 28	0 53	21 16	1 29	19 2	0 14	1 19	1 26	22 34	6 1	3 15	3 3	8 15	4 49	6 48
M31	23s 2	24s18	4s38	22s43	2s 0	15s 7	0n15	18s31	0n31	13n29	0n53	21s16	1n29	19n 1	0s14	1n19	1s26	22n34	6n 1	3s18	3s 4	8s19	4n49	6s48

Julian Day Number = 2522006.5, Delta T = 156.23 sec
Ecliptic obliquity = 23°25'00, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°26'10, Lahiri = 26°33'11

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2193
geocentric

JANUARY 2193 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 44 50	11♑ 2'10	10♐57	28♑20	18♒37	25♏42	26°R29	16♐50	26°R 1	6♈39	13°R16	21°R29	22♓13	16♎21	0°R45	T 1
W 2	6 48 47	12° 3'20	23°47	29°46	18°59	26°22	26♌25	16°57	25♉59	6°40	13♌15	21♓17	22° 9	16°27	0♍43	W 2
T 3	6 52 43	13° 4'30	6♑55	1♒11	19°19	27° 1	26°21	17° 4	25°58	6°40	13°14	21° 4	22° 6	16°34	0°41	T 3
F 4	6 56 40	14° 5'40	20°19	2°32	19°38	27°41	26°17	17°10	25°56	6°41	13°13	20°53	22° 3	16°40	0°39	F 4
S 5	7 0 36	15° 6'50	3♒57	3°51	19°54	28°20	26°12	17°17	25°55	6°41	13°12	20°43	22° 0	16°47	0°37	S 5
S 6	7 4 33	16° 8'00	17°46	5° 6	20° 8	29° 0	26° 8	17°23	25°54	6°42	13°10	20°36	21°57	16°54	0°34	S 6
M 7	7 8 30	17° 9'10	1♓43	6°18	20°20	29°39	26° 3	17°30	25°52	6°43	13° 9	20°32	21°54	17° 0	0°32	M 7
T 8	7 12 26	18°10'20	15°44	7°25	20°30	0♐19	25°58	17°36	25°51	6°43	13° 8	20°D30	21°50	17° 7	0°29	T 8
W 9	7 16 23	19°11'29	29°48	8°26	20°37	0°58	25°53	17°43	25°50	6°44	13° 7	20°30	21°47	17°14	0°26	W 9
T 10	7 20 19	20°12'38	13♈53	9°21	20°42	1°38	25°48	17°49	25°49	6°45	13° 5	20°R31	21°44	17°20	0°24	T 10
F 11	7 24 16	21°13'46	27°59	10°10	20°45	2°18	25°43	17°55	25°47	6°46	13° 4	20°31	21°41	17°27	0°21	F 11
S 12	7 28 12	22°14'54	12♉ 5	10°50	20°R45	2°57	25°37	18° 2	25°46	6°47	13° 3	20°29	21°38	17°34	0°18	S 12
S 13	7 32 9	23°16'02	26° 8	11°22	20°43	3°37	25°31	18° 8	25°45	6°48	13° 2	20°25	21°34	17°40	0°15	S 13
M14	7 36 6	24°17'09	10♊ 8	11°43	20°38	4°17	25°26	18°14	25°44	6°49	13° 0	20°18	21°31	17°47	0°12	M14
T 15	7 40 2	25°18'15	24° 1	11°55	20°30	4°56	25°20	18°20	25°43	6°50	12°59	20°10	21°28	17°54	0° 8	T 15
W16	7 43 59	26°19'21	7♋43	11°R55	20°21	5°36	25°14	18°26	25°43	6°51	12°58	20° 0	21°25	18° 0	0° 5	W16
T 17	7 47 55	27°20'27	21°13	11°44	20° 8	6°15	25° 7	18°33	25°42	6°52	12°56	19°51	21°22	18° 7	0° 2	T 17
F 18	7 51 52	28°21'32	4♌26	11°21	19°53	6°55	25° 1	18°39	25°41	6°53	12°55	19°42	21°19	18°14	29♌58	F 18
S 19	7 55 48	29°22'36	17°21	10°46	19°36	7°35	24°54	18°45	25°40	6°54	12°54	19°36	21°15	18°20	29°55	S 19
S 20	7 59 45	0♒23'40	29°58	10° 0	19°16	8°15	24°48	18°50	25°40	6°55	12°52	19°31	21°12	18°27	29°51	S 20
M21	8 3 41	1°24'44	12♍19	9° 5	18°54	8°54	24°41	18°56	25°39	6°56	12°51	19°29	21° 9	18°34	29°47	M21
T 22	8 7 38	2°25'47	24°25	8° 0	18°30	9°34	24°34	19° 2	25°38	6°57	12°50	19°D29	21° 6	18°40	29°44	T 22
W23	8 11 35	3°26'50	6♎21	6°50	18° 3	10°14	24°27	19° 8	25°38	6°58	12°48	19°30	21° 3	18°47	29°40	W23
T 24	8 15 31	4°27'53	18°11	5°34	17°35	10°53	24°20	19°14	25°37	7° 0	12°47	19°31	21° 0	18°54	29°36	T 24
F 25	8 19 28	5°28'55	29°59	4°17	17° 5	11°33	24°13	19°19	25°37	7° 1	12°46	19°R33	20°56	19° 0	29°32	F 25
S 26	8 23 24	6°29'57	11♏53	3° 0	16°33	12°13	24° 6	19°25	25°36	7° 2	12°44	19°33	20°53	19° 7	29°28	S 26
S 27	8 27 21	7°30'58	23°55	1°46	15°59	12°53	23°59	19°30	25°36	7° 4	12°43	19°31	20°50	19°14	29°24	S 27
M28	8 31 17	8°31'59	6♐12	0°36	15°25	13°33	23°51	19°36	25°36	7° 5	12°41	19°28	20°47	19°20	29°20	M28
T 29	8 35 14	9°32'59	18°47	29♑33	14°50	14°12	23°44	19°41	25°36	7° 6	12°40	19°22	20°44	19°27	29°16	T 29
W30	8 39 10	10°33'59	1♑43	28°36	14°13	14°52	23°36	19°47	25°35	7° 8	12°39	19°16	20°40	19°34	29°12	W30
T 31	8 43 7	11♒34'58	15♑ 2	27♑48	13♒37	15♐32	23♌29	19♐52	25♉35	7♈ 9	12♌37	19♓ 9	20♓37	19♎40	29♌ 7	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s58	26s58	4s57	22s22	1s56	14s49	0n26	18s41	0n30	13n31	0n53	21s17	1n29	19n 1	0s14	1n20	1s26	22n35	6n 1	3s22	3s 5	8s22	4n49	6s49
W 2	22 52	28 17	5 2	21 59	1 50	14 32	0 37	18 51	0 30	13 32	0 54	21 18	1 29	19 0	0 14	1 20	1 26	22 35	6 1	3 27	3 7	8 25	4 49	6 49
T 3	22 47	28 4	4 51	21 34	1 44	14 14	0 49	19 0	0 29	13 34	0 54	21 18	1 29	19 0	0 14	1 20	1 25	22 36	6 1	3 32	3 8	8 29	4 50	6 50
F 4	22 40	26 13	4 24	21 9	1 37	13 57	1 1	19 10	0 28	13 36	0 54	21 19	1 29	19 0	0 14	1 20	1 25	22 36	6 2	3 37	3 9	8 32	4 50	6 50
S 5	22 34	22 50	3 41	20 43	1 29	13 40	1 14	19 19	0 28	13 37	0 54	21 20	1 29	19 0	0 14	1 21	1 25	22 37	6 2	3 41	3 10	8 35	4 50	6 50
S 6	22 27	18 7	2 45	20 17	1 21	13 24	1 26	19 28	0 27	13 39	0 55	21 20	1 29	18 59	0 14	1 21	1 25	22 37	6 2	3 43	3 12	8 39	4 51	6 51
M 7	22 19	12 23	1 38	19 50	1 11	13 7	1 39	19 37	0 27	13 41	0 55	21 21	1 29	18 59	0 14	1 21	1 25	22 38	6 2	3 45	3 13	8 42	4 51	6 51
T 8	22 11	6 1	0 25	19 22	1 0	12 52	1 53	19 46	0 26	13 43	0 55	21 21	1 29	18 59	0 14	1 22	1 25	22 38	6 2	3 46	3 14	8 45	4 52	6 52
W 9	22 3	0n40	0n49	18 55	0 48	12 36	2 6	19 55	0 26	13 45	0 55	21 22	1 29	18 58	0 14	1 22	1 25	22 39	6 2	3 45	3 15	8 48	4 52	6 52
T 10	21 54	7 20	2 2	18 28	0 36	12 22	2 20	20 4	0 25	13 47	0 55	21 22	1 29	18 58	0 14	1 22	1 25	22 39	6 3	3 45	3 17	8 52	4 53	6 53
F 11	21 45	13 39	3 6	18 2	0 22	12 7	2 35	20 12	0 24	13 49	0 56	21 23	1 29	18 58	0 14	1 23	1 25	22 40	6 3	3 45	3 18	8 55	4 53	6 53
S 12	21 35	19 15	4 0	17 36	0 7	11 53	2 49	20 20	0 24	13 51	0 56	21 24	1 29	18 58	0 14	1 23	1 25	22 40	6 3	3 46	3 19	8 58	4 54	6 53
S 13	21 25	23 47	4 39	17 13	0n 9	11 40	3 4	20 29	0 23	13 53	0 56	21 24	1 30	18 57	0 14	1 24	1 25	22 41	6 3	3 48	3 20	9 2	4 55	6 54
M14	21 14	26 54	5 1	16 50	0 26	11 28	3 19	20 37	0 22	13 55	0 56	21 25	1 30	18 57	0 14	1 24	1 25	22 41	6 3	3 50	3 22	9 5	4 56	6 54
T 15	21 3	28 21	5 5	16 30	0 44	11 16	3 34	20 44	0 22	13 57	0 57	21 25	1 30	18 57	0 14	1 24	1 25	22 42	6 3	3 54	3 23	9 8	4 56	6 54
W16	20 52	28 2	4 51	16 13	1 2	11 4	3 49	20 52	0 21	13 59	0 57	21 26	1 30	18 57	0 14	1 25	1 25	22 42	6 3	3 57	3 24	9 11	4 57	6 55
T 17	20 40	26 3	4 21	15 58	1 20	10 54	4 4	21 0	0 21	14 2	0 57	21 26	1 30	18 57	0 14	1 25	1 25	22 43	6 3	4 1	3 25	9 15	4 58	6 55
F 18	20 28	22 40	3 38	15 46	1 39	10 44	4 19	21 7	0 20	14 4	0 57	21 27	1 30	18 56	0 14	1 26	1 25	22 43	6 4	4 4	3 27	9 18	4 59	6 55
S 19	20 16	18 14	2 44	15 38	1 57	10 35	4 34	21 14	0 19	14 6	0 57	21 27	1 30	18 56	0 14	1 26	1 25	22 44	6 4	4 7	3 28	9 21	5 0	6 56
S 20	20 3	13 5	1 43	15 33	2 15	10 27	4 49	21 21	0 19	14 9	0 58	21 27	1 30	18 56	0 14	1 27	1 25	22 44	6 4	4 9	3 29	9 25	5 1	6 56
M21	19 50	7 32	0 39	15 32	2 32	10 19	5 4	21 28	0 18	14 11	0 58	21 28	1 30	18 56	0 14	1 27	1 25	22 45	6 4	4 10	3 30	9 28	5 2	6 56
T 22	19 36	1 48	0s27	15 33	2 47	10 13	5 19	21 35	0 17	14 14	0 58	21 28	1 30	18 56	0 14	1 28	1 25	22 45	6 4	4 10	3 32	9 31	5 3	6 57
W23	19 22	3s54	1 30	15 38	3 1	10 7	5 33	21 41	0 17	14 16	0 58	21 29	1 30	18 56	0 14	1 28	1 25	22 46	6 4	4 9	3 33	9 34	5 4	6 57
T 24	19 8	9 25	2 29	15 45	3 12	10 2	5 47	21 48	0 16	14 19	0 58	21 29	1 30	18 56	0 14	1 29	1 25	22 46	6 4	4 9	3 34	9 38	5 5	6 57
F 25	18 53	14 36	3 22	15 55	3 21	9 58	6 1	21 54	0 15	14 21	0 58	21 30	1 30	18 56	0 14	1 29	1 25	22 47	6 4	4 8	3 35	9 41	5 6	6 57
S 26	18 38	19 17	4 6	16 6	3 28	9 54	6 14	22 0	0 14	14 24	0 59	21 30	1 30	18 56	0 13	1 30	1 25	22 47	6 4	4 8	3 37	9 44	5 7	6 57
S 27	18 22	23 15	4 40	16 18	3 32	9 52	6 27	22 6	0 14	14 26	0 59	21 30	1 30	18 55	0 13	1 30	1 25	22 48	6 4	4 9	3 38	9 47	5 8	6 58
M28	18 7	26 17	5 2	16 32	3 33	9 50	6 39	22 11	0 13	14 29	0 59	21 31	1 30	18 55	0 13	1 31	1 24	22 48	6 5	4 10	3 39	9 51	5 10	6 58
T 29	17 51	28 6	5 10	16 46	3 32	9 49	6 51	22 17	0 12	14 32	0 59	21 31	1 30	18 55	0 13	1 31	1 24	22 49	6 5	4 12	3 40	9 54	5 11	6 58
W30	17 34	28 27	5 3	17 0	3 29	9 49	7 1	22 22	0 12	14 34	0 59	21 31	1 30	18 55	0 13	1 32	1 24	22 49	6 5	4 15	3 42	9 57	5 12	6 58
T 31	17s18	27s12	4s39	17s14	3n25	9s49	7n12	22s27	0n11	14n37	0n59	21s32	1n30	18n55	0s13	1n33	1s24	22n50	6n 5	4s17	3s43	10s 0	5n14	6s58

Julian Day Number = 2522037.5, Delta T = 156.31 sec
Ecliptic obliquity = 23°24'59, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°26'15, Lahiri = 26°33'15

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2193
geocentric

FEBRUARY 2193 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 47 4	12♒35'56	28♉42	27°R 9	13°R 0	16♐12	23°R21	19♐57	25°R35	7♈11	12°R36	19°R 3	20♓34	19♎47	29°R 3	F 1
S 2	8 51 0	13°36'54	12♒42	26♉38	12♒23	16°52	23♌13	20° 2	25°D35	7°12	12♌34	18♓58	20°31	19°54	28♌59	S 2
S 3	8 54 57	14°37'50	26°56	26°16	11°46	17°32	23° 5	20° 7	25♉35	7°14	12°33	18°54	20°28	20° 0	28°54	S 3
M 4	8 58 53	15°38'45	11♓21	26° 3	11°10	18°11	22°57	20°12	25°35	7°15	12°32	18°52	20°25	20° 7	28°50	M 4
T 5	9 2 50	16°39'39	25°50	25°D57	10°34	18°51	22°50	20°17	25°36	7°17	12°30	18°D52	20°21	20°14	28°45	T 5
W 6	9 6 46	17°40'32	10♈17	26° 0	9°59	19°31	22°42	20°22	25°36	7°18	12°29	18°54	20°18	20°20	28°41	W 6
T 7	9 10 43	18°41'23	24°40	26° 9	9°26	20°11	22°34	20°27	25°36	7°20	12°27	18°55	20°15	20°27	28°36	T 7
F 8	9 14 39	19°42'13	8♉55	26°26	8°54	20°51	22°26	20°32	25°36	7°22	12°26	18°56	20°12	20°34	28°32	F 8
S 9	9 18 36	20°43'02	23° 0	26°48	8°24	21°31	22°18	20°36	25°37	7°23	12°25	18°R57	20° 9	20°40	28°27	S 9
S 10	9 22 33	21°43'49	6♊53	27°16	7°55	22°11	22°10	20°41	25°37	7°25	12°23	18°56	20° 6	20°47	28°23	S 10
M11	9 26 29	22°44'34	20°35	27°50	7°28	22°51	22° 2	20°45	25°38	7°27	12°22	18°54	20° 2	20°54	28°18	M11
T 12	9 30 26	23°45'18	4♋ 4	28°28	7° 4	23°30	21°54	20°50	25°38	7°29	12°21	18°50	19°59	21° 0	28°13	T 12
W13	9 34 22	24°46'01	17°20	29°11	6°41	24°10	21°46	20°54	25°39	7°30	12°19	18°47	19°56	21° 7	28° 9	W13
T 14	9 38 19	25°46'42	0♌23	29°57	6°21	24°50	21°38	20°58	25°39	7°32	12°18	18°43	19°53	21°14	28° 4	T 14
F 15	9 42 15	26°47'21	13°13	0♒47	6° 3	25°30	21°30	21° 3	25°40	7°34	12°17	18°39	19°50	21°20	27°59	F 15
S 16	9 46 12	27°47'59	25°49	1°41	5°48	26°10	21°22	21° 7	25°41	7°36	12°15	18°37	19°46	21°27	27°55	S 16
S 17	9 50 8	28°48'36	8♍12	2°38	5°35	26°50	21°14	21°11	25°41	7°38	12°14	18°36	19°43	21°34	27°50	S 17
M18	9 54 5	29°49'11	20°24	3°37	5°24	27°30	21° 7	21°15	25°42	7°40	12°13	18°D35	19°40	21°40	27°45	M18
T 19	9 58 2	0♓49'45	2♎26	4°40	5°16	28°10	20°59	21°19	25°43	7°41	12°11	18°36	19°37	21°47	27°41	T 19
W20	10 1 58	1°50'17	14°20	5°44	5°11	28°50	20°51	21°23	25°44	7°43	12°10	18°37	19°34	21°54	27°36	W20
T 21	10 5 55	2°50'49	26° 9	6°51	5° 8	29°30	20°43	21°26	25°45	7°45	12° 9	18°38	19°31	22° 0	27°31	T 21
F 22	10 9 51	3°51'18	7♏59	8° 0	5°D 7	0♉10	20°36	21°30	25°46	7°47	12° 7	18°40	19°27	22° 7	27°27	F 22
S 23	10 13 48	4°51'47	19°51	9°11	5° 9	0°50	20°28	21°33	25°47	7°49	12° 6	18°41	19°24	22°14	27°22	S 23
S 24	10 17 44	5°52'14	1♐53	10°24	5°13	1°30	20°21	21°37	25°48	7°51	12° 5	18°R41	19°21	22°20	27°18	S 24
M25	10 21 41	6°52'40	14° 7	11°39	5°20	2°10	20°13	21°40	25°49	7°53	12° 4	18°41	19°18	22°27	27°13	M25
T 26	10 25 37	7°53'05	26°39	12°55	5°29	2°50	20° 6	21°44	25°51	7°55	12° 2	18°41	19°15	22°34	27° 8	T 26
W27	10 29 34	8°53'29	9♑32	14°13	5°40	3°30	19°59	21°47	25°52	7°57	12° 1	18°40	19°11	22°40	27° 4	W27
T 28	10 33 31	9♓53'51	22♑51	15♒33	5♒53	4♑10	19♌52	21♐50	25♉53	7♈59	12♌ 0	18♓39	19♓ 8	22♎47	26♌59	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17s 1	24s18	4s 0	17s28	3n18	9s51	7n21	22s32	0n10	14n40	1n 0	21s32	1n30	18n55	0s13	1n33	1s24	22n50	6n 5	4s20	3s44	10s 4	5n15	6s58
S 2	16 43	19 56	3 4	17 41	3 10	9 53	7 29	22 37	0 9	14 42	1 0	21 32	1 30	18 55	0 13	1 34	1 24	22 51	6 5	4 22	3 45	10 7	5 16	6 59
S 3	16 26	14 21	1 57	17 54	3 2	9 55	7 37	22 41	0 9	14 45	1 0	21 33	1 30	18 55	0 13	1 35	1 24	22 51	6 5	4 23	3 47	10 10	5 18	6 59
M 4	16 8	7 56	0 41	18 6	2 52	9 59	7 43	22 46	0 8	14 48	1 0	21 33	1 30	18 55	0 13	1 35	1 24	22 52	6 5	4 24	3 48	10 13	5 19	6 59
T 5	15 50	1 5	0n38	18 18	2 41	10 2	7 49	22 50	0 7	14 50	1 0	21 33	1 31	18 56	0 13	1 36	1 24	22 52	6 5	4 24	3 49	10 17	5 21	6 59
W 6	15 31	5n50	1 55	18 28	2 30	10 7	7 54	22 54	0 6	14 53	1 0	21 34	1 31	18 56	0 13	1 37	1 24	22 53	6 5	4 23	3 50	10 20	5 22	6 59
T 7	15 13	12 24	3 4	18 37	2 19	10 12	7 58	22 58	0 6	14 56	1 0	21 34	1 31	18 56	0 13	1 37	1 24	22 53	6 5	4 23	3 52	10 23	5 24	6 59
F 8	14 54	18 15	4 1	18 45	2 8	10 17	8 0	23 1	0 5	14 59	1 0	21 34	1 31	18 56	0 13	1 38	1 24	22 54	6 5	4 22	3 53	10 26	5 25	6 59
S 9	14 34	23 3	4 42	18 53	1 56	10 22	8 3	23 5	0 4	15 1	1 1	21 34	1 31	18 56	0 13	1 39	1 24	22 54	6 5	4 22	3 54	10 29	5 27	6 59
S 10	14 15	26 29	5 7	18 59	1 44	10 28	8 4	23 8	0 3	15 4	1 1	21 35	1 31	18 56	0 13	1 39	1 24	22 54	6 5	4 23	3 55	10 33	5 28	6 59
M11	13 55	28 18	5 14	19 4	1 33	10 35	8 4	23 11	0 2	15 7	1 1	21 35	1 31	18 56	0 13	1 40	1 24	22 55	6 5	4 23	3 57	10 36	5 30	6 59
T 12	13 35	28 24	5 3	19 7	1 21	10 41	8 4	23 14	0 1	15 9	1 1	21 35	1 31	18 56	0 13	1 41	1 24	22 55	6 6	4 25	3 58	10 39	5 31	6 59
W13	13 15	26 51	4 36	19 10	1 10	10 48	8 2	23 17	0 1	15 12	1 1	21 35	1 31	18 56	0 13	1 41	1 24	22 56	6 6	4 26	3 59	10 42	5 33	6 59
T 14	12 55	23 52	3 55	19 11	0 59	10 54	8 0	23 19	0s 0	15 15	1 1	21 36	1 31	18 57	0 13	1 42	1 24	22 56	6 6	4 28	4 0	10 46	5 35	6 59
F 15	12 34	19 45	3 3	19 11	0 48	11 1	7 58	23 21	0 1	15 17	1 1	21 36	1 31	18 57	0 13	1 43	1 24	22 57	6 6	4 29	4 1	10 49	5 36	6 58
S 16	12 14	14 49	2 2	19 10	0 37	11 8	7 54	23 24	0 2	15 20	1 1	21 36	1 31	18 57	0 13	1 44	1 24	22 57	6 6	4 30	4 3	10 52	5 38	6 58
S 17	11 53	9 22	0 57	19 8	0 26	11 15	7 50	23 26	0 3	15 22	1 1	21 36	1 31	18 57	0 13	1 44	1 24	22 57	6 6	4 31	4 4	10 55	5 40	6 58
M18	11 31	3 39	0s10	19 4	0 16	11 22	7 46	23 27	0 4	15 25	1 1	21 36	1 31	18 57	0 13	1 45	1 24	22 58	6 6	4 31	4 5	10 58	5 41	6 58
T 19	11 10	2s 7	1 16	18 59	0 6	11 29	7 41	23 29	0 5	15 28	1 1	21 37	1 32	18 58	0 13	1 46	1 24	22 58	6 6	4 30	4 6	11 2	5 43	6 58
W20	10 49	7 46	2 18	18 53	0s 4	11 35	7 35	23 30	0 5	15 30	1 1	21 37	1 32	18 58	0 13	1 47	1 24	22 59	6 6	4 30	4 8	11 5	5 45	6 58
T 21	10 27	13 5	3 13	18 45	0 13	11 42	7 29	23 31	0 6	15 33	1 1	21 37	1 32	18 58	0 13	1 47	1 24	22 59	6 6	4 29	4 9	11 8	5 47	6 58
F 22	10 5	17 57	4 1	18 36	0 22	11 48	7 23	23 32	0 7	15 35	1 2	21 37	1 32	18 58	0 13	1 48	1 24	22 59	6 6	4 29	4 10	11 11	5 48	6 57
S 23	9 43	22 8	4 38	18 26	0 31	11 54	7 16	23 33	0 8	15 38	1 2	21 37	1 32	18 59	0 13	1 49	1 24	23 0	6 6	4 28	4 11	11 14	5 50	6 57
S 24	9 21	25 28	5 3	18 15	0 40	12 0	7 9	23 34	0 9	15 40	1 2	21 37	1 32	18 59	0 13	1 50	1 24	23 0	6 6	4 28	4 13	11 18	5 52	6 57
M25	8 59	27 42	5 16	18 2	0 48	12 6	7 2	23 34	0 10	15 42	1 2	21 37	1 32	18 59	0 13	1 51	1 24	23 0	6 6	4 28	4 14	11 21	5 54	6 57
T 26	8 36	28 36	5 14	17 48	0 55	12 11	6 54	23 34	0 11	15 45	1 2	21 38	1 32	19 0	0 13	1 51	1 24	23 1	6 6	4 28	4 15	11 24	5 55	6 56
W27	8 14	28 0	4 56	17 33	1 3	12 16	6 46	23 34	0 12	15 47	1 2	21 38	1 32	19 0	0 13	1 52	1 24	23 1	6 6	4 29	4 16	11 27	5 57	6 56
T 28	7s51	25s48	4s22	17s17	1s10	12s20	6n38	23s34	0s13	15n49	1n 2	21s38	1n32	19n 0	0s13	1n53	1s24	23n 2	6n 6	4s29	4s18	11s30	5n59	6s56

Julian Day Number = 2522068.5, Delta T = 156.39 sec
Ecliptic obliquity = 23°25'00, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°26'19, Lahiri = 26°33'19

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2193
geocentric

MARCH 2193 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 37 27	10♓54'11	6♒34	16♒53	6♒ 8	4♑50	19°R45	21♐53	25♉55	8♈ 1	11°R59	18°R38	19♓ 5	22♎54	26°R55	F 1
S 2	10 41 24	11°54'30	20°43	18°16	6°26	5°30	19♌38	21°56	25°56	8° 3	11♌57	18♓37	19° 2	23° 0	26♌50	S 2
S 3	10 45 20	12°54'47	5♓13	19°39	6°45	6°10	19°31	21°59	25°58	8° 5	11°56	18°36	18°59	23° 7	26°46	S 3
M 4	10 49 17	13°55'03	19°59	21° 4	7° 6	6°50	19°24	22° 1	25°59	8° 8	11°55	18°D36	18°56	23°14	26°42	M 4
T 5	10 53 13	14°55'16	4♈53	22°30	7°29	7°30	19°18	22° 4	26° 1	8°10	11°54	18°36	18°52	23°20	26°37	T 5
W 6	10 57 10	15°55'28	19°48	23°57	7°54	8°10	19°11	22° 7	26° 2	8°12	11°53	18°36	18°49	23°27	26°33	W 6
T 7	11 1 6	16°55'38	4♉36	25°26	8°21	8°50	19° 5	22° 9	26° 4	8°14	11°52	18°37	18°46	23°34	26°29	T 7
F 8	11 5 3	17°55'46	19°11	26°56	8°49	9°30	18°59	22°11	26° 6	8°16	11°51	18°37	18°43	23°40	26°25	F 8
S 9	11 9 0	18°55'51	3♊28	28°26	9°18	10°10	18°53	22°14	26° 7	8°18	11°50	18°R37	18°40	23°47	26°20	S 9
S 10	11 12 56	19°55'55	17°25	29°58	9°49	10°50	18°47	22°16	26° 9	8°20	11°49	18°D37	18°37	23°54	26°16	S 10
M11	11 16 53	20°55'57	1♋ 2	1♓32	10°22	11°30	18°41	22°18	26°11	8°23	11°48	18°37	18°33	24° 0	26°12	M11
T 12	11 20 49	21°55'56	14°19	3° 6	10°56	12°10	18°35	22°20	26°13	8°25	11°47	18°37	18°30	24° 7	26° 8	T 12
W13	11 24 46	22°55'53	27°18	4°41	11°31	12°50	18°30	22°22	26°15	8°27	11°46	18°37	18°27	24°14	26° 4	W13
T 14	11 28 42	23°55'48	10♌ 1	6°18	12° 8	13°30	18°24	22°24	26°17	8°29	11°45	18°38	18°24	24°20	26° 1	T 14
F 15	11 32 39	24°55'41	22°30	7°56	12°46	14°10	18°19	22°25	26°19	8°31	11°44	18°39	18°21	24°27	25°57	F 15
S 16	11 36 35	25°55'32	4♍48	9°35	13°25	14°50	18°14	22°27	26°21	8°34	11°43	18°39	18°17	24°34	25°53	S 16
S 17	11 40 32	26°55'20	16°57	11°15	14° 5	15°30	18° 9	22°28	26°23	8°36	11°42	18°R39	18°14	24°40	25°49	S 17
M18	11 44 29	27°55'07	28°58	12°56	14°47	16°10	18° 4	22°30	26°25	8°38	11°41	18°39	18°11	24°47	25°46	M18
T 19	11 48 25	28°54'51	10♎53	14°39	15°29	16°50	18° 0	22°31	26°27	8°40	11°40	18°38	18° 8	24°54	25°42	T 19
W20	11 52 22	29°54'34	22°44	16°22	16°12	17°29	17°56	22°32	26°30	8°43	11°39	18°37	18° 5	25° 0	25°39	W20
T 21	11 56 18	0♈54'15	4♏34	18° 7	16°57	18° 9	17°51	22°34	26°32	8°45	11°38	18°35	18° 2	25° 7	25°36	T 21
F 22	12 0 15	1°53'54	16°24	19°53	17°42	18°49	17°47	22°35	26°34	8°47	11°37	18°33	17°58	25°14	25°32	F 22
S 23	12 4 11	2°53'32	28°18	21°41	18°28	19°29	17°43	22°35	26°37	8°49	11°37	18°31	17°55	25°20	25°29	S 23
S 24	12 8 8	3°53'07	10♐20	23°30	19°15	20° 9	17°40	22°36	26°39	8°52	11°36	18°30	17°52	25°27	25°26	S 24
M25	12 12 4	4°52'41	22°33	25°19	20° 3	20°49	17°36	22°37	26°41	8°54	11°35	18°28	17°49	25°34	25°23	M25
T 26	12 16 1	5°52'13	5♑ 2	27°11	20°52	21°29	17°33	22°38	26°44	8°56	11°34	18°D28	17°46	25°40	25°20	T 26
W27	12 19 57	6°51'44	17°49	29° 3	21°42	22° 9	17°30	22°38	26°46	8°59	11°34	18°28	17°43	25°47	25°17	W27
T 28	12 23 54	7°51'12	1♒ 0	0♈57	22°32	22°49	17°27	22°38	26°49	9° 1	11°33	18°29	17°39	25°54	25°14	T 28
F 29	12 27 51	8°50'39	14°37	2°52	23°23	23°29	17°24	22°39	26°51	9° 3	11°32	18°31	17°36	26° 0	25°12	F 29
S 30	12 31 47	9°50'04	28°41	4°48	24°15	24° 9	17°21	22°39	26°54	9° 5	11°32	18°32	17°33	26° 7	25° 9	S 30
S 31	12 35 44	10♈49'27	13♓11	6♈46	25♒ 7	24♑49	17♌19	22♐39	26♉57	9♈ 8	11♌31	18°R33	17♓30	26♎14	25♌ 7	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	7s28	22s 3	3s33	16s59	1s17	12s25	6n30	23s34	0s14	15n51	1n 2	21s38	1n32	19n 1	0s13	1n54	1s24	23n 2	6n 6	4s30	4s19	11s33	6n 1	6s55
S 2	7 5	16 55	2 29	16 40	1 23	12 29	6 22	23 33	0 15	15 54	1 2	21 38	1 32	19 1	0 13	1 55	1 24	23 2	6 6	4 30	4 20	11 37	6 3	6 55
S 3	6 42	10 44	1 14	16 19	1 29	12 32	6 13	23 32	0 16	15 56	1 2	21 38	1 33	19 1	0 13	1 56	1 24	23 2	6 6	4 30	4 21	11 40	6 4	6 55
M 4	6 19	3 51	0n 8	15 58	1 35	12 35	6 5	23 31	0 17	15 58	1 2	21 38	1 33	19 2	0 13	1 56	1 24	23 3	6 6	4 30	4 23	11 43	6 6	6 54
T 5	5 56	3n18	1 29	15 35	1 40	12 38	5 56	23 30	0 18	16 0	1 2	21 38	1 33	19 2	0 13	1 57	1 24	23 3	6 6	4 30	4 24	11 46	6 8	6 54
W 6	5 33	10 17	2 45	15 11	1 45	12 40	5 47	23 29	0 19	16 2	1 2	21 38	1 33	19 2	0 13	1 58	1 24	23 3	6 6	4 30	4 25	11 49	6 10	6 53
T 7	5 9	16 38	3 49	14 46	1 50	12 42	5 39	23 27	0 20	16 4	1 2	21 38	1 33	19 3	0 13	1 59	1 24	23 4	6 6	4 30	4 26	11 52	6 12	6 53
F 8	4 46	21 56	4 37	14 19	1 54	12 44	5 30	23 26	0 21	16 6	1 2	21 38	1 33	19 3	0 13	2 0	1 24	23 4	6 6	4 30	4 28	11 56	6 13	6 53
S 9	4 23	25 51	5 7	13 51	1 58	12 45	5 21	23 24	0 22	16 8	1 2	21 38	1 33	19 4	0 13	2 1	1 24	23 4	6 6	4 30	4 29	11 59	6 15	6 52
S 10	3 59	28 5	5 18	13 22	2 2	12 45	5 12	23 22	0 23	16 10	1 2	21 38	1 33	19 4	0 13	2 2	1 24	23 5	6 6	4 30	4 30	12 2	6 17	6 52
M11	3 35	28 35	5 10	12 52	2 5	12 45	5 3	23 19	0 24	16 11	1 2	21 38	1 33	19 5	0 13	2 2	1 24	23 5	6 6	4 30	4 31	12 5	6 19	6 51
T 12	3 12	27 24	4 46	12 20	2 7	12 45	4 54	23 17	0 25	16 13	1 2	21 38	1 33	19 5	0 13	2 3	1 24	23 5	6 6	4 30	4 33	12 8	6 21	6 51
W13	2 48	24 44	4 8	11 48	2 10	12 44	4 45	23 14	0 26	16 15	1 2	21 38	1 34	19 5	0 13	2 4	1 24	23 5	6 6	4 30	4 34	12 11	6 22	6 50
T 14	2 25	20 54	3 19	11 14	2 12	12 43	4 36	23 11	0 27	16 17	1 2	21 38	1 34	19 6	0 13	2 5	1 23	23 6	6 5	4 30	4 35	12 14	6 24	6 50
F 15	2 1	16 12	2 20	10 39	2 13	12 41	4 28	23 8	0 29	16 18	1 2	21 38	1 34	19 6	0 13	2 6	1 23	23 6	6 5	4 29	4 36	12 18	6 26	6 49
S 16	1 37	10 55	1 16	10 2	2 14	12 39	4 19	23 5	0 30	16 20	1 2	21 38	1 34	19 7	0 13	2 7	1 23	23 6	6 5	4 29	4 38	12 21	6 28	6 49
S 17	1 13	5 18	0 9	9 25	2 15	12 36	4 10	23 2	0 31	16 21	1 2	21 38	1 34	19 7	0 12	2 8	1 23	23 6	6 5	4 29	4 39	12 24	6 29	6 48
M18	0 50	0s27	0s57	8 46	2 15	12 32	4 1	22 58	0 32	16 23	1 2	21 38	1 34	19 8	0 12	2 9	1 23	23 6	6 5	4 29	4 40	12 27	6 31	6 48
T 19	0 26	6 9	2 0	8 6	2 14	12 28	3 53	22 54	0 33	16 24	1 1	21 38	1 34	19 9	0 12	2 9	1 23	23 7	6 5	4 29	4 41	12 30	6 33	6 47
W20	0 2	11 35	2 58	7 25	2 14	12 24	3 44	22 51	0 34	16 25	1 1	21 38	1 34	19 9	0 12	2 10	1 23	23 7	6 5	4 30	4 43	12 33	6 34	6 46
T 21	0n22	16 36	3 48	6 43	2 12	12 19	3 35	22 46	0 36	16 26	1 1	21 38	1 34	19 10	0 12	2 11	1 23	23 7	6 5	4 31	4 44	12 36	6 36	6 46
F 22	0 45	21 0	4 28	6 0	2 11	12 14	3 27	22 42	0 37	16 28	1 1	21 38	1 34	19 10	0 12	2 12	1 23	23 7	6 5	4 31	4 45	12 39	6 38	6 45
S 23	1 9	24 35	4 57	5 16	2 9	12 8	3 18	22 38	0 38	16 29	1 1	21 38	1 34	19 11	0 12	2 13	1 23	23 7	6 5	4 32	4 46	12 42	6 39	6 45
S 24	1 33	27 8	5 13	4 30	2 6	12 1	3 10	22 33	0 39	16 30	1 1	21 38	1 35	19 11	0 12	2 14	1 23	23 8	6 5	4 33	4 47	12 46	6 41	6 44
M25	1 56	28 27	5 15	3 44	2 3	11 54	3 2	22 28	0 40	16 31	1 1	21 38	1 35	19 12	0 12	2 15	1 23	23 8	6 5	4 33	4 49	12 49	6 42	6 43
T 26	2 20	28 22	5 3	2 56	1 59	11 47	2 54	22 23	0 42	16 32	1 1	21 38	1 35	19 12	0 12	2 16	1 23	23 8	6 5	4 33	4 50	12 52	6 44	6 43
W27	2 43	26 47	4 36	2 8	1 55	11 39	2 46	22 18	0 43	16 33	1 1	21 38	1 35	19 13	0 12	2 17	1 23	23 8	6 5	4 33	4 51	12 55	6 46	6 42
T 28	3 7	23 42	3 53	1 18	1 50	11 30	2 38	22 13	0 44	16 34	1 1	21 38	1 35	19 14	0 12	2 17	1 23	23 8	6 5	4 33	4 52	12 58	6 47	6 41
F 29	3 30	19 15	2 56	0 28	1 45	11 21	2 30	22 7	0 45	16 34	1 1	21 38	1 35	19 14	0 12	2 18	1 23	23 8	6 5	4 32	4 54	13 1	6 49	6 41
S 30	3 54	13 36	1 47	0n23	1 39	11 12	2 22	22 2	0 47	16 35	1 1	21 38	1 35	19 15	0 12	2 19	1 23	23 8	6 5	4 32	4 55	13 4	6 50	6 40
S 31	4n17	7s 4	0s30	1n16	1s33	11s 2	2n14	21s56	0s48	16n36	1n 1	21s38	1n35	19n15	0s12	2n20	1s24	23n 9	6n 5	4s32	4s56	13s 7	6n52	6s39

Julian Day Number = 2522096.5, Delta T = 156.46 sec
Ecliptic obliquity = 23°25'00, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°26'23, Lahiri = 26°33'23

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2193
geocentric

APRIL 2193 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 39 40	11♈48'49	28♓ 2	8♈44	26♒ 0	25♑29	17°R17	22°R39	26♉59	9♈10	11°R30	18°R33	17♓27	26♎20	25°R 4	M 1
T 2	12 43 37	12°48'08	13♈ 9	10°44	26°54	26° 8	17♌14	22♐39	27° 2	9°12	11♌30	18♓31	17°23	26°27	25♌ 2	T 2
W 3	12 47 33	13°47'25	28°22	12°45	27°48	26°48	17°13	22°39	27° 5	9°14	11°29	18°29	17°20	26°34	25° 0	W 3
T 4	12 51 30	14°46'40	13♉31	14°47	28°42	27°28	17°11	22°39	27° 8	9°17	11°29	18°25	17°17	26°41	24°58	T 4
F 5	12 55 26	15°45'54	28°26	16°50	29°38	28° 8	17° 9	22°38	27°10	9°19	11°28	18°21	17°14	26°47	24°56	F 5
S 6	12 59 23	16°45'05	13♊ 1	18°53	0♓33	28°48	17° 8	22°38	27°13	9°21	11°28	18°18	17°11	26°54	24°54	S 6
S 7	13 3 20	17°44'13	27°10	20°57	1°29	29°27	17° 7	22°37	27°16	9°23	11°27	18°15	17° 8	27° 1	24°52	S 7
M 8	13 7 16	18°43'20	10♋53	23° 2	2°26	0♒ 7	17° 6	22°36	27°19	9°26	11°27	18°14	17° 4	27° 7	24°50	M 8
T 9	13 11 13	19°42'24	24° 9	25° 6	3°23	0°47	17° 5	22°36	27°22	9°28	11°27	18°D14	17° 1	27°14	24°49	T 9
W10	13 15 9	20°41'25	7♌ 2	27°11	4°21	1°27	17° 5	22°35	27°25	9°30	11°26	18°14	16°58	27°21	24°47	W10
T 11	13 19 6	21°40'24	19°36	29°15	5°19	2° 6	17° 4	22°34	27°28	9°32	11°26	18°16	16°55	27°27	24°46	T 11
F 12	13 23 2	22°39'21	1♍53	1♉19	6°17	2°46	17°D 4	22°33	27°31	9°35	11°26	18°18	16°52	27°34	24°44	F 12
S 13	13 26 59	23°38'16	13°59	3°21	7°16	3°26	17° 4	22°31	27°34	9°37	11°25	18°R19	16°49	27°41	24°43	S 13
S 14	13 30 55	24°37'09	25°57	5°23	8°15	4° 5	17° 5	22°30	27°37	9°39	11°25	18°19	16°45	27°47	24°42	S 14
M15	13 34 52	25°35'59	7♎50	7°22	9°15	4°45	17° 5	22°29	27°40	9°41	11°25	18°17	16°42	27°54	24°41	M15
T 16	13 38 49	26°34'47	19°40	9°20	10°15	5°24	17° 6	22°27	27°43	9°44	11°25	18°13	16°39	28° 1	24°40	T 16
W17	13 42 45	27°33'34	1♏29	11°15	11°15	6° 4	17° 6	22°26	27°46	9°46	11°25	18° 7	16°36	28° 7	24°39	W17
T 18	13 46 42	28°32'18	13°21	13° 8	12°16	6°43	17° 7	22°24	27°49	9°48	11°24	18° 0	16°33	28°14	24°39	T 18
F 19	13 50 38	29°31'01	25°15	14°57	13°17	7°23	17° 8	22°23	27°52	9°50	11°24	17°53	16°29	28°21	24°38	F 19
S 20	13 54 35	0♉29'42	7♐15	16°43	14°18	8° 2	17°10	22°21	27°55	9°52	11°24	17°45	16°26	28°27	24°38	S 20
S 21	13 58 31	1°28'21	19°21	18°26	15°20	8°42	17°11	22°19	27°59	9°54	11°24	17°38	16°23	28°34	24°37	S 21
M22	14 2 28	2°26'58	1♑38	20° 5	16°22	9°21	17°13	22°17	28° 2	9°57	11°24	17°32	16°20	28°41	24°37	M22
T 23	14 6 24	3°25'34	14° 7	21°40	17°24	10° 0	17°15	22°15	28° 5	9°59	11°D24	17°28	16°17	28°47	24°37	T 23
W24	14 10 21	4°24'08	26°53	23°10	18°26	10°40	17°17	22°13	28° 8	10° 1	11°24	17°26	16°14	28°54	24°D37	W24
T 25	14 14 18	5°22'40	9♒57	24°36	19°29	11°19	17°19	22°10	28°12	10° 3	11°24	17°D26	16°10	29° 1	24°37	T 25
F 26	14 18 14	6°21'11	23°25	25°58	20°32	11°58	17°22	22° 8	28°15	10° 5	11°24	17°27	16° 7	29° 7	24°37	F 26
S 27	14 22 11	7°19'40	7♓18	27°15	21°36	12°38	17°24	22° 6	28°18	10° 7	11°24	17°28	16° 4	29°14	24°38	S 27
S 28	14 26 7	8°18'07	21°36	28°27	22°39	13°17	17°27	22° 3	28°22	10° 9	11°24	17°R28	16° 1	29°21	24°38	S 28
M29	14 30 4	9°16'33	6♈19	29°34	23°43	13°56	17°30	22° 0	28°25	10°11	11°25	17°26	15°58	29°28	24°39	M29
T 30	14 34 0	10♉14'57	21♈21	0♊36	24♓47	14♒35	17♌33	21♐58	28♉28	10♈13	11♌25	17♓23	15♓54	29♎34	24♌39	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	4n40	0n 1	0n52	2n 8	1s26	10s51	2n 6	21s50	0s49	16n36	1n 1	21s38	1n35	19n16	0s12	2n21	1s24	23n 9	6n 4	4s32	4s57	13s10	6n53	6s39
T 2	5 3	7 12	2 11	3 2	1 19	10 40	1 59	21 44	0 50	16 37	1 1	21 38	1 35	19 17	0 12	2 22	1 24	23 9	6 4	4 32	4 59	13 13	6 54	6 38
W 3	5 26	14 1	3 22	3 56	1 11	10 29	1 51	21 37	0 52	16 37	1 1	21 37	1 36	19 17	0 12	2 23	1 24	23 9	6 4	4 33	5 0	13 16	6 56	6 37
T 4	5 49	19 58	4 18	4 51	1 3	10 17	1 44	21 31	0 53	16 38	1 0	21 37	1 36	19 18	0 12	2 24	1 24	23 9	6 4	4 35	5 1	13 20	6 57	6 36
F 5	6 12	24 35	4 55	5 46	0 54	10 5	1 37	21 24	0 54	16 38	1 0	21 37	1 36	19 19	0 12	2 24	1 24	23 9	6 4	4 36	5 2	13 23	6 59	6 36
S 6	6 35	27 30	5 12	6 42	0 45	9 52	1 30	21 18	0 56	16 39	1 0	21 37	1 36	19 19	0 12	2 25	1 24	23 9	6 4	4 37	5 4	13 26	7 0	6 35
S 7	6 57	28 33	5 10	7 37	0 35	9 39	1 23	21 11	0 57	16 39	1 0	21 37	1 36	19 20	0 12	2 26	1 24	23 9	6 4	4 38	5 5	13 29	7 1	6 34
M 8	7 20	27 47	4 50	8 33	0 25	9 25	1 16	21 4	0 59	16 39	1 0	21 37	1 36	19 21	0 12	2 27	1 24	23 9	6 4	4 39	5 6	13 32	7 2	6 33
T 9	7 42	25 26	4 14	9 28	0 15	9 11	1 9	20 56	1 0	16 39	1 0	21 37	1 36	19 21	0 12	2 28	1 24	23 9	6 4	4 39	5 7	13 35	7 4	6 33
W10	8 4	21 50	3 27	10 23	0 4	8 57	1 2	20 49	1 1	16 39	1 0	21 37	1 36	19 22	0 12	2 29	1 24	23 9	6 4	4 39	5 9	13 38	7 5	6 32
T 11	8 26	17 19	2 31	11 18	0n 6	8 42	0 55	20 41	1 3	16 39	1 0	21 36	1 36	19 23	0 12	2 30	1 24	23 9	6 4	4 38	5 10	13 41	7 6	6 31
F 12	8 48	12 10	1 29	12 12	0 18	8 26	0 49	20 34	1 4	16 39	1 0	21 36	1 36	19 23	0 12	2 31	1 24	23 9	6 4	4 37	5 11	13 44	7 7	6 30
S 13	9 10	6 39	0 24	13 4	0 29	8 10	0 43	20 26	1 6	16 39	1 0	21 36	1 36	19 24	0 12	2 31	1 24	23 9	6 3	4 37	5 12	13 47	7 8	6 30
S 14	9 32	0 58	0s42	13 56	0 40	7 54	0 36	20 18	1 7	16 39	1 0	21 36	1 36	19 25	0 12	2 32	1 24	23 9	6 3	4 37	5 13	13 50	7 10	6 29
M15	9 53	4s42	1 44	14 46	0 51	7 38	0 30	20 10	1 8	16 39	0 59	21 36	1 37	19 25	0 12	2 33	1 24	23 9	6 3	4 38	5 15	13 53	7 11	6 28
T 16	10 15	10 11	2 42	15 34	1 2	7 21	0 24	20 2	1 10	16 38	0 59	21 36	1 37	19 26	0 12	2 34	1 24	23 9	6 3	4 39	5 16	13 56	7 12	6 27
W17	10 36	15 18	3 33	16 21	1 13	7 3	0 18	19 54	1 11	16 38	0 59	21 36	1 37	19 27	0 12	2 35	1 24	23 9	6 3	4 42	5 17	13 59	7 13	6 26
T 18	10 57	19 52	4 15	17 6	1 24	6 46	0 12	19 45	1 13	16 38	0 59	21 35	1 37	19 28	0 12	2 36	1 24	23 9	6 3	4 44	5 18	14 2	7 14	6 26
F 19	11 17	23 40	4 45	17 48	1 34	6 28	0 7	19 37	1 14	16 37	0 59	21 35	1 37	19 28	0 12	2 36	1 24	23 9	6 3	4 47	5 20	14 5	7 15	6 25
S 20	11 38	26 29	5 3	18 28	1 44	6 9	0 1	19 28	1 16	16 37	0 59	21 35	1 37	19 29	0 12	2 37	1 24	23 9	6 3	4 50	5 21	14 8	7 15	6 24
S 21	11 58	28 7	5 8	19 6	1 53	5 51	0s 4	19 19	1 17	16 36	0 59	21 35	1 37	19 30	0 12	2 38	1 24	23 9	6 3	4 53	5 22	14 11	7 16	6 23
M22	12 19	28 24	4 59	19 42	2 1	5 32	0 10	19 10	1 19	16 36	0 59	21 35	1 37	19 31	0 12	2 39	1 24	23 9	6 3	4 55	5 23	14 14	7 17	6 22
T 23	12 39	27 15	4 36	20 15	2 9	5 12	0 15	19 1	1 21	16 35	0 59	21 34	1 37	19 31	0 12	2 40	1 24	23 9	6 3	4 57	5 25	14 17	7 18	6 22
W24	12 59	24 40	3 59	20 45	2 17	4 53	0 20	18 52	1 22	16 34	0 59	21 34	1 37	19 32	0 12	2 41	1 24	23 9	6 2	4 58	5 26	14 20	7 19	6 21
T 25	13 18	20 45	3 8	21 13	2 23	4 33	0 25	18 42	1 24	16 33	0 58	21 34	1 37	19 33	0 12	2 41	1 24	23 8	6 2	4 58	5 27	14 23	7 19	6 20
F 26	13 38	15 41	2 6	21 38	2 29	4 12	0 30	18 33	1 25	16 33	0 58	21 34	1 37	19 33	0 12	2 42	1 24	23 8	6 2	4 57	5 28	14 26	7 20	6 19
S 27	13 57	9 40	0 55	22 1	2 34	3 52	0 35	18 24	1 27	16 32	0 58	21 34	1 37	19 34	0 12	2 43	1 24	23 8	6 2	4 57	5 29	14 29	7 21	6 18
S 28	14 16	2 59	0n22	22 21	2 37	3 31	0 39	18 14	1 29	16 31	0 58	21 33	1 37	19 35	0 12	2 44	1 24	23 8	6 2	4 57	5 31	14 32	7 21	6 17
M29	14 34	4n 2	1 40	22 39	2 40	3 10	0 44	18 4	1 30	16 30	0 58	21 33	1 37	19 36	0 12	2 45	1 24	23 8	6 2	4 57	5 32	14 35	7 22	6 17
T 30	14n53	10n58	2n52	22n54	2n42	2s49	0s48	17s54	1s32	16n29	0n58	21s33	1n38	19n36	0s12	2n45	1s24	23n 8	6n 2	4s59	5s33	14s38	7n23	6s16

Julian Day Number = 2522127.5, Delta T = 156.54 sec
Ecliptic obliquity = 23°25'00, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°26'27, Lahiri = 26°33'28

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2193
geocentric

MAY 2193 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 37 57	11♉13'20	6♉35	1♊33	25♓51	15♒14	17♌36	21°R55	28♉32	10♈15	11♌25	17°R17	15♓51	29♎41	24♌40	W 1
T 2	14 41 53	12°11'41	21°50	2°25	26°55	15°53	17°40	21♐52	28°35	10°17	11°25	17♓ 9	15°48	29°48	24°41	T 2
F 3	14 45 50	13°10'00	6♊55	3°12	28° 0	16°32	17°43	21°49	28°38	10°19	11°25	17° 1	15°45	29°54	24°42	F 3
S 4	14 49 47	14° 8'17	21°42	3°53	29° 5	17°11	17°47	21°46	28°42	10°21	11°26	16°52	15°42	0♏ 1	24°43	S 4
S 5	14 53 43	15° 6'32	6♋ 2	4°29	0♈10	17°50	17°51	21°43	28°45	10°23	11°26	16°45	15°39	0° 8	24°44	S 5
M 6	14 57 40	16° 4'45	19°53	5° 0	1°15	18°28	17°55	21°40	28°49	10°25	11°26	16°40	15°35	0°14	24°46	M 6
T 7	15 1 36	17° 2'57	3♌15	5°26	2°20	19° 7	18° 0	21°37	28°52	10°27	11°27	16°37	15°32	0°21	24°47	T 7
W 8	15 5 33	18° 1'06	16°10	5°46	3°26	19°46	18° 4	21°34	28°55	10°29	11°27	16°D37	15°29	0°28	24°49	W 8
T 9	15 9 29	18°59'13	28°43	6° 0	4°31	20°24	18° 9	21°30	28°59	10°31	11°27	16°37	15°26	0°34	24°50	T 9
F 10	15 13 26	19°57'18	10♍57	6°10	5°37	21° 3	18°14	21°27	29° 2	10°33	11°28	16°R37	15°23	0°41	24°52	F 10
S 11	15 17 22	20°55'21	22°58	6°R14	6°43	21°41	18°18	21°23	29° 6	10°35	11°28	16°37	15°20	0°48	24°54	S 11
S 12	15 21 19	21°53'23	4♎51	6°13	7°49	22°20	18°24	21°20	29° 9	10°36	11°29	16°36	15°16	0°54	24°56	S 12
M13	15 25 16	22°51'23	16°40	6° 7	8°55	22°58	18°29	21°16	29°13	10°38	11°29	16°32	15°13	1° 1	24°58	M13
T 14	15 29 12	23°49'20	28°28	5°57	10° 2	23°36	18°34	21°13	29°16	10°40	11°30	16°25	15°10	1° 8	25° 0	T 14
W15	15 33 9	24°47'17	10♏19	5°42	11° 8	24°15	18°40	21° 9	29°20	10°42	11°30	16°16	15° 7	1°14	25° 2	W15
T 16	15 37 5	25°45'11	22°15	5°23	12°15	24°53	18°46	21° 5	29°23	10°43	11°31	16° 4	15° 4	1°21	25° 5	T 16
F 17	15 41 2	26°43'05	4♐17	5° 0	13°22	25°31	18°51	21° 2	29°27	10°45	11°32	15°52	15° 0	1°28	25° 7	F 17
S 18	15 44 58	27°40'56	16°26	4°34	14°29	26° 9	18°57	20°58	29°30	10°47	11°32	15°39	14°57	1°35	25°10	S 18
S 19	15 48 55	28°38'47	28°43	4° 5	15°36	26°47	19° 4	20°54	29°34	10°49	11°33	15°27	14°54	1°41	25°12	S 19
M20	15 52 51	29°36'36	11♑ 9	3°33	16°43	27°25	19°10	20°50	29°37	10°50	11°34	15°18	14°51	1°48	25°15	M20
T 21	15 56 48	0♊34'24	23°47	3° 0	17°51	28° 2	19°16	20°46	29°41	10°52	11°34	15°10	14°48	1°55	25°18	T 21
W22	16 0 45	1°32'11	6♒38	2°26	18°58	28°40	19°23	20°42	29°44	10°53	11°35	15° 6	14°45	2° 1	25°21	W22
T 23	16 4 41	2°29'56	19°44	1°51	20° 6	29°18	19°30	20°38	29°48	10°55	11°36	15° 3	14°41	2° 8	25°24	T 23
F 24	16 8 38	3°27'41	3♓ 8	1°17	21°13	29°55	19°36	20°34	29°51	10°57	11°37	15°D 3	14°38	2°15	25°27	F 24
S 25	16 12 34	4°25'24	16°53	0°43	22°21	0♓32	19°43	20°29	29°55	10°58	11°38	15°R 3	14°35	2°21	25°30	S 25
S 26	16 16 31	5°23'06	0♈59	0°10	23°29	1°10	19°50	20°25	29°58	11° 0	11°38	15° 2	14°32	2°28	25°34	S 26
M27	16 20 27	6°20'47	15°26	29♉39	24°37	1°47	19°58	20°21	0♊ 2	11° 1	11°39	15° 0	14°29	2°35	25°37	M27
T 28	16 24 24	7°18'28	0♉12	29°10	25°45	2°24	20° 5	20°17	0° 5	11° 3	11°40	14°55	14°26	2°41	25°41	T 28
W29	16 28 20	8°16'07	15°11	28°45	26°54	3° 1	20°13	20°13	0° 9	11° 4	11°41	14°47	14°22	2°48	25°44	W29
T 30	16 32 17	9°13'46	0♊15	28°22	28° 2	3°38	20°20	20° 8	0°12	11° 5	11°42	14°37	14°19	2°55	25°48	T 30
F 31	16 36 14	10♊11'23	15♊13	28♉ 3	29♈11	4♓14	20♌28	20♐ 4	0♊16	11♈ 7	11♌43	14♓26	14♓16	3♏ 1	25♌52	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	15n11	17n21	3n52	23n 7	2n43	2s27	0s53	17s44	1s33	16n28	0n58	21s33	1n38	19n37	0s12	2n46	1s24	23n 8	6n 2	5s 1	5s34	14s41	7n23	6s15
T 2	15 29	22 39	4 36	23 17	2 43	2 6	0 57	17 34	1 35	16 27	0 58	21 33	1 38	19 38	0 12	2 47	1 24	23 8	6 2	5 4	5 36	14 44	7 24	6 14
F 3	15 47	26 23	5 1	23 25	2 42	1 44	1 1	17 24	1 37	16 25	0 58	21 32	1 38	19 39	0 12	2 48	1 24	23 7	6 2	5 7	5 37	14 47	7 24	6 13
S 4	16 4	28 13	5 4	23 31	2 39	1 21	1 5	17 14	1 38	16 24	0 58	21 32	1 38	19 40	0 12	2 48	1 24	23 7	6 2	5 11	5 38	14 50	7 25	6 12
S 5	16 21	28 5	4 48	23 34	2 36	0 59	1 9	17 4	1 40	16 23	0 58	21 32	1 38	19 40	0 12	2 49	1 24	23 7	6 1	5 13	5 39	14 53	7 25	6 12
M 6	16 38	26 10	4 16	23 35	2 31	0 37	1 12	16 53	1 42	16 21	0 57	21 32	1 38	19 41	0 12	2 50	1 24	23 7	6 1	5 15	5 41	14 56	7 25	6 11
T 7	16 55	22 49	3 30	23 34	2 25	0 14	1 16	16 43	1 44	16 20	0 57	21 31	1 38	19 42	0 12	2 51	1 24	23 7	6 1	5 16	5 42	14 59	7 26	6 10
W 8	17 11	18 27	2 35	23 31	2 18	0n 9	1 19	16 32	1 45	16 18	0 57	21 31	1 38	19 43	0 12	2 51	1 24	23 6	6 1	5 17	5 43	15 2	7 26	6 9
T 9	17 27	13 23	1 34	23 25	2 10	0 32	1 23	16 22	1 47	16 17	0 57	21 31	1 38	19 43	0 12	2 52	1 24	23 6	6 1	5 17	5 44	15 5	7 26	6 8
F 10	17 43	7 55	0 30	23 18	2 1	0 55	1 26	16 11	1 49	16 15	0 57	21 31	1 38	19 44	0 12	2 53	1 24	23 6	6 1	5 16	5 45	15 8	7 26	6 8
S 11	17 58	2 16	0s34	23 8	1 50	1 18	1 29	16 0	1 51	16 14	0 57	21 31	1 38	19 45	0 12	2 53	1 24	23 6	6 1	5 17	5 47	15 11	7 27	6 7
S 12	18 13	3s23	1 36	22 57	1 39	1 41	1 32	15 50	1 52	16 12	0 57	21 30	1 38	19 46	0 12	2 54	1 24	23 6	6 1	5 17	5 48	15 14	7 27	6 6
M13	18 28	8 54	2 33	22 43	1 26	2 5	1 35	15 39	1 54	16 10	0 57	21 30	1 38	19 46	0 12	2 55	1 24	23 5	6 1	5 19	5 49	15 17	7 27	6 5
T 14	18 43	14 5	3 23	22 28	1 12	2 28	1 38	15 28	1 56	16 9	0 57	21 30	1 38	19 47	0 12	2 55	1 24	23 5	6 1	5 21	5 50	15 20	7 27	6 4
W15	18 57	18 46	4 5	22 11	0 58	2 52	1 40	15 17	1 58	16 7	0 57	21 30	1 38	19 48	0 12	2 56	1 25	23 5	6 1	5 25	5 52	15 22	7 27	6 3
T 16	19 11	22 45	4 36	21 53	0 43	3 16	1 43	15 6	2 0	16 5	0 56	21 29	1 38	19 49	0 12	2 57	1 25	23 5	6 0	5 29	5 53	15 25	7 27	6 3
F 17	19 24	25 49	4 55	21 33	0 26	3 39	1 45	14 55	2 2	16 3	0 56	21 29	1 38	19 49	0 12	2 57	1 25	23 4	6 0	5 34	5 54	15 28	7 27	6 2
S 18	19 37	27 43	5 1	21 11	0 10	4 3	1 47	14 44	2 3	16 1	0 56	21 29	1 38	19 50	0 12	2 58	1 25	23 4	6 0	5 39	5 55	15 31	7 27	6 1
S 19	19 50	28 18	4 53	20 49	0s 7	4 27	1 49	14 32	2 5	15 59	0 56	21 28	1 38	19 51	0 12	2 59	1 25	23 4	6 0	5 44	5 56	15 34	7 27	6 0
M20	20 3	27 27	4 32	20 26	0 25	4 51	1 51	14 21	2 7	15 57	0 56	21 28	1 38	19 52	0 12	2 59	1 25	23 4	6 0	5 47	5 58	15 37	7 26	5 59
T 21	20 15	25 12	3 56	20 3	0 42	5 15	1 53	14 10	2 9	15 55	0 56	21 28	1 38	19 52	0 12	3 0	1 25	23 3	6 0	5 50	5 59	15 40	7 26	5 59
W22	20 27	21 38	3 8	19 39	1 0	5 39	1 55	13 58	2 11	15 53	0 56	21 28	1 38	19 53	0 12	3 0	1 25	23 3	6 0	5 52	6 0	15 43	7 26	5 58
T 23	20 38	16 56	2 10	19 15	1 17	6 3	1 57	13 47	2 13	15 51	0 56	21 27	1 38	19 54	0 12	3 1	1 25	23 3	6 0	5 53	6 1	15 46	7 26	5 57
F 24	20 50	11 19	1 3	18 51	1 35	6 26	1 58	13 36	2 15	15 48	0 56	21 27	1 38	19 55	0 12	3 1	1 25	23 2	6 0	5 53	6 3	15 49	7 26	5 56
S 25	21 0	5 2	0n10	18 28	1 51	6 50	2 0	13 24	2 17	15 46	0 56	21 27	1 38	19 55	0 12	3 2	1 25	23 2	6 0	5 53	6 4	15 52	7 25	5 56
S 26	21 11	1n40	1 23	18 6	2 7	7 14	2 1	13 13	2 19	15 44	0 56	21 27	1 38	19 56	0 12	3 3	1 25	23 2	6 0	5 53	6 5	15 54	7 25	5 55
M27	21 21	8 26	2 33	17 44	2 22	7 38	2 3	13 1	2 21	15 41	0 56	21 26	1 38	19 57	0 12	3 3	1 25	23 1	6 0	5 54	6 6	15 57	7 24	5 54
T 28	21 31	14 52	3 34	17 24	2 37	8 1	2 4	12 50	2 23	15 39	0 55	21 26	1 38	19 58	0 12	3 4	1 25	23 1	5 59	5 56	6 8	16 0	7 24	5 53
W29	21 40	20 32	4 22	17 6	2 50	8 25	2 5	12 38	2 25	15 37	0 55	21 26	1 38	19 58	0 12	3 4	1 25	23 1	5 59	5 59	6 9	16 3	7 23	5 52
T 30	21 49	24 55	4 51	16 49	3 2	8 48	2 6	12 27	2 27	15 34	0 55	21 25	1 38	19 59	0 12	3 5	1 25	23 0	5 59	6 3	6 10	16 6	7 23	5 52
F 31	21n57	27n34	5n 0	16n33	3s14	9n12	2s 7	12s15	2s29	15n32	0n55	21s25	1n38	20n 0	0s12	3n 5	1s25	23n 0	5n59	6s 7	6s11	16s 9	7n22	5s51

Julian Day Number = 2522157.5, Delta T = 156.62 sec
Ecliptic obliquity = 23°25'00, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°26'31, Lahiri = 26°33'32

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2193
geocentric

JUNE 2193 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 40 10	11♊ 8'59	29♊57	27°R47	0♉19	4♓51	20♌36	20°R 0	0♊19	11♈ 8	11♌44	14°R15	14♓13	3♏ 8	25♌56	S 1
S 2	16 44 7	12° 6'34	14♋19	27♉36	1°28	5°27	20°44	19♐55	0°22	11°10	11°45	14♓ 6	14°10	3°15	26° 0	S 2
M 3	16 48 3	13° 4'08	28°14	27°28	2°36	6° 4	20°52	19°51	0°26	11°11	11°46	13°58	14° 6	3°22	26° 4	M 3
T 4	16 52 0	14° 1'40	11♌40	27°D26	3°45	6°40	21° 0	19°46	0°29	11°12	11°47	13°53	14° 3	3°28	26° 8	T 4
W 5	16 55 56	14°59'11	24°39	27°27	4°54	7°16	21° 9	19°42	0°33	11°13	11°48	13°51	14° 0	3°35	26°13	W 5
T 6	16 59 53	15°56'41	7♍14	27°33	6° 3	7°52	21°17	19°38	0°36	11°15	11°49	13°50	13°57	3°42	26°17	T 6
F 7	17 3 50	16°54'09	19°29	27°44	7°12	8°27	21°26	19°33	0°40	11°16	11°50	13°50	13°54	3°48	26°21	F 7
S 8	17 7 46	17°51'36	1♎31	27°59	8°21	9° 3	21°34	19°29	0°43	11°17	11°51	13°49	13°51	3°55	26°26	S 8
S 9	17 11 43	18°49'02	13°24	28°18	9°30	9°39	21°43	19°24	0°46	11°18	11°52	13°47	13°47	4° 2	26°31	S 9
M10	17 15 39	19°46'27	25°13	28°42	10°39	10°14	21°52	19°20	0°50	11°19	11°54	13°43	13°44	4° 8	26°35	M10
T 11	17 19 36	20°43'51	7♏ 3	29°10	11°49	10°49	22° 1	19°15	0°53	11°20	11°55	13°37	13°41	4°15	26°40	T 11
W12	17 23 32	21°41'14	18°58	29°42	12°58	11°24	22°10	19°11	0°56	11°21	11°56	13°27	13°38	4°22	26°45	W12
T 13	17 27 29	22°38'35	0♐59	0♊19	14° 8	11°59	22°19	19° 7	1° 0	11°22	11°57	13°16	13°35	4°28	26°50	T 13
F 14	17 31 25	23°35'57	13°10	0°59	15°17	12°33	22°29	19° 2	1° 3	11°23	11°58	13° 3	13°32	4°35	26°55	F 14
S 15	17 35 22	24°33'17	25°31	1°44	16°27	13° 8	22°38	18°58	1° 6	11°24	12° 0	12°50	13°28	4°42	27° 0	S 15
S 16	17 39 19	25°30'36	8♑ 3	2°33	17°36	13°42	22°48	18°53	1° 9	11°25	12° 1	12°38	13°25	4°49	27° 5	S 16
M17	17 43 15	26°27'55	20°46	3°25	18°46	14°16	22°57	18°49	1°13	11°26	12° 2	12°28	13°22	4°55	27°11	M17
T 18	17 47 12	27°25'14	3♒40	4°22	19°56	14°50	23° 7	18°45	1°16	11°27	12° 4	12°20	13°19	5° 2	27°16	T 18
W19	17 51 8	28°22'32	16°45	5°22	21° 6	15°24	23°17	18°40	1°19	11°28	12° 5	12°15	13°16	5° 9	27°21	W19
T 20	17 55 5	29°19'49	0♓ 2	6°25	22°16	15°57	23°27	18°36	1°22	11°29	12° 6	12°13	13°12	5°15	27°27	T 20
F 21	17 59 1	0♋17'06	13°33	7°32	23°26	16°31	23°37	18°32	1°26	11°29	12° 8	12°D12	13° 9	5°22	27°32	F 21
S 22	18 2 58	1°14'23	27°17	8°43	24°36	17° 4	23°47	18°27	1°29	11°30	12° 9	12°R13	13° 6	5°29	27°38	S 22
S 23	18 6 54	2°11'40	11♈17	9°57	25°46	17°37	23°57	18°23	1°32	11°31	12°10	12°12	13° 3	5°35	27°44	S 23
M24	18 10 51	3° 8'56	25°32	11°15	26°56	18° 9	24° 7	18°19	1°35	11°31	12°12	12°11	13° 0	5°42	27°50	M24
T 25	18 14 48	4° 6'13	10♉ 0	12°36	28° 7	18°42	24°18	18°15	1°38	11°32	12°13	12° 7	12°57	5°49	27°56	T 25
W26	18 18 44	5° 3'29	24°37	14° 0	29°17	19°14	24°28	18°10	1°41	11°33	12°15	12° 0	12°53	5°55	28° 1	W26
T 27	18 22 41	6° 0'45	9♊19	15°28	0♊27	19°46	24°39	18° 6	1°44	11°33	12°16	11°52	12°50	6° 2	28° 7	T 27
F 28	18 26 37	6°58'01	23°56	16°59	1°38	20°17	24°49	18° 2	1°47	11°34	12°18	11°42	12°47	6° 9	28°14	F 28
S 29	18 30 34	7°55'17	8♋24	18°34	2°48	20°48	25° 0	17°58	1°50	11°34	12°19	11°32	12°44	6°16	28°20	S 29
S 30	18 34 30	8♋52'33	22♋33	20♊11	3♊59	21♓19	25♌11	17♐54	1♊53	11♈35	12♌21	11♓24	12♓41	6♏22	28♌26	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n 6	28n14	4n49	16n20	3s24	9n35	2s 7	12s 4	2s31	15n29	0n55	21s25	1n38	20n 1	0s12	3n 6	1s25	23n 0	5n59	6s11	6s12	16s12	7n22	5s50
S 2	22 13	26 57	4 20	16 9	3 33	9 58	2 8	11 52	2 33	15 26	0 55	21 25	1 38	20 1	0 12	3 6	1 25	22 59	5 59	6 15	6 14	16 14	7 21	5 49
M 3	22 21	24 1	3 36	16 0	3 40	10 21	2 8	11 41	2 35	15 24	0 55	21 24	1 38	20 2	0 12	3 7	1 25	22 59	5 59	6 18	6 15	16 17	7 21	5 49
T 4	22 28	19 51	2 41	15 53	3 47	10 44	2 9	11 29	2 37	15 21	0 55	21 24	1 38	20 3	0 12	3 7	1 25	22 59	5 59	6 20	6 16	16 20	7 20	5 48
W 5	22 34	14 52	1 40	15 48	3 52	11 7	2 9	11 18	2 39	15 18	0 55	21 24	1 38	20 3	0 12	3 7	1 25	22 58	5 59	6 21	6 17	16 23	7 19	5 47
T 6	22 41	9 23	0 35	15 45	3 56	11 29	2 9	11 6	2 41	15 15	0 55	21 23	1 37	20 4	0 12	3 8	1 26	22 58	5 59	6 21	6 19	16 26	7 18	5 46
F 7	22 46	3 42	0s30	15 45	3 59	11 52	2 9	10 55	2 43	15 13	0 55	21 23	1 37	20 5	0 12	3 8	1 26	22 58	5 59	6 21	6 20	16 29	7 18	5 46
S 8	22 52	2s 1	1 32	15 46	4 1	12 14	2 9	10 43	2 45	15 10	0 55	21 23	1 37	20 6	0 11	3 9	1 26	22 57	5 59	6 21	6 21	16 32	7 17	5 45
S 9	22 57	7 35	2 30	15 50	4 2	12 36	2 9	10 32	2 48	15 7	0 55	21 23	1 37	20 6	0 11	3 9	1 26	22 57	5 59	6 22	6 22	16 34	7 16	5 44
M10	23 1	12 51	3 20	15 55	4 2	12 58	2 9	10 21	2 50	15 4	0 54	21 22	1 37	20 7	0 11	3 10	1 26	22 56	5 59	6 24	6 23	16 37	7 15	5 44
T 11	23 6	17 40	4 2	16 2	4 1	13 19	2 9	10 9	2 52	15 1	0 54	21 22	1 37	20 8	0 11	3 10	1 26	22 56	5 59	6 26	6 25	16 40	7 14	5 43
W12	23 9	21 49	4 34	16 11	3 59	13 40	2 9	9 58	2 54	14 58	0 54	21 22	1 37	20 8	0 11	3 10	1 26	22 56	5 59	6 30	6 26	16 43	7 13	5 42
T 13	23 13	25 7	4 53	16 21	3 56	14 1	2 8	9 47	2 56	14 55	0 54	21 22	1 37	20 9	0 11	3 11	1 26	22 55	5 58	6 34	6 27	16 46	7 12	5 42
F 14	23 16	27 19	5 0	16 33	3 52	14 22	2 8	9 35	2 58	14 52	0 54	21 21	1 37	20 10	0 11	3 11	1 26	22 55	5 58	6 39	6 28	16 48	7 11	5 41
S 15	23 18	28 13	4 53	16 47	3 47	14 43	2 7	9 24	3 1	14 49	0 54	21 21	1 37	20 10	0 11	3 11	1 26	22 54	5 58	6 44	6 29	16 51	7 10	5 40
S 16	23 20	27 42	4 32	17 1	3 42	15 3	2 6	9 13	3 3	14 45	0 54	21 21	1 37	20 11	0 11	3 12	1 26	22 54	5 58	6 49	6 31	16 54	7 9	5 40
M17	23 22	25 43	3 57	17 17	3 36	15 23	2 5	9 2	3 5	14 42	0 54	21 20	1 37	20 12	0 11	3 12	1 26	22 54	5 58	6 53	6 32	16 57	7 8	5 39
T 18	23 23	22 23	3 9	17 34	3 29	15 42	2 5	8 51	3 7	14 39	0 54	21 20	1 37	20 12	0 11	3 12	1 26	22 53	5 58	6 56	6 33	17 0	7 6	5 38
W19	23 24	17 53	2 11	17 52	3 21	16 2	2 4	8 40	3 9	14 36	0 54	21 20	1 36	20 13	0 11	3 12	1 26	22 53	5 58	6 57	6 34	17 2	7 5	5 38
T 20	23 25	12 27	1 4	18 11	3 13	16 21	2 3	8 29	3 12	14 32	0 54	21 20	1 36	20 14	0 11	3 13	1 26	22 52	5 58	6 58	6 36	17 5	7 4	5 37
F 21	23 25	6 21	0n 7	18 31	3 5	16 39	2 1	8 18	3 14	14 29	0 54	21 19	1 36	20 14	0 11	3 13	1 26	22 52	5 58	6 59	6 37	17 8	7 3	5 36
S 22	23 25	0n 8	1 19	18 51	2 56	16 57	2 0	8 7	3 16	14 26	0 54	21 19	1 36	20 15	0 11	3 13	1 26	22 51	5 58	6 58	6 38	17 11	7 1	5 36
S 23	23 24	6 44	2 28	19 11	2 46	17 15	1 59	7 56	3 18	14 22	0 54	21 19	1 36	20 16	0 11	3 13	1 26	22 51	5 58	6 59	6 39	17 13	7 0	5 35
M24	23 23	13 6	3 29	19 32	2 36	17 33	1 58	7 46	3 21	14 19	0 54	21 19	1 36	20 16	0 11	3 14	1 26	22 51	5 58	6 59	6 40	17 16	6 59	5 34
T 25	23 21	18 52	4 17	19 53	2 25	17 50	1 56	7 35	3 23	14 15	0 54	21 18	1 36	20 17	0 11	3 14	1 26	22 50	5 58	7 1	6 42	17 19	6 57	5 34
W26	23 19	23 35	4 49	20 14	2 15	18 7	1 55	7 24	3 25	14 12	0 54	21 18	1 36	20 18	0 11	3 14	1 27	22 50	5 58	7 3	6 43	17 22	6 56	5 33
T 27	23 17	26 48	5 2	20 35	2 3	18 23	1 53	7 14	3 28	14 8	0 54	21 18	1 36	20 18	0 11	3 14	1 27	22 49	5 58	7 6	6 44	17 25	6 54	5 33
F 28	23 14	28 12	4 56	20 55	1 52	18 39	1 52	7 4	3 30	14 5	0 53	21 18	1 35	20 19	0 11	3 14	1 27	22 49	5 58	7 10	6 45	17 27	6 53	5 32
S 29	23 11	27 39	4 31	21 16	1 40	18 54	1 50	6 54	3 32	14 1	0 53	21 17	1 35	20 19	0 11	3 15	1 27	22 48	5 58	7 14	6 46	17 30	6 51	5 31
S 30	23n 7	25n18	3n49	21n35	1s28	19n 9	1s48	6s43	3s35	13n57	0n53	21s17	1n35	20n20	0s11	3n15	1s27	22n48	5n58	7s17	6s48	17s33	6n50	5s31

Julian Day Number = 2522188.5, Delta T = 156.70 sec
Ecliptic obliquity = 23°24'59, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°26'35, Lahiri = 26°33'36

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2193
geocentric

JULY 2193 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 38 27	9♋49'48	6♌20	21♊52	5♊ 9	21♓50	25♌21	17°R50	1♊56	11♈35	12♌22	11°R17	12♓38	6♏29	28♌32	M 1
T 2	18 42 24	10°47'03	19°43	23°36	6°20	22°21	25°32	17♐46	1°59	11°36	12°24	11♓13	12°34	6°36	28°39	T 2
W 3	18 46 20	11°44'17	2♍41	25°22	7°31	22°51	25°43	17°42	2° 2	11°36	12°25	11°10	12°31	6°42	28°45	W 3
T 4	18 50 17	12°41'31	15°17	27°12	8°42	23°21	25°54	17°39	2° 5	11°36	12°27	11°D10	12°28	6°49	28°51	T 4
F 5	18 54 13	13°38'45	27°35	29° 5	9°52	23°50	26° 5	17°35	2° 7	11°37	12°28	11°11	12°25	6°56	28°58	F 5
S 6	18 58 10	14°35'58	9♎38	1♋ 0	11° 3	24°19	26°17	17°31	2°10	11°37	12°30	11°R12	12°22	7° 2	29° 4	S 6
S 7	19 2 6	15°33'11	21°33	2°58	12°14	24°48	26°28	17°28	2°13	11°37	12°32	11°12	12°18	7° 9	29°11	S 7
M 8	19 6 3	16°30'23	3♏24	4°58	13°25	25°17	26°39	17°24	2°16	11°38	12°33	11°10	12°15	7°16	29°18	M 8
T 9	19 9 59	17°27'36	15°16	7° 0	14°36	25°45	26°51	17°20	2°18	11°38	12°35	11° 6	12°12	7°23	29°25	T 9
W10	19 13 56	18°24'48	27°14	9° 4	15°47	26°13	27° 2	17°17	2°21	11°38	12°36	11° 1	12° 9	7°29	29°31	W10
T 11	19 17 53	19°22'00	9♐22	11°10	16°58	26°40	27°14	17°13	2°24	11°38	12°38	10°53	12° 6	7°36	29°38	T 11
F 12	19 21 49	20°19'12	21°41	13°17	18° 9	27° 8	27°25	17°10	2°26	11°38	12°40	10°44	12° 3	7°43	29°45	F 12
S 13	19 25 46	21°16'25	4♑14	15°25	19°21	27°34	27°37	17° 7	2°29	11°38	12°41	10°36	11°59	7°49	29°52	S 13
S 14	19 29 42	22°13'37	17° 1	17°34	20°32	28° 1	27°48	17° 4	2°32	11°R38	12°43	10°27	11°56	7°56	29°59	S 14
M15	19 33 39	23°10'49	0♒ 3	19°43	21°43	28°27	28° 0	17° 0	2°34	11°38	12°45	10°21	11°53	8° 3	0♍ 6	M15
T 16	19 37 35	24° 8'02	13°18	21°52	22°55	28°52	28°12	16°57	2°37	11°38	12°46	10°16	11°50	8° 9	0°13	T 16
W17	19 41 32	25° 5'15	26°45	24° 2	24° 6	29°17	28°24	16°54	2°39	11°38	12°48	10°13	11°47	8°16	0°20	W17
T 18	19 45 28	26° 2'28	10♓23	26°10	25°18	29°42	28°36	16°51	2°41	11°38	12°50	10°D12	11°44	8°23	0°28	T 18
F 19	19 49 25	26°59'42	24°11	28°19	26°29	0♈ 6	28°48	16°49	2°44	11°38	12°52	10°13	11°40	8°30	0°35	F 19
S 20	19 53 22	27°56'56	8♈ 7	0♌26	27°41	0°30	29° 0	16°46	2°46	11°38	12°53	10°14	11°37	8°36	0°42	S 20
S 21	19 57 18	28°54'12	22°11	2°32	28°52	0°54	29°12	16°43	2°48	11°37	12°55	10°R15	11°34	8°43	0°49	S 21
M22	20 1 15	29°51'27	6♉22	4°38	0♋ 4	1°16	29°24	16°40	2°51	11°37	12°57	10°15	11°31	8°50	0°57	M22
T 23	20 5 11	0♌48'44	20°37	6°42	1°16	1°39	29°36	16°38	2°53	11°37	12°58	10°13	11°28	8°56	1° 4	T 23
W24	20 9 8	1°46'02	4♊55	8°44	2°28	2° 1	29°48	16°35	2°55	11°37	13° 0	10°10	11°24	9° 3	1°12	W24
T 25	20 13 4	2°43'20	19°11	10°45	3°40	2°22	0♍ 0	16°33	2°57	11°36	13° 2	10° 6	11°21	9°10	1°19	T 25
F 26	20 17 1	3°40'39	3♋22	12°45	4°51	2°43	0°13	16°31	2°59	11°36	13° 4	10° 0	11°18	9°16	1°27	F 26
S 27	20 20 57	4°37'59	17°23	14°42	6° 3	3° 3	0°25	16°28	3° 1	11°36	13° 5	9°55	11°15	9°23	1°34	S 27
S 28	20 24 54	5°35'20	1♌10	16°39	7°15	3°23	0°37	16°26	3° 3	11°35	13° 7	9°50	11°12	9°30	1°42	S 28
M29	20 28 51	6°32'41	14°40	18°33	8°27	3°42	0°50	16°24	3° 5	11°35	13° 9	9°46	11° 9	9°37	1°49	M29
T 30	20 32 47	7°30'03	27°50	20°26	9°40	4° 0	1° 2	16°22	3° 7	11°34	13°11	9°44	11° 5	9°43	1°57	T 30
W31	20 36 44	8♌27'25	10♍41	22♌17	10♋52	4♈18	1♍15	16♐20	3♊ 9	11♈34	13♌12	9°D44	11♓ 2	9♏50	2♍ 5	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23n 3	21n29	2n55	21n54	1s16	19n24	1s46	6s33	3s37	13n54	0n53	21s17	1n35	20n21	0s11	3n15	1s27	22n47	5n58	7s20	6s49	17s35	6n48	5s30
T 2	22 59	16 40	1 52	22 12	1 4	19 38	1 44	6 24	3 39	13 50	0 53	21 17	1 35	20 21	0 11	3 15	1 27	22 47	5 58	7 21	6 50	17 38	6 47	5 30
W 3	22 54	11 13	0 45	22 28	0 52	19 51	1 42	6 14	3 42	13 46	0 53	21 17	1 35	20 22	0 11	3 15	1 27	22 47	5 58	7 22	6 51	17 41	6 45	5 29
T 4	22 49	5 27	0s22	22 43	0 40	20 5	1 40	6 4	3 44	13 42	0 53	21 16	1 35	20 22	0 11	3 15	1 27	22 46	5 58	7 22	6 53	17 44	6 43	5 29
F 5	22 43	0s22	1 27	22 57	0 28	20 17	1 38	5 55	3 46	13 39	0 53	21 16	1 35	20 23	0 11	3 15	1 27	22 46	5 58	7 22	6 54	17 46	6 42	5 28
S 6	22 37	6 4	2 26	23 9	0 16	20 29	1 36	5 45	3 49	13 35	0 53	21 16	1 34	20 23	0 11	3 15	1 27	22 45	5 58	7 22	6 55	17 49	6 40	5 27
S 7	22 31	11 28	3 19	23 19	0 4	20 41	1 34	5 36	3 51	13 31	0 53	21 16	1 34	20 24	0 11	3 15	1 27	22 45	5 58	7 22	6 56	17 52	6 38	5 27
M 8	22 24	16 26	4 3	23 26	0n 7	20 52	1 32	5 27	3 54	13 27	0 53	21 16	1 34	20 24	0 11	3 15	1 27	22 44	5 58	7 22	6 57	17 54	6 36	5 26
T 9	22 17	20 48	4 36	23 32	0 18	21 3	1 30	5 18	3 56	13 23	0 53	21 15	1 34	20 25	0 11	3 15	1 27	22 44	5 58	7 24	6 59	17 57	6 34	5 26
W10	22 9	24 21	4 58	23 35	0 29	21 13	1 27	5 9	3 58	13 19	0 53	21 15	1 34	20 26	0 11	3 15	1 27	22 43	5 58	7 26	7 0	18 0	6 33	5 25
T 11	22 1	26 52	5 6	23 35	0 39	21 22	1 25	5 0	4 1	13 15	0 53	21 15	1 34	20 26	0 11	3 15	1 27	22 43	5 58	7 29	7 1	18 3	6 31	5 25
F 12	21 53	28 9	5 1	23 33	0 48	21 31	1 23	4 52	4 3	13 11	0 53	21 15	1 33	20 27	0 11	3 15	1 27	22 42	5 58	7 32	7 2	18 5	6 29	5 24
S 13	21 44	28 2	4 41	23 28	0 57	21 39	1 20	4 43	4 6	13 7	0 53	21 15	1 33	20 27	0 11	3 15	1 27	22 42	5 58	7 35	7 3	18 8	6 27	5 24
S 14	21 35	26 25	4 7	23 21	1 6	21 47	1 18	4 35	4 8	13 3	0 53	21 15	1 33	20 28	0 11	3 15	1 28	22 41	5 58	7 38	7 5	18 11	6 25	5 23
M15	21 26	23 22	3 19	23 11	1 13	21 54	1 15	4 27	4 10	12 59	0 53	21 14	1 33	20 28	0 11	3 15	1 28	22 41	5 58	7 41	7 6	18 13	6 23	5 23
T 16	21 16	19 3	2 20	22 58	1 20	22 1	1 13	4 19	4 13	12 55	0 53	21 14	1 33	20 29	0 11	3 15	1 28	22 40	5 58	7 43	7 7	18 16	6 21	5 22
W17	21 6	13 43	1 12	22 42	1 26	22 7	1 10	4 11	4 15	12 51	0 53	21 14	1 33	20 29	0 11	3 15	1 28	22 40	5 58	7 44	7 8	18 19	6 19	5 22
T 18	20 55	7 39	0n 1	22 24	1 32	22 12	1 8	4 3	4 17	12 47	0 53	21 14	1 32	20 30	0 11	3 15	1 28	22 39	5 58	7 44	7 10	18 21	6 17	5 22
F 19	20 44	1 10	1 15	22 3	1 36	22 17	1 5	3 56	4 20	12 43	0 53	21 14	1 32	20 30	0 11	3 15	1 28	22 39	5 58	7 44	7 11	18 24	6 15	5 21
S 20	20 33	5n27	2 25	21 40	1 40	22 22	1 2	3 49	4 22	12 38	0 53	21 14	1 32	20 30	0 11	3 15	1 28	22 39	5 58	7 43	7 12	18 27	6 13	5 21
S 21	20 22	11 50	3 28	21 15	1 43	22 25	1 0	3 42	4 25	12 34	0 53	21 14	1 32	20 31	0 11	3 15	1 28	22 38	5 58	7 43	7 13	18 29	6 10	5 20
M22	20 10	17 41	4 18	20 47	1 45	22 28	0 57	3 35	4 27	12 30	0 53	21 14	1 32	20 31	0 11	3 14	1 28	22 38	5 58	7 43	7 14	18 32	6 8	5 20
T 23	19 57	22 35	4 52	20 18	1 47	22 30	0 54	3 28	4 29	12 26	0 53	21 14	1 32	20 32	0 11	3 14	1 28	22 37	5 58	7 44	7 16	18 34	6 6	5 19
W24	19 45	26 9	5 9	19 47	1 48	22 32	0 51	3 21	4 32	12 21	0 53	21 14	1 31	20 32	0 11	3 14	1 28	22 37	5 58	7 45	7 17	18 37	6 4	5 19
T 25	19 32	28 4	5 6	19 15	1 48	22 33	0 49	3 15	4 34	12 17	0 53	21 14	1 31	20 33	0 11	3 14	1 28	22 36	5 58	7 47	7 18	18 40	6 2	5 19
F 26	19 19	28 7	4 45	18 41	1 47	22 34	0 46	3 9	4 37	12 13	0 53	21 13	1 31	20 33	0 11	3 14	1 28	22 36	5 58	7 49	7 19	18 42	5 59	5 18
S 27	19 5	26 22	4 7	18 6	1 46	22 34	0 43	3 3	4 39	12 8	0 53	21 13	1 31	20 33	0 11	3 14	1 28	22 35	5 58	7 51	7 20	18 45	5 57	5 18
S 28	18 51	23 3	3 15	17 30	1 44	22 33	0 40	2 58	4 41	12 4	0 53	21 13	1 31	20 34	0 11	3 13	1 28	22 35	5 58	7 52	7 22	18 48	5 55	5 17
M29	18 37	18 32	2 13	16 52	1 42	22 31	0 37	2 52	4 44	12 0	0 53	21 13	1 30	20 34	0 11	3 13	1 28	22 34	5 58	7 54	7 23	18 50	5 53	5 17
T 30	18 23	13 13	1 5	16 14	1 39	22 29	0 35	2 47	4 46	11 55	0 53	21 13	1 30	20 35	0 11	3 13	1 28	22 34	5 58	7 55	7 24	18 53	5 50	5 17
W31	18n 8	7n29	0s 5	15n35	1n36	22n27	0s32	2s42	4s48	11n51	0n53	21s13	1n30	20n35	0s11	3n13	1s28	22n33	5n58	7s55	7s25	18s55	5n48	5s16

Julian Day Number = 2522218.5, Delta T = 156.78 sec
Ecliptic obliquity = 23°24'59, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°26'40, Lahiri = 26°33'40

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2193
geocentric

AUGUST 2193 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 40 40	9♌24'48	23♍13	24♌ 7	12♋ 4	4♈35	1♍27	16°R18	3♊11	11°R33	13♌14	9♓44	10♓59	9♏57	2♍13	T 1
F 2	20 44 37	10°22'11	5♎29	25°54	13°16	4°52	1°40	16♐17	3°13	11♈33	13°16	9°46	10°56	10° 3	2°20	F 2
S 3	20 48 33	11°19'35	17°33	27°40	14°28	5° 8	1°52	16°15	3°15	11°32	13°18	9°48	10°53	10°10	2°28	S 3
S 4	20 52 30	12°17'00	29°29	29°25	15°41	5°23	2° 5	16°14	3°16	11°31	13°19	9°49	10°50	10°17	2°36	S 4
M 5	20 56 26	13°14'25	11♏21	1♍ 8	16°53	5°38	2°18	16°12	3°18	11°31	13°21	9°R50	10°46	10°23	2°44	M 5
T 6	21 0 23	14°11'51	23°14	2°49	18° 6	5°52	2°30	16°11	3°20	11°30	13°23	9°49	10°43	10°30	2°52	T 6
W 7	21 4 20	15° 9'18	5♐14	4°28	19°18	6° 6	2°43	16°10	3°21	11°29	13°25	9°48	10°40	10°37	3° 0	W 7
T 8	21 8 16	16° 6'45	17°24	6° 6	20°31	6°18	2°56	16° 8	3°23	11°28	13°27	9°45	10°37	10°44	3° 7	T 8
F 9	21 12 13	17° 4'13	29°48	7°42	21°43	6°30	3° 9	16° 7	3°24	11°28	13°28	9°42	10°34	10°50	3°15	F 9
S 10	21 16 9	18° 1'42	12♑28	9°17	22°56	6°41	3°21	16° 6	3°26	11°27	13°30	9°39	10°30	10°57	3°23	S 10
S 11	21 20 6	18°59'12	25°28	10°50	24° 8	6°52	3°34	16° 5	3°27	11°26	13°32	9°36	10°27	11° 4	3°31	S 11
M12	21 24 2	19°56'42	8♒46	12°21	25°21	7° 2	3°47	16° 5	3°29	11°25	13°34	9°33	10°24	11°10	3°39	M12
T 13	21 27 59	20°54'14	22°22	13°50	26°34	7°11	4° 0	16° 4	3°30	11°24	13°35	9°32	10°21	11°17	3°47	T 13
W14	21 31 55	21°51'46	6♓14	15°18	27°47	7°19	4°13	16° 3	3°31	11°23	13°37	9°D31	10°18	11°24	3°56	W14
T 15	21 35 52	22°49'20	20°18	16°45	28°59	7°27	4°26	16° 3	3°32	11°22	13°39	9°31	10°15	11°31	4° 4	T 15
F 16	21 39 49	23°46'55	4♈31	18° 9	0♌12	7°33	4°39	16° 2	3°34	11°21	13°41	9°32	10°11	11°37	4°12	F 16
S 17	21 43 45	24°44'32	18°49	19°32	1°25	7°39	4°51	16° 2	3°35	11°20	13°42	9°33	10° 8	11°44	4°20	S 17
S 18	21 47 42	25°42'10	3♉ 8	20°53	2°38	7°44	5° 4	16° 2	3°36	11°19	13°44	9°34	10° 5	11°51	4°28	S 18
M19	21 51 38	26°39'49	17°25	22°12	3°51	7°49	5°17	16° 2	3°37	11°18	13°46	9°35	10° 2	11°57	4°36	M19
T 20	21 55 35	27°37'30	1♊38	23°30	5° 4	7°52	5°30	16°D 2	3°38	11°17	13°48	9°R35	9°59	12° 4	4°44	T 20
W21	21 59 31	28°35'13	15°44	24°45	6°17	7°55	5°43	16° 2	3°39	11°16	13°49	9°35	9°56	12°11	4°52	W21
T 22	22 3 28	29°32'58	29°41	25°59	7°31	7°57	5°56	16° 2	3°40	11°15	13°51	9°34	9°52	12°17	5° 1	T 22
F 23	22 7 24	0♍30'44	13♋27	27°11	8°44	7°58	6° 9	16° 2	3°41	11°14	13°53	9°33	9°49	12°24	5° 9	F 23
S 24	22 11 21	1°28'32	27° 1	28°20	9°57	7°R58	6°22	16° 3	3°41	11°13	13°54	9°32	9°46	12°31	5°17	S 24
S 25	22 15 18	2°26'21	10♌22	29°27	11°10	7°57	6°35	16° 3	3°42	11°12	13°56	9°31	9°43	12°38	5°25	S 25
M26	22 19 14	3°24'11	23°28	0♎32	12°24	7°55	6°48	16° 4	3°43	11°10	13°58	9°30	9°40	12°44	5°33	M26
T 27	22 23 11	4°22'03	6♍20	1°35	13°37	7°53	7° 1	16° 4	3°43	11° 9	14° 0	9°D30	9°36	12°51	5°41	T 27
W28	22 27 7	5°19'57	18°57	2°35	14°51	7°49	7°15	16° 5	3°44	11° 8	14° 1	9°30	9°33	12°58	5°50	W28
T 29	22 31 4	6°17'52	1♎20	3°33	16° 4	7°45	7°28	16° 6	3°45	11° 7	14° 3	9°30	9°30	13° 4	5°58	T 29
F 30	22 35 0	7°15'48	13°31	4°28	17°18	7°40	7°41	16° 7	3°45	11° 5	14° 4	9°30	9°27	13°11	6° 6	F 30
S 31	22 38 57	8♍13'45	25♎32	5♎19	18♌31	7♈34	7♍54	16♐ 8	3♊45	11♈ 4	14♌ 6	9♓31	9♓24	13♏18	6♍14	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17n53	1n34	1s13	14n55	1n32	22n23	0s29	2s37	4s50	11n46	0n53	21s13	1n30	20n35	0s11	3n12	1s29	22n33	5n58	7s55	7s26	18s58	5n45	5s16
F 2	17 37	4s16	2 16	14 14	1 27	22 19	0 26	2 33	4 53	11 42	0 53	21 13	1 30	20 36	0 11	3 12	1 29	22 32	5 59	7 54	7 28	19 0	5 43	5 16
S 3	17 22	9 51	3 12	13 33	1 22	22 15	0 23	2 29	4 55	11 37	0 53	21 13	1 29	20 36	0 11	3 12	1 29	22 32	5 59	7 53	7 29	19 3	5 41	5 15
S 4	17 6	15 1	4 0	12 52	1 17	22 9	0 21	2 24	4 57	11 33	0 53	21 14	1 29	20 36	0 11	3 12	1 29	22 32	5 59	7 53	7 30	19 6	5 38	5 15
M 5	16 50	19 36	4 36	12 10	1 11	22 4	0 18	2 21	4 59	11 28	0 53	21 14	1 29	20 37	0 11	3 11	1 29	22 31	5 59	7 53	7 31	19 8	5 36	5 15
T 6	16 33	23 25	5 1	11 28	1 5	21 57	0 15	2 17	5 1	11 24	0 53	21 14	1 29	20 37	0 11	3 11	1 29	22 31	5 59	7 53	7 32	19 11	5 33	5 14
W 7	16 17	26 17	5 13	10 46	0 59	21 50	0 12	2 14	5 4	11 19	0 53	21 14	1 29	20 37	0 11	3 11	1 29	22 30	5 59	7 53	7 34	19 13	5 31	5 14
T 8	16 0	27 59	5 11	10 4	0 52	21 42	0 9	2 11	5 6	11 15	0 53	21 14	1 28	20 38	0 11	3 10	1 29	22 30	5 59	7 54	7 35	19 16	5 28	5 14
F 9	15 42	28 20	4 55	9 22	0 45	21 34	0 6	2 8	5 8	11 10	0 53	21 14	1 28	20 38	0 11	3 10	1 29	22 29	5 59	7 55	7 36	19 18	5 26	5 13
S 10	15 25	27 13	4 24	8 39	0 37	21 25	0 4	2 5	5 10	11 5	0 53	21 14	1 28	20 38	0 11	3 10	1 29	22 29	5 59	7 57	7 37	19 21	5 23	5 13
S 11	15 7	24 37	3 39	7 57	0 29	21 15	0 1	2 3	5 12	11 1	0 53	21 14	1 28	20 38	0 11	3 9	1 29	22 28	5 59	7 58	7 38	19 23	5 20	5 13
M12	14 49	20 39	2 41	7 15	0 21	21 5	0n 2	2 1	5 14	10 56	0 53	21 14	1 28	20 39	0 11	3 9	1 29	22 28	5 59	7 59	7 40	19 26	5 18	5 12
T 13	14 31	15 31	1 33	6 33	0 13	20 54	0 5	1 59	5 15	10 51	0 53	21 14	1 27	20 39	0 11	3 8	1 29	22 28	5 59	7 59	7 41	19 29	5 15	5 12
W14	14 12	9 30	0 18	5 52	0 5	20 42	0 7	1 57	5 17	10 47	0 53	21 14	1 27	20 39	0 11	3 8	1 29	22 27	5 59	8 0	7 42	19 31	5 13	5 12
T 15	13 54	2 56	0n59	5 10	0s 4	20 30	0 10	1 56	5 19	10 42	0 53	21 15	1 27	20 39	0 11	3 8	1 29	22 27	6 0	8 0	7 43	19 34	5 10	5 12
F 16	13 35	3n50	2 14	4 29	0 13	20 18	0 13	1 55	5 21	10 37	0 53	21 15	1 27	20 40	0 11	3 7	1 29	22 26	6 0	7 59	7 44	19 36	5 7	5 11
S 17	13 16	10 27	3 20	3 48	0 22	20 4	0 15	1 54	5 22	10 33	0 53	21 15	1 27	20 40	0 11	3 7	1 29	22 26	6 0	7 59	7 46	19 39	5 5	5 11
S 18	12 56	16 32	4 15	3 8	0 31	19 51	0 18	1 54	5 24	10 28	0 53	21 15	1 26	20 40	0 11	3 6	1 29	22 25	6 0	7 58	7 47	19 41	5 2	5 11
M19	12 37	21 42	4 53	2 28	0 40	19 36	0 20	1 53	5 25	10 23	0 53	21 15	1 26	20 40	0 11	3 6	1 29	22 25	6 0	7 58	7 48	19 44	4 59	5 11
T 20	12 17	25 35	5 13	1 49	0 50	19 21	0 23	1 53	5 27	10 19	0 53	21 16	1 26	20 40	0 11	3 5	1 29	22 25	6 0	7 58	7 49	19 46	4 57	5 10
W21	11 57	27 52	5 14	1 10	0 59	19 6	0 26	1 54	5 28	10 14	0 53	21 16	1 26	20 41	0 11	3 5	1 29	22 24	6 0	7 58	7 50	19 49	4 54	5 10
T 22	11 37	28 22	4 57	0 32	1 9	18 50	0 28	1 54	5 30	10 9	0 53	21 16	1 26	20 41	0 11	3 4	1 29	22 24	6 0	7 59	7 52	19 51	4 51	5 10
F 23	11 17	27 6	4 23	0s 5	1 19	18 33	0 31	1 55	5 31	10 4	0 53	21 16	1 25	20 41	0 11	3 4	1 30	22 23	6 0	7 59	7 53	19 54	4 48	5 10
S 24	10 56	24 14	3 34	0 42	1 29	18 16	0 33	1 56	5 32	10 0	0 53	21 16	1 25	20 41	0 11	3 3	1 30	22 23	6 1	7 59	7 54	19 56	4 46	5 10
S 25	10 36	20 6	2 34	1 17	1 38	17 58	0 35	1 57	5 33	9 55	0 53	21 17	1 25	20 41	0 11	3 3	1 30	22 23	6 1	8 0	7 55	19 58	4 43	5 9
M26	10 15	15 4	1 28	1 52	1 48	17 40	0 38	1 59	5 34	9 50	0 53	21 17	1 25	20 41	0 11	3 2	1 30	22 22	6 1	8 0	7 56	20 1	4 40	5 9
T 27	9 54	9 27	0 18	2 26	1 58	17 22	0 40	2 0	5 35	9 45	0 54	21 17	1 25	20 41	0 11	3 2	1 30	22 22	6 1	8 0	7 58	20 3	4 37	5 9
W28	9 33	3 34	0s52	2 59	2 8	17 2	0 42	2 2	5 36	9 40	0 54	21 18	1 24	20 42	0 11	3 1	1 30	22 21	6 1	8 0	7 59	20 6	4 34	5 9
T 29	9 12	2s20	1 58	3 31	2 18	16 43	0 44	2 5	5 36	9 36	0 54	21 18	1 24	20 42	0 11	3 1	1 30	22 21	6 1	8 0	8 0	20 8	4 31	5 9
F 30	8 50	8 3	2 58	4 1	2 27	16 23	0 47	2 7	5 37	9 31	0 54	21 18	1 24	20 42	0 11	3 0	1 30	22 21	6 1	8 0	8 1	20 11	4 29	5 9
S 31	8n29	13s24	3s48	4s31	2s37	16n 2	0n49	2s10	5s37	9n26	0n54	21s18	1n24	20n42	0s11	3n 0	1s30	22n20	6n 1	8s 0	8s 2	20s13	4n26	5s 9

Julian Day Number = 2522249.5, Delta T = 156.85 sec
Ecliptic obliquity = 23°24'59, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°26'44, Lahiri = 26°33'44

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2193
geocentric

SEPTEMBER 2193 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 42 53	9♍11'44	7♏27	6♎ 8	19♌45	7°R28	8♍ 7	16♐ 9	3♊46	11°R 3	14♌ 8	9°R31	9♓21	13♏25	6♍23	S 1
M 2	22 46 50	10° 9'45	19°19	6°53	20°58	7♈20	8°20	16°10	3°46	11♈ 1	14° 9	9♓31	9°17	13°31	6°31	M 2
T 3	22 50 47	11° 7'47	1♐12	7°35	22°12	7°12	8°33	16°12	3°47	11° 0	14°11	9°31	9°14	13°38	6°39	T 3
W 4	22 54 43	12° 5'50	13°10	8°13	23°26	7° 3	8°46	16°13	3°47	10°58	14°13	9°D31	9°11	13°45	6°47	W 4
T 5	22 58 40	13° 3'54	25°19	8°47	24°40	6°54	8°59	16°15	3°47	10°57	14°14	9°31	9° 8	13°51	6°55	T 5
F 6	23 2 36	14° 2'00	7♑42	9°17	25°53	6°44	9°12	16°16	3°47	10°56	14°16	9°31	9° 5	13°58	7° 4	F 6
S 7	23 6 33	15° 0'08	20°24	9°42	27° 7	6°33	9°25	16°18	3°47	10°54	14°17	9°31	9° 2	14° 5	7°12	S 7
S 8	23 10 29	15°58'17	3♒27	10° 2	28°21	6°21	9°38	16°20	3°R47	10°53	14°19	9°32	8°58	14°12	7°20	S 8
M 9	23 14 26	16°56'27	16°54	10°17	29°35	6° 9	9°51	16°22	3°47	10°51	14°20	9°33	8°55	14°18	7°28	M 9
T 10	23 18 22	17°54'39	0♓44	10°26	0♍49	5°56	10° 4	16°24	3°47	10°50	14°22	9°33	8°52	14°25	7°36	T 10
W11	23 22 19	18°52'52	14°56	10°R30	2° 3	5°42	10°17	16°26	3°47	10°48	14°23	9°R33	8°49	14°32	7°44	W11
T 12	23 26 16	19°51'07	29°25	10°28	3°17	5°28	10°30	16°28	3°47	10°47	14°25	9°33	8°46	14°38	7°53	T 12
F 13	23 30 12	20°49'24	14♈ 5	10°19	4°31	5°14	10°43	16°30	3°47	10°45	14°26	9°32	8°42	14°45	8° 1	F 13
S 14	23 34 9	21°47'43	28°51	10° 4	5°45	4°59	10°56	16°32	3°46	10°44	14°28	9°30	8°39	14°52	8° 9	S 14
S 15	23 38 5	22°46'04	13♉33	9°42	6°59	4°43	11° 9	16°35	3°46	10°42	14°29	9°29	8°36	14°58	8°17	S 15
M16	23 42 2	23°44'27	28° 8	9°14	8°13	4°28	11°21	16°37	3°46	10°40	14°31	9°27	8°33	15° 5	8°25	M16
T 17	23 45 58	24°42'52	12♊29	8°39	9°27	4°12	11°34	16°40	3°45	10°39	14°32	9°26	8°30	15°12	8°33	T 17
W18	23 49 55	25°41'19	26°33	7°57	10°42	3°55	11°47	16°43	3°45	10°37	14°34	9°D26	8°27	15°19	8°41	W18
T 19	23 53 51	26°39'49	10♋20	7°10	11°56	3°38	12° 0	16°46	3°44	10°36	14°35	9°27	8°23	15°25	8°49	T 19
F 20	23 57 48	27°38'21	23°50	6°17	13°10	3°21	12°13	16°49	3°44	10°34	14°36	9°28	8°20	15°32	8°57	F 20
S 21	0 1 45	28°36'55	7♌ 3	5°19	14°25	3° 4	12°26	16°52	3°43	10°32	14°38	9°29	8°17	15°39	9° 5	S 21
S 22	0 5 41	29°35'31	20° 1	4°18	15°39	2°47	12°38	16°55	3°42	10°31	14°39	9°30	8°14	15°45	9°13	S 22
M23	0 9 38	0♎34'09	2♍45	3°14	16°53	2°30	12°51	16°58	3°42	10°29	14°40	9°31	8°11	15°52	9°21	M23
T 24	0 13 34	1°32'49	15°17	2°10	18° 8	2°13	13° 4	17° 1	3°41	10°28	14°42	9°R31	8° 7	15°59	9°29	T 24
W25	0 17 31	2°31'31	27°38	1° 6	19°22	1°55	13°17	17° 4	3°40	10°26	14°43	9°30	8° 4	16° 6	9°37	W25
T 26	0 21 27	3°30'14	9♎50	0° 4	20°37	1°38	13°29	17° 8	3°39	10°24	14°44	9°28	8° 1	16°12	9°45	T 26
F 27	0 25 24	4°29'00	21°54	29♍ 6	21°51	1°21	13°42	17°11	3°38	10°23	14°46	9°24	7°58	16°19	9°52	F 27
S 28	0 29 20	5°27'48	3♏51	28°13	23° 6	1° 4	13°54	17°15	3°37	10°21	14°47	9°20	7°55	16°26	10° 0	S 28
S 29	0 33 17	6°26'38	15°44	27°27	24°21	0°48	14° 7	17°18	3°36	10°19	14°48	9°15	7°52	16°32	10° 8	S 29
M30	0 37 13	7♎25'29	27♏34	26♍49	25♍35	0♈32	14♍19	17♐22	3♊35	10♈18	14♌49	9♓11	7♓48	16♏39	10♍16	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n 7	18s13	4s29	4s59	2s46	15n41	0n51	2s12	5s37	9n21	0n54	21s19	1n24	20n42	0s11	2n59	1s30	22n20	6n 2	8s 0	8s 4	20s16	4n23	5s 8
M 2	7 45	22 18	4 58	5 25	2 56	15 20	0 53	2 15	5 37	9 16	0 54	21 19	1 23	20 42	0 11	2 59	1 30	22 20	6 2	8 0	8 5	20 18	4 20	5 8
T 3	7 23	25 30	5 14	5 50	3 5	14 58	0 55	2 19	5 37	9 11	0 54	21 19	1 23	20 42	0 11	2 58	1 30	22 19	6 2	8 0	8 6	20 20	4 17	5 8
W 4	7 1	27 35	5 16	6 13	3 13	14 35	0 57	2 22	5 37	9 7	0 54	21 20	1 23	20 42	0 11	2 58	1 30	22 19	6 2	8 0	8 7	20 23	4 14	5 8
T 5	6 39	28 25	5 5	6 34	3 22	14 13	0 59	2 26	5 37	9 2	0 54	21 20	1 23	20 42	0 11	2 57	1 30	22 19	6 2	8 0	8 8	20 25	4 11	5 8
F 6	6 17	27 51	4 40	6 53	3 30	13 50	1 1	2 29	5 37	8 57	0 54	21 20	1 22	20 42	0 11	2 56	1 30	22 18	6 2	8 0	8 10	20 28	4 9	5 8
S 7	5 54	25 49	4 0	7 10	3 37	13 26	1 2	2 33	5 36	8 52	0 54	21 21	1 22	20 42	0 11	2 56	1 30	22 18	6 2	7 59	8 11	20 30	4 6	5 8
S 8	5 32	22 24	3 7	7 24	3 44	13 2	1 4	2 37	5 35	8 47	0 54	21 21	1 22	20 42	0 11	2 55	1 30	22 18	6 3	7 59	8 12	20 32	4 3	5 8
M 9	5 9	17 42	2 2	7 36	3 51	12 38	1 6	2 41	5 34	8 42	0 54	21 22	1 22	20 42	0 11	2 55	1 30	22 17	6 3	7 59	8 13	20 35	4 0	5 8
T 10	4 46	11 58	0 49	7 45	3 56	12 13	1 7	2 45	5 33	8 38	0 54	21 22	1 22	20 42	0 11	2 54	1 30	22 17	6 3	7 59	8 14	20 37	3 57	5 7
W11	4 24	5 28	0n30	7 51	4 1	11 48	1 9	2 49	5 32	8 33	0 54	21 22	1 21	20 42	0 11	2 53	1 30	22 17	6 3	7 59	8 15	20 40	3 54	5 7
T 12	4 1	1n25	1 48	7 54	4 5	11 23	1 10	2 54	5 31	8 28	0 54	21 23	1 21	20 42	0 11	2 53	1 30	22 16	6 3	7 59	8 17	20 42	3 51	5 7
F 13	3 38	8 19	3 0	7 53	4 8	10 58	1 12	2 58	5 29	8 23	0 55	21 23	1 21	20 42	0 11	2 52	1 30	22 16	6 3	7 59	8 18	20 44	3 48	5 7
S 14	3 15	14 47	4 0	7 49	4 10	10 32	1 13	3 2	5 28	8 18	0 55	21 24	1 21	20 42	0 11	2 51	1 30	22 16	6 4	8 0	8 19	20 47	3 45	5 7
S 15	2 52	20 24	4 44	7 41	4 11	10 6	1 15	3 7	5 26	8 13	0 55	21 24	1 21	20 42	0 11	2 51	1 30	22 16	6 4	8 0	8 20	20 49	3 42	5 7
M16	2 29	24 45	5 10	7 29	4 10	9 39	1 16	3 11	5 24	8 9	0 55	21 25	1 21	20 42	0 11	2 50	1 30	22 15	6 4	8 1	8 21	20 51	3 39	5 7
T 17	2 6	27 29	5 15	7 13	4 7	9 12	1 17	3 16	5 22	8 4	0 55	21 25	1 20	20 42	0 11	2 50	1 30	22 15	6 4	8 1	8 23	20 54	3 36	5 7
W18	1 43	28 24	5 2	6 52	4 3	8 45	1 18	3 20	5 20	7 59	0 55	21 26	1 20	20 42	0 11	2 49	1 30	22 15	6 4	8 1	8 24	20 56	3 33	5 7
T 19	1 20	27 31	4 31	6 28	3 57	8 18	1 19	3 24	5 17	7 54	0 55	21 26	1 20	20 42	0 11	2 48	1 30	22 15	6 4	8 1	8 25	20 58	3 30	5 7
F 20	0 56	25 2	3 46	6 0	3 49	7 50	1 20	3 29	5 15	7 49	0 55	21 26	1 20	20 41	0 11	2 48	1 30	22 14	6 5	8 1	8 26	21 1	3 27	5 7
S 21	0 33	21 14	2 50	5 28	3 39	7 23	1 21	3 33	5 12	7 45	0 55	21 27	1 20	20 41	0 11	2 47	1 30	22 14	6 5	8 0	8 27	21 3	3 24	5 7
S 22	0 10	16 28	1 45	4 53	3 28	6 55	1 22	3 37	5 9	7 40	0 55	21 27	1 19	20 41	0 11	2 46	1 30	22 14	6 5	8 0	8 29	21 5	3 21	5 7
M23	0s14	11 4	0 37	4 15	3 14	6 27	1 23	3 41	5 6	7 35	0 55	21 28	1 19	20 41	0 11	2 46	1 30	22 14	6 5	8 0	8 30	21 8	3 18	5 7
T 24	0 37	5 18	0s32	3 35	2 59	5 58	1 23	3 45	5 3	7 30	0 55	21 28	1 19	20 41	0 11	2 45	1 30	22 13	6 5	8 0	8 31	21 10	3 15	5 7
W25	1 0	0s34	1 38	2 55	2 42	5 30	1 24	3 49	4 59	7 25	0 56	21 29	1 19	20 41	0 11	2 44	1 30	22 13	6 6	8 0	8 32	21 12	3 13	5 7
T 26	1 24	6 20	2 39	2 13	2 24	5 1	1 25	3 52	4 56	7 21	0 56	21 29	1 19	20 41	0 11	2 44	1 30	22 13	6 6	8 1	8 33	21 15	3 10	5 7
F 27	1 47	11 48	3 32	1 33	2 4	4 32	1 25	3 56	4 52	7 16	0 56	21 30	1 18	20 40	0 11	2 43	1 30	22 13	6 6	8 2	8 34	21 17	3 7	5 7
S 28	2 10	16 47	4 15	0 53	1 45	4 3	1 26	3 59	4 48	7 11	0 56	21 30	1 18	20 40	0 11	2 42	1 30	22 13	6 6	8 4	8 36	21 19	3 4	5 7
S 29	2 33	21 6	4 47	0 17	1 24	3 34	1 26	4 2	4 45	7 6	0 56	21 31	1 18	20 40	0 11	2 42	1 30	22 13	6 6	8 6	8 37	21 21	3 1	5 8
M30	2s57	24s34	5s 6	0n17	1s 4	3n 5	1n27	4s 5	4s41	7n 2	0n56	21s32	1n18	20n40	0s11	2n41	1s30	22n12	6n 7	8s 7	8s38	21s24	2n58	5s 8

Julian Day Number = 2522280.5, Delta T = 156.93 sec
Ecliptic obliquity = 23°25'00, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°26'48, Lahiri = 26°33'49

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2193
geocentric

OCTOBER 2193 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 41 10	8♎24'23	9♐26	26°R20	26♍50	0°R16	14♍32	17♐26	3°R34	10°R16	14♌50	9°R 7	7♓45	16♏46	10♍23	T 1
W 2	0 45 7	9°23'18	21°23	26♍ 0	28° 5	0♈ 0	14°44	17°30	3♊33	10♈14	14°52	9♓ 4	7°42	16°53	10°31	W 2
T 3	0 49 3	10°22'15	3♑29	25°D51	29°19	29♓45	14°57	17°34	3°32	10°13	14°53	9° 2	7°39	16°59	10°39	T 3
F 4	0 53 0	11°21'14	15°48	25°52	0♎34	29°30	15° 9	17°38	3°31	10°11	14°54	9°D 2	7°36	17° 6	10°46	F 4
S 5	0 56 56	12°20'14	28°25	26° 3	1°49	29°16	15°21	17°42	3°29	10° 9	14°55	9° 3	7°33	17°13	10°54	S 5
S 6	1 0 53	13°19'16	11♒24	26°24	3° 3	29° 2	15°34	17°46	3°28	10° 8	14°56	9° 5	7°29	17°19	11° 1	S 6
M 7	1 4 49	14°18'20	24°49	26°56	4°18	28°49	15°46	17°51	3°27	10° 6	14°57	9° 6	7°26	17°26	11° 9	M 7
T 8	1 8 46	15°17'25	8♓42	27°36	5°33	28°37	15°58	17°55	3°25	10° 4	14°58	9°R 7	7°23	17°33	11°16	T 8
W 9	1 12 42	16°16'33	23° 1	28°25	6°48	28°25	16°10	17°59	3°24	10° 3	14°59	9° 6	7°20	17°40	11°24	W 9
T 10	1 16 39	17°15'42	7♈45	29°22	8° 3	28°14	16°22	18° 4	3°22	10° 1	15° 0	9° 4	7°17	17°46	11°31	T 10
F 11	1 20 36	18°14'53	22°45	0♎25	9°18	28° 3	16°34	18° 9	3°21	9°59	15° 1	8°59	7°13	17°53	11°38	F 11
S 12	1 24 32	19°14'06	7♉54	1°36	10°32	27°53	16°46	18°13	3°19	9°58	15° 2	8°54	7°10	18° 0	11°45	S 12
S 13	1 28 29	20°13'22	23° 2	2°52	11°47	27°44	16°58	18°18	3°18	9°56	15° 3	8°47	7° 7	18° 6	11°53	S 13
M14	1 32 25	21°12'40	7♊58	4°13	13° 2	27°36	17°10	18°23	3°16	9°54	15° 4	8°42	7° 4	18°13	12° 0	M14
T 15	1 36 22	22°12'00	22°35	5°38	14°17	27°28	17°22	18°28	3°14	9°53	15° 5	8°37	7° 1	18°20	12° 7	T 15
W16	1 40 18	23°11'22	6♋49	7° 6	15°32	27°21	17°33	18°32	3°13	9°51	15° 5	8°34	6°58	18°27	12°14	W16
T 17	1 44 15	24°10'47	20°38	8°38	16°47	27°15	17°45	18°37	3°11	9°50	15° 6	8°D32	6°54	18°33	12°21	T 17
F 18	1 48 11	25°10'14	4♌ 2	10°12	18° 2	27°10	17°57	18°43	3° 9	9°48	15° 7	8°33	6°51	18°40	12°28	F 18
S 19	1 52 8	26° 9'43	17° 4	11°49	19°17	27° 5	18° 8	18°48	3° 7	9°46	15° 8	8°34	6°48	18°47	12°35	S 19
S 20	1 56 5	27° 9'15	29°48	13°27	20°32	27° 1	18°20	18°53	3° 5	9°45	15° 8	8°35	6°45	18°53	12°42	S 20
M21	2 0 1	28° 8'48	12♍17	15° 6	21°47	26°58	18°31	18°58	3° 4	9°43	15° 9	8°R35	6°42	19° 0	12°48	M21
T 22	2 3 58	29° 8'24	24°33	16°46	23° 2	26°56	18°42	19° 3	3° 2	9°42	15°10	8°34	6°39	19° 7	12°55	T 22
W23	2 7 54	0♏ 8'02	6♎41	18°27	24°18	26°54	18°54	19° 9	3° 0	9°40	15°10	8°30	6°35	19°14	13° 2	W23
T 24	2 11 51	1° 7'42	18°42	20° 8	25°33	26°D53	19° 5	19°14	2°58	9°39	15°11	8°24	6°32	19°20	13° 8	T 24
F 25	2 15 47	2° 7'24	0♏38	21°50	26°48	26°54	19°16	19°20	2°56	9°37	15°12	8°15	6°29	19°27	13°15	F 25
S 26	2 19 44	3° 7'09	12°32	23°31	28° 3	26°54	19°27	19°25	2°54	9°36	15°12	8° 5	6°26	19°34	13°21	S 26
S 27	2 23 40	4° 6'55	24°23	25°13	29°18	26°56	19°38	19°31	2°51	9°34	15°13	7°54	6°23	19°40	13°28	S 27
M28	2 27 37	5° 6'43	6♐14	26°55	0♏33	26°59	19°49	19°37	2°49	9°33	15°13	7°42	6°19	19°47	13°34	M28
T 29	2 31 34	6° 6'33	18° 8	28°36	1°48	27° 2	20° 0	19°42	2°47	9°31	15°14	7°32	6°16	19°54	13°40	T 29
W30	2 35 30	7° 6'25	0♑ 5	0♏17	3° 4	27° 6	20°10	19°48	2°45	9°30	15°14	7°24	6°13	20° 1	13°47	W30
T 31	2 39 27	8♏ 6'18	12♑10	1♏58	4♏19	27♓11	20♍21	19♐54	2♊43	9♈28	15♌15	7♓18	6♓10	20♏ 7	13♍53	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3s20	26s59	5s12	0n47	0s44	2n35	1n27	4s 8	4s37	6n57	0n56	21s32	1n18	20n40	0s11	2n40	1s30	22n12	6n 7	8s 9	8s39	21s26	2n55	5s 8
W 2	3 43	28 13	5 5	1 13	0 25	2 6	1 27	4 10	4 32	6 52	0 56	21 33	1 18	20 39	0 11	2 40	1 30	22 12	6 7	8 10	8 40	21 28	2 52	5 8
T 3	4 6	28 7	4 45	1 33	0 6	1 36	1 27	4 12	4 28	6 48	0 56	21 33	1 17	20 39	0 11	2 39	1 30	22 12	6 7	8 10	8 42	21 30	2 49	5 8
F 4	4 29	26 38	4 11	1 49	0n11	1 7	1 27	4 14	4 24	6 43	0 57	21 34	1 17	20 39	0 11	2 38	1 30	22 12	6 7	8 10	8 43	21 33	2 46	5 8
S 5	4 52	23 47	3 24	2 0	0 28	0 37	1 27	4 15	4 19	6 38	0 57	21 34	1 17	20 39	0 11	2 38	1 30	22 12	6 8	8 10	8 44	21 35	2 43	5 8
S 6	5 15	19 40	2 25	2 5	0 43	0 7	1 27	4 17	4 15	6 34	0 57	21 35	1 17	20 39	0 11	2 37	1 31	22 12	6 8	8 10	8 45	21 37	2 40	5 8
M 7	5 38	14 27	1 17	2 5	0 57	0s23	1 27	4 18	4 10	6 29	0 57	21 35	1 17	20 38	0 11	2 36	1 31	22 11	6 8	8 9	8 46	21 39	2 37	5 8
T 8	6 1	8 20	0 2	2 1	1 9	0 52	1 27	4 18	4 6	6 24	0 57	21 36	1 16	20 38	0 11	2 36	1 31	22 11	6 8	8 9	8 47	21 42	2 34	5 8
W 9	6 24	1 37	1n15	1 51	1 20	1 22	1 27	4 19	4 1	6 20	0 57	21 36	1 16	20 38	0 11	2 35	1 31	22 11	6 8	8 9	8 49	21 44	2 31	5 9
T 10	6 46	5n21	2 29	1 37	1 29	1 52	1 26	4 19	3 56	6 15	0 57	21 37	1 16	20 37	0 11	2 35	1 31	22 11	6 9	8 10	8 50	21 46	2 29	5 9
F 11	7 9	12 10	3 35	1 19	1 37	2 22	1 26	4 19	3 52	6 11	0 57	21 38	1 16	20 37	0 11	2 34	1 31	22 11	6 9	8 12	8 51	21 48	2 26	5 9
S 12	7 31	18 19	4 25	0 57	1 44	2 52	1 25	4 18	3 47	6 6	0 57	21 38	1 16	20 37	0 11	2 33	1 31	22 11	6 9	8 14	8 52	21 50	2 23	5 9
S 13	7 54	23 18	4 57	0 32	1 49	3 21	1 25	4 18	3 42	6 2	0 58	21 39	1 16	20 37	0 11	2 33	1 30	22 11	6 9	8 16	8 53	21 53	2 20	5 9
M14	8 16	26 42	5 9	0 4	1 54	3 51	1 24	4 17	3 37	5 57	0 58	21 39	1 15	20 36	0 11	2 32	1 30	22 11	6 10	8 18	8 55	21 55	2 17	5 9
T 15	8 38	28 12	5 0	0s27	1 57	4 20	1 24	4 15	3 33	5 53	0 58	21 40	1 15	20 36	0 11	2 31	1 30	22 11	6 10	8 20	8 56	21 57	2 14	5 9
W16	9 0	27 47	4 32	1 0	1 59	4 50	1 23	4 14	3 28	5 48	0 58	21 41	1 15	20 36	0 11	2 31	1 30	22 11	6 10	8 21	8 57	21 59	2 11	5 10
T 17	9 22	25 37	3 50	1 35	2 0	5 19	1 22	4 12	3 23	5 44	0 58	21 41	1 15	20 35	0 11	2 30	1 30	22 11	6 10	8 22	8 58	22 1	2 9	5 10
F 18	9 44	22 4	2 55	2 12	2 0	5 49	1 21	4 10	3 18	5 39	0 58	21 42	1 15	20 35	0 11	2 29	1 30	22 11	6 10	8 22	8 59	22 3	2 6	5 10
S 19	10 5	17 30	1 53	2 50	1 59	6 18	1 20	4 7	3 13	5 35	0 58	21 42	1 15	20 35	0 11	2 29	1 30	22 11	6 11	8 21	9 0	22 6	2 3	5 10
S 20	10 27	12 16	0 47	3 30	1 58	6 47	1 20	4 4	3 9	5 31	0 59	21 43	1 15	20 34	0 11	2 28	1 30	22 11	6 11	8 21	9 2	22 8	2 0	5 10
M21	10 48	6 39	0s20	4 10	1 55	7 16	1 18	4 1	3 4	5 26	0 59	21 43	1 14	20 34	0 11	2 28	1 30	22 11	6 11	8 21	9 3	22 10	1 58	5 11
T 22	11 9	0 52	1 25	4 51	1 53	7 45	1 17	3 58	2 59	5 22	0 59	21 44	1 14	20 33	0 11	2 27	1 30	22 11	6 11	8 21	9 4	22 12	1 55	5 11
W23	11 31	4s52	2 25	5 32	1 49	8 14	1 16	3 54	2 54	5 18	0 59	21 45	1 14	20 33	0 11	2 26	1 30	22 11	6 12	8 23	9 5	22 14	1 52	5 11
T 24	11 51	10 22	3 18	6 14	1 46	8 42	1 15	3 50	2 50	5 13	0 59	21 45	1 14	20 33	0 11	2 26	1 30	22 11	6 12	8 25	9 6	22 16	1 49	5 11
F 25	12 12	15 27	4 2	6 56	1 41	9 10	1 14	3 46	2 45	5 9	0 59	21 46	1 14	20 32	0 11	2 25	1 30	22 11	6 12	8 28	9 7	22 18	1 47	5 12
S 26	12 32	19 56	4 35	7 38	1 37	9 38	1 13	3 41	2 41	5 5	0 59	21 46	1 14	20 32	0 11	2 25	1 30	22 11	6 12	8 32	9 9	22 21	1 44	5 12
S 27	12 53	23 37	4 56	8 19	1 32	10 6	1 11	3 36	2 36	5 1	1 0	21 47	1 13	20 32	0 11	2 24	1 30	22 11	6 13	8 36	9 10	22 23	1 41	5 12
M28	13 13	26 19	5 4	9 1	1 27	10 34	1 10	3 31	2 31	4 57	1 0	21 47	1 13	20 31	0 11	2 24	1 30	22 11	6 13	8 40	9 11	22 25	1 39	5 12
T 29	13 33	27 51	4 59	9 42	1 21	11 1	1 8	3 26	2 27	4 53	1 0	21 48	1 13	20 31	0 11	2 23	1 30	22 11	6 13	8 44	9 12	22 27	1 36	5 13
W30	13 52	28 6	4 41	10 23	1 15	11 28	1 7	3 20	2 23	4 49	1 0	21 49	1 13	20 30	0 11	2 22	1 30	22 11	6 13	8 47	9 13	22 29	1 33	5 13
T 31	14s12	27s 1	4s10	11s 4	1n 9	11s55	1n 5	3s14	2s18	4n45	1n 0	21s49	1n13	20n30	0s11	2n22	1s30	22n11	6n13	8s49	9s14	22s31	1n31	5s13

Julian Day Number = 2522310.5, Delta T = 157.01 sec
Ecliptic obliquity = 23°25'00, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°26'52, Lahiri = 26°33'53

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2193
geocentric

NOVEMBER 2193 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 43 23	9♏ 6'13	24♉26	3♏39	5♏34	27♓17	20♍32	20♐ 0	2°R41	9°R27	15♌15	7°R15	6♓ 7	20♏14	13♍59	F 1
S 2	2 47 20	10° 6'10	6♒58	5°19	6°49	27°23	20°42	20° 6	2♊38	9♈25	15°16	7°D13	6° 4	20°21	14° 5	S 2
S 3	2 51 16	11° 6'08	19°50	6°59	8° 4	27°30	20°53	20°12	2°36	9°24	15°16	7♓14	6° 0	20°28	14°11	S 3
M 4	2 55 13	12° 6'08	3♓ 7	8°38	9°20	27°38	21° 3	20°18	2°34	9°23	15°16	7°R14	5°57	20°34	14°17	M 4
T 5	2 59 9	13° 6'09	16°51	10°17	10°35	27°47	21°13	20°24	2°31	9°21	15°17	7°14	5°54	20°41	14°22	T 5
W 6	3 3 6	14° 6'12	1♈ 4	11°56	11°50	27°56	21°23	20°30	2°29	9°20	15°17	7°12	5°51	20°48	14°28	W 6
T 7	3 7 3	15° 6'17	15°45	13°34	13° 5	28° 6	21°33	20°36	2°27	9°19	15°17	7° 7	5°48	20°54	14°34	T 7
F 8	3 10 59	16° 6'23	0♉50	15°11	14°21	28°17	21°43	20°42	2°24	9°18	15°17	7° 0	5°45	21° 1	14°39	F 8
S 9	3 14 56	17° 6'31	16° 8	16°49	15°36	28°28	21°53	20°49	2°22	9°16	15°18	6°50	5°41	21° 8	14°45	S 9
S 10	3 18 52	18° 6'41	1♊30	18°25	16°51	28°40	22° 3	20°55	2°20	9°15	15°18	6°40	5°38	21°15	14°50	S 10
M11	3 22 49	19° 6'53	16°43	20° 2	18° 7	28°53	22°12	21° 1	2°17	9°14	15°18	6°29	5°35	21°21	14°55	M11
T 12	3 26 45	20° 7'06	1♋37	21°38	19°22	29° 6	22°22	21° 8	2°15	9°13	15°18	6°20	5°32	21°28	15° 1	T 12
W13	3 30 42	21° 7'22	16° 6	23°14	20°37	29°20	22°31	21°14	2°12	9°12	15°18	6°14	5°29	21°35	15° 6	W13
T 14	3 34 38	22° 7'39	0♌ 4	24°49	21°53	29°34	22°41	21°20	2°10	9°10	15°18	6° 9	5°25	21°41	15°11	T 14
F 15	3 38 35	23° 7'59	13°34	26°24	23° 8	29°49	22°50	21°27	2° 7	9° 9	15°18	6° 8	5°22	21°48	15°16	F 15
S 16	3 42 32	24° 8'20	26°36	27°59	24°23	0♈ 5	22°59	21°33	2° 5	9° 8	15°R18	6°D 7	5°19	21°55	15°21	S 16
S 17	3 46 28	25° 8'44	9♍16	29°33	25°39	0°21	23° 8	21°40	2° 2	9° 7	15°18	6°R 8	5°16	22° 2	15°25	S 17
M18	3 50 25	26° 9'09	21°38	1♐ 8	26°54	0°38	23°17	21°47	2° 0	9° 6	15°18	6° 7	5°13	22° 8	15°30	M18
T 19	3 54 21	27° 9'36	3♎47	2°41	28° 9	0°55	23°26	21°53	1°57	9° 5	15°18	6° 4	5°10	22°15	15°35	T 19
W20	3 58 18	28°10'05	15°46	4°15	29°25	1°13	23°34	22° 0	1°55	9° 4	15°18	5°58	5° 6	22°22	15°39	W20
T 21	4 2 14	29°10'35	27°40	5°49	0♐40	1°31	23°43	22° 7	1°52	9° 3	15°18	5°50	5° 3	22°28	15°44	T 21
F 22	4 6 11	0♐11'07	9♏32	7°22	1°55	1°50	23°51	22°13	1°50	9° 2	15°18	5°38	5° 0	22°35	15°48	F 22
S 23	4 10 7	1°11'41	21°23	8°55	3°11	2° 9	24° 0	22°20	1°47	9° 2	15°17	5°24	4°57	22°42	15°52	S 23
S 24	4 14 4	2°12'17	3♐16	10°28	4°26	2°29	24° 8	22°27	1°45	9° 1	15°17	5° 9	4°54	22°49	15°56	S 24
M25	4 18 1	3°12'54	15°11	12° 0	5°41	2°50	24°16	22°34	1°42	9° 0	15°17	4°54	4°51	22°55	16° 0	M25
T 26	4 21 57	4°13'32	27°10	13°33	6°57	3°10	24°24	22°40	1°40	8°59	15°17	4°40	4°47	23° 2	16° 4	T 26
W27	4 25 54	5°14'12	9♑13	15° 5	8°12	3°32	24°31	22°47	1°37	8°58	15°16	4°28	4°44	23° 9	16° 8	W27
T 28	4 29 50	6°14'53	21°24	16°37	9°28	3°53	24°39	22°54	1°35	8°58	15°16	4°20	4°41	23°16	16°12	T 28
F 29	4 33 47	7°15'35	3♒44	18° 9	10°43	4°16	24°47	23° 1	1°32	8°57	15°16	4°14	4°38	23°22	16°16	F 29
S 30	4 37 43	8♐16'18	16♒17	19♐41	11♐58	4♈38	24♍54	23♐ 8	1♊30	8♈56	15♌15	4♓11	4♓35	23♏29	16♍19	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14s31	24s37	3s27	11s44	1n 3	12s22	1n 4	3s 8	2s14	4n41	1n 0	21s50	1n13	20n29	0s11	2n21	1s30	22n11	6n14	8s51	9s16	22s33	1n28	5s13
S 2	14 50	21 0	2 34	12 23	0 57	12 48	1 2	3 1	2 10	4 37	1 1	21 50	1 13	20 29	0 11	2 21	1 30	22 11	6 14	8 51	9 17	22 35	1 26	5 14
S 3	15 9	16 18	1 31	13 2	0 50	13 14	1 0	2 55	2 6	4 33	1 1	21 51	1 13	20 29	0 11	2 20	1 30	22 12	6 14	8 51	9 18	22 37	1 23	5 14
M 4	15 27	10 42	0 22	13 41	0 44	13 40	0 59	2 48	2 1	4 29	1 1	21 52	1 12	20 28	0 11	2 20	1 30	22 12	6 14	8 51	9 19	22 39	1 21	5 14
T 5	15 45	4 24	0n51	14 18	0 37	14 5	0 57	2 41	1 57	4 25	1 1	21 52	1 12	20 28	0 11	2 19	1 30	22 12	6 15	8 51	9 20	22 41	1 18	5 14
W 6	16 3	2n18	2 3	14 55	0 31	14 30	0 55	2 33	1 53	4 21	1 1	21 53	1 12	20 27	0 11	2 19	1 30	22 12	6 15	8 52	9 21	22 43	1 16	5 15
T 7	16 21	9 6	3 9	15 31	0 24	14 55	0 53	2 26	1 49	4 17	1 2	21 53	1 12	20 27	0 11	2 18	1 30	22 12	6 15	8 53	9 23	22 45	1 13	5 15
F 8	16 38	15 34	4 4	16 6	0 17	15 19	0 51	2 18	1 45	4 14	1 2	21 54	1 12	20 26	0 11	2 18	1 30	22 12	6 15	8 56	9 24	22 47	1 11	5 15
S 9	16 56	21 9	4 42	16 41	0 10	15 43	0 49	2 10	1 42	4 10	1 2	21 54	1 12	20 26	0 11	2 17	1 30	22 13	6 16	9 0	9 25	22 50	1 9	5 16
S 10	17 12	25 20	5 0	17 14	0 3	16 6	0 47	2 2	1 38	4 6	1 2	21 55	1 12	20 25	0 11	2 17	1 30	22 13	6 16	9 4	9 26	22 52	1 6	5 16
M11	17 29	27 40	4 57	17 47	0s 3	16 29	0 45	1 53	1 34	4 3	1 2	21 55	1 12	20 25	0 11	2 17	1 30	22 13	6 16	9 7	9 27	22 54	1 4	5 16
T 12	17 45	27 57	4 33	18 19	0 10	16 52	0 43	1 44	1 30	3 59	1 2	21 56	1 11	20 24	0 11	2 16	1 30	22 13	6 16	9 11	9 28	22 56	1 2	5 17
W13	18 1	26 17	3 52	18 50	0 17	17 14	0 41	1 36	1 27	3 55	1 3	21 56	1 11	20 24	0 11	2 16	1 30	22 13	6 17	9 13	9 30	22 58	0 59	5 17
T 14	18 17	23 1	2 58	19 20	0 23	17 35	0 39	1 27	1 23	3 52	1 3	21 57	1 11	20 23	0 11	2 15	1 30	22 13	6 17	9 15	9 31	23 0	0 57	5 17
F 15	18 32	18 36	1 56	19 49	0 30	17 57	0 37	1 18	1 20	3 48	1 3	21 58	1 11	20 23	0 11	2 15	1 30	22 14	6 17	9 15	9 32	23 2	0 55	5 18
S 16	18 47	13 25	0 50	20 17	0 36	18 17	0 35	1 8	1 16	3 45	1 3	21 58	1 11	20 23	0 11	2 14	1 30	22 14	6 17	9 15	9 33	23 4	0 53	5 18
S 17	19 2	7 50	0s17	20 44	0 43	18 38	0 32	0 59	1 13	3 42	1 3	21 59	1 11	20 22	0 11	2 14	1 30	22 14	6 18	9 15	9 34	23 6	0 51	5 18
M18	19 16	2 4	1 21	21 10	0 49	18 57	0 30	0 49	1 10	3 38	1 4	21 59	1 11	20 22	0 11	2 14	1 30	22 14	6 18	9 16	9 35	23 7	0 48	5 19
T 19	19 30	3s39	2 21	21 35	0 55	19 17	0 28	0 39	1 7	3 35	1 4	22 0	1 11	20 21	0 11	2 13	1 30	22 15	6 18	9 17	9 37	23 9	0 46	5 19
W20	19 44	9 10	3 13	21 59	1 1	19 35	0 26	0 29	1 3	3 32	1 4	22 0	1 11	20 21	0 11	2 13	1 30	22 15	6 18	9 19	9 38	23 11	0 44	5 20
T 21	19 57	14 19	3 56	22 22	1 7	19 53	0 23	0 19	1 0	3 29	1 4	22 1	1 10	20 20	0 11	2 13	1 30	22 15	6 19	9 22	9 39	23 13	0 42	5 20
F 22	20 10	18 54	4 29	22 43	1 13	20 11	0 21	0 9	0 57	3 25	1 4	22 1	1 10	20 20	0 11	2 12	1 30	22 16	6 19	9 26	9 40	23 15	0 40	5 20
S 23	20 23	22 45	4 50	23 4	1 19	20 28	0 19	0n 2	0 54	3 22	1 5	22 2	1 10	20 19	0 11	2 12	1 30	22 16	6 19	9 31	9 41	23 17	0 38	5 21
S 24	20 35	25 40	4 59	23 23	1 24	20 44	0 16	0 12	0 51	3 19	1 5	22 2	1 10	20 19	0 11	2 12	1 30	22 16	6 19	9 37	9 42	23 19	0 36	5 21
M25	20 47	27 28	4 54	23 41	1 30	21 0	0 14	0 23	0 48	3 16	1 5	22 3	1 10	20 18	0 11	2 11	1 30	22 16	6 20	9 42	9 44	23 21	0 34	5 21
T 26	20 58	28 0	4 37	23 58	1 35	21 15	0 12	0 34	0 45	3 13	1 5	22 3	1 10	20 18	0 11	2 11	1 30	22 17	6 20	9 47	9 45	23 23	0 32	5 22
W27	21 9	27 12	4 7	24 14	1 40	21 30	0 9	0 45	0 43	3 11	1 6	22 3	1 10	20 17	0 11	2 11	1 29	22 17	6 20	9 52	9 46	23 25	0 31	5 22
T 28	21 20	25 5	3 25	24 29	1 45	21 44	0 7	0 56	0 40	3 8	1 6	22 4	1 10	20 17	0 11	2 11	1 29	22 17	6 20	9 55	9 47	23 27	0 29	5 23
F 29	21 30	21 47	2 33	24 42	1 49	21 57	0 5	1 7	0 37	3 5	1 6	22 4	1 10	20 16	0 11	2 10	1 29	22 18	6 21	9 57	9 48	23 29	0 27	5 23
S 30	21s40	17s25	1s33	24s54	1s53	22s10	0n 2	1n19	0s35	3n 2	1n 6	22s 5	1n10	20n16	0s11	2n10	1s29	22n18	6n21	9s58	9s49	23s31	0n25	5s23

Julian Day Number = 2522341.5, Delta T = 157.09 sec
Ecliptic obliquity = 23°24'59, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°26'57, Lahiri = 26°33'57

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2193
geocentric

DECEMBER 2193 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 41 40	9♐17'02	29♒ 6	21♐12	13♐14	5♈ 1	25♍ 1	23♐15	1°R27	8°R56	15°R15	4°R11	4♓31	23♏36	16♍23	S 1
M 2	4 45 37	10°17'47	12♓15	22°44	14°29	5°24	25° 8	23°22	1♊25	8♈55	15♌15	4♓11	4°28	23°42	16°26	M 2
T 3	4 49 33	11°18'33	25°49	24°15	15°45	5°48	25°15	23°29	1°22	8°54	15°14	4°10	4°25	23°49	16°29	T 3
W 4	4 53 30	12°19'20	9♈49	25°46	17° 0	6°12	25°22	23°36	1°20	8°54	15°14	4° 8	4°22	23°56	16°32	W 4
T 5	4 57 26	13°20'08	24°15	27°16	18°15	6°37	25°29	23°43	1°17	8°53	15°13	4° 3	4°19	24° 3	16°35	T 5
F 6	5 1 23	14°20'57	9♉ 6	28°47	19°31	7° 2	25°35	23°50	1°15	8°53	15°13	3°55	4°16	24° 9	16°38	F 6
S 7	5 5 19	15°21'47	24°14	0♊17	20°46	7°27	25°42	23°57	1°13	8°52	15°12	3°46	4°12	24°16	16°41	S 7
S 8	5 9 16	16°22'37	9♊31	1°46	22° 2	7°52	25°48	24° 4	1°10	8°52	15°11	3°34	4° 9	24°23	16°44	S 8
M 9	5 13 12	17°23'29	24°45	3°15	23°17	8°18	25°54	24°11	1° 8	8°52	15°11	3°23	4° 6	24°29	16°46	M 9
T 10	5 17 9	18°24'22	9♋44	4°44	24°32	8°45	26° 0	24°18	1° 5	8°51	15°10	3°13	4° 3	24°36	16°49	T 10
W11	5 21 6	19°25'16	24°21	6°12	25°48	9°11	26° 6	24°25	1° 3	8°51	15°10	3° 6	4° 0	24°43	16°51	W11
T 12	5 25 2	20°26'11	8♌30	7°39	27° 3	9°38	26°11	24°32	1° 1	8°51	15° 9	3° 1	3°57	24°50	16°53	T 12
F 13	5 28 59	21°27'07	22° 9	9° 5	28°19	10° 5	26°17	24°39	0°58	8°50	15° 8	2°59	3°53	24°56	16°56	F 13
S 14	5 32 55	22°28'05	5♍19	10°30	29°34	10°32	26°22	24°46	0°56	8°50	15° 7	2°D58	3°50	25° 3	16°58	S 14
S 15	5 36 52	23°29'03	18° 3	11°54	0♎49	11° 0	26°27	24°53	0°54	8°50	15° 7	2°R58	3°47	25°10	16°59	S 15
M16	5 40 48	24°30'03	0♎27	13°17	2° 5	11°28	26°32	25° 0	0°52	8°50	15° 6	2°58	3°44	25°17	17° 1	M16
T 17	5 44 45	25°31'03	12°35	14°38	3°20	11°56	26°37	25° 7	0°49	8°50	15° 5	2°57	3°41	25°23	17° 3	T 17
W18	5 48 41	26°32'05	24°33	15°56	4°36	12°25	26°42	25°15	0°47	8°50	15° 4	2°53	3°37	25°30	17° 5	W18
T 19	5 52 38	27°33'07	6♏25	17°13	5°51	12°53	26°46	25°22	0°45	8°50	15° 3	2°46	3°34	25°37	17° 6	T 19
F 20	5 56 35	28°34'11	18°15	18°26	7° 6	13°22	26°50	25°29	0°43	8°D50	15° 3	2°37	3°31	25°43	17° 7	F 20
S 21	6 0 31	29°35'15	0♐ 7	19°37	8°22	13°51	26°54	25°36	0°41	8°50	15° 2	2°26	3°28	25°50	17° 9	S 21
S 22	6 4 28	0♑36'20	12° 2	20°43	9°37	14°21	26°58	25°43	0°39	8°50	15° 1	2°14	3°25	25°57	17°10	S 22
M23	6 8 24	1°37'26	24° 3	21°46	10°53	14°51	27° 2	25°50	0°37	8°50	15° 0	2° 1	3°22	26° 4	17°11	M23
T 24	6 12 21	2°38'33	6♑11	22°43	12° 8	15°21	27° 6	25°57	0°35	8°50	14°59	1°49	3°18	26°10	17°12	T 24
W25	6 16 17	3°39'39	18°26	23°35	13°23	15°51	27° 9	26° 4	0°33	8°50	14°58	1°40	3°15	26°17	17°12	W25
T 26	6 20 14	4°40'47	0♒50	24°20	14°39	16°21	27°12	26°11	0°31	8°50	14°57	1°33	3°12	26°24	17°13	T 26
F 27	6 24 11	5°41'54	13°23	24°58	15°54	16°52	27°15	26°18	0°29	8°51	14°56	1°29	3° 9	26°30	17°14	F 27
S 28	6 28 7	6°43'02	26° 7	25°27	17°10	17°22	27°18	26°25	0°27	8°51	14°55	1°D27	3° 6	26°37	17°14	S 28
S 29	6 32 4	7°44'10	9♓ 5	25°47	18°25	17°53	27°21	26°32	0°25	8°51	14°54	1°27	3° 3	26°44	17°14	S 29
M30	6 36 0	8°45'18	22°18	25°R57	19°40	18°25	27°23	26°39	0°23	8°52	14°53	1°28	2°59	26°51	17°14	M30
T 31	6 39 57	9♑46'25	5♈48	25♑57	20♑56	18♈56	27♍26	26♐46	0♊21	8♈52	14♌52	1°R29	2♓56	26♏57	17°R14	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	21s49	12s12	0s27	25s 5	1s57	22s22	0s 0	1n30	0s32	3n 0	1n 6	22s 5	1n 9	20n15	0s11	2n10	1s29	22n18	6n21	9s58	9s51	23s33	0n24	5s24	S 1
M 2	21 58	6 18	0n43	25 14	2 1	22 34	0 3	1 42	0 29	2 57	1 7	22 6	1 9	20 15	0 11	2 10	1 29	22 19	6 21	9 58	9 52	23 34	0 22	5 24	M 2
T 3	22 7	0n 3	1 52	25 22	2 5	22 44	0 5	1 53	0 27	2 54	1 7	22 6	1 9	20 14	0 11	2 10	1 29	22 19	6 21	9 58	9 53	23 36	0 20	5 25	T 3
W 4	22 15	6 35	2 56	25 29	2 8	22 54	0 7	2 5	0 25	2 52	1 7	22 7	1 9	20 14	0 11	2 9	1 29	22 19	6 22	9 59	9 54	23 38	0 19	5 25	W 4
T 5	22 23	12 59	3 52	25 34	2 11	23 4	0 10	2 17	0 22	2 50	1 7	22 7	1 9	20 13	0 11	2 9	1 29	22 20	6 22	10 1	9 55	23 40	0 17	5 25	T 5
F 6	22 30	18 49	4 33	25 38	2 13	23 12	0 12	2 29	0 20	2 47	1 8	22 7	1 9	20 13	0 11	2 9	1 29	22 20	6 22	10 4	9 56	23 42	0 16	5 26	F 6
S 7	22 37	23 36	4 56	25 40	2 15	23 20	0 15	2 41	0 18	2 45	1 8	22 8	1 9	20 12	0 11	2 9	1 29	22 21	6 22	10 7	9 57	23 44	0 14	5 26	S 7
S 8	22 43	26 47	4 59	25 41	2 17	23 28	0 17	2 53	0 15	2 43	1 8	22 8	1 9	20 12	0 11	2 9	1 29	22 21	6 23	10 11	9 59	23 46	0 13	5 27	S 8
M 9	22 49	27 59	4 40	25 41	2 19	23 34	0 19	3 5	0 13	2 40	1 8	22 9	1 9	20 11	0 11	2 9	1 29	22 21	6 23	10 15	10 0	23 47	0 11	5 27	M 9
T 10	22 55	27 5	4 2	25 39	2 19	23 40	0 22	3 18	0 11	2 38	1 9	22 9	1 9	20 11	0 11	2 9	1 29	22 22	6 23	10 19	10 1	23 49	0 10	5 28	T 10
W11	23 0	24 20	3 9	25 36	2 20	23 45	0 24	3 30	0 9	2 36	1 9	22 9	1 9	20 10	0 11	2 9	1 29	22 22	6 23	10 22	10 2	23 51	0 9	5 28	W11
T 12	23 4	20 9	2 6	25 31	2 20	23 49	0 26	3 43	0 7	2 34	1 9	22 10	1 9	20 10	0 11	2 8	1 29	22 23	6 23	10 23	10 3	23 53	0 8	5 28	T 12
F 13	23 8	15 1	0 57	25 25	2 19	23 53	0 29	3 55	0 5	2 32	1 9	22 10	1 9	20 9	0 11	2 8	1 29	22 23	6 24	10 24	10 4	23 55	0 6	5 29	F 13
S 14	23 12	9 22	0s12	25 18	2 18	23 56	0 31	4 8	0 3	2 31	1 10	22 10	1 8	20 9	0 11	2 8	1 29	22 23	6 24	10 24	10 6	23 56	0 5	5 29	S 14
S 15	23 15	3 30	1 19	25 9	2 17	23 58	0 33	4 20	0 1	2 29	1 10	22 11	1 8	20 8	0 11	2 8	1 29	22 24	6 24	10 24	10 7	23 58	0 4	5 30	S 15
M16	23 18	2s20	2 20	24 59	2 14	24 0	0 36	4 33	0n 1	2 27	1 10	22 11	1 8	20 8	0 11	2 8	1 29	22 24	6 24	10 24	10 8	24 0	0 3	5 30	M16
T 17	23 20	7 57	3 14	24 47	2 11	24 0	0 38	4 46	0 3	2 25	1 10	22 11	1 8	20 8	0 11	2 8	1 29	22 25	6 25	10 25	10 9	24 2	0 2	5 31	T 17
W18	23 22	13 12	3 58	24 34	2 7	24 0	0 40	4 58	0 5	2 24	1 11	22 12	1 8	20 7	0 11	2 8	1 29	22 25	6 25	10 26	10 10	24 4	0 1	5 31	W18
T 19	23 24	17 55	4 32	24 20	2 3	23 59	0 42	5 11	0 7	2 22	1 11	22 12	1 8	20 7	0 11	2 8	1 29	22 26	6 25	10 29	10 11	24 5	0s 0	5 31	T 19
F 20	23 25	21 56	4 53	24 5	1 57	23 58	0 44	5 24	0 8	2 21	1 11	22 12	1 8	20 6	0 11	2 8	1 29	22 26	6 25	10 32	10 12	24 7	0 1	5 32	F 20
S 21	23 25	25 5	5 2	23 49	1 51	23 56	0 46	5 37	0 10	2 19	1 11	22 13	1 8	20 6	0 11	2 8	1 28	22 27	6 25	10 36	10 14	24 9	0 2	5 32	S 21
S 22	23 25	27 8	4 58	23 32	1 44	23 53	0 49	5 50	0 12	2 18	1 12	22 13	1 8	20 5	0 11	2 9	1 28	22 27	6 26	10 40	10 15	24 11	0 3	5 33	S 22
M23	23 24	27 58	4 41	23 14	1 35	23 49	0 51	6 3	0 14	2 17	1 12	22 13	1 8	20 5	0 11	2 9	1 28	22 28	6 26	10 45	10 16	24 12	0 4	5 33	M23
T 24	23 23	27 27	4 11	22 55	1 26	23 44	0 53	6 16	0 15	2 16	1 12	22 13	1 8	20 5	0 11	2 9	1 28	22 28	6 26	10 49	10 17	24 14	0 4	5 34	T 24
W25	23 22	25 36	3 29	22 36	1 16	23 39	0 55	6 29	0 17	2 14	1 13	22 14	1 8	20 4	0 11	2 9	1 28	22 28	6 26	10 52	10 18	24 16	0 5	5 34	W25
T 26	23 20	22 29	2 36	22 17	1 4	23 33	0 57	6 42	0 18	2 13	1 13	22 14	1 8	20 4	0 11	2 9	1 28	22 29	6 26	10 55	10 19	24 18	0 6	5 34	T 26
F 27	23 18	18 18	1 35	21 57	0 51	23 26	0 59	6 55	0 20	2 12	1 13	22 14	1 8	20 3	0 11	2 9	1 28	22 29	6 27	10 56	10 20	24 19	0 6	5 35	F 27
S 28	23 15	13 15	0 29	21 38	0 37	23 19	1 0	7 9	0 21	2 12	1 13	22 14	1 8	20 3	0 11	2 9	1 28	22 30	6 27	10 57	10 22	24 21	0 7	5 35	S 28
S 29	23 11	7 32	0n41	21 19	0 22	23 11	1 2	7 22	0 23	2 11	1 14	22 15	1 8	20 3	0 11	2 9	1 28	22 30	6 27	10 57	10 23	24 23	0 7	5 36	S 29
M30	23 8	1 23	1 50	21 1	0 5	23 2	1 4	7 35	0 24	2 10	1 14	22 15	1 8	20 2	0 11	2 10	1 28	22 31	6 27	10 57	10 24	24 24	0 8	5 36	M30
T 31	23s 3	4n58	2n54	20s44	0n12	22s52	1s 6	7n48	0n26	2n 9	1n14	22s15	1n 8	20n 2	0s11	2n10	1s28	22n31	6n27	10s56	10s25	24s26	0s 8	5s37	T 31

Julian Day Number = 2522371.5, Delta T = 157.17 sec
Ecliptic obliquity = 23°24'58, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°27'01, Lahiri = 26°34'01

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2194
geocentric

JANUARY 2194 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 43 53	10♑47'33	19♈39	25°R45	22♑11	19♈27	27♍28	26♐53	0°R20	8♈52	14°R51	1°R28	2♓53	27♏ 4	17°R14	W 1
T 2	6 47 50	11°48'41	3♉49	25♑21	23°26	19°59	27°30	27° 0	0♊18	8°53	14♌49	1♓26	2°50	27°11	17♍14	T 2
F 3	6 51 46	12°49'49	18°19	24°45	24°42	20°31	27°32	27° 7	0°16	8°53	14°48	1°22	2°47	27°18	17°14	F 3
S 4	6 55 43	13°50'56	3♊ 4	23°57	25°57	21° 3	27°33	27°14	0°15	8°54	14°47	1°16	2°43	27°24	17°14	S 4
S 5	6 59 40	14°52'04	17°58	23° 0	27°12	21°35	27°35	27°21	0°13	8°54	14°46	1° 8	2°40	27°31	17°13	S 5
M 6	7 3 36	15°53'11	2♋52	21°53	28°28	22° 8	27°36	27°28	0°11	8°55	14°45	1° 1	2°37	27°38	17°12	M 6
T 7	7 7 33	16°54'18	17°39	20°39	29°43	22°40	27°37	27°34	0°10	8°56	14°44	0°54	2°34	27°44	17°12	T 7
W 8	7 11 29	17°55'26	2♌ 9	19°20	0♒58	23°13	27°38	27°41	0° 8	8°56	14°42	0°49	2°31	27°51	17°11	W 8
T 9	7 15 26	18°56'33	16°17	18° 0	2°13	23°46	27°38	27°48	0° 7	8°57	14°41	0°46	2°28	27°58	17°10	T 9
F 10	7 19 22	19°57'40	29°59	16°39	3°29	24°18	27°39	27°55	0° 6	8°58	14°40	0°D45	2°24	28° 5	17° 9	F 10
S 11	7 23 19	20°58'47	13♍15	15°22	4°44	24°52	27°39	28° 1	0° 4	8°58	14°39	0°46	2°21	28°11	17° 7	S 11
S 12	7 27 15	21°59'55	26° 6	14°10	5°59	25°25	27°R39	28° 8	0° 3	8°59	14°37	0°47	2°18	28°18	17° 6	S 12
M13	7 31 12	23° 1'02	8♎36	13° 4	7°14	25°58	27°39	28°15	0° 2	9° 0	14°36	0°49	2°15	28°25	17° 5	M13
T 14	7 35 9	24° 2'09	20°48	12° 7	8°30	26°31	27°39	28°21	0° 1	9° 1	14°35	0°R50	2°12	28°32	17° 3	T 14
W15	7 39 5	25° 3'17	2♏49	11°20	9°45	27° 5	27°38	28°28	29♉59	9° 2	14°34	0°50	2° 9	28°38	17° 2	W15
T 16	7 43 2	26° 4'24	14°42	10°42	11° 0	27°39	27°37	28°35	29°58	9° 3	14°32	0°48	2° 5	28°45	17° 0	T 16
F 17	7 46 58	27° 5'31	26°33	10°14	12°15	28°12	27°36	28°41	29°57	9° 4	14°31	0°44	2° 2	28°52	16°58	F 17
S 18	7 50 55	28° 6'39	8♐26	9°55	13°31	28°46	27°35	28°48	29°56	9° 5	14°30	0°40	1°59	28°58	16°56	S 18
S 19	7 54 51	29° 7'46	20°25	9°46	14°46	29°20	27°34	28°54	29°55	9° 6	14°28	0°34	1°56	29° 5	16°54	S 19
M20	7 58 48	0♒ 8'52	2♑32	9°D45	16° 1	29°55	27°32	29° 0	29°54	9° 7	14°27	0°28	1°53	29°12	16°52	M20
T 21	8 2 44	1° 9'58	14°49	9°53	17°16	0♉29	27°31	29° 7	29°53	9° 8	14°26	0°23	1°49	29°19	16°49	T 21
W22	8 6 41	2°11'04	27°18	10° 8	18°31	1° 3	27°29	29°13	29°53	9° 9	14°24	0°18	1°46	29°25	16°47	W22
T 23	8 10 38	3°12'10	9♒59	10°30	19°46	1°38	27°27	29°20	29°52	9°10	14°23	0°15	1°43	29°32	16°45	T 23
F 24	8 14 34	4°13'14	22°52	10°58	21° 2	2°12	27°25	29°26	29°51	9°11	14°22	0°14	1°40	29°39	16°42	F 24
S 25	8 18 31	5°14'18	5♓58	11°32	22°17	2°47	27°22	29°32	29°51	9°12	14°20	0°D14	1°37	29°45	16°39	S 25
S 26	8 22 27	6°15'21	19°16	12°11	23°32	3°21	27°19	29°38	29°50	9°14	14°19	0°15	1°34	29°52	16°37	S 26
M27	8 26 24	7°16'23	2♈45	12°55	24°47	3°56	27°17	29°44	29°49	9°15	14°17	0°16	1°30	29°59	16°34	M27
T 28	8 30 20	8°17'23	16°27	13°43	26° 2	4°31	27°14	29°50	29°49	9°16	14°16	0°18	1°27	0♐ 6	16°31	T 28
W29	8 34 17	9°18'23	0♉21	14°35	27°17	5° 6	27°10	29°56	29°48	9°17	14°15	0°19	1°24	0°12	16°28	W29
T 30	8 38 13	10°19'22	14°26	15°31	28°32	5°41	27° 7	0♑ 2	29°48	9°19	14°13	0°R19	1°21	0°19	16°25	T 30
F 31	8 42 10	11♒20'20	28♉40	16♑29	29♒47	6♉16	27♍ 4	0♑ 8	29♉48	9♈20	14♌12	0♓18	1♓18	0♐26	16♍21	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22s59	11n13	3n49	20s29	0n30	22s42	1s 8	8n 1	0n27	2n 9	1n14	22s15	1n 8	20n 2	0s11	2n10	1s28	22n32	6n27	10s56	10s26	24s28	0s 8	5s37
T 2	22 54	17 3	4 33	20 14	0 49	22 31	1 9	8 15	0 28	2 8	1 15	22 15	1 8	20 1	0 11	2 10	1 28	22 32	6 28	10 57	10 27	24 29	0 9	5 37
F 3	22 48	22 3	4 59	20 2	1 9	22 20	1 11	8 28	0 30	2 8	1 15	22 16	1 7	20 1	0 11	2 10	1 28	22 33	6 28	10 59	10 28	24 31	0 9	5 38
S 4	22 42	25 46	5 7	19 51	1 28	22 7	1 12	8 41	0 31	2 7	1 15	22 16	1 7	20 1	0 11	2 11	1 28	22 33	6 28	11 1	10 30	24 33	0 9	5 38
S 5	22 35	27 45	4 54	19 42	1 47	21 54	1 14	8 54	0 32	2 7	1 16	22 16	1 7	20 0	0 11	2 11	1 28	22 34	6 28	11 4	10 31	24 34	0 9	5 39
M 6	22 28	27 45	4 22	19 34	2 6	21 41	1 15	9 8	0 34	2 7	1 16	22 16	1 7	20 0	0 11	2 11	1 28	22 34	6 28	11 6	10 32	24 36	0 9	5 39
T 7	22 21	25 45	3 31	19 29	2 23	21 26	1 17	9 21	0 35	2 7	1 16	22 16	1 7	20 0	0 11	2 11	1 28	22 35	6 28	11 9	10 33	24 38	0 10	5 39
W 8	22 13	22 4	2 28	19 25	2 38	21 12	1 18	9 34	0 36	2 7	1 16	22 16	1 7	19 59	0 11	2 12	1 28	22 35	6 29	11 10	10 34	24 39	0 10	5 40
T 9	22 5	17 10	1 18	19 23	2 51	20 56	1 19	9 47	0 37	2 7	1 17	22 17	1 7	19 59	0 10	2 12	1 28	22 36	6 29	11 11	10 35	24 41	0 10	5 40
F 10	21 56	11 32	0 4	19 22	3 2	20 40	1 21	10 0	0 38	2 7	1 17	22 17	1 7	19 59	0 10	2 12	1 28	22 37	6 29	11 12	10 36	24 43	0 9	5 40
S 11	21 47	5 32	1s 7	19 22	3 11	20 23	1 22	10 14	0 39	2 7	1 17	22 17	1 7	19 59	0 10	2 13	1 28	22 37	6 29	11 11	10 38	24 44	0 9	5 41
S 12	21 37	0s29	2 13	19 24	3 17	20 6	1 23	10 27	0 40	2 7	1 17	22 17	1 7	19 58	0 10	2 13	1 27	22 38	6 29	11 11	10 39	24 46	0 9	5 41
M13	21 27	6 20	3 11	19 27	3 20	19 48	1 24	10 40	0 42	2 7	1 18	22 17	1 7	19 58	0 10	2 13	1 27	22 38	6 29	11 10	10 40	24 47	0 9	5 42
T 14	21 17	11 48	3 59	19 31	3 21	19 29	1 25	10 53	0 43	2 8	1 18	22 17	1 7	19 58	0 10	2 14	1 27	22 39	6 30	11 10	10 41	24 49	0 9	5 42
W15	21 6	16 44	4 35	19 37	3 20	19 10	1 26	11 6	0 44	2 8	1 18	22 17	1 7	19 58	0 10	2 14	1 27	22 39	6 30	11 10	10 42	24 51	0 8	5 42
T 16	20 55	21 0	4 59	19 43	3 17	18 51	1 27	11 19	0 45	2 9	1 19	22 17	1 7	19 57	0 10	2 15	1 27	22 40	6 30	11 11	10 43	24 52	0 8	5 43
F 17	20 43	24 24	5 10	19 49	3 13	18 31	1 28	11 32	0 46	2 9	1 19	22 17	1 7	19 57	0 10	2 15	1 27	22 40	6 30	11 12	10 44	24 54	0 8	5 43
S 18	20 31	26 46	5 8	19 57	3 7	18 10	1 28	11 45	0 47	2 10	1 19	22 17	1 7	19 57	0 10	2 15	1 27	22 41	6 30	11 14	10 46	24 55	0 7	5 43
S 19	20 19	27 56	4 53	20 4	3 0	17 49	1 29	11 58	0 48	2 11	1 19	22 18	1 7	19 57	0 10	2 16	1 27	22 41	6 30	11 16	10 47	24 57	0 7	5 43
M20	20 6	27 48	4 24	20 12	2 52	17 27	1 30	12 11	0 48	2 12	1 20	22 18	1 7	19 57	0 10	2 16	1 27	22 42	6 30	11 18	10 48	24 58	0 6	5 44
T 21	19 53	26 17	3 43	20 20	2 43	17 5	1 30	12 24	0 49	2 13	1 20	22 18	1 7	19 56	0 10	2 17	1 27	22 42	6 30	11 20	10 49	25 0	0 5	5 44
W22	19 39	23 28	2 51	20 29	2 34	16 42	1 31	12 37	0 50	2 14	1 20	22 18	1 7	19 56	0 10	2 17	1 27	22 43	6 31	11 21	10 50	25 1	0 5	5 44
T 23	19 25	19 29	1 49	20 37	2 24	16 19	1 31	12 50	0 51	2 15	1 21	22 18	1 7	19 56	0 10	2 18	1 27	22 43	6 31	11 22	10 51	25 3	0 4	5 45
F 24	19 11	14 31	0 40	20 44	2 14	15 55	1 32	13 2	0 52	2 16	1 21	22 18	1 7	19 56	0 10	2 18	1 27	22 44	6 31	11 23	10 52	25 4	0 3	5 45
S 25	18 56	8 50	0n31	20 52	2 4	15 31	1 32	13 15	0 53	2 17	1 21	22 18	1 7	19 56	0 10	2 19	1 27	22 44	6 31	11 23	10 53	25 6	0 2	5 45
S 26	18 41	2 40	1 43	20 59	1 53	15 7	1 32	13 28	0 54	2 18	1 21	22 18	1 7	19 56	0 10	2 19	1 27	22 45	6 31	11 23	10 55	25 7	0 2	5 45
M27	18 26	3n41	2 49	21 5	1 43	14 42	1 32	13 40	0 54	2 20	1 22	22 18	1 7	19 56	0 10	2 20	1 27	22 45	6 31	11 22	10 56	25 9	0 1	5 46
T 28	18 10	9 58	3 48	21 11	1 33	14 17	1 33	13 53	0 55	2 21	1 22	22 18	1 7	19 56	0 10	2 20	1 27	22 46	6 31	11 21	10 57	25 10	0n 0	5 46
W29	17 55	15 51	4 33	21 15	1 22	13 51	1 33	14 5	0 56	2 23	1 22	22 18	1 7	19 55	0 10	2 21	1 27	22 46	6 31	11 21	10 58	25 12	0 1	5 46
T 30	17 38	20 58	5 3	21 20	1 12	13 25	1 33	14 18	0 57	2 24	1 22	22 18	1 7	19 55	0 10	2 21	1 27	22 47	6 31	11 21	10 59	25 13	0 2	5 46
F 31	17s22	24n58	5n15	21s23	1n 2	12s59	1s32	14n30	0n57	2n26	1n23	22s18	1n 7	19n55	0s10	2n22	1s27	22n47	6n31	11s21	11s 0	25s15	0n 3	5s47

Julian Day Number = 2522402.5, Delta T = 157.25 sec
Ecliptic obliquity = 23°24'58, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°27'05, Lahiri = 26°34'05

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2194
geocentric

FEBRUARY 2194 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 46 7	12♒21'16	13♊ 2	17♑31	1♓ 2	6♉52	27°R 0	0♑14	29°R47	9♈22	14°R10	0°R16	1♓15	0♐33	16°R18	S 1
S 2	8 50 3	13°22'12	27°28	18°35	2°17	7°27	26♍56	0°20	29♉47	9°23	14♌ 9	0♓14	1°11	0°39	16♍15	S 2
M 3	8 54 0	14°23'06	11♋53	19°41	3°32	8° 2	26°52	0°26	29°47	9°24	14° 8	0°12	1° 8	0°46	16°11	M 3
T 4	8 57 56	15°23'59	26°11	20°50	4°47	8°38	26°48	0°31	29°47	9°26	14° 6	0°10	1° 5	0°53	16° 8	T 4
W 5	9 1 53	16°24'50	10♌19	22° 0	6° 1	9°13	26°43	0°37	29°47	9°27	14° 5	0° 9	1° 2	0°59	16° 4	W 5
T 6	9 5 49	17°25'41	24°11	23°13	7°16	9°49	26°39	0°43	29°D47	9°29	14° 3	0°D 8	0°59	1° 6	16° 0	T 6
F 7	9 9 46	18°26'31	7♍43	24°27	8°31	10°24	26°34	0°48	29°47	9°31	14° 2	0° 8	0°55	1°13	15°56	F 7
S 8	9 13 42	19°27'19	20°55	25°43	9°46	11° 0	26°29	0°54	29°47	9°32	14° 1	0° 9	0°52	1°20	15°53	S 8
S 9	9 17 39	20°28'06	3♎47	27° 0	11° 1	11°36	26°24	0°59	29°47	9°34	13°59	0° 9	0°49	1°26	15°49	S 9
M10	9 21 36	21°28'53	16°19	28°19	12°15	12°12	26°19	1° 4	29°47	9°35	13°58	0°10	0°46	1°33	15°45	M10
T 11	9 25 32	22°29'38	28°36	29°39	13°30	12°48	26°13	1°10	29°47	9°37	13°56	0°11	0°43	1°40	15°41	T 11
W12	9 29 29	23°30'23	10♏40	1♒ 0	14°45	13°23	26° 8	1°15	29°48	9°39	13°55	0°12	0°40	1°47	15°37	W12
T 13	9 33 25	24°31'06	22°36	2°22	15°59	13°59	26° 2	1°20	29°48	9°40	13°54	0°R12	0°36	1°53	15°32	T 13
F 14	9 37 22	25°31'49	4♐28	3°46	17°14	14°35	25°56	1°25	29°48	9°42	13°52	0°12	0°33	2° 0	15°28	F 14
S 15	9 41 18	26°32'30	16°22	5°11	18°29	15°11	25°51	1°30	29°49	9°44	13°51	0°12	0°30	2° 7	15°24	S 15
S 16	9 45 15	27°33'11	28°22	6°36	19°43	15°48	25°45	1°35	29°49	9°46	13°50	0°11	0°27	2°13	15°20	S 16
M17	9 49 11	28°33'50	10♑31	8° 3	20°58	16°24	25°38	1°40	29°50	9°48	13°48	0°11	0°24	2°20	15°15	M17
T 18	9 53 8	29°34'28	22°55	9°31	22°12	17° 0	25°32	1°45	29°50	9°49	13°47	0°11	0°21	2°27	15°11	T 18
W19	9 57 5	0♓35'05	5♒34	11° 0	23°27	17°36	25°26	1°50	29°51	9°51	13°46	0°D11	0°17	2°34	15° 6	W19
T 20	10 1 1	1°35'40	18°30	12°30	24°41	18°12	25°19	1°54	29°52	9°53	13°44	0°11	0°14	2°40	15° 2	T 20
F 21	10 4 58	2°36'14	1♓44	14° 0	25°56	18°49	25°12	1°59	29°52	9°55	13°43	0°R11	0°11	2°47	14°57	F 21
S 22	10 8 54	3°36'46	15°15	15°32	27°10	19°25	25° 6	2° 4	29°53	9°57	13°42	0°11	0° 8	2°54	14°53	S 22
S 23	10 12 51	4°37'17	29° 0	17° 5	28°25	20° 2	24°59	2° 8	29°54	9°59	13°40	0°11	0° 5	3° 0	14°48	S 23
M24	10 16 47	5°37'46	12♈57	18°38	29°39	20°38	24°52	2°12	29°55	10° 1	13°39	0°10	0° 1	3° 7	14°44	M24
T 25	10 20 44	6°38'13	27° 3	20°13	0♈53	21°15	24°45	2°17	29°56	10° 3	13°38	0° 9	29♒58	3°14	14°39	T 25
W26	10 24 40	7°38'39	11♉15	21°49	2° 7	21°51	24°38	2°21	29°57	10° 5	13°36	0° 9	29°55	3°21	14°34	W26
T 27	10 28 37	8°39'02	25°28	23°25	3°22	22°28	24°30	2°25	29°58	10° 7	13°35	0° 8	29°52	3°27	14°29	T 27
F 28	10 32 34	9♓39'24	9♊41	25♒ 3	4♈36	23♉ 4	24♍23	2♑29	29♉59	10♈ 9	13♌34	0°D 8	29♒49	3♐34	14♍25	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s 5	27n25	5n 7	21s25	0n52	12s32	1s32	14n42	0n58	2n28	1n23	22s18	1n 7	19n55	0s10	2n23	1s27	22n48	6n32	11s22	11s 1	25s16	0n 4	5s47
S 2	16 47	28 4	4 40	21 26	0 42	12 5	1 32	14 55	0 59	2 29	1 23	22 18	1 7	19 55	0 10	2 23	1 27	22 48	6 32	11 23	11 2	25 18	0 5	5 47
M 3	16 30	26 48	3 56	21 27	0 32	11 38	1 32	15 7	0 59	2 31	1 23	22 18	1 7	19 55	0 10	2 24	1 27	22 49	6 32	11 23	11 4	25 19	0 7	5 47
T 4	16 12	23 47	2 57	21 26	0 23	11 10	1 31	15 19	1 0	2 33	1 24	22 18	1 7	19 55	0 10	2 24	1 27	22 49	6 32	11 24	11 5	25 21	0 8	5 47
W 5	15 54	19 22	1 47	21 24	0 13	10 42	1 31	15 31	1 1	2 35	1 24	22 18	1 7	19 55	0 10	2 25	1 27	22 50	6 32	11 25	11 6	25 22	0 9	5 47
T 6	15 36	13 58	0 33	21 21	0 4	10 14	1 30	15 43	1 1	2 37	1 24	22 18	1 7	19 55	0 10	2 26	1 27	22 50	6 32	11 25	11 7	25 24	0 10	5 47
F 7	15 17	8 1	0s42	21 17	0s 5	9 45	1 30	15 55	1 2	2 39	1 24	22 18	1 7	19 55	0 10	2 26	1 26	22 51	6 32	11 25	11 8	25 25	0 12	5 48
S 8	14 58	1 52	1 53	21 12	0 13	9 17	1 29	16 6	1 3	2 41	1 25	22 18	1 7	19 55	0 10	2 27	1 26	22 51	6 32	11 25	11 9	25 26	0 13	5 48
S 9	14 39	4s11	2 56	21 5	0 21	8 48	1 28	16 18	1 3	2 44	1 25	22 18	1 7	19 55	0 10	2 28	1 26	22 52	6 32	11 24	11 10	25 28	0 15	5 48
M10	14 20	9 56	3 49	20 58	0 30	8 18	1 28	16 30	1 4	2 46	1 25	22 18	1 7	19 55	0 10	2 28	1 26	22 52	6 32	11 24	11 11	25 29	0 16	5 48
T 11	14 0	15 10	4 30	20 49	0 37	7 49	1 27	16 41	1 4	2 48	1 25	22 17	1 7	19 55	0 10	2 29	1 26	22 53	6 32	11 24	11 13	25 31	0 17	5 48
W12	13 40	19 44	4 59	20 39	0 45	7 19	1 26	16 53	1 5	2 51	1 25	22 17	1 7	19 56	0 10	2 30	1 26	22 53	6 32	11 24	11 14	25 32	0 19	5 48
T 13	13 20	23 28	5 14	20 27	0 52	6 49	1 25	17 4	1 6	2 53	1 26	22 17	1 7	19 56	0 10	2 30	1 26	22 54	6 32	11 23	11 15	25 33	0 21	5 48
F 14	13 0	26 11	5 16	20 15	0 59	6 19	1 24	17 15	1 6	2 55	1 26	22 17	1 7	19 56	0 10	2 31	1 26	22 54	6 32	11 23	11 16	25 35	0 22	5 48
S 15	12 39	27 46	5 4	20 1	1 6	5 49	1 23	17 26	1 7	2 58	1 26	22 17	1 7	19 56	0 10	2 32	1 26	22 54	6 32	11 24	11 17	25 36	0 24	5 48
S 16	12 19	28 4	4 40	19 46	1 12	5 19	1 21	17 37	1 7	3 1	1 26	22 17	1 7	19 56	0 10	2 33	1 26	22 55	6 32	11 24	11 18	25 37	0 25	5 48
M17	11 58	27 1	4 2	19 30	1 18	4 48	1 20	17 48	1 8	3 3	1 26	22 17	1 7	19 56	0 10	2 33	1 26	22 55	6 32	11 24	11 19	25 39	0 27	5 48
T 18	11 37	24 38	3 12	19 12	1 24	4 18	1 19	17 59	1 8	3 6	1 27	22 17	1 7	19 56	0 10	2 34	1 26	22 56	6 32	11 24	11 20	25 40	0 29	5 48
W19	11 15	21 0	2 12	18 53	1 30	3 47	1 17	18 10	1 8	3 9	1 27	22 17	1 7	19 56	0 10	2 35	1 26	22 56	6 32	11 24	11 22	25 41	0 30	5 48
T 20	10 54	16 17	1 4	18 33	1 35	3 16	1 16	18 20	1 9	3 11	1 27	22 17	1 7	19 57	0 10	2 36	1 26	22 57	6 32	11 24	11 23	25 43	0 32	5 48
F 21	10 32	10 43	0n 9	18 12	1 40	2 45	1 14	18 31	1 9	3 14	1 27	22 17	1 7	19 57	0 10	2 36	1 26	22 57	6 32	11 24	11 24	25 44	0 34	5 48
S 22	10 10	4 32	1 23	17 49	1 44	2 14	1 13	18 41	1 10	3 17	1 27	22 17	1 7	19 57	0 10	2 37	1 26	22 57	6 32	11 24	11 25	25 45	0 36	5 48
S 23	9 48	1n57	2 33	17 25	1 48	1 43	1 11	18 52	1 10	3 20	1 27	22 16	1 8	19 57	0 10	2 38	1 26	22 58	6 33	11 24	11 26	25 47	0 38	5 48
M24	9 26	8 25	3 35	17 0	1 52	1 12	1 9	19 2	1 11	3 23	1 28	22 16	1 8	19 57	0 10	2 39	1 26	22 58	6 33	11 24	11 27	25 48	0 40	5 48
T 25	9 4	14 32	4 25	16 33	1 56	0 41	1 8	19 12	1 11	3 26	1 28	22 16	1 8	19 58	0 10	2 39	1 26	22 59	6 33	11 24	11 28	25 49	0 41	5 48
W26	8 42	19 56	5 0	16 6	1 59	0 10	1 6	19 22	1 11	3 29	1 28	22 16	1 8	19 58	0 10	2 40	1 26	22 59	6 33	11 25	11 29	25 51	0 43	5 47
T 27	8 19	24 13	5 16	15 37	2 1	0n22	1 4	19 32	1 12	3 32	1 28	22 16	1 8	19 58	0 10	2 41	1 26	22 59	6 33	11 25	11 31	25 52	0 45	5 47
F 28	7s56	27n 1	5n12	15s 6	2s 4	0n53	1s 2	19n41	1n12	3n35	1n28	22s16	1n 8	19n58	0s10	2n42	1s26	23n 0	6n33	11s25	11s32	25s53	0n47	5s47

Julian Day Number = 2522433.5, Delta T = 157.33 sec
Ecliptic obliquity = 23°24'58, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°27'09, Lahiri = 26°34'10

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2194
geocentric

MARCH 2194 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 36 30	10♓39'44	23♊51	26♒41	5♈50	23♉41	24°R16	2♋33	0♊ 0	10♈11	13°R33	0♓ 8	29♒46	3♐41	14°R20	S 1
S 2	10 40 27	11°40'02	7♋56	28°20	7° 4	24°18	24♍ 8	2°37	0° 2	10°13	13♌31	0° 9	29°42	3°48	14♍15	S 2
M 3	10 44 23	12°40'17	21°53	0♓ 1	8°18	24°54	24° 1	2°41	0° 3	10°15	13°30	0°10	29°39	3°54	14°11	M 3
T 4	10 48 20	13°40'31	5♌42	1°42	9°32	25°31	23°53	2°45	0° 4	10°17	13°29	0°11	29°36	4° 1	14° 6	T 4
W 5	10 52 16	14°40'43	19°21	3°25	10°46	26° 8	23°46	2°48	0° 6	10°19	13°28	0°12	29°33	4° 8	14° 1	W 5
T 6	10 56 13	15°40'52	2♍47	5° 8	12° 0	26°45	23°38	2°52	0° 7	10°21	13°27	0°R12	29°30	4°14	13°56	T 6
F 7	11 0 9	16°41'00	15°59	6°53	13°14	27°21	23°30	2°55	0° 8	10°23	13°26	0°11	29°26	4°21	13°52	F 7
S 8	11 4 6	17°41'06	28°57	8°38	14°27	27°58	23°22	2°59	0°10	10°25	13°25	0°10	29°23	4°28	13°47	S 8
S 9	11 8 3	18°41'11	11♎40	10°25	15°41	28°35	23°15	3° 2	0°12	10°27	13°23	0° 7	29°20	4°35	13°42	S 9
M10	11 11 59	19°41'13	24° 8	12°13	16°55	29°12	23° 7	3° 5	0°13	10°30	13°22	0° 4	29°17	4°41	13°37	M10
T 11	11 15 56	20°41'14	6♏24	14° 2	18° 9	29°49	22°59	3° 9	0°15	10°32	13°21	0° 1	29°14	4°48	13°33	T 11
W12	11 19 52	21°41'13	18°28	15°52	19°22	0♊26	22°51	3°12	0°16	10°34	13°20	29♒58	29°11	4°55	13°28	W12
T 13	11 23 49	22°41'11	0♐25	17°43	20°36	1° 3	22°43	3°15	0°18	10°36	13°19	29°55	29° 7	5° 2	13°23	T 13
F 14	11 27 45	23°41'07	12°17	19°35	21°49	1°40	22°36	3°17	0°20	10°38	13°18	29°54	29° 4	5° 8	13°19	F 14
S 15	11 31 42	24°41'01	24°11	21°29	23° 3	2°17	22°28	3°20	0°22	10°40	13°17	29°D53	29° 1	5°15	13°14	S 15
S 16	11 35 38	25°40'54	6♑ 9	23°23	24°16	2°53	22°20	3°23	0°24	10°43	13°16	29°53	28°58	5°22	13° 9	S 16
M17	11 39 35	26°40'45	18°18	25°19	25°30	3°30	22°12	3°26	0°26	10°45	13°15	29°55	28°55	5°28	13° 5	M17
T 18	11 43 32	27°40'34	0♒42	27°15	26°43	4° 8	22° 4	3°28	0°28	10°47	13°14	29°56	28°52	5°35	13° 0	T 18
W19	11 47 28	28°40'22	13°24	29°13	27°56	4°45	21°57	3°31	0°30	10°49	13°13	29°58	28°48	5°42	12°56	W19
T 20	11 51 25	29°40'08	26°29	1♈11	29° 9	5°22	21°49	3°33	0°32	10°52	13°12	29°R59	28°45	5°49	12°51	T 20
F 21	11 55 21	0♈39'51	9♓56	3°10	0♉23	5°59	21°41	3°35	0°34	10°54	13°11	29°59	28°42	5°55	12°47	F 21
S 22	11 59 18	1°39'33	23°46	5°10	1°36	6°36	21°34	3°37	0°36	10°56	13°11	29°57	28°39	6° 2	12°43	S 22
S 23	12 3 14	2°39'14	7♈57	7°10	2°49	7°13	21°26	3°39	0°38	10°58	13°10	29°53	28°36	6° 9	12°38	S 23
M24	12 7 11	3°38'52	22°23	9°10	4° 2	7°50	21°19	3°41	0°40	11° 1	13° 9	29°49	28°32	6°15	12°34	M24
T 25	12 11 7	4°38'28	6♉59	11°11	5°15	8°27	21°11	3°43	0°43	11° 3	13° 8	29°43	28°29	6°22	12°30	T 25
W26	12 15 4	5°38'02	21°37	13°12	6°28	9° 4	21° 4	3°45	0°45	11° 5	13° 7	29°38	28°26	6°29	12°26	W26
T 27	12 19 1	6°37'33	6♊11	15°12	7°40	9°41	20°56	3°47	0°47	11° 7	13° 7	29°34	28°23	6°36	12°22	T 27
F 28	12 22 57	7°37'03	20°36	17°12	8°53	10°19	20°49	3°48	0°50	11°10	13° 6	29°31	28°20	6°42	12°17	F 28
S 29	12 26 54	8°36'30	4♋47	19°10	10° 6	10°56	20°42	3°50	0°52	11°12	13° 5	29°D30	28°17	6°49	12°13	S 29
S 30	12 30 50	9°35'55	18°44	21° 8	11°18	11°33	20°35	3°51	0°54	11°14	13° 5	29°30	28°13	6°56	12°10	S 30
M31	12 34 47	10♈35'17	2♌26	23♈ 3	12♉31	12♊10	20♍28	3♋52	0♊57	11♈16	13♌ 4	29♒31	28♒10	7♐ 3	12♍ 6	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s34	28n 6	4n50	14s35	2s 6	1n24	1s 0	19n51	1n13	3n38	1n28	22s16	1n 8	19n59	0s10	2n43	1s26	23n 0	6n33	11s25	11s33	25s54	0n49	5s47
S 2	7 11	27 21	4 10	14 2	2 7	1 55	0 58	20 0	1 13	3 41	1 28	22 16	1 8	19 59	0 10	2 43	1 26	23 0	6 32	11 25	11 34	25 56	0 51	5 47
M 3	6 48	24 52	3 16	13 28	2 9	2 26	0 56	20 10	1 13	3 44	1 28	22 16	1 8	19 59	0 10	2 44	1 26	23 1	6 32	11 24	11 35	25 57	0 53	5 47
T 4	6 25	20 57	2 11	12 52	2 9	2 57	0 53	20 19	1 14	3 47	1 29	22 15	1 8	19 59	0 10	2 45	1 26	23 1	6 32	11 24	11 36	25 58	0 55	5 46
W 5	6 2	15 57	1 0	12 16	2 10	3 28	0 51	20 28	1 14	3 50	1 29	22 15	1 8	20 0	0 10	2 46	1 26	23 1	6 32	11 24	11 37	25 59	0 57	5 46
T 6	5 38	10 15	0s14	11 38	2 10	3 59	0 49	20 37	1 14	3 53	1 29	22 15	1 8	20 0	0 10	2 47	1 26	23 2	6 32	11 24	11 38	26 1	0 59	5 46
F 7	5 15	4 12	1 26	10 59	2 9	4 30	0 46	20 46	1 15	3 56	1 29	22 15	1 8	20 0	0 9	2 48	1 26	23 2	6 32	11 24	11 39	26 2	1 1	5 46
S 8	4 52	1s55	2 32	10 18	2 8	5 1	0 44	20 54	1 15	3 59	1 29	22 15	1 8	20 1	0 9	2 48	1 26	23 2	6 32	11 24	11 41	26 3	1 3	5 45
S 9	4 28	7 49	3 29	9 37	2 7	5 32	0 42	21 3	1 15	4 3	1 29	22 15	1 8	20 1	0 9	2 49	1 26	23 3	6 32	11 25	11 42	26 4	1 5	5 45
M10	4 5	13 18	4 15	8 54	2 5	6 2	0 39	21 11	1 15	4 6	1 29	22 15	1 8	20 1	0 9	2 50	1 26	23 3	6 32	11 26	11 43	26 5	1 7	5 45
T 11	3 41	18 10	4 48	8 10	2 3	6 33	0 37	21 19	1 16	4 9	1 29	22 15	1 8	20 2	0 9	2 51	1 26	23 3	6 32	11 27	11 44	26 6	1 10	5 44
W12	3 18	22 14	5 8	7 25	2 0	7 3	0 34	21 28	1 16	4 12	1 29	22 15	1 8	20 2	0 9	2 52	1 26	23 3	6 32	11 28	11 45	26 8	1 12	5 44
T 13	2 54	25 20	5 14	6 38	1 56	7 33	0 31	21 36	1 16	4 15	1 29	22 14	1 8	20 2	0 9	2 53	1 26	23 4	6 32	11 29	11 46	26 9	1 14	5 44
F 14	2 30	27 19	5 7	5 51	1 53	8 3	0 29	21 43	1 16	4 18	1 29	22 14	1 8	20 3	0 9	2 54	1 26	23 4	6 32	11 30	11 47	26 10	1 16	5 43
S 15	2 7	28 4	4 47	5 2	1 48	8 33	0 26	21 51	1 17	4 21	1 29	22 14	1 8	20 3	0 9	2 54	1 26	23 4	6 32	11 30	11 48	26 11	1 18	5 43
S 16	1 43	27 30	4 14	4 12	1 43	9 2	0 23	21 59	1 17	4 24	1 29	22 14	1 8	20 4	0 9	2 55	1 26	23 4	6 32	11 30	11 49	26 12	1 20	5 43
M17	1 19	25 37	3 29	3 22	1 38	9 32	0 20	22 6	1 17	4 28	1 29	22 14	1 8	20 4	0 9	2 56	1 26	23 5	6 32	11 30	11 50	26 13	1 22	5 42
T 18	0 55	22 29	2 34	2 30	1 32	10 1	0 18	22 13	1 17	4 31	1 29	22 14	1 8	20 5	0 9	2 57	1 26	23 5	6 32	11 29	11 52	26 15	1 24	5 42
W19	0 32	18 13	1 30	1 37	1 25	10 30	0 15	22 20	1 18	4 34	1 29	22 14	1 8	20 5	0 9	2 58	1 26	23 5	6 32	11 28	11 53	26 16	1 26	5 41
T 20	0 8	12 59	0 19	0 44	1 18	10 59	0 12	22 27	1 18	4 37	1 29	22 14	1 8	20 5	0 9	2 59	1 26	23 5	6 32	11 28	11 54	26 17	1 28	5 41
F 21	0n16	7 0	0n54	0n11	1 11	11 27	0 9	22 34	1 18	4 40	1 29	22 14	1 9	20 6	0 9	3 0	1 26	23 6	6 32	11 28	11 55	26 18	1 30	5 41
S 22	0 40	0 32	2 6	1 6	1 2	11 55	0 6	22 40	1 18	4 43	1 29	22 13	1 9	20 6	0 9	3 1	1 26	23 6	6 32	11 29	11 56	26 19	1 33	5 40
S 23	1 3	6n 6	3 12	2 1	0 54	12 23	0 3	22 47	1 18	4 46	1 29	22 13	1 9	20 7	0 9	3 1	1 26	23 6	6 32	11 30	11 57	26 20	1 35	5 40
M24	1 27	12 32	4 7	2 57	0 44	12 51	0 0	22 53	1 19	4 49	1 29	22 13	1 9	20 7	0 9	3 2	1 26	23 6	6 32	11 32	11 58	26 21	1 37	5 39
T 25	1 51	18 21	4 47	3 53	0 35	13 18	0n 3	22 59	1 19	4 52	1 29	22 13	1 9	20 8	0 9	3 3	1 26	23 6	6 32	11 34	11 59	26 22	1 39	5 39
W26	2 14	23 6	5 8	4 50	0 25	13 45	0 6	23 5	1 19	4 55	1 29	22 13	1 9	20 8	0 9	3 4	1 26	23 6	6 31	11 35	12 0	26 23	1 41	5 38
T 27	2 38	26 23	5 9	5 46	0 14	14 12	0 9	23 11	1 19	4 57	1 29	22 13	1 9	20 9	0 9	3 5	1 26	23 7	6 31	11 37	12 2	26 24	1 43	5 38
F 28	3 1	27 54	4 50	6 42	0 3	14 38	0 12	23 17	1 19	5 0	1 29	22 13	1 9	20 9	0 9	3 6	1 26	23 7	6 31	11 38	12 3	26 25	1 45	5 37
S 29	3 25	27 33	4 14	7 37	0n 8	15 4	0 15	23 22	1 19	5 3	1 29	22 13	1 9	20 10	0 9	3 7	1 26	23 7	6 31	11 38	12 4	26 26	1 47	5 37
S 30	3 48	25 28	3 23	8 32	0 20	15 30	0 18	23 28	1 20	5 6	1 29	22 13	1 9	20 10	0 9	3 8	1 26	23 7	6 31	11 38	12 5	26 27	1 49	5 36
M31	4n11	21n54	2n22	9n26	0n31	15n55	0n21	23n33	1n20	5n 8	1n29	22s13	1n 9	20n11	0s 9	3n 8	1s26	23n 7	6n31	11s38	12s 6	26s29	1n51	5s35

Julian Day Number = 2522461.5, Delta T = 157.40 sec
Ecliptic obliquity = 23°24'59, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°27'13, Lahiri = 26°34'14

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2194
geocentric

APRIL 2194 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 38 43	11♈34'37	15♌54	24♈57	13♉44	12♊47	20°R21	3♏53	0♊59	11♈19	13°R 3	29♒32	28♒ 7	7♐ 9	12°R 2	T 1
W 2	12 42 40	12°33'55	29° 8	26°48	14°56	13°25	20♍14	3°54	1° 2	11°21	13♌ 3	29°R33	28° 4	7°16	11♍58	W 2
T 3	12 46 36	13°33'10	12♍ 9	28°36	16° 8	14° 2	20° 7	3°55	1° 5	11°23	13° 2	29°32	28° 1	7°23	11°55	T 3
F 4	12 50 33	14°32'23	25° 0	0♉21	17°21	14°39	20° 1	3°56	1° 7	11°25	13° 2	29°29	27°58	7°29	11°51	F 4
S 5	12 54 30	15°31'34	7♎39	2° 2	18°33	15°16	19°54	3°57	1°10	11°28	13° 1	29°24	27°54	7°36	11°48	S 5
S 6	12 58 26	16°30'43	20° 7	3°39	19°45	15°54	19°48	3°58	1°12	11°30	13° 0	29°17	27°51	7°43	11°44	S 6
M 7	13 2 23	17°29'51	2♏25	5°12	20°57	16°31	19°42	3°58	1°15	11°32	13° 0	29° 9	27°48	7°50	11°41	M 7
T 8	13 6 19	18°28'56	14°34	6°39	22° 9	17° 8	19°36	3°59	1°18	11°35	13° 0	28°59	27°45	7°56	11°38	T 8
W 9	13 10 16	19°27'59	26°35	8° 2	23°21	17°45	19°30	3°59	1°21	11°37	12°59	28°50	27°42	8° 3	11°35	W 9
T 10	13 14 12	20°27'00	8♐30	9°20	24°33	18°23	19°24	3°59	1°24	11°39	12°59	28°42	27°38	8°10	11°31	T 10
F 11	13 18 9	21°26'00	20°22	10°32	25°44	19° 0	19°18	4° 0	1°26	11°41	12°58	28°35	27°35	8°16	11°28	F 11
S 12	13 22 5	22°24'58	2♑14	11°38	26°56	19°37	19°13	4°R 0	1°29	11°44	12°58	28°30	27°32	8°23	11°26	S 12
S 13	13 26 2	23°23'54	14°11	12°38	28° 8	20°14	19° 7	4° 0	1°32	11°46	12°58	28°28	27°29	8°30	11°23	S 13
M14	13 29 59	24°22'48	26°17	13°33	29°19	20°52	19° 2	4° 0	1°35	11°48	12°57	28°D28	27°26	8°37	11°20	M14
T 15	13 33 55	25°21'41	8♒38	14°21	0♊31	21°29	18°57	3°59	1°38	11°50	12°57	28°28	27°23	8°43	11°17	T 15
W16	13 37 52	26°20'32	21°18	15° 3	1°42	22° 6	18°52	3°59	1°41	11°52	12°57	28°29	27°19	8°50	11°15	W16
T 17	13 41 48	27°19'21	4♓22	15°39	2°53	22°43	18°47	3°59	1°44	11°55	12°57	28°R29	27°16	8°57	11°13	T 17
F 18	13 45 45	28°18'08	17°53	16° 8	4° 5	23°21	18°42	3°58	1°47	11°57	12°56	28°27	27°13	9° 3	11°10	F 18
S 19	13 49 41	29°16'54	1♈51	16°31	5°16	23°58	18°37	3°58	1°50	11°59	12°56	28°23	27°10	9°10	11° 8	S 19
S 20	13 53 38	0♉15'37	16°16	16°48	6°27	24°35	18°33	3°57	1°53	12° 1	12°56	28°17	27° 7	9°17	11° 6	S 20
M21	13 57 34	1°14'19	1♉ 2	16°59	7°38	25°13	18°29	3°56	1°56	12° 3	12°56	28° 9	27° 3	9°24	11° 4	M21
T 22	14 1 31	2°12'59	16° 2	17°R 3	8°49	25°50	18°25	3°55	1°59	12° 6	12°56	27°59	27° 0	9°30	11° 2	T 22
W23	14 5 27	3°11'37	1♊ 5	17° 1	9°59	26°27	18°21	3°54	2° 3	12° 8	12°56	27°49	26°57	9°37	11° 0	W23
T 24	14 9 24	4°10'13	16° 3	16°54	11°10	27° 5	18°17	3°53	2° 6	12°10	12°56	27°41	26°54	9°44	10°58	T 24
F 25	14 13 21	5° 8'47	0♋46	16°41	12°21	27°42	18°14	3°52	2° 9	12°12	12°D56	27°34	26°51	9°51	10°57	F 25
S 26	14 17 17	6° 7'19	15°10	16°23	13°31	28°19	18°10	3°51	2°12	12°14	12°56	27°30	26°48	9°57	10°55	S 26
S 27	14 21 14	7° 5'49	29°12	16° 0	14°41	28°57	18° 7	3°49	2°15	12°16	12°56	27°29	26°44	10° 4	10°54	S 27
M28	14 25 10	8° 4'16	12♌51	15°34	15°52	29°34	18° 4	3°48	2°19	12°18	12°56	27°D29	26°41	10°11	10°53	M28
T 29	14 29 7	9° 2'41	26°10	15° 3	17° 2	0♋11	18° 1	3°46	2°22	12°21	12°56	27°R29	26°38	10°17	10°52	T 29
W30	14 33 3	10♉ 1'04	9♍10	14♉29	18♊12	0♋49	17♍59	3♏45	2♊25	12♈23	12♌56	27♒28	26♒35	10♐24	10♍50	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n34	17n13	1n13	10n19	0n43	16n20	0n25	23n38	1n20	5n11	1n29	22s13	1n 9	20n11	0s 9	3n 9	1s26	23n 7	6n31	11s37	12s 7	26s30	1n53	5s35
W 2	4 58	11 48	0 2	11 11	0 55	16 45	0 28	23 43	1 20	5 14	1 29	22 12	1 9	20 12	0 9	3 10	1 26	23 7	6 31	11 37	12 8	26 31	1 55	5 34
T 3	5 21	5 57	1s 8	12 1	1 7	17 9	0 31	23 47	1 20	5 16	1 29	22 12	1 9	20 12	0 9	3 11	1 26	23 7	6 31	11 37	12 9	26 32	1 57	5 34
F 4	5 44	0s 3	2 13	12 49	1 19	17 32	0 34	23 52	1 20	5 19	1 29	22 12	1 9	20 13	0 9	3 12	1 26	23 7	6 31	11 38	12 10	26 33	1 58	5 33
S 5	6 6	5 57	3 11	13 35	1 30	17 55	0 37	23 56	1 20	5 21	1 29	22 12	1 9	20 14	0 9	3 13	1 26	23 8	6 31	11 40	12 11	26 34	2 0	5 32
S 6	6 29	11 32	3 58	14 18	1 41	18 18	0 40	24 0	1 20	5 24	1 29	22 12	1 9	20 14	0 9	3 14	1 26	23 8	6 31	11 43	12 12	26 35	2 2	5 32
M 7	6 52	16 35	4 34	15 0	1 52	18 40	0 43	24 4	1 20	5 26	1 29	22 12	1 9	20 15	0 9	3 15	1 26	23 8	6 30	11 46	12 14	26 36	2 4	5 31
T 8	7 14	20 55	4 57	15 39	2 2	19 2	0 47	24 8	1 21	5 28	1 28	22 12	1 9	20 15	0 9	3 15	1 26	23 8	6 30	11 49	12 15	26 36	2 6	5 31
W 9	7 37	24 20	5 6	16 15	2 12	19 24	0 50	24 11	1 21	5 31	1 28	22 12	1 9	20 16	0 9	3 16	1 26	23 8	6 30	11 52	12 16	26 37	2 8	5 30
T 10	7 59	26 40	5 2	16 49	2 21	19 44	0 53	24 15	1 21	5 33	1 28	22 12	1 9	20 16	0 9	3 17	1 26	23 8	6 30	11 55	12 17	26 38	2 9	5 29
F 11	8 21	27 48	4 44	17 20	2 29	20 5	0 56	24 18	1 21	5 35	1 28	22 12	1 9	20 17	0 9	3 18	1 26	23 8	6 30	11 57	12 18	26 39	2 11	5 29
S 12	8 43	27 39	4 15	17 47	2 37	20 25	0 59	24 21	1 21	5 37	1 28	22 12	1 9	20 18	0 9	3 19	1 26	23 8	6 30	11 59	12 19	26 40	2 13	5 28
S 13	9 5	26 13	3 34	18 12	2 43	20 44	1 2	24 24	1 21	5 39	1 28	22 12	1 10	20 18	0 9	3 20	1 26	23 8	6 30	12 0	12 20	26 41	2 15	5 27
M14	9 26	23 33	2 44	18 34	2 49	21 3	1 5	24 27	1 21	5 41	1 28	22 12	1 10	20 19	0 9	3 21	1 26	23 8	6 30	12 0	12 21	26 42	2 16	5 26
T 15	9 48	19 46	1 44	18 53	2 53	21 21	1 8	24 29	1 21	5 43	1 28	22 12	1 10	20 19	0 9	3 22	1 26	23 8	6 30	12 0	12 22	26 43	2 18	5 26
W16	10 9	15 0	0 38	19 9	2 57	21 39	1 11	24 32	1 21	5 45	1 27	22 12	1 10	20 20	0 9	3 22	1 26	23 8	6 30	11 59	12 23	26 44	2 19	5 25
T 17	10 31	9 25	0n31	19 22	2 59	21 56	1 14	24 34	1 21	5 46	1 27	22 12	1 10	20 21	0 9	3 23	1 26	23 8	6 30	11 59	12 24	26 45	2 21	5 24
F 18	10 52	3 14	1 42	19 31	3 0	22 12	1 17	24 36	1 21	5 48	1 27	22 12	1 10	20 21	0 9	3 24	1 26	23 8	6 29	12 0	12 26	26 46	2 22	5 24
S 19	11 12	3n18	2 48	19 38	3 0	22 28	1 20	24 38	1 21	5 50	1 27	22 12	1 10	20 22	0 9	3 25	1 26	23 8	6 29	12 1	12 27	26 47	2 24	5 23
S 20	11 33	9 52	3 46	19 41	2 58	22 44	1 23	24 40	1 21	5 51	1 27	22 12	1 10	20 22	0 9	3 26	1 26	23 8	6 29	12 4	12 28	26 47	2 25	5 22
M21	11 54	16 2	4 30	19 42	2 56	22 59	1 26	24 41	1 21	5 53	1 27	22 12	1 10	20 23	0 9	3 27	1 26	23 8	6 29	12 6	12 29	26 48	2 27	5 21
T 22	12 14	21 21	4 56	19 39	2 51	23 13	1 29	24 42	1 21	5 54	1 26	22 12	1 10	20 24	0 9	3 27	1 26	23 7	6 29	12 10	12 30	26 49	2 28	5 21
W23	12 34	25 17	5 2	19 33	2 46	23 26	1 32	24 43	1 21	5 56	1 26	22 12	1 10	20 24	0 9	3 28	1 26	23 7	6 29	12 13	12 31	26 50	2 30	5 20
T 24	12 54	27 27	4 48	19 24	2 39	23 39	1 34	24 44	1 21	5 57	1 26	22 12	1 10	20 25	0 9	3 29	1 26	23 7	6 29	12 16	12 32	26 51	2 31	5 19
F 25	13 14	27 39	4 14	19 13	2 31	23 52	1 37	24 45	1 21	5 58	1 26	22 12	1 10	20 26	0 9	3 30	1 26	23 7	6 29	12 18	12 33	26 52	2 32	5 18
S 26	13 33	25 57	3 25	18 58	2 21	24 3	1 40	24 46	1 21	5 59	1 26	22 12	1 10	20 26	0 9	3 31	1 26	23 7	6 29	12 20	12 34	26 53	2 34	5 18
S 27	13 52	22 39	2 24	18 41	2 10	24 14	1 43	24 46	1 21	6 0	1 26	22 12	1 10	20 27	0 9	3 31	1 26	23 7	6 28	12 20	12 35	26 53	2 35	5 17
M28	14 11	18 10	1 17	18 22	1 58	24 25	1 45	24 46	1 21	6 1	1 25	22 12	1 10	20 28	0 9	3 32	1 26	23 7	6 28	12 20	12 36	26 54	2 36	5 16
T 29	14 30	12 54	0 7	18 0	1 44	24 34	1 48	24 46	1 21	6 2	1 25	22 12	1 10	20 28	0 9	3 33	1 26	23 7	6 28	12 20	12 37	26 55	2 37	5 15
W30	14n48	7n10	1s 2	17n36	1n30	24n43	1n50	24n46	1n21	6n 3	1n25	22s12	1n10	20n29	0s 9	3n34	1s26	23n 7	6n28	12s20	12s39	26s56	2n38	5s15

Julian Day Number = 2522492.5, Delta T = 157.48 sec
Ecliptic obliquity = 23°24'59, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°27'17, Lahiri = 26°34'18

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2194
geocentric

MAY 2194 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 37 0	10♉59'25	21♍55	13°R53	19♊22	1♋26	17°R56	3°R43	2♊29	12♈25	12♌56	27°R26	26♒32	10♐31	10°R50	T 1
F 2	14 40 56	11°57'44	4♎28	13♉15	20°32	2° 3	17♍54	3♏41	2°32	12°27	12°56	27♒21	26°29	10°38	10♍49	F 2
S 3	14 44 53	12°56'01	16°51	12°37	21°42	2°41	17°52	3°39	2°35	12°29	12°57	27°13	26°25	10°44	10°48	S 3
S 4	14 48 50	13°54'16	29° 5	11°57	22°51	3°18	17°50	3°37	2°39	12°31	12°57	27° 3	26°22	10°51	10°47	S 4
M 5	14 52 46	14°52'29	11♏12	11°19	24° 1	3°55	17°48	3°35	2°42	12°33	12°57	26°50	26°19	10°58	10°47	M 5
T 6	14 56 43	15°50'40	23°13	10°41	25°10	4°33	17°46	3°33	2°45	12°35	12°57	26°37	26°16	11° 4	10°46	T 6
W 7	15 0 39	16°48'50	5♐ 9	10° 5	26°19	5°10	17°45	3°31	2°49	12°37	12°58	26°23	26°13	11°11	10°46	W 7
T 8	15 4 36	17°46'58	17° 2	9°31	27°29	5°47	17°44	3°28	2°52	12°39	12°58	26°11	26° 9	11°18	10°46	T 8
F 9	15 8 32	18°45'05	28°53	9° 0	28°38	6°25	17°43	3°26	2°56	12°41	12°58	26° 0	26° 6	11°25	10°D46	F 9
S 10	15 12 29	19°43'10	10♑45	8°32	29°47	7° 2	17°42	3°23	2°59	12°42	12°59	25°53	26° 3	11°31	10°46	S 10
S 11	15 16 26	20°41'14	22°42	8° 8	0♋55	7°39	17°41	3°21	3° 2	12°44	12°59	25°48	26° 0	11°38	10°46	S 11
M12	15 20 22	21°39'16	4♒47	7°48	2° 4	8°17	17°41	3°18	3° 6	12°46	13° 0	25°45	25°57	11°45	10°46	M12
T 13	15 24 19	22°37'17	17° 5	7°32	3°12	8°54	17°40	3°15	3° 9	12°48	13° 0	25°45	25°54	11°51	10°47	T 13
W14	15 28 15	23°35'17	29°42	7°21	4°21	9°31	17°D40	3°13	3°13	12°50	13° 1	25°45	25°50	11°58	10°47	W14
T 15	15 32 12	24°33'15	12♓41	7°14	5°29	10° 9	17°40	3°10	3°16	12°52	13° 1	25°44	25°47	12° 5	10°48	T 15
F 16	15 36 8	25°31'12	26° 8	7°D12	6°37	10°46	17°41	3° 7	3°20	12°54	13° 2	25°42	25°44	12°12	10°49	F 16
S 17	15 40 5	26°29'08	10♈ 4	7°14	7°45	11°24	17°41	3° 4	3°23	12°55	13° 2	25°37	25°41	12°18	10°50	S 17
S 18	15 44 1	27°27'02	24°29	7°21	8°53	12° 1	17°42	3° 1	3°27	12°57	13° 3	25°30	25°38	12°25	10°50	S 18
M19	15 47 58	28°24'56	9♉20	7°33	10° 1	12°38	17°42	2°57	3°30	12°59	13° 4	25°21	25°35	12°32	10°52	M19
T 20	15 51 54	29°22'47	24°29	7°49	11° 8	13°16	17°43	2°54	3°34	13° 0	13° 4	25°10	25°31	12°39	10°53	T 20
W21	15 55 51	0♊20'38	9♊46	8° 9	12°16	13°53	17°45	2°51	3°37	13° 2	13° 5	24°59	25°28	12°45	10°54	W21
T 22	15 59 48	1°18'27	25° 0	8°34	13°23	14°30	17°46	2°48	3°41	13° 4	13° 6	24°49	25°25	12°52	10°55	T 22
F 23	16 3 44	2°16'15	10♋ 1	9° 3	14°30	15° 8	17°47	2°44	3°44	13° 6	13° 6	24°42	25°22	12°59	10°57	F 23
S 24	16 7 41	3°14'01	24°39	9°36	15°37	15°45	17°49	2°41	3°48	13° 7	13° 7	24°37	25°19	13° 5	10°59	S 24
S 25	16 11 37	4°11'45	8♌52	10°13	16°44	16°22	17°51	2°37	3°51	13° 9	13° 8	24°35	25°15	13°12	11° 0	S 25
M26	16 15 34	5° 9'28	22°38	10°54	17°50	17° 0	17°53	2°33	3°55	13°10	13° 9	24°D34	25°12	13°19	11° 2	M26
T 27	16 19 30	6° 7'09	5♍57	11°39	18°56	17°37	17°55	2°30	3°58	13°12	13°10	24°R34	25° 9	13°26	11° 4	T 27
W28	16 23 27	7° 4'49	18°55	12°27	20° 3	18°15	17°58	2°26	4° 2	13°13	13°10	24°34	25° 6	13°32	11° 6	W28
T 29	16 27 24	8° 2'27	1♎34	13°19	21° 9	18°52	18° 0	2°22	4° 5	13°15	13°11	24°31	25° 3	13°39	11° 8	T 29
F 30	16 31 20	9° 0'03	13°57	14°14	22°14	19°29	18° 3	2°18	4° 9	13°16	13°12	24°27	25° 0	13°46	11°11	F 30
S 31	16 35 17	9♊57'38	26♎10	15♉13	23♋20	20♋ 7	18♍ 6	2♏14	4♊12	13♈18	13♌13	24♒20	24♒56	13♐52	11♍13	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15n 7	1n17	2s 6	17n11	1n15	24n52	1n53	24n46	1n21	6n 4	1n25	22s12	1n10	20n30	0s 9	3n35	1s26	23n 6	6n28	12s21	12s40	26s57	2n39	5s14
F 2	15 25	4s34	3 2	16 44	0 59	24 59	1 55	24 45	1 21	6 5	1 25	22 12	1 10	20 30	0 9	3 35	1 26	23 6	6 28	12 23	12 41	26 57	2 40	5 13
S 3	15 42	10 9	3 50	16 17	0 42	25 6	1 57	24 45	1 21	6 5	1 25	22 12	1 10	20 31	0 9	3 36	1 26	23 6	6 28	12 25	12 42	26 58	2 41	5 12
S 4	16 0	15 16	4 26	15 48	0 25	25 13	2 0	24 44	1 21	6 6	1 24	22 12	1 10	20 32	0 9	3 37	1 26	23 6	6 28	12 29	12 43	26 59	2 42	5 11
M 5	16 17	19 45	4 49	15 20	0 8	25 19	2 2	24 43	1 21	6 7	1 24	22 12	1 10	20 32	0 9	3 38	1 26	23 6	6 28	12 33	12 44	27 0	2 43	5 11
T 6	16 34	23 23	4 59	14 52	0s10	25 24	2 4	24 41	1 21	6 7	1 24	22 12	1 10	20 33	0 9	3 38	1 26	23 6	6 28	12 38	12 45	27 0	2 44	5 10
W 7	16 51	26 0	4 56	14 24	0 27	25 28	2 6	24 40	1 21	6 7	1 24	22 12	1 10	20 34	0 9	3 39	1 26	23 5	6 27	12 43	12 46	27 1	2 45	5 9
T 8	17 7	27 26	4 41	13 57	0 44	25 32	2 8	24 38	1 21	6 8	1 24	22 12	1 10	20 34	0 9	3 40	1 26	23 5	6 27	12 47	12 47	27 2	2 46	5 8
F 9	17 23	27 37	4 13	13 32	1 1	25 34	2 10	24 37	1 21	6 8	1 23	22 12	1 10	20 35	0 9	3 41	1 26	23 5	6 27	12 50	12 48	27 3	2 47	5 7
S 10	17 39	26 32	3 34	13 7	1 17	25 37	2 12	24 35	1 21	6 8	1 23	22 12	1 10	20 36	0 9	3 41	1 26	23 5	6 27	12 53	12 49	27 3	2 47	5 7
S 11	17 54	24 13	2 45	12 45	1 32	25 38	2 14	24 33	1 21	6 8	1 23	22 12	1 10	20 36	0 9	3 42	1 26	23 5	6 27	12 55	12 50	27 4	2 48	5 6
M12	18 10	20 48	1 48	12 25	1 47	25 39	2 15	24 30	1 21	6 8	1 23	22 12	1 10	20 37	0 9	3 43	1 27	23 4	6 27	12 55	12 51	27 5	2 49	5 5
T 13	18 25	16 25	0 46	12 7	2 1	25 39	2 17	24 28	1 21	6 8	1 23	22 12	1 10	20 38	0 9	3 43	1 27	23 4	6 27	12 56	12 53	27 5	2 49	5 4
W14	18 39	11 14	0n21	11 51	2 14	25 39	2 18	24 25	1 21	6 8	1 22	22 12	1 10	20 38	0 9	3 44	1 27	23 4	6 27	12 56	12 54	27 6	2 50	5 3
T 15	18 53	5 26	1 28	11 37	2 26	25 38	2 20	24 22	1 21	6 8	1 22	22 12	1 10	20 39	0 9	3 45	1 27	23 4	6 27	12 56	12 55	27 7	2 50	5 3
F 16	19 7	0n48	2 33	11 26	2 37	25 36	2 21	24 19	1 21	6 7	1 22	22 12	1 10	20 40	0 9	3 45	1 27	23 3	6 27	12 57	12 56	27 7	2 51	5 2
S 17	19 21	7 13	3 31	11 17	2 47	25 34	2 23	24 16	1 21	6 7	1 22	22 13	1 10	20 40	0 9	3 46	1 27	23 3	6 26	12 58	12 57	27 8	2 51	5 1
S 18	19 34	13 28	4 18	11 10	2 56	25 30	2 24	24 13	1 20	6 7	1 21	22 13	1 10	20 41	0 9	3 47	1 27	23 3	6 26	13 0	12 58	27 9	2 52	5 0
M19	19 47	19 9	4 49	11 6	3 4	25 27	2 25	24 9	1 20	6 6	1 21	22 13	1 10	20 42	0 9	3 47	1 27	23 3	6 26	13 4	12 59	27 9	2 52	4 59
T 20	20 0	23 43	5 0	11 5	3 11	25 22	2 26	24 5	1 20	6 5	1 21	22 13	1 10	20 42	0 9	3 48	1 27	23 2	6 26	13 7	13 0	27 10	2 52	4 59
W21	20 12	26 41	4 50	11 6	3 18	25 17	2 27	24 1	1 20	6 5	1 21	22 13	1 10	20 43	0 9	3 49	1 27	23 2	6 26	13 11	13 1	27 11	2 53	4 58
T 22	20 24	27 39	4 20	11 9	3 23	25 11	2 27	23 57	1 20	6 4	1 21	22 13	1 10	20 44	0 8	3 49	1 27	23 2	6 26	13 14	13 2	27 11	2 53	4 57
F 23	20 36	26 34	3 32	11 14	3 27	25 5	2 28	23 53	1 20	6 3	1 20	22 13	1 10	20 44	0 8	3 50	1 27	23 1	6 26	13 17	13 3	27 12	2 53	4 56
S 24	20 47	23 39	2 31	11 21	3 30	24 58	2 29	23 49	1 20	6 2	1 20	22 13	1 10	20 45	0 8	3 50	1 27	23 1	6 26	13 18	13 4	27 12	2 53	4 55
S 25	20 58	19 21	1 22	11 30	3 33	24 50	2 29	23 44	1 20	6 2	1 20	22 13	1 10	20 46	0 8	3 51	1 27	23 1	6 26	13 19	13 5	27 13	2 53	4 55
M26	21 8	14 7	0 10	11 41	3 34	24 42	2 30	23 39	1 20	6 1	1 20	22 13	1 10	20 46	0 8	3 51	1 27	23 0	6 26	13 19	13 6	27 14	2 53	4 54
T 27	21 18	8 23	1s 0	11 54	3 35	24 33	2 30	23 34	1 20	5 59	1 20	22 13	1 10	20 47	0 8	3 52	1 27	23 0	6 25	13 19	13 8	27 14	2 53	4 53
W28	21 28	2 28	2 5	12 9	3 35	24 24	2 30	23 29	1 20	5 58	1 19	22 13	1 10	20 48	0 8	3 53	1 27	23 0	6 25	13 19	13 9	27 15	2 53	4 52
T 29	21 38	3s25	3 2	12 25	3 34	24 14	2 30	23 24	1 19	5 57	1 19	22 13	1 10	20 48	0 8	3 53	1 27	22 59	6 25	13 20	13 10	27 15	2 53	4 51
F 30	21 47	9 2	3 50	12 43	3 32	24 3	2 30	23 19	1 19	5 56	1 19	22 14	1 10	20 49	0 8	3 54	1 27	22 59	6 25	13 22	13 11	27 16	2 53	4 51
S 31	21n55	14s13	4s26	13n 2	3s30	23n52	2n30	23n13	1n19	5n55	1n19	22s14	1n10	20n50	0s 8	3n54	1s27	22n59	6n25	13s24	13s12	27s17	2n53	4s50

Julian Day Number = 2522522.5, Delta T = 157.56 sec
Ecliptic obliquity = 23°24'58, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°27'22, Lahiri = 26°34'22

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2194
geocentric

JUNE 2194 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 39 13	10♊55'12	8♏15	16♉15	24♋25	20♋44	18♍ 9	2°R11	4♊16	13♈19	13♌14	24°R10	24♒53	13♐59	11♍16	S 1
M 2	16 43 10	11°52'45	20°13	17°20	25°30	21°21	18°12	2♉ 7	4°19	13°21	13°15	23♒59	24°50	14° 6	11°18	M 2
T 3	16 47 6	12°50'16	2♐ 8	18°28	26°35	21°59	18°16	2° 3	4°23	13°22	13°16	23°46	24°47	14°13	11°21	T 3
W 4	16 51 3	13°47'47	14° 1	19°39	27°40	22°36	18°19	1°58	4°26	13°23	13°17	23°33	24°44	14°19	11°24	W 4
T 5	16 54 59	14°45'16	25°53	20°53	28°45	23°13	18°23	1°54	4°30	13°25	13°18	23°22	24°41	14°26	11°27	T 5
F 6	16 58 56	15°42'44	7♑46	22°10	29°49	23°51	18°27	1°50	4°33	13°26	13°19	23°12	24°37	14°33	11°30	F 6
S 7	17 2 53	16°40'12	19°41	23°29	0♌53	24°28	18°31	1°46	4°37	13°27	13°20	23° 5	24°34	14°39	11°33	S 7
S 8	17 6 49	17°37'39	1♒42	24°52	1°57	25° 6	18°35	1°42	4°40	13°28	13°21	23° 0	24°31	14°46	11°36	S 8
M 9	17 10 46	18°35'04	13°51	26°17	3° 0	25°43	18°39	1°38	4°43	13°30	13°22	22°58	24°28	14°53	11°39	M 9
T 10	17 14 42	19°32'30	26°11	27°46	4° 3	26°20	18°44	1°33	4°47	13°31	13°24	22°D57	24°25	15° 0	11°43	T 10
W11	17 18 39	20°29'54	8♓48	29°17	5° 6	26°58	18°49	1°29	4°50	13°32	13°25	22°58	24°21	15° 6	11°46	W11
T 12	17 22 35	21°27'18	21°45	0♊50	6° 9	27°35	18°54	1°25	4°54	13°33	13°26	22°R58	24°18	15°13	11°50	T 12
F 13	17 26 32	22°24'41	5♈ 7	2°27	7°11	28°12	18°59	1°21	4°57	13°34	13°27	22°58	24°15	15°20	11°54	F 13
S 14	17 30 28	23°22'04	18°55	4° 6	8°14	28°50	19° 4	1°16	5° 0	13°35	13°28	22°55	24°12	15°26	11°57	S 14
S 15	17 34 25	24°19'26	3♉12	5°48	9°15	29°27	19° 9	1°12	5° 4	13°36	13°30	22°50	24° 9	15°33	12° 1	S 15
M16	17 38 22	25°16'48	17°54	7°32	10°17	0♌ 5	19°14	1° 7	5° 7	13°37	13°31	22°44	24° 6	15°40	12° 5	M16
T 17	17 42 18	26°14'10	2♊57	9°20	11°18	0°42	19°20	1° 3	5°10	13°38	13°32	22°36	24° 2	15°47	12°10	T 17
W18	17 46 15	27°11'31	18°11	11° 9	12°19	1°19	19°26	0°59	5°14	13°39	13°33	22°27	23°59	15°53	12°14	W18
T 19	17 50 11	28° 8'52	3♋27	13° 2	13°20	1°57	19°32	0°54	5°17	13°40	13°35	22°20	23°56	16° 0	12°18	T 19
F 20	17 54 8	29° 6'12	18°32	14°56	14°20	2°34	19°38	0°50	5°20	13°41	13°36	22°14	23°53	16° 7	12°22	F 20
S 21	17 58 4	0♋ 3'31	3♌19	16°54	15°20	3°12	19°44	0°45	5°24	13°42	13°37	22°11	23°50	16°13	12°27	S 21
S 22	18 2 1	1° 0'49	17°41	18°53	16°19	3°49	19°50	0°41	5°27	13°43	13°39	22°D 9	23°47	16°20	12°32	S 22
M23	18 5 58	1°58'07	1♍35	20°55	17°19	4°27	19°57	0°37	5°30	13°43	13°40	22° 9	23°43	16°27	12°36	M23
T 24	18 9 54	2°55'24	15° 1	22°58	18°17	5° 4	20° 3	0°32	5°33	13°44	13°42	22°10	23°40	16°34	12°41	T 24
W25	18 13 51	3°52'40	28° 3	25° 4	19°16	5°42	20°10	0°28	5°37	13°45	13°43	22°R11	23°37	16°40	12°46	W25
T 26	18 17 47	4°49'55	10♎43	27°11	20°14	6°19	20°17	0°23	5°40	13°46	13°44	22°11	23°34	16°47	12°51	T 26
F 27	18 21 44	5°47'10	23° 5	29°19	21°11	6°56	20°24	0°19	5°43	13°46	13°46	22°10	23°31	16°54	12°56	F 27
S 28	18 25 40	6°44'24	5♏14	1♋28	22° 8	7°34	20°31	0°14	5°46	13°47	13°47	22° 6	23°27	17° 0	13° 1	S 28
S 29	18 29 37	7°41'37	17°14	3°39	23° 5	8°11	20°38	0°10	5°49	13°47	13°49	22° 1	23°24	17° 7	13° 6	S 29
M30	18 33 33	8♋38'50	29♏ 9	5♋50	24♌ 1	8♌49	20♍46	0♑ 6	5♊52	13♈48	13♌50	21♒54	23♒21	17♐14	13♍11	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n 4	18s48	4s50	13n23	3s27	23n40	2n29	23n 7	1n19	5n53	1n19	22s14	1n10	20n50	0s 8	3n55	1s27	22n58	6n25	13s27	13s13	27s17	2n53	4s49
M 2	22 11	22 36	5 0	13 44	3 23	23 28	2 29	23 1	1 19	5 52	1 18	22 14	1 10	20 51	0 8	3 55	1 27	22 58	6 25	13 31	13 14	27 18	2 52	4 48
T 3	22 19	25 26	4 58	14 7	3 19	23 15	2 28	22 55	1 19	5 50	1 18	22 14	1 10	20 52	0 8	3 56	1 27	22 58	6 25	13 35	13 15	27 18	2 52	4 47
W 4	22 26	27 8	4 42	14 31	3 14	23 1	2 28	22 49	1 19	5 49	1 18	22 14	1 10	20 52	0 8	3 56	1 27	22 57	6 25	13 39	13 16	27 19	2 52	4 47
T 5	22 33	27 36	4 15	14 56	3 8	22 47	2 27	22 43	1 19	5 47	1 18	22 14	1 10	20 53	0 8	3 57	1 28	22 57	6 25	13 43	13 17	27 19	2 51	4 46
F 6	22 39	26 47	3 36	15 22	3 2	22 33	2 26	22 36	1 18	5 45	1 17	22 14	1 10	20 54	0 8	3 57	1 28	22 56	6 25	13 46	13 18	27 20	2 51	4 45
S 7	22 45	24 44	2 47	15 48	2 55	22 18	2 25	22 29	1 18	5 43	1 17	22 14	1 10	20 54	0 8	3 58	1 28	22 56	6 25	13 49	13 19	27 20	2 50	4 44
S 8	22 50	21 34	1 51	16 15	2 47	22 3	2 24	22 23	1 18	5 42	1 17	22 14	1 10	20 55	0 8	3 58	1 28	22 56	6 24	13 50	13 20	27 21	2 50	4 44
M 9	22 56	17 26	0 48	16 43	2 40	21 47	2 22	22 16	1 18	5 40	1 17	22 15	1 10	20 55	0 8	3 58	1 28	22 55	6 24	13 51	13 21	27 21	2 49	4 43
T 10	23 0	12 30	0n17	17 11	2 31	21 30	2 21	22 8	1 18	5 38	1 17	22 15	1 10	20 56	0 8	3 59	1 28	22 55	6 24	13 51	13 22	27 22	2 49	4 42
W11	23 5	6 58	1 24	17 40	2 22	21 14	2 19	22 1	1 18	5 36	1 16	22 15	1 10	20 57	0 8	3 59	1 28	22 54	6 24	13 51	13 23	27 22	2 48	4 41
T 12	23 8	1 1	2 27	18 8	2 13	20 56	2 18	21 54	1 18	5 34	1 16	22 15	1 10	20 57	0 8	4 0	1 28	22 54	6 24	13 51	13 24	27 22	2 47	4 41
F 13	23 12	5n10	3 25	18 37	2 3	20 39	2 16	21 46	1 17	5 32	1 16	22 15	1 10	20 58	0 8	4 0	1 28	22 54	6 24	13 51	13 25	27 23	2 47	4 40
S 14	23 15	11 19	4 13	19 5	1 53	20 21	2 14	21 38	1 17	5 29	1 16	22 15	1 10	20 59	0 8	4 0	1 28	22 53	6 24	13 52	13 27	27 23	2 46	4 39
S 15	23 18	17 4	4 47	19 34	1 43	20 2	2 12	21 30	1 17	5 27	1 16	22 15	1 9	20 59	0 8	4 1	1 28	22 53	6 24	13 53	13 28	27 24	2 45	4 38
M16	23 20	22 1	5 4	20 1	1 33	19 43	2 9	21 22	1 17	5 25	1 16	22 15	1 9	21 0	0 8	4 1	1 28	22 52	6 24	13 56	13 29	27 24	2 44	4 38
T 17	23 22	25 38	5 0	20 29	1 22	19 24	2 7	21 14	1 17	5 22	1 15	22 15	1 9	21 0	0 8	4 1	1 28	22 52	6 24	13 58	13 30	27 25	2 43	4 37
W18	23 23	27 27	4 35	20 56	1 11	19 4	2 4	21 6	1 17	5 20	1 15	22 15	1 9	21 1	0 8	4 2	1 28	22 51	6 24	14 1	13 31	27 25	2 43	4 36
T 19	23 24	27 13	3 51	21 21	0 59	18 44	2 1	20 57	1 17	5 17	1 15	22 16	1 9	21 2	0 8	4 2	1 28	22 51	6 24	14 3	13 32	27 25	2 42	4 35
F 20	23 25	24 57	2 50	21 46	0 48	18 24	1 58	20 48	1 16	5 15	1 15	22 16	1 9	21 2	0 8	4 2	1 28	22 51	6 24	14 5	13 33	27 26	2 41	4 35
S 21	23 25	21 0	1 39	22 10	0 37	18 4	1 55	20 40	1 16	5 12	1 15	22 16	1 9	21 3	0 8	4 3	1 28	22 50	6 24	14 6	13 34	27 26	2 40	4 34
S 22	23 25	15 54	0 24	22 32	0 25	17 43	1 52	20 31	1 16	5 10	1 14	22 16	1 9	21 3	0 8	4 3	1 28	22 50	6 24	14 7	13 35	27 27	2 38	4 33
M23	23 24	10 7	0s51	22 52	0 14	17 21	1 49	20 22	1 16	5 7	1 14	22 16	1 9	21 4	0 8	4 3	1 28	22 49	6 24	14 7	13 36	27 27	2 37	4 33
T 24	23 23	4 3	2 0	23 11	0 3	17 0	1 45	20 12	1 16	5 4	1 14	22 16	1 9	21 4	0 8	4 3	1 29	22 49	6 24	14 6	13 37	27 27	2 36	4 32
W25	23 22	2s 0	3 1	23 28	0n 8	16 38	1 41	20 3	1 15	5 1	1 14	22 16	1 9	21 5	0 8	4 4	1 29	22 48	6 24	14 6	13 38	27 28	2 35	4 31
T 26	23 20	7 47	3 51	23 42	0 19	16 16	1 37	19 53	1 15	4 59	1 14	22 16	1 9	21 6	0 8	4 4	1 29	22 48	6 23	14 6	13 39	27 28	2 34	4 31
F 27	23 17	13 8	4 30	23 54	0 29	15 54	1 33	19 44	1 15	4 56	1 13	22 16	1 9	21 6	0 8	4 4	1 29	22 47	6 23	14 7	13 40	27 28	2 32	4 30
S 28	23 15	17 53	4 55	24 4	0 39	15 31	1 29	19 34	1 15	4 53	1 13	22 16	1 8	21 7	0 8	4 4	1 29	22 47	6 23	14 8	13 41	27 29	2 31	4 29
S 29	23 12	21 52	5 7	24 11	0 49	15 9	1 25	19 24	1 15	4 50	1 13	22 17	1 8	21 7	0 8	4 4	1 29	22 46	6 23	14 9	13 42	27 29	2 30	4 28
M30	23n 8	24s55	5s 6	24n15	0n58	14n46	1n20	19n14	1n15	4n47	1n13	22s17	1n 8	21n 8	0s 8	4n 4	1s29	22n46	6n23	14s12	13s43	27s29	2n28	4s28

Julian Day Number = 2522553.5, Delta T = 157.64 sec
Ecliptic obliquity = 23°24'57, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°27'26, Lahiri = 26°34'26

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2194
geocentric

JULY 2194 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 37 30	9♋36'03	11♐ 1	8♋ 1	24♌57	9♌26	20♍53	0°R 1	5♊55	13♈49	13♌52	21°R46	23♒18	17♐21	13♍17	T 1
W 2	18 41 27	10°33'16	22°53	10°12	25°52	10° 4	21° 1	29♐57	5°58	13°49	13°53	21♒39	23°15	17°27	13°22	W 2
T 3	18 45 23	11°30'28	4♑47	12°23	26°46	10°41	21° 8	29°53	6° 1	13°50	13°55	21°32	23°12	17°34	13°28	T 3
F 4	18 49 20	12°27'40	16°44	14°33	27°40	11°19	21°16	29°49	6° 4	13°50	13°56	21°26	23° 8	17°41	13°33	F 4
S 5	18 53 16	13°24'52	28°47	16°42	28°34	11°56	21°24	29°44	6° 7	13°50	13°58	21°22	23° 5	17°47	13°39	S 5
S 6	18 57 13	14°22'03	10♒57	18°51	29°27	12°34	21°32	29°40	6°10	13°51	13°59	21°20	23° 2	17°54	13°45	S 6
M 7	19 1 9	15°19'15	23°16	20°58	0♍19	13°11	21°41	29°36	6°13	13°51	14° 1	21°D19	22°59	18° 1	13°51	M 7
T 8	19 5 6	16°16'27	5♓47	23° 4	1°11	13°49	21°49	29°32	6°16	13°51	14° 3	21°20	22°56	18° 8	13°56	T 8
W 9	19 9 2	17°13'39	18°32	25° 9	2° 2	14°26	21°57	29°28	6°19	13°52	14° 4	21°21	22°53	18°14	14° 2	W 9
T 10	19 12 59	18°10'51	1♈34	27°12	2°52	15° 4	22° 6	29°24	6°22	13°52	14° 6	21°23	22°49	18°21	14° 8	T 10
F 11	19 16 56	19° 8'04	14°55	29°13	3°42	15°41	22°15	29°20	6°24	13°52	14° 8	21°R24	22°46	18°28	14°15	F 11
S 12	19 20 52	20° 5'17	28°39	1♌13	4°30	16°19	22°23	29°16	6°27	13°52	14° 9	21°24	22°43	18°34	14°21	S 12
S 13	19 24 49	21° 2'31	12♉45	3°11	5°19	16°56	22°32	29°12	6°30	13°52	14°11	21°22	22°40	18°41	14°27	S 13
M14	19 28 45	21°59'45	27°13	5° 7	6° 6	17°34	22°41	29° 8	6°33	13°53	14°12	21°19	22°37	18°48	14°33	M14
T 15	19 32 42	22°56'59	11♊59	7° 1	6°53	18°12	22°50	29° 4	6°35	13°53	14°14	21°16	22°33	18°54	14°40	T 15
W16	19 36 38	23°54'14	26°56	8°53	7°39	18°49	22°59	29° 0	6°38	13°53	14°16	21°12	22°30	19° 1	14°46	W16
T 17	19 40 35	24°51'30	11♋57	10°43	8°24	19°27	23° 9	28°56	6°41	13°R53	14°18	21° 9	22°27	19° 8	14°53	T 17
F 18	19 44 31	25°48'46	26°52	12°32	9° 8	20° 4	23°18	28°53	6°43	13°53	14°19	21° 6	22°24	19°15	14°59	F 18
S 19	19 48 28	26°46'02	11♌34	14°18	9°51	20°42	23°28	28°49	6°46	13°53	14°21	21° 5	22°21	19°21	15° 6	S 19
S 20	19 52 25	27°43'18	25°56	16° 3	10°33	21°20	23°37	28°45	6°48	13°53	14°23	21°D 5	22°18	19°28	15°13	S 20
M21	19 56 21	28°40'34	9♍53	17°46	11°14	21°57	23°47	28°42	6°51	13°52	14°24	21° 5	22°14	19°35	15°20	M21
T 22	20 0 18	29°37'51	23°25	19°27	11°54	22°35	23°57	28°38	6°53	13°52	14°26	21° 7	22°11	19°41	15°27	T 22
W23	20 4 14	0♎35'08	6♎31	21° 6	12°33	23°12	24° 6	28°35	6°56	13°52	14°28	21° 8	22° 8	19°48	15°33	W23
T 24	20 8 11	1°32'25	19°15	22°43	13°11	23°50	24°16	28°31	6°58	13°52	14°30	21° 9	22° 5	19°55	15°40	T 24
F 25	20 12 7	2°29'42	1♏40	24°18	13°48	24°28	24°26	28°28	7° 0	13°52	14°31	21°R10	22° 2	20° 2	15°47	F 25
S 26	20 16 4	3°27'00	13°50	25°51	14°23	25° 5	24°37	28°25	7° 3	13°51	14°33	21° 9	21°59	20° 8	15°55	S 26
S 27	20 20 0	4°24'18	25°50	27°23	14°58	25°43	24°47	28°22	7° 5	13°51	14°35	21° 8	21°55	20°15	16° 2	S 27
M28	20 23 57	5°21'36	7♐44	28°52	15°31	26°21	24°57	28°19	7° 7	13°51	14°37	21° 6	21°52	20°22	16° 9	M28
T 29	20 27 54	6°18'55	19°35	0♍20	16° 2	26°59	25° 7	28°16	7° 9	13°50	14°38	21° 4	21°49	20°28	16°16	T 29
W30	20 31 50	7°16'14	1♑29	1°46	16°32	27°36	25°18	28°13	7°11	13°50	14°40	21° 2	21°46	20°35	16°23	W30
T 31	20 35 47	8♌13'34	13♑26	3♍ 9	17♍ 1	28♌14	25♍28	28♐10	7♊13	13♈49	14♌42	21♒ 0	21♒43	20♐42	16♍31	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n 4	26s53	4s51	24n16	1n 6	14n23	1n15	19n 4	1n14	4n43	1n13	22s17	1n 8	21n 8	0s 8	4n 5	1s29	22n46	6n23	14s14	13s44	27s30	2n27	4s27
W 2	23 0	27 37	4 24	24 15	1 14	14 0	1 11	18 54	1 14	4 40	1 13	22 17	1 8	21 9	0 8	4 5	1 29	22 45	6 23	14 17	13 45	27 30	2 26	4 26
T 3	22 55	27 5	3 45	24 11	1 21	13 36	1 5	18 43	1 14	4 37	1 12	22 17	1 8	21 9	0 8	4 5	1 29	22 45	6 23	14 19	13 46	27 30	2 24	4 26
F 4	22 50	25 17	2 57	24 4	1 27	13 13	1 0	18 33	1 14	4 34	1 12	22 17	1 8	21 10	0 8	4 5	1 29	22 44	6 23	14 21	13 47	27 30	2 23	4 25
S 5	22 44	22 20	1 59	23 54	1 33	12 49	0 55	18 22	1 14	4 31	1 12	22 17	1 8	21 10	0 8	4 5	1 29	22 44	6 23	14 22	13 49	27 31	2 21	4 25
S 6	22 39	18 22	0 56	23 42	1 37	12 25	0 49	18 12	1 13	4 27	1 12	22 17	1 8	21 11	0 8	4 5	1 29	22 43	6 23	14 23	13 50	27 31	2 19	4 24
M 7	22 32	13 35	0n11	23 27	1 42	12 1	0 43	18 1	1 13	4 24	1 12	22 17	1 8	21 11	0 8	4 5	1 29	22 43	6 23	14 23	13 51	27 31	2 18	4 23
T 8	22 26	8 10	1 18	23 10	1 45	11 37	0 37	17 50	1 13	4 20	1 12	22 17	1 7	21 12	0 8	4 5	1 29	22 42	6 23	14 23	13 52	27 31	2 16	4 23
W 9	22 18	2 20	2 23	22 51	1 48	11 14	0 31	17 39	1 13	4 17	1 11	22 18	1 7	21 12	0 8	4 5	1 29	22 42	6 23	14 22	13 53	27 32	2 14	4 22
T 10	22 11	3n43	3 22	22 29	1 49	10 49	0 25	17 27	1 13	4 13	1 11	22 18	1 7	21 13	0 8	4 5	1 29	22 41	6 23	14 22	13 54	27 32	2 13	4 21
F 11	22 3	9 45	4 12	22 6	1 51	10 25	0 18	17 16	1 12	4 10	1 11	22 18	1 7	21 13	0 8	4 5	1 29	22 41	6 23	14 21	13 55	27 32	2 11	4 21
S 12	21 55	15 29	4 49	21 40	1 51	10 1	0 11	17 5	1 12	4 6	1 11	22 18	1 7	21 14	0 8	4 5	1 30	22 40	6 23	14 21	13 56	27 32	2 9	4 20
S 13	21 46	20 33	5 9	21 13	1 51	9 37	0 4	16 53	1 12	4 3	1 11	22 18	1 7	21 14	0 8	4 5	1 30	22 40	6 23	14 22	13 57	27 33	2 7	4 20
M14	21 37	24 34	5 11	20 45	1 50	9 13	0s 3	16 41	1 12	3 59	1 11	22 18	1 7	21 15	0 8	4 5	1 30	22 39	6 23	14 23	13 58	27 33	2 5	4 19
T 15	21 28	27 2	4 53	20 15	1 48	8 49	0 10	16 30	1 11	3 55	1 11	22 18	1 7	21 15	0 8	4 5	1 30	22 39	6 23	14 24	13 59	27 33	2 3	4 18
W16	21 18	27 37	4 14	19 43	1 46	8 25	0 18	16 18	1 11	3 52	1 10	22 18	1 6	21 16	0 8	4 5	1 30	22 38	6 23	14 25	14 0	27 33	2 2	4 18
T 17	21 8	26 10	3 18	19 11	1 43	8 1	0 26	16 6	1 11	3 48	1 10	22 18	1 6	21 16	0 8	4 5	1 30	22 38	6 23	14 26	14 1	27 33	2 0	4 17
F 18	20 58	22 52	2 9	18 37	1 40	7 37	0 34	15 54	1 11	3 44	1 10	22 18	1 6	21 17	0 8	4 5	1 30	22 37	6 23	14 27	14 2	27 34	1 58	4 17
S 19	20 47	18 8	0 52	18 3	1 36	7 13	0 42	15 42	1 11	3 40	1 10	22 19	1 6	21 17	0 8	4 5	1 30	22 37	6 23	14 27	14 3	27 34	1 56	4 16
S 20	20 36	12 27	0s27	17 28	1 31	6 50	0 50	15 29	1 10	3 36	1 10	22 19	1 6	21 17	0 8	4 5	1 30	22 36	6 23	14 27	14 4	27 34	1 53	4 16
M21	20 24	6 17	1 42	16 52	1 26	6 26	0 59	15 17	1 10	3 32	1 10	22 19	1 6	21 18	0 8	4 5	1 30	22 36	6 23	14 27	14 5	27 34	1 51	4 15
T 22	20 12	0 2	2 49	16 15	1 21	6 3	1 8	15 4	1 10	3 28	1 10	22 19	1 6	21 18	0 8	4 5	1 30	22 35	6 23	14 27	14 6	27 34	1 49	4 14
W23	20 0	6s 2	3 45	15 38	1 15	5 40	1 17	14 52	1 10	3 24	1 10	22 19	1 6	21 19	0 8	4 5	1 30	22 35	6 23	14 26	14 7	27 34	1 47	4 14
T 24	19 48	11 40	4 28	15 1	1 9	5 17	1 26	14 39	1 9	3 20	1 9	22 19	1 5	21 19	0 8	4 5	1 30	22 34	6 23	14 26	14 8	27 34	1 45	4 13
F 25	19 35	16 41	4 57	14 23	1 2	4 54	1 36	14 26	1 9	3 16	1 9	22 19	1 5	21 19	0 8	4 5	1 30	22 34	6 23	14 26	14 9	27 34	1 43	4 13
S 26	19 22	20 57	5 13	13 45	0 55	4 31	1 45	14 14	1 9	3 12	1 9	22 19	1 5	21 20	0 8	4 4	1 30	22 33	6 23	14 26	14 10	27 35	1 40	4 12
S 27	19 8	24 17	5 14	13 6	0 47	4 9	1 55	14 1	1 9	3 8	1 9	22 19	1 5	21 20	0 8	4 4	1 30	22 33	6 23	14 26	14 11	27 35	1 38	4 12
M28	18 55	26 33	5 2	12 28	0 39	3 47	2 5	13 48	1 8	3 4	1 9	22 20	1 5	21 21	0 8	4 4	1 30	22 32	6 24	14 27	14 12	27 35	1 36	4 11
T 29	18 41	27 37	4 37	11 49	0 31	3 25	2 15	13 34	1 8	2 59	1 9	22 20	1 5	21 21	0 8	4 4	1 30	22 32	6 24	14 28	14 13	27 35	1 34	4 11
W30	18 26	27 25	4 0	11 11	0 22	3 4	2 26	13 21	1 8	2 55	1 9	22 20	1 4	21 21	0 8	4 4	1 31	22 31	6 24	14 28	14 14	27 35	1 31	4 10
T 31	18n11	25s56	3s13	10n33	0n13	2n43	2s37	13n 8	1n 8	2n51	1n 9	22s20	1n 4	21n22	0s 8	4n 3	1s31	22n31	6n24	14s29	14s15	27s35	1n29	4s10

Julian Day Number = 2522583.5, Delta T = 157.71 sec
Ecliptic obliquity = 23°24'57, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°27'30, Lahiri = 26°34'30

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2194
geocentric

AUGUST 2194 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 39 43	9♌10'54	25♉31	4♍31	17♍28	28♌52	25♍39	28°R 7	7♊15	13°R49	14♌44	20°R59	21♒39	20♐49	16♍38	F 1
S 2	20 43 40	10° 8'15	7♒44	5°51	17°54	29°30	25°50	28♐ 4	7°17	13♈49	14°45	20♒58	21°36	20°55	16°46	S 2
S 3	20 47 36	11° 5'37	20° 8	7° 8	18°17	0♍ 7	26° 0	28° 2	7°19	13°48	14°47	20°D58	21°33	21° 2	16°53	S 3
M 4	20 51 33	12° 3'00	2♓44	8°24	18°40	0°45	26°11	27°59	7°21	13°47	14°49	20°58	21°30	21° 9	17° 1	M 4
T 5	20 55 29	13° 0'23	15°32	9°37	19° 0	1°23	26°22	27°57	7°23	13°47	14°51	20°59	21°27	21°15	17° 8	T 5
W 6	20 59 26	13°57'48	28°34	10°48	19°19	2° 1	26°33	27°54	7°25	13°46	14°53	20°59	21°24	21°22	17°16	W 6
T 7	21 3 23	14°55'13	11♈50	11°56	19°35	2°39	26°44	27°52	7°27	13°46	14°54	21° 0	21°20	21°29	17°24	T 7
F 8	21 7 19	15°52'40	25°22	13° 3	19°50	3°16	26°55	27°50	7°29	13°45	14°56	21° 0	21°17	21°35	17°31	F 8
S 9	21 11 16	16°50'08	9♉ 8	14° 6	20° 3	3°54	27° 7	27°48	7°30	13°44	14°58	21° 0	21°14	21°42	17°39	S 9
S 10	21 15 12	17°47'38	23°10	15° 7	20°14	4°32	27°18	27°46	7°32	13°43	15° 0	21°R 1	21°11	21°49	17°47	S 10
M11	21 19 9	18°45'09	7♊25	16° 6	20°22	5°10	27°29	27°44	7°34	13°43	15° 1	21° 0	21° 8	21°56	17°55	M11
T 12	21 23 5	19°42'41	21°51	17° 1	20°29	5°48	27°40	27°42	7°35	13°42	15° 3	21° 0	21° 5	22° 2	18° 3	T 12
W13	21 27 2	20°40'14	6♋25	17°54	20°33	6°26	27°52	27°40	7°37	13°41	15° 5	21°D 0	21° 1	22° 9	18°11	W13
T 14	21 30 58	21°37'49	21° 1	18°43	20°R35	7° 4	28° 3	27°38	7°38	13°40	15° 7	21° 0	20°58	22°16	18°19	T 14
F 15	21 34 55	22°35'25	5♌34	19°29	20°35	7°42	28°15	27°37	7°40	13°39	15° 9	21° 0	20°55	22°22	18°27	F 15
S 16	21 38 52	23°33'03	19°58	20°12	20°33	8°20	28°27	27°35	7°41	13°38	15°10	21°R 0	20°52	22°29	18°35	S 16
S 17	21 42 48	24°30'41	4♍ 7	20°51	20°28	8°58	28°38	27°34	7°43	13°37	15°12	21° 0	20°49	22°36	18°43	S 17
M18	21 46 45	25°28'21	17°58	21°26	20°20	9°36	28°50	27°32	7°44	13°36	15°14	21° 0	20°45	22°42	18°51	M18
T 19	21 50 41	26°26'01	1♎27	21°57	20°11	10°14	29° 2	27°31	7°45	13°36	15°16	20°59	20°42	22°49	18°59	T 19
W20	21 54 38	27°23'43	14°34	22°23	19°59	10°52	29°14	27°30	7°46	13°34	15°17	20°59	20°39	22°56	19° 7	W20
T 21	21 58 34	28°21'26	27°20	22°45	19°45	11°30	29°26	27°29	7°48	13°33	15°19	20°58	20°36	23° 3	19°15	T 21
F 22	22 2 31	29°19'10	9♏47	23° 3	19°28	12° 8	29°38	27°28	7°49	13°32	15°21	20°57	20°33	23° 9	19°24	F 22
S 23	22 6 27	0♍16'55	21°59	23°15	19° 9	12°46	29°50	27°27	7°50	13°31	15°23	20°57	20°30	23°16	19°32	S 23
S 24	22 10 24	1°14'41	4♐ 0	23°22	18°48	13°24	0♎ 2	27°26	7°51	13°30	15°24	20°D57	20°26	23°23	19°40	S 24
M25	22 14 21	2°12'29	15°54	23°R23	18°24	14° 2	0°14	27°25	7°52	13°29	15°26	20°57	20°23	23°29	19°48	M25
T 26	22 18 17	3°10'17	27°46	23°19	17°59	14°40	0°26	27°25	7°53	13°28	15°28	20°58	20°20	23°36	19°57	T 26
W27	22 22 14	4° 8'07	9♑40	23°10	17°31	15°18	0°38	27°24	7°54	13°27	15°30	20°59	20°17	23°43	20° 5	W27
T 28	22 26 10	5° 5'58	21°41	22°54	17° 2	15°57	0°50	27°24	7°54	13°26	15°31	21° 0	20°14	23°49	20°14	T 28
F 29	22 30 7	6° 3'50	3♒52	22°32	16°31	16°35	1° 2	27°23	7°55	13°24	15°33	21° 1	20°11	23°56	20°22	F 29
S 30	22 34 3	7° 1'43	16°17	22° 5	15°58	17°13	1°15	27°23	7°56	13°23	15°35	21°R 2	20° 7	24° 3	20°30	S 30
S 31	22 38 0	7♍59'38	28♒56	21♍31	15♍24	17♍51	1♎27	27♐23	7♊57	13♈22	15♌36	21♒ 2	20♒ 4	24♐10	20♍39	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17n56	23s15	2s16	9n54	0n 4	2n23	2s47	12n55	1n 7	2n46	1n 8	22s20	1n 4	21n22	0s 8	4n 3	1s31	22n30	6n24	14s29	14s16	27s35	1n26	4s 9
S 2	17 41	19 29	1 13	9 16	0s 6	2 2	2 59	12 41	1 7	2 42	1 8	22 20	1 4	21 22	0 8	4 3	1 31	22 30	6 24	14 30	14 17	27 35	1 24	4 9
S 3	17 26	14 50	0 5	8 39	0 15	1 43	3 10	12 28	1 7	2 38	1 8	22 20	1 4	21 23	0 8	4 3	1 31	22 29	6 24	14 30	14 18	27 35	1 22	4 8
M 4	17 10	9 29	1n 5	8 1	0 25	1 24	3 21	12 14	1 7	2 33	1 8	22 20	1 4	21 23	0 8	4 2	1 31	22 29	6 24	14 30	14 19	27 35	1 19	4 8
T 5	16 54	3 40	2 12	7 25	0 35	1 5	3 33	12 0	1 6	2 29	1 8	22 20	1 4	21 23	0 8	4 2	1 31	22 28	6 24	14 29	14 20	27 35	1 17	4 7
W 6	16 37	2n23	3 14	6 48	0 46	0 47	3 45	11 47	1 6	2 24	1 8	22 21	1 3	21 24	0 8	4 2	1 31	22 28	6 24	14 29	14 21	27 35	1 14	4 7
T 7	16 21	8 27	4 6	6 12	0 56	0 29	3 56	11 33	1 6	2 20	1 8	22 21	1 3	21 24	0 8	4 2	1 31	22 28	6 24	14 29	14 22	27 35	1 11	4 6
F 8	16 4	14 14	4 46	5 37	1 7	0 13	4 9	11 19	1 5	2 15	1 8	22 21	1 3	21 24	0 8	4 1	1 31	22 27	6 24	14 29	14 23	27 35	1 9	4 6
S 9	15 47	19 25	5 10	5 3	1 18	0s 4	4 21	11 5	1 5	2 11	1 8	22 21	1 3	21 25	0 8	4 1	1 31	22 27	6 24	14 29	14 24	27 35	1 6	4 5
S 10	15 29	23 39	5 17	4 29	1 29	0 19	4 33	10 51	1 5	2 6	1 7	22 21	1 3	21 25	0 8	4 1	1 31	22 26	6 24	14 29	14 26	27 35	1 4	4 5
M11	15 11	26 31	5 4	3 57	1 40	0 34	4 45	10 37	1 5	2 2	1 7	22 21	1 3	21 25	0 8	4 0	1 31	22 26	6 24	14 29	14 27	27 35	1 1	4 5
T 12	14 53	27 42	4 32	3 25	1 51	0 48	4 58	10 22	1 4	1 57	1 7	22 21	1 2	21 25	0 8	4 0	1 31	22 25	6 24	14 29	14 28	27 35	0 58	4 4
W13	14 35	26 58	3 43	2 54	2 2	1 1	5 10	10 8	1 4	1 53	1 7	22 21	1 2	21 26	0 8	4 0	1 31	22 25	6 25	14 29	14 29	27 35	0 56	4 4
T 14	14 17	24 23	2 39	2 24	2 14	1 13	5 23	9 54	1 4	1 48	1 7	22 22	1 2	21 26	0 8	3 59	1 31	22 24	6 25	14 29	14 30	27 35	0 53	4 3
F 15	13 58	20 14	1 25	1 56	2 25	1 25	5 35	9 39	1 3	1 43	1 7	22 22	1 2	21 26	0 8	3 59	1 31	22 24	6 25	14 29	14 31	27 35	0 50	4 3
S 16	13 39	14 54	0 6	1 29	2 36	1 35	5 48	9 25	1 3	1 39	1 7	22 22	1 2	21 26	0 8	3 58	1 31	22 23	6 25	14 29	14 32	27 35	0 47	4 3
S 17	13 20	8 52	1s12	1 4	2 47	1 45	6 0	9 10	1 3	1 34	1 7	22 22	1 2	21 27	0 8	3 58	1 31	22 23	6 25	14 29	14 33	27 35	0 45	4 2
M18	13 1	2 33	2 24	0 40	2 58	1 53	6 12	8 56	1 3	1 29	1 7	22 22	1 1	21 27	0 8	3 58	1 31	22 23	6 25	14 29	14 34	27 35	0 42	4 2
T 19	12 42	3s43	3 26	0 18	3 9	2 1	6 24	8 41	1 2	1 24	1 7	22 22	1 1	21 27	0 8	3 57	1 32	22 22	6 25	14 29	14 35	27 35	0 39	4 1
W20	12 22	9 39	4 15	0s 2	3 19	2 7	6 36	8 27	1 2	1 20	1 7	22 22	1 1	21 27	0 8	3 57	1 32	22 22	6 25	14 29	14 36	27 34	0 36	4 1
T 21	12 2	15 1	4 50	0 20	3 29	2 12	6 48	8 12	1 2	1 15	1 7	22 23	1 1	21 27	0 8	3 56	1 32	22 21	6 25	14 30	14 37	27 34	0 33	4 1
F 22	11 42	19 38	5 11	0 36	3 39	2 16	6 59	7 57	1 1	1 10	1 7	22 23	1 1	21 28	0 8	3 56	1 32	22 21	6 25	14 30	14 38	27 34	0 31	4 0
S 23	11 22	23 20	5 17	0 49	3 48	2 19	7 10	7 42	1 1	1 5	1 6	22 23	1 1	21 28	0 8	3 55	1 32	22 20	6 26	14 30	14 39	27 34	0 28	4 0
S 24	11 1	25 58	5 8	1 0	3 57	2 20	7 21	7 27	1 1	1 0	1 6	22 23	1 0	21 28	0 8	3 55	1 32	22 20	6 26	14 30	14 40	27 34	0 25	4 0
M25	10 41	27 26	4 47	1 8	4 5	2 20	7 31	7 12	1 0	0 55	1 6	22 23	1 0	21 28	0 8	3 54	1 32	22 20	6 26	14 30	14 41	27 34	0 22	3 59
T 26	10 20	27 38	4 14	1 13	4 12	2 20	7 41	6 57	1 0	0 51	1 6	22 23	1 0	21 28	0 8	3 54	1 32	22 19	6 26	14 30	14 42	27 34	0 19	3 59
W27	9 59	26 33	3 29	1 15	4 19	2 17	7 50	6 42	1 0	0 46	1 6	22 24	1 0	21 28	0 8	3 53	1 32	22 19	6 26	14 29	14 43	27 34	0 16	3 58
T 28	9 38	24 13	2 35	1 14	4 24	2 14	7 58	6 27	0 59	0 41	1 6	22 24	1 0	21 28	0 8	3 53	1 32	22 18	6 26	14 29	14 44	27 33	0 13	3 58
F 29	9 17	20 47	1 33	1 9	4 28	2 9	8 6	6 12	0 59	0 36	1 6	22 24	1 0	21 29	0 8	3 52	1 32	22 18	6 26	14 29	14 45	27 33	0 10	3 58
S 30	8 55	16 22	0 26	1 1	4 31	2 3	8 13	5 57	0 59	0 31	1 6	22 24	0 59	21 29	0 8	3 52	1 32	22 18	6 26	14 28	14 46	27 33	0 7	3 57
S 31	8n34	11s 9	0n43	0s49	4s33	1s56	8s19	5n42	0n59	0n26	1n 6	22s24	0n59	21n29	0s 8	3n51	1s32	22n17	6n27	14s28	14s47	27s33	0n 4	3s57

Julian Day Number = 2522614.5, Delta T = 157.79 sec
Ecliptic obliquity = 23°24'57, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°27'34, Lahiri = 26°34'35

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2194
geocentric

SEPTEMBER 2194 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 41 56	8♍57'35	11♓51	20°R52	14°R49	18♍29	1♎40	27°D23	7♊57	13°R20	15♌38	21°R 1	20♒ 1	24♐16	20♍47	M 1
T 2	22 45 53	9°55'33	25° 2	20♍ 8	14♍13	19° 8	1°52	27♐23	7°58	13♈19	15°40	20♒59	19°58	24°23	20°56	T 2
W 3	22 49 50	10°53'32	8♈29	19°20	13°37	19°46	2° 4	27°23	7°58	13°18	15°41	20°56	19°55	24°30	21° 4	W 3
T 4	22 53 46	11°51'34	22° 8	18°28	13° 0	20°24	2°17	27°24	7°59	13°16	15°43	20°53	19°51	24°36	21°13	T 4
F 5	22 57 43	12°49'37	5♉59	17°33	12°22	21° 3	2°29	27°24	7°59	13°15	15°45	20°51	19°48	24°43	21°21	F 5
S 6	23 1 39	13°47'42	19°59	16°35	11°45	21°41	2°42	27°24	8° 0	13°14	15°46	20°48	19°45	24°50	21°30	S 6
S 7	23 5 36	14°45'49	4♊ 6	15°37	11° 8	22°19	2°55	27°25	8° 0	13°12	15°48	20°47	19°42	24°56	21°38	S 7
M 8	23 9 32	15°43'58	18°17	14°40	10°32	22°58	3° 7	27°26	8° 0	13°11	15°49	20°D47	19°39	25° 3	21°47	M 8
T 9	23 13 29	16°42'10	2♋30	13°44	9°56	23°36	3°20	27°26	8° 0	13° 9	15°51	20°47	19°36	25°10	21°55	T 9
W10	23 17 25	17°40'23	16°42	12°51	9°21	24°14	3°32	27°27	8° 1	13° 8	15°52	20°49	19°32	25°17	22° 4	W10
T 11	23 21 22	18°38'38	0♌53	12° 3	8°48	24°53	3°45	27°28	8° 1	13° 7	15°54	20°50	19°29	25°23	22°13	T 11
F 12	23 25 19	19°36'55	14°59	11°20	8°16	25°31	3°58	27°29	8° 1	13° 5	15°56	20°R51	19°26	25°30	22°21	F 12
S 13	23 29 15	20°35'15	28°57	10°43	7°45	26°10	4°11	27°30	8°R 1	13° 4	15°57	20°51	19°23	25°37	22°30	S 13
S 14	23 33 12	21°33'35	12♍44	10°14	7°17	26°48	4°23	27°32	8° 1	13° 2	15°59	20°49	19°20	25°43	22°38	S 14
M15	23 37 8	22°31'58	26°17	9°53	6°50	27°27	4°36	27°33	8° 1	13° 0	16° 0	20°46	19°16	25°50	22°47	M15
T 16	23 41 5	23°30'23	9♎35	9°40	6°25	28° 6	4°49	27°34	8° 0	12°59	16° 2	20°41	19°13	25°57	22°56	T 16
W17	23 45 1	24°28'49	22°35	9°D37	6° 2	28°44	5° 2	27°36	8° 0	12°57	16° 3	20°36	19°10	26° 3	23° 4	W17
T 18	23 48 58	25°27'17	5♏17	9°43	5°41	29°23	5°15	27°38	8° 0	12°56	16° 5	20°30	19° 7	26°10	23°13	T 18
F 19	23 52 54	26°25'47	17°43	9°58	5°23	0♎ 1	5°28	27°39	8° 0	12°54	16° 6	20°25	19° 4	26°17	23°21	F 19
S 20	23 56 51	27°24'19	29°54	10°23	5° 7	0°40	5°41	27°41	7°59	12°53	16° 7	20°20	19° 1	26°23	23°30	S 20
S 21	0 0 48	28°22'52	11♐55	10°57	4°53	1°19	5°53	27°43	7°59	12°51	16° 9	20°17	18°57	26°30	23°39	S 21
M22	0 4 44	29°21'27	23°48	11°40	4°42	1°57	6° 6	27°45	7°59	12°49	16°10	20°15	18°54	26°37	23°47	M22
T 23	0 8 41	0♎20'03	5♑39	12°30	4°33	2°36	6°19	27°47	7°58	12°48	16°12	20°D15	18°51	26°44	23°56	T 23
W24	0 12 37	1°18'41	17°33	13°29	4°27	3°15	6°32	27°49	7°58	12°46	16°13	20°16	18°48	26°50	24° 4	W24
T 25	0 16 34	2°17'21	29°35	14°35	4°23	3°54	6°45	27°52	7°57	12°45	16°14	20°18	18°45	26°57	24°13	T 25
F 26	0 20 30	3°16'03	11♒49	15°47	4°D21	4°33	6°58	27°54	7°56	12°43	16°16	20°19	18°42	27° 4	24°22	F 26
S 27	0 24 27	4°14'46	24°20	17° 5	4°22	5°11	7°11	27°56	7°56	12°41	16°17	20°R19	18°38	27°10	24°30	S 27
S 28	0 28 23	5°13'31	7♓11	18°29	4°25	5°50	7°24	27°59	7°55	12°40	16°18	20°18	18°35	27°17	24°39	S 28
M29	0 32 20	6°12'18	20°23	19°57	4°30	6°29	7°37	28° 2	7°54	12°38	16°19	20°15	18°32	27°24	24°47	M29
T 30	0 36 17	7♎11'07	3♈56	21♍29	4♍38	7♎ 8	7♎50	28♐ 4	7♊53	12♈36	16♌21	20♒ 9	18♒29	27♐30	24♍56	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
M 1	8n12	5s23	1n52	0s34	4s33	1s48	8s25	5n26	0n58	0n21	1n 6	22s24	0n59	21n29	0s 8	3n51	1s32	22n17	6n27	14s29	14s48	27s33	0n 1	3s57
T 2	7 50	0n44	2 57	0 15	4 31	1 38	8 29	5 11	0 58	0 16	1 6	22 25	0 59	21 29	0 8	3 50	1 32	22 16	6 27	14 29	14 49	27 32	0s 2	3 57
W 3	7 28	6 55	3 52	0n 7	4 27	1 28	8 33	4 56	0 58	0 11	1 6	22 25	0 59	21 29	0 8	3 50	1 32	22 16	6 27	14 30	14 50	27 32	0 5	3 56
T 4	7 6	12 52	4 36	0 33	4 22	1 17	8 36	4 41	0 57	0 6	1 6	22 25	0 59	21 29	0 8	3 49	1 32	22 16	6 27	14 31	14 51	27 32	0 8	3 56
F 5	6 44	18 17	5 4	1 1	4 14	1 4	8 38	4 25	0 57	0 1	1 6	22 25	0 58	21 29	0 8	3 49	1 32	22 15	6 27	14 32	14 52	27 32	0 11	3 56
S 6	6 22	22 46	5 14	1 32	4 5	0 51	8 39	4 10	0 57	0s 4	1 6	22 25	0 58	21 29	0 8	3 48	1 32	22 15	6 27	14 33	14 53	27 32	0 14	3 55
S 7	6 0	25 57	5 6	2 4	3 54	0 38	8 39	3 54	0 56	0 9	1 6	22 25	0 58	21 29	0 8	3 48	1 32	22 15	6 28	14 33	14 54	27 31	0 17	3 55
M 8	5 37	27 32	4 39	2 38	3 41	0 23	8 38	3 39	0 56	0 14	1 6	22 26	0 58	21 29	0 8	3 47	1 32	22 14	6 28	14 33	14 55	27 31	0 20	3 55
T 9	5 15	27 18	3 55	3 13	3 26	0 8	8 36	3 23	0 56	0 19	1 6	22 26	0 58	21 29	0 8	3 46	1 32	22 14	6 28	14 33	14 56	27 31	0 24	3 55
W10	4 52	25 17	2 56	3 48	3 10	0n 7	8 33	3 8	0 55	0 24	1 6	22 26	0 58	21 29	0 8	3 46	1 32	22 14	6 28	14 33	14 57	27 31	0 27	3 54
T 11	4 29	21 41	1 47	4 23	2 52	0 22	8 30	2 52	0 55	0 29	1 6	22 26	0 57	21 29	0 8	3 45	1 32	22 13	6 28	14 32	14 58	27 30	0 30	3 54
F 12	4 6	16 50	0 32	4 56	2 34	0 38	8 25	2 37	0 54	0 34	1 5	22 26	0 57	21 29	0 8	3 45	1 32	22 13	6 28	14 32	14 59	27 30	0 33	3 54
S 13	3 44	11 8	0s44	5 27	2 15	0 54	8 20	2 21	0 54	0 39	1 5	22 27	0 57	21 29	0 8	3 44	1 32	22 13	6 29	14 32	15 0	27 30	0 36	3 54
S 14	3 21	4 59	1 57	5 57	1 56	1 10	8 14	2 5	0 54	0 45	1 5	22 27	0 57	21 29	0 8	3 43	1 32	22 12	6 29	14 32	15 1	27 29	0 39	3 53
M15	2 58	1s18	3 2	6 23	1 36	1 26	8 8	1 50	0 53	0 50	1 5	22 27	0 57	21 29	0 8	3 43	1 32	22 12	6 29	14 33	15 2	27 29	0 42	3 53
T 16	2 35	7 23	3 55	6 45	1 16	1 42	8 0	1 34	0 53	0 55	1 5	22 27	0 57	21 29	0 8	3 42	1 32	22 12	6 29	14 35	15 3	27 29	0 46	3 53
W17	2 11	13 1	4 35	7 4	0 57	1 58	7 52	1 19	0 53	1 0	1 5	22 27	0 56	21 29	0 8	3 41	1 33	22 12	6 29	14 37	15 4	27 28	0 49	3 53
T 18	1 48	17 59	5 0	7 19	0 39	2 13	7 44	1 3	0 52	1 5	1 5	22 27	0 56	21 29	0 8	3 41	1 33	22 11	6 29	14 39	15 5	27 28	0 52	3 52
F 19	1 25	22 4	5 10	7 30	0 21	2 28	7 35	0 47	0 52	1 10	1 5	22 28	0 56	21 29	0 8	3 40	1 33	22 11	6 30	14 40	15 6	27 28	0 55	3 52
S 20	1 2	25 6	5 6	7 37	0 4	2 42	7 26	0 31	0 52	1 15	1 5	22 28	0 56	21 29	0 8	3 40	1 33	22 11	6 30	14 42	15 7	27 27	0 58	3 52
S 21	0 39	26 58	4 49	7 39	0n12	2 56	7 16	0 16	0 51	1 20	1 5	22 28	0 56	21 29	0 8	3 39	1 33	22 10	6 30	14 43	15 8	27 27	1 2	3 52
M22	0 15	27 35	4 19	7 36	0 27	3 10	7 6	0 0	0 51	1 25	1 5	22 28	0 56	21 29	0 8	3 38	1 33	22 10	6 30	14 43	15 9	27 27	1 5	3 52
T 23	0s 8	26 56	3 39	7 30	0 41	3 23	6 55	0s16	0 51	1 30	1 5	22 28	0 55	21 29	0 8	3 38	1 33	22 10	6 30	14 43	15 10	27 26	1 8	3 51
W24	0 31	25 3	2 48	7 19	0 54	3 35	6 44	0 31	0 50	1 36	1 5	22 29	0 55	21 29	0 8	3 37	1 33	22 10	6 31	14 43	15 11	27 26	1 11	3 51
T 25	0 55	22 1	1 50	7 4	1 5	3 47	6 33	0 47	0 50	1 41	1 5	22 29	0 55	21 29	0 8	3 36	1 33	22 10	6 31	14 42	15 12	27 26	1 14	3 51
F 26	1 18	17 58	0 46	6 45	1 15	3 58	6 22	1 3	0 49	1 46	1 5	22 29	0 55	21 29	0 8	3 36	1 33	22 9	6 31	14 42	15 12	27 25	1 18	3 51
S 27	1 41	13 3	0n22	6 23	1 24	4 8	6 11	1 19	0 49	1 51	1 5	22 29	0 55	21 29	0 8	3 35	1 33	22 9	6 31	14 42	15 13	27 25	1 21	3 51
S 28	2 4	7 29	1 30	5 57	1 32	4 18	5 59	1 34	0 49	1 56	1 5	22 29	0 55	21 29	0 8	3 34	1 33	22 9	6 31	14 42	15 14	27 24	1 24	3 51
M29	2 28	1 26	2 35	5 29	1 38	4 27	5 48	1 50	0 48	2 1	1 5	22 30	0 54	21 28	0 8	3 34	1 33	22 9	6 32	14 43	15 15	27 24	1 27	3 50
T 30	2s51	4n49	3n33	4n57	1n43	4n35	5s36	2s 6	0n48	2s 6	1n 5	22s30	0n54	21n28	0s 8	3n33	1s33	22n 9	6n32	14s45	15s16	27s24	1s31	3s50

Julian Day Number = 2522645.5, Delta T = 157.87 sec
Ecliptic obliquity = 23°24'58, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°27'38, Lahiri = 26°34'39

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2194
geocentric

OCTOBER 2194 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 40 13	8♎ 9'57	17♈49	23♍ 4	4♍47	7♎47	8♎ 3	28♐ 7	7°R52	12°R35	16♌22	20°R 2	18♒26	27♐37	25♍ 4	W 1
T 2	0 44 10	9° 8'50	1♉57	24°43	4°59	8°26	8°16	28°10	7♊51	12♈33	16°23	19♒54	18°22	27°44	25°13	T 2
F 3	0 48 6	10° 7'45	16°15	26°23	5°14	9° 5	8°29	28°13	7°50	12°31	16°24	19°46	18°19	27°50	25°21	F 3
S 4	0 52 3	11° 6'42	0♊38	28° 6	5°30	9°44	8°42	28°16	7°49	12°30	16°25	19°39	18°16	27°57	25°30	S 4
S 5	0 55 59	12° 5'42	15° 1	29°50	5°48	10°23	8°55	28°19	7°48	12°28	16°26	19°34	18°13	28° 4	25°38	S 5
M 6	0 59 56	13° 4'44	29°19	1♎35	6° 8	11° 2	9° 8	28°23	7°47	12°26	16°28	19°31	18°10	28°11	25°46	M 6
T 7	1 3 52	14° 3'48	13♋29	3°21	6°30	11°41	9°21	28°26	7°46	12°25	16°29	19°D31	18° 7	28°17	25°55	T 7
W 8	1 7 49	15° 2'54	27°31	5° 7	6°54	12°20	9°34	28°29	7°45	12°23	16°30	19°31	18° 3	28°24	26° 3	W 8
T 9	1 11 46	16° 2'03	11♌23	6°54	7°19	12°59	9°47	28°33	7°44	12°21	16°31	19°32	18° 0	28°31	26°11	T 9
F 10	1 15 42	17° 1'14	25° 5	8°40	7°46	13°38	9°59	28°36	7°42	12°20	16°32	19°R32	17°57	28°37	26°20	F 10
S 11	1 19 39	18° 0'27	8♍38	10°27	8°15	14°18	10°12	28°40	7°41	12°18	16°33	19°30	17°54	28°44	26°28	S 11
S 12	1 23 35	18°59'43	22° 0	12°14	8°45	14°57	10°25	28°44	7°40	12°16	16°34	19°26	17°51	28°51	26°36	S 12
M13	1 27 32	19°59'00	5♎11	14° 0	9°17	15°36	10°38	28°48	7°38	12°15	16°35	19°19	17°48	28°57	26°45	M13
T 14	1 31 28	20°58'20	18°10	15°46	9°50	16°15	10°51	28°52	7°37	12°13	16°36	19°10	17°44	29° 4	26°53	T 14
W15	1 35 25	21°57'42	0♏56	17°31	10°25	16°55	11° 4	28°56	7°35	12°11	16°37	18°59	17°41	29°11	27° 1	W15
T 16	1 39 21	22°57'06	13°28	19°16	11° 1	17°34	11°17	29° 0	7°34	12°10	16°38	18°47	17°38	29°17	27° 9	T 16
F 17	1 43 18	23°56'31	25°48	21° 0	11°38	18°14	11°30	29° 4	7°32	12° 8	16°38	18°35	17°35	29°24	27°17	F 17
S 18	1 47 14	24°55'59	7♐55	22°43	12°17	18°53	11°43	29° 8	7°30	12° 6	16°39	18°25	17°32	29°31	27°25	S 18
S 19	1 51 11	25°55'29	19°53	24°26	12°57	19°32	11°55	29°12	7°29	12° 5	16°40	18°17	17°28	29°38	27°33	S 19
M20	1 55 8	26°55'00	1♑44	26° 9	13°37	20°12	12° 8	29°17	7°27	12° 3	16°41	18°11	17°25	29°44	27°41	M20
T 21	1 59 4	27°54'33	13°33	27°50	14°19	20°51	12°21	29°21	7°25	12° 2	16°42	18° 8	17°22	29°51	27°49	T 21
W22	2 3 1	28°54'08	25°24	29°31	15° 3	21°31	12°34	29°26	7°23	12° 0	16°42	18°D 7	17°19	29°58	27°57	W22
T 23	2 6 57	29°53'45	7♒24	1♏12	15°47	22°10	12°46	29°30	7°22	11°58	16°43	18° 7	17°16	0♑ 4	28° 5	T 23
F 24	2 10 54	0♏53'23	19°36	2°52	16°32	22°50	12°59	29°35	7°20	11°57	16°44	18°R 8	17°13	0°11	28°13	F 24
S 25	2 14 50	1°53'03	2♓ 7	4°31	17°18	23°30	13°12	29°40	7°18	11°55	16°44	18° 7	17° 9	0°18	28°21	S 25
S 26	2 18 47	2°52'45	15° 2	6° 9	18° 5	24° 9	13°24	29°45	7°16	11°54	16°45	18° 4	17° 6	0°24	28°28	S 26
M27	2 22 43	3°52'28	28°22	7°47	18°53	24°49	13°37	29°50	7°14	11°52	16°46	17°59	17° 3	0°31	28°36	M27
T 28	2 26 40	4°52'13	12♈ 9	9°25	19°41	25°29	13°49	29°55	7°12	11°51	16°46	17°51	17° 0	0°38	28°44	T 28
W29	2 30 37	5°52'01	26°21	11° 2	20°31	26° 8	14° 2	29°59	7°10	11°49	16°47	17°41	16°57	0°44	28°51	W29
T 30	2 34 33	6°51'50	10♉53	12°38	21°21	26°48	14°14	0♑ 5	7° 8	11°48	16°47	17°29	16°53	0°51	28°59	T 30
F 31	2 38 30	7♏51'41	25♉39	14♏14	22♍13	27♎28	14♎27	0♑10	7♊ 6	11♈46	16♌48	17♒17	16♒50	0♑58	29♍ 6	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	3s14	10n59	4n20	4n23	1n47	4n42	5s25	2s21	0n47	2s11	1n 5	22s30	0n54	21n28	0s 8	3n32	1s33	22n 8	6n32	14s47	15s17	27s23	1s34	3s50
T 2	3 37	16 42	4 52	3 47	1 50	4 49	5 13	2 37	0 47	2 16	1 5	22 30	0 54	21 28	0 8	3 32	1 33	22 8	6 32	14 50	15 18	27 23	1 37	3 50
F 3	4 0	21 34	5 6	3 9	1 53	4 54	5 2	2 53	0 47	2 22	1 5	22 30	0 54	21 28	0 8	3 31	1 33	22 8	6 32	14 52	15 19	27 22	1 40	3 50
S 4	4 24	25 10	5 1	2 30	1 54	4 59	4 50	3 8	0 46	2 27	1 5	22 31	0 54	21 28	0 8	3 30	1 33	22 8	6 33	14 54	15 20	27 22	1 43	3 50
S 5	4 47	27 10	4 37	1 49	1 54	5 3	4 38	3 24	0 46	2 32	1 5	22 31	0 53	21 28	0 8	3 30	1 33	22 8	6 33	14 56	15 21	27 21	1 47	3 50
M 6	5 10	27 21	3 56	1 7	1 54	5 7	4 27	3 40	0 46	2 37	1 5	22 31	0 53	21 27	0 8	3 29	1 33	22 8	6 33	14 57	15 22	27 21	1 50	3 49
T 7	5 32	25 44	3 1	0 24	1 52	5 9	4 16	3 55	0 45	2 42	1 5	22 31	0 53	21 27	0 8	3 29	1 33	22 7	6 33	14 57	15 23	27 20	1 53	3 49
W 8	5 55	22 31	1 55	0s20	1 51	5 11	4 4	4 11	0 45	2 47	1 5	22 31	0 53	21 27	0 8	3 28	1 33	22 7	6 33	14 57	15 24	27 20	1 56	3 49
T 9	6 18	18 3	0 44	1 5	1 48	5 12	3 53	4 27	0 44	2 52	1 5	22 32	0 53	21 27	0 8	3 27	1 33	22 7	6 34	14 57	15 25	27 19	2 0	3 49
F 10	6 41	12 41	0s30	1 49	1 45	5 12	3 42	4 42	0 44	2 57	1 5	22 32	0 53	21 27	0 8	3 27	1 33	22 7	6 34	14 57	15 26	27 19	2 3	3 49
S 11	7 3	6 47	1 40	2 34	1 42	5 12	3 31	4 58	0 43	3 2	1 6	22 32	0 53	21 26	0 8	3 26	1 33	22 7	6 34	14 57	15 27	27 18	2 6	3 49
S 12	7 26	0 39	2 44	3 19	1 38	5 11	3 21	5 13	0 43	3 7	1 6	22 32	0 52	21 26	0 8	3 25	1 33	22 7	6 34	14 59	15 28	27 18	2 9	3 49
M13	7 48	5s24	3 38	4 5	1 34	5 9	3 10	5 29	0 43	3 12	1 6	22 32	0 52	21 26	0 8	3 25	1 33	22 7	6 35	15 1	15 29	27 17	2 12	3 49
T 14	8 11	11 7	4 20	4 50	1 29	5 6	3 0	5 44	0 42	3 17	1 6	22 33	0 52	21 26	0 8	3 24	1 33	22 7	6 35	15 4	15 30	27 17	2 16	3 49
W15	8 33	16 17	4 48	5 34	1 24	5 2	2 49	6 0	0 42	3 22	1 6	22 33	0 52	21 25	0 8	3 23	1 33	22 7	6 35	15 7	15 31	27 16	2 19	3 49
T 16	8 55	20 39	5 1	6 19	1 19	4 58	2 39	6 15	0 41	3 27	1 6	22 33	0 52	21 25	0 8	3 23	1 33	22 7	6 35	15 11	15 32	27 16	2 22	3 49
F 17	9 17	24 3	5 0	7 3	1 13	4 53	2 29	6 31	0 41	3 32	1 6	22 33	0 52	21 25	0 8	3 22	1 33	22 7	6 36	15 14	15 33	27 15	2 25	3 48
S 18	9 39	26 18	4 46	7 47	1 7	4 48	2 19	6 46	0 41	3 37	1 6	22 33	0 52	21 25	0 8	3 21	1 33	22 7	6 36	15 18	15 34	27 15	2 28	3 48
S 19	10 0	27 19	4 18	8 31	1 2	4 42	2 10	7 1	0 40	3 42	1 6	22 33	0 51	21 24	0 8	3 21	1 33	22 7	6 36	15 20	15 35	27 14	2 31	3 48
M20	10 22	27 5	3 40	9 13	0 55	4 35	2 0	7 16	0 40	3 47	1 6	22 34	0 51	21 24	0 8	3 20	1 33	22 7	6 36	15 22	15 36	27 13	2 34	3 48
T 21	10 43	25 36	2 53	9 56	0 49	4 28	1 51	7 32	0 39	3 52	1 6	22 34	0 51	21 24	0 8	3 20	1 33	22 7	6 37	15 23	15 37	27 13	2 38	3 48
W22	11 4	22 58	1 58	10 38	0 43	4 19	1 42	7 47	0 39	3 57	1 6	22 34	0 51	21 24	0 8	3 19	1 33	22 7	6 37	15 23	15 38	27 12	2 41	3 48
T 23	11 25	19 19	0 57	11 19	0 36	4 11	1 33	8 2	0 38	4 2	1 6	22 34	0 51	21 23	0 8	3 18	1 33	22 7	6 37	15 23	15 39	27 12	2 44	3 48
F 24	11 46	14 48	0n 8	11 59	0 30	4 1	1 24	8 17	0 38	4 6	1 6	22 34	0 51	21 23	0 8	3 18	1 33	22 7	6 37	15 23	15 40	27 11	2 47	3 48
S 25	12 7	9 34	1 14	12 39	0 23	3 52	1 15	8 32	0 37	4 11	1 6	22 34	0 51	21 23	0 8	3 17	1 33	22 7	6 38	15 23	15 41	27 10	2 50	3 48
S 26	12 28	3 47	2 17	13 18	0 16	3 41	1 7	8 47	0 37	4 16	1 6	22 35	0 50	21 22	0 8	3 17	1 33	22 7	6 38	15 24	15 42	27 10	2 53	3 48
M27	12 48	2n21	3 16	13 57	0 9	3 30	0 58	9 2	0 37	4 21	1 6	22 35	0 50	21 22	0 8	3 16	1 33	22 7	6 38	15 26	15 43	27 9	2 56	3 48
T 28	13 8	8 33	4 5	14 34	0 3	3 19	0 50	9 17	0 36	4 26	1 6	22 35	0 50	21 22	0 8	3 15	1 33	22 7	6 38	15 28	15 44	27 9	2 59	3 48
W29	13 28	14 30	4 40	15 11	0s 4	3 6	0 42	9 32	0 36	4 30	1 6	22 35	0 50	21 21	0 8	3 15	1 33	22 7	6 39	15 31	15 45	27 8	3 2	3 48
T 30	13 48	19 48	4 59	15 47	0 11	2 54	0 34	9 47	0 35	4 35	1 6	22 35	0 50	21 21	0 8	3 14	1 33	22 7	6 39	15 35	15 45	27 7	3 5	3 48
F 31	14s 7	23n58	4n57	16s22	0s18	2n41	0s27	10s 1	0n35	4s40	1n 7	22s35	0n50	21n21	0s 8	3n14	1s33	22n 7	6n39	15s38	15s46	27s 7	3s 8	3s48

Julian Day Number = 2522675.5, Delta T = 157.95 sec
Ecliptic obliquity = 23°24'58, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°27'43, Lahiri = 26°34'43

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2194
geocentric

NOVEMBER 2194 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 42 26	8♏51'34	10♊29	15♏49	23♍ 4	28♎ 8	14♎39	0♑15	7°R 4	11°R45	16♌48	17°R 7	16♒47	1♑ 4	29♍14	S 1
S 2	2 46 23	9°51'29	25°16	17°24	23°57	28°47	14°51	0°20	7♊ 2	11♈43	16°49	16♒59	16°44	1°11	29°21	S 2
M 3	2 50 19	10°51'27	9♋52	18°58	24°50	29°27	15° 4	0°26	6°59	11°42	16°49	16°54	16°41	1°18	29°29	M 3
T 4	2 54 16	11°51'26	24°13	20°32	25°44	0♏ 7	15°16	0°31	6°57	11°41	16°50	16°51	16°38	1°25	29°36	T 4
W 5	2 58 12	12°51'28	8♌16	22° 5	26°39	0°47	15°28	0°36	6°55	11°39	16°50	16°51	16°34	1°31	29°43	W 5
T 6	3 2 9	13°51'32	22° 2	23°38	27°34	1°27	15°40	0°42	6°53	11°38	16°50	16°51	16°31	1°38	29°50	T 6
F 7	3 6 6	14°51'37	5♍32	25°11	28°30	2° 7	15°53	0°48	6°50	11°37	16°51	16°50	16°28	1°45	29°58	F 7
S 8	3 10 2	15°51'45	18°46	26°43	29°27	2°47	16° 5	0°53	6°48	11°35	16°51	16°47	16°25	1°51	0♎ 5	S 8
S 9	3 13 59	16°51'55	1♎48	28°15	0♎24	3°27	16°17	0°59	6°46	11°34	16°51	16°42	16°22	1°58	0°12	S 9
M10	3 17 55	17°52'07	14°38	29°46	1°22	4° 7	16°29	1° 5	6°44	11°33	16°51	16°33	16°19	2° 5	0°19	M10
T 11	3 21 52	18°52'21	27°17	1♐17	2°20	4°47	16°41	1°10	6°41	11°31	16°51	16°22	16°15	2°11	0°25	T 11
W12	3 25 48	19°52'37	9♏46	2°48	3°18	5°28	16°53	1°16	6°39	11°30	16°52	16° 8	16°12	2°18	0°32	W12
T 13	3 29 45	20°52'55	22° 6	4°18	4°17	6° 8	17° 4	1°22	6°36	11°29	16°52	15°54	16° 9	2°25	0°39	T 13
F 14	3 33 41	21°53'14	4♐15	5°48	5°17	6°48	17°16	1°28	6°34	11°28	16°52	15°40	16° 6	2°31	0°46	F 14
S 15	3 37 38	22°53'35	16°16	7°17	6°17	7°28	17°28	1°34	6°32	11°27	16°52	15°27	16° 3	2°38	0°52	S 15
S 16	3 41 35	23°53'58	28°10	8°46	7°18	8° 9	17°40	1°40	6°29	11°26	16°52	15°16	15°59	2°45	0°59	S 16
M17	3 45 31	24°54'22	9♑58	10°15	8°19	8°49	17°51	1°46	6°27	11°24	16°52	15° 8	15°56	2°51	1° 5	M17
T 18	3 49 28	25°54'48	21°45	11°43	9°20	9°29	18° 3	1°52	6°24	11°23	16°R52	15° 4	15°53	2°58	1°12	T 18
W19	3 53 24	26°55'15	3♒35	13°11	10°22	10°10	18°14	1°59	6°22	11°22	16°52	15° 2	15°50	3° 5	1°18	W19
T 20	3 57 21	27°55'43	15°31	14°38	11°24	10°50	18°26	2° 5	6°19	11°21	16°52	15°D 1	15°47	3°11	1°24	T 20
F 21	4 1 17	28°56'13	27°40	16° 4	12°26	11°31	18°37	2°11	6°17	11°20	16°52	15°R 1	15°44	3°18	1°30	F 21
S 22	4 5 14	29°56'44	10♓ 7	17°30	13°29	12°11	18°48	2°17	6°14	11°19	16°52	15° 1	15°40	3°25	1°37	S 22
S 23	4 9 10	0♐57'16	22°57	18°56	14°32	12°52	18°59	2°24	6°12	11°18	16°52	14°59	15°37	3°31	1°43	S 23
M24	4 13 7	1°57'49	6♈14	20°20	15°36	13°32	19°10	2°30	6° 9	11°17	16°52	14°54	15°34	3°38	1°49	M24
T 25	4 17 4	2°58'24	20° 2	21°44	16°40	14°13	19°21	2°37	6° 7	11°16	16°51	14°48	15°31	3°45	1°54	T 25
W26	4 21 0	3°58'59	4♉18	23° 7	17°44	14°53	19°32	2°43	6° 4	11°16	16°51	14°38	15°28	3°52	2° 0	W26
T 27	4 24 57	4°59'36	19° 1	24°28	18°48	15°34	19°43	2°50	6° 2	11°15	16°51	14°28	15°25	3°58	2° 6	T 27
F 28	4 28 53	6° 0'15	4♊ 3	25°49	19°53	16°15	19°54	2°56	5°59	11°14	16°51	14°17	15°21	4° 5	2°11	F 28
S 29	4 32 50	7° 0'55	19°14	27° 8	20°58	16°55	20° 5	3° 3	5°57	11°13	16°50	14° 7	15°18	4°12	2°17	S 29
S 30	4 36 46	8♐ 1'36	4♋23	28♐25	22♎ 4	17♏36	20♎15	3♑ 9	5♊54	11♈12	16♌50	14♒ 0	15♒15	4♑18	2♎22	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s26	26n33	4n36	16s57	0s24	2n27	0s19	10s16	0n34	4s45	1n 7	22s35	0n50	21n20	0s 8	3n13	1s33	22n 7	6n39	15s41	15s47	27s 6	3s11	3s48
S 2	14 45	27 16	3 57	17 30	0 31	2 13	0 12	10 30	0 34	4 49	1 7	22 35	0 49	21 20	0 8	3 13	1 33	22 7	6 40	15 44	15 48	27 5	3 14	3 48
M 3	15 4	26 4	3 2	18 3	0 38	1 58	0 5	10 45	0 33	4 54	1 7	22 36	0 49	21 20	0 8	3 12	1 33	22 7	6 40	15 45	15 49	27 5	3 17	3 48
T 4	15 23	23 10	1 57	18 35	0 44	1 43	0n 2	10 59	0 33	4 59	1 7	22 36	0 49	21 19	0 8	3 12	1 33	22 7	6 40	15 46	15 50	27 4	3 20	3 48
W 5	15 41	18 54	0 45	19 5	0 51	1 28	0 9	11 14	0 32	5 3	1 7	22 36	0 49	21 19	0 8	3 11	1 32	22 8	6 40	15 46	15 51	27 3	3 23	3 48
T 6	15 59	13 43	0s27	19 35	0 57	1 12	0 15	11 28	0 32	5 8	1 7	22 36	0 49	21 19	0 8	3 11	1 32	22 8	6 41	15 46	15 52	27 3	3 26	3 48
F 7	16 17	7 58	1 37	20 4	1 3	0 56	0 22	11 42	0 31	5 13	1 7	22 36	0 49	21 18	0 8	3 10	1 32	22 8	6 41	15 47	15 53	27 2	3 29	3 48
S 8	16 34	1 59	2 40	20 32	1 10	0 39	0 28	11 57	0 31	5 17	1 7	22 36	0 49	21 18	0 8	3 10	1 32	22 8	6 41	15 47	15 54	27 1	3 31	3 48
S 9	16 51	3s59	3 33	20 59	1 16	0 22	0 34	12 11	0 30	5 22	1 7	22 36	0 49	21 17	0 8	3 9	1 32	22 8	6 41	15 49	15 55	27 0	3 34	3 48
M10	17 8	9 41	4 15	21 25	1 22	0 4	0 40	12 25	0 30	5 26	1 7	22 36	0 48	21 17	0 8	3 9	1 32	22 8	6 42	15 52	15 56	27 0	3 37	3 48
T 11	17 25	14 54	4 43	21 49	1 27	0s14	0 46	12 39	0 29	5 31	1 7	22 36	0 48	21 17	0 8	3 8	1 32	22 9	6 42	15 55	15 57	26 59	3 40	3 49
W12	17 41	19 26	4 58	22 13	1 33	0 32	0 51	12 52	0 29	5 35	1 8	22 36	0 48	21 16	0 8	3 8	1 32	22 9	6 42	15 59	15 58	26 58	3 43	3 49
T 13	17 57	23 4	4 58	22 36	1 38	0 50	0 57	13 6	0 28	5 40	1 8	22 36	0 48	21 16	0 8	3 7	1 32	22 9	6 42	16 3	15 59	26 57	3 45	3 49
F 14	18 13	25 38	4 44	22 57	1 44	1 9	1 2	13 20	0 28	5 44	1 8	22 36	0 48	21 15	0 8	3 7	1 32	22 9	6 43	16 8	16 0	26 57	3 48	3 49
S 15	18 29	26 59	4 18	23 18	1 49	1 28	1 7	13 34	0 27	5 48	1 8	22 36	0 48	21 15	0 8	3 6	1 32	22 9	6 43	16 11	16 1	26 56	3 51	3 49
S 16	18 44	27 5	3 41	23 37	1 54	1 47	1 12	13 47	0 27	5 53	1 8	22 37	0 48	21 15	0 8	3 6	1 32	22 10	6 43	16 14	16 2	26 55	3 53	3 49
M17	18 59	25 56	2 54	23 55	1 58	2 7	1 17	14 0	0 26	5 57	1 8	22 37	0 48	21 14	0 8	3 6	1 32	22 10	6 43	16 17	16 3	26 54	3 56	3 49
T 18	19 13	23 38	2 0	24 12	2 3	2 27	1 21	14 14	0 26	6 1	1 8	22 37	0 48	21 14	0 8	3 5	1 32	22 10	6 44	16 18	16 4	26 53	3 59	3 49
W19	19 27	20 19	1 0	24 27	2 7	2 47	1 26	14 27	0 25	6 5	1 8	22 37	0 47	21 13	0 8	3 5	1 32	22 10	6 44	16 19	16 4	26 53	4 1	3 49
T 20	19 41	16 7	0n 3	24 42	2 11	3 7	1 30	14 40	0 25	6 10	1 8	22 37	0 47	21 13	0 8	3 4	1 32	22 11	6 44	16 19	16 5	26 52	4 4	3 49
F 21	19 54	11 14	1 7	24 55	2 14	3 28	1 34	14 53	0 24	6 14	1 9	22 37	0 47	21 13	0 8	3 4	1 32	22 11	6 44	16 19	16 6	26 51	4 6	3 49
S 22	20 7	5 46	2 9	25 7	2 17	3 49	1 38	15 6	0 24	6 18	1 9	22 37	0 47	21 12	0 8	3 4	1 32	22 11	6 45	16 19	16 7	26 50	4 9	3 49
S 23	20 20	0n 4	3 7	25 17	2 20	4 10	1 42	15 19	0 23	6 22	1 9	22 37	0 47	21 12	0 8	3 3	1 32	22 11	6 45	16 20	16 8	26 49	4 11	3 50
M24	20 32	6 6	3 57	25 26	2 23	4 31	1 46	15 31	0 23	6 26	1 9	22 37	0 47	21 11	0 8	3 3	1 32	22 12	6 45	16 21	16 9	26 48	4 14	3 50
T 25	20 44	12 4	4 35	25 34	2 25	4 52	1 49	15 44	0 22	6 30	1 9	22 37	0 47	21 11	0 8	3 3	1 32	22 12	6 45	16 23	16 10	26 48	4 16	3 50
W26	20 55	17 36	4 57	25 41	2 27	5 13	1 52	15 57	0 22	6 34	1 9	22 37	0 47	21 10	0 8	3 2	1 32	22 12	6 46	16 26	16 11	26 47	4 19	3 50
T 27	21 7	22 17	5 1	25 46	2 28	5 35	1 56	16 9	0 21	6 38	1 9	22 37	0 47	21 10	0 8	3 2	1 32	22 13	6 46	16 29	16 12	26 46	4 21	3 50
F 28	21 17	25 36	4 45	25 49	2 29	5 56	1 59	16 21	0 21	6 42	1 9	22 36	0 47	21 10	0 8	3 2	1 32	22 13	6 46	16 32	16 13	26 45	4 23	3 50
S 29	21 28	27 6	4 8	25 52	2 29	6 18	2 1	16 33	0 20	6 46	1 10	22 36	0 46	21 9	0 8	3 2	1 32	22 13	6 46	16 35	16 14	26 44	4 26	3 50
S 30	21s37	26n34	3n14	25s53	2s28	6s40	2n 4	16s45	0n20	6s50	1n10	22s36	0n46	21n 9	0s 8	3n 1	1s32	22n14	6n47	16s37	16s15	26s43	4s28	3s50

Julian Day Number = 2522706.5, Delta T = 158.03 sec
Ecliptic obliquity = 23°24'57, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°27'47, Lahiri = 26°34'47

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2194
geocentric

DECEMBER 2194 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 40 43	9♐ 2'19	19♋22	29♐41	23♎ 9	18♏17	20♎26	3♑16	5°R52	11°R12	16°R50	13°R55	15♒12	4♑25	2♎28	M 1
T 2	4 44 40	10° 3'03	4♌ 2	0♑54	24°15	18°58	20°37	3°23	5♊49	11♈11	16♌49	13♒53	15° 9	4°32	2°33	T 2
W 3	4 48 36	11° 3'48	18°19	2° 5	25°22	19°39	20°47	3°29	5°47	11°10	16°49	13°D52	15° 5	4°38	2°38	W 3
T 4	4 52 33	12° 4'36	2♍12	3°14	26°28	20°20	20°57	3°36	5°44	11°10	16°48	13°53	15° 2	4°45	2°43	T 4
F 5	4 56 29	13° 5'24	15°42	4°19	27°35	21° 1	21° 7	3°43	5°42	11° 9	16°48	13°R53	14°59	4°52	2°48	F 5
S 6	5 0 26	14° 6'14	28°51	5°20	28°42	21°41	21°17	3°50	5°39	11° 9	16°47	13°52	14°56	4°58	2°53	S 6
S 7	5 4 22	15° 7'05	11♎42	6°18	29°49	22°22	21°28	3°56	5°37	11° 8	16°47	13°49	14°53	5° 5	2°58	S 7
M 8	5 8 19	16° 7'58	24°19	7°11	0♏56	23° 4	21°37	4° 3	5°34	11° 8	16°46	13°43	14°50	5°12	3° 3	M 8
T 9	5 12 15	17° 8'52	6♏43	7°58	2° 4	23°45	21°47	4°10	5°32	11° 7	16°46	13°34	14°46	5°18	3° 7	T 9
W10	5 16 12	18° 9'47	18°58	8°39	3°12	24°26	21°57	4°17	5°29	11° 7	16°45	13°24	14°43	5°25	3°12	W10
T 11	5 20 9	19°10'44	1♐ 4	9°13	4°20	25° 7	22° 7	4°24	5°27	11° 6	16°45	13°13	14°40	5°32	3°16	T 11
F 12	5 24 5	20°11'42	13° 4	9°40	5°28	25°48	22°16	4°31	5°24	11° 6	16°44	13° 2	14°37	5°38	3°20	F 12
S 13	5 28 2	21°12'40	24°58	9°58	6°36	26°29	22°26	4°38	5°22	11° 6	16°43	12°52	14°34	5°45	3°25	S 13
S 14	5 31 58	22°13'39	6♑48	10°R 6	7°45	27°10	22°35	4°45	5°20	11° 5	16°43	12°44	14°31	5°52	3°29	S 14
M15	5 35 55	23°14'40	18°36	10° 5	8°54	27°52	22°44	4°52	5°17	11° 5	16°42	12°39	14°27	5°58	3°33	M15
T 16	5 39 51	24°15'41	0♒24	9°52	10° 3	28°33	22°53	4°59	5°15	11° 5	16°41	12°36	14°24	6° 5	3°37	T 16
W17	5 43 48	25°16'42	12°15	9°28	11°12	29°14	23° 2	5° 6	5°12	11° 5	16°40	12°D35	14°21	6°12	3°40	W17
T 18	5 47 44	26°17'44	24°12	8°52	12°21	29°56	23°11	5°13	5°10	11° 4	16°40	12°35	14°18	6°18	3°44	T 18
F 19	5 51 41	27°18'47	6♓21	8° 5	13°31	0♐37	23°20	5°20	5° 8	11° 4	16°39	12°37	14°15	6°25	3°48	F 19
S 20	5 55 38	28°19'50	18°45	7° 7	14°40	1°19	23°28	5°27	5° 6	11° 4	16°38	12°38	14°11	6°32	3°51	S 20
S 21	5 59 34	29°20'53	1♈30	6° 0	15°50	2° 0	23°37	5°34	5° 3	11° 4	16°37	12°R39	14° 8	6°38	3°54	S 21
M22	6 3 31	0♑21'56	14°39	4°46	17° 0	2°42	23°45	5°41	5° 1	11°D 4	16°36	12°37	14° 5	6°45	3°58	M22
T 23	6 7 27	1°23'00	28°17	3°26	18°10	3°23	23°53	5°48	4°59	11° 4	16°35	12°35	14° 2	6°52	4° 1	T 23
W24	6 11 24	2°24'05	12♉24	2° 3	19°20	4° 5	24° 2	5°55	4°57	11° 4	16°34	12°30	13°59	6°58	4° 4	W24
T 25	6 15 20	3°25'09	26°59	0°41	20°30	4°46	24°10	6° 2	4°55	11° 4	16°33	12°24	13°56	7° 5	4° 7	T 25
F 26	6 19 17	4°26'14	11♊58	29♐21	21°41	5°28	24°17	6° 9	4°53	11° 4	16°32	12°18	13°52	7°12	4°10	F 26
S 27	6 23 13	5°27'19	27°11	28° 7	22°51	6°10	24°25	6°16	4°50	11° 5	16°32	12°13	13°49	7°19	4°12	S 27
S 28	6 27 10	6°28'25	12♋30	27° 0	24° 2	6°51	24°33	6°23	4°48	11° 5	16°31	12° 8	13°46	7°25	4°15	S 28
M29	6 31 7	7°29'31	27°42	26° 2	25°12	7°33	24°40	6°30	4°46	11° 5	16°30	12° 6	13°43	7°32	4°17	M29
T 30	6 35 3	8°30'37	12♌39	25°15	26°23	8°15	24°48	6°37	4°44	11° 5	16°28	12°D 5	13°40	7°39	4°20	T 30
W31	6 39 0	9♑31'44	27♌14	24♐37	27♏34	8♐57	24♎55	6♑44	4♊42	11♈ 5	16♌27	12♒ 6	13♒37	7♑45	4♎22	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21s47	24n 7	2n 7	25s52	2s27	7s 2	2n 7	16s57	0n19	6s54	1n10	22s36	0n46	21n 8	0s 8	3n 1	1s32	22n14	6n47	16s38	16s16	26s42	4s30	3s50
T 2	21 56	20 5	0 52	25 51	2 26	7 23	2 9	17 9	0 18	6 58	1 10	22 36	0 46	21 8	0 8	3 1	1 32	22 14	6 47	16 39	16 17	26 41	4 32	3 51
W 3	22 5	14 57	0s24	25 48	2 24	7 45	2 12	17 20	0 18	7 1	1 10	22 36	0 46	21 7	0 8	3 1	1 32	22 15	6 47	16 39	16 18	26 41	4 35	3 51
T 4	22 13	9 11	1 36	25 43	2 21	8 7	2 14	17 32	0 17	7 5	1 10	22 36	0 46	21 7	0 8	3 0	1 32	22 15	6 48	16 39	16 19	26 40	4 37	3 51
F 5	22 21	3 9	2 41	25 37	2 17	8 29	2 16	17 43	0 17	7 9	1 10	22 36	0 46	21 7	0 8	3 0	1 31	22 15	6 48	16 39	16 19	26 39	4 39	3 51
S 6	22 28	2s51	3 36	25 30	2 12	8 51	2 18	17 55	0 16	7 12	1 11	22 36	0 46	21 6	0 8	3 0	1 31	22 16	6 48	16 39	16 20	26 38	4 41	3 51
S 7	22 35	8 36	4 19	25 22	2 6	9 13	2 19	18 6	0 16	7 16	1 11	22 36	0 46	21 6	0 7	3 0	1 31	22 16	6 48	16 40	16 21	26 37	4 43	3 51
M 8	22 42	13 52	4 48	25 13	1 59	9 35	2 21	18 17	0 15	7 20	1 11	22 36	0 46	21 5	0 7	3 0	1 31	22 17	6 49	16 42	16 22	26 36	4 45	3 51
T 9	22 48	18 30	5 3	25 2	1 52	9 57	2 22	18 27	0 15	7 23	1 11	22 36	0 46	21 5	0 7	3 0	1 31	22 17	6 49	16 44	16 23	26 35	4 47	3 52
W10	22 53	22 18	5 3	24 50	1 43	10 19	2 24	18 38	0 14	7 26	1 11	22 35	0 45	21 4	0 7	3 0	1 31	22 17	6 49	16 47	16 24	26 34	4 49	3 52
T 11	22 59	25 5	4 50	24 38	1 32	10 41	2 25	18 49	0 13	7 30	1 11	22 35	0 45	21 4	0 7	2 59	1 31	22 18	6 49	16 50	16 25	26 33	4 51	3 52
F 12	23 3	26 43	4 25	24 24	1 21	11 2	2 26	18 59	0 13	7 33	1 12	22 35	0 45	21 4	0 7	2 59	1 31	22 18	6 50	16 53	16 26	26 32	4 53	3 52
S 13	23 7	27 6	3 47	24 10	1 8	11 24	2 27	19 9	0 12	7 37	1 12	22 35	0 45	21 3	0 7	2 59	1 31	22 19	6 50	16 56	16 27	26 31	4 54	3 52
S 14	23 11	26 15	3 0	23 55	0 54	11 45	2 28	19 19	0 12	7 40	1 12	22 35	0 45	21 3	0 7	2 59	1 31	22 19	6 50	16 58	16 28	26 30	4 56	3 52
M15	23 15	24 12	2 6	23 40	0 38	12 6	2 28	19 29	0 11	7 43	1 12	22 35	0 45	21 2	0 7	2 59	1 31	22 20	6 50	17 0	16 29	26 29	4 58	3 53
T 16	23 17	21 7	1 5	23 24	0 21	12 27	2 29	19 39	0 10	7 46	1 12	22 34	0 45	21 2	0 7	2 59	1 31	22 20	6 51	17 1	16 30	26 28	5 0	3 53
W17	23 20	17 8	0 2	23 8	0 3	12 48	2 29	19 48	0 10	7 49	1 12	22 34	0 45	21 2	0 7	2 59	1 31	22 20	6 51	17 1	16 31	26 27	5 1	3 53
T 18	23 22	12 27	1n 3	22 52	0n15	13 9	2 30	19 58	0 9	7 53	1 13	22 34	0 45	21 1	0 7	2 59	1 31	22 21	6 51	17 1	16 31	26 26	5 3	3 53
F 19	23 23	7 14	2 5	22 35	0 35	13 30	2 30	20 7	0 9	7 56	1 13	22 34	0 45	21 1	0 7	2 59	1 31	22 21	6 51	17 0	16 32	26 25	5 4	3 53
S 20	23 24	1 38	3 3	22 18	0 55	13 50	2 30	20 16	0 8	7 59	1 13	22 34	0 45	21 0	0 7	2 59	1 31	22 22	6 51	17 0	16 33	26 24	5 6	3 53
S 21	23 25	4n11	3 54	22 2	1 15	14 10	2 30	20 25	0 7	8 2	1 13	22 33	0 45	21 0	0 7	2 59	1 31	22 22	6 52	17 0	16 34	26 23	5 8	3 54
M22	23 25	9 59	4 34	21 45	1 35	14 30	2 30	20 34	0 7	8 5	1 13	22 33	0 44	21 0	0 7	2 59	1 31	22 23	6 52	17 0	16 35	26 22	5 9	3 54
T 23	23 24	15 32	5 1	21 29	1 53	14 50	2 29	20 43	0 6	8 7	1 13	22 33	0 44	20 59	0 7	2 59	1 31	22 23	6 52	17 1	16 36	26 21	5 10	3 54
W24	23 24	20 28	5 10	21 14	2 10	15 9	2 29	20 51	0 6	8 10	1 14	22 33	0 44	20 59	0 7	2 59	1 31	22 24	6 52	17 2	16 37	26 20	5 12	3 54
T 25	23 22	24 20	5 1	21 0	2 25	15 28	2 29	20 59	0 5	8 13	1 14	22 32	0 44	20 58	0 7	2 59	1 31	22 24	6 52	17 4	16 38	26 19	5 13	3 54
F 26	23 20	26 40	4 30	20 47	2 38	15 47	2 28	21 7	0 4	8 16	1 14	22 32	0 44	20 58	0 7	2 59	1 31	22 25	6 53	17 6	16 39	26 18	5 14	3 55
S 27	23 18	27 3	3 40	20 36	2 48	16 6	2 27	21 15	0 4	8 18	1 14	22 32	0 44	20 58	0 7	2 59	1 30	22 25	6 53	17 7	16 40	26 17	5 16	3 55
S 28	23 15	25 23	2 34	20 26	2 56	16 24	2 26	21 23	0 3	8 21	1 14	22 32	0 44	20 57	0 7	3 0	1 30	22 26	6 53	17 8	16 41	26 15	5 17	3 55
M29	23 12	21 52	1 18	20 19	3 2	16 42	2 25	21 31	0 2	8 23	1 15	22 31	0 44	20 57	0 7	3 0	1 30	22 26	6 53	17 9	16 42	26 14	5 18	3 55
T 30	23 9	16 57	0s 3	20 15	3 5	16 59	2 24	21 38	0 2	8 26	1 15	22 31	0 44	20 57	0 7	3 0	1 30	22 27	6 53	17 9	16 42	26 13	5 19	3 55
W31	23s 4	11n 8	1s22	20s12	3n 6	17s16	2n23	21s45	0n 1	8s28	1n15	22s31	0n44	20n56	0s 7	3n 0	1s30	22n27	6n54	17s 9	16s43	26s12	5s20	3s55

Julian Day Number = 2522736.5, Delta T = 158.11 sec
Ecliptic obliquity = 23°24'56, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°27'51, Lahiri = 26°34'51

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2195
geocentric

JANUARY 2195 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 42 56	10♑32'51	11♍22	24°R11	28♏45	9♐39	25♎ 2	6♑51	4°R41	11♈ 6	16°R26	12♒ 7	13♒33	7♑52	4♎24	T 1
F 2	6 46 53	11°33'59	25° 3	23♐55	29°57	10°20	25° 9	6°59	4♊39	11° 6	16♌25	12° 9	13°30	7°59	4°26	F 2
S 3	6 50 49	12°35'07	8♎18	23°D48	1♐ 8	11° 2	25°16	7° 6	4°37	11° 7	16°24	12°R10	13°27	8° 5	4°28	S 3
S 4	6 54 46	13°36'16	21°10	23°51	2°19	11°44	25°22	7°13	4°35	11° 7	16°23	12°10	13°24	8°12	4°30	S 4
M 5	6 58 43	14°37'25	3♏44	24° 3	3°31	12°26	25°29	7°20	4°33	11° 7	16°22	12° 8	13°21	8°19	4°31	M 5
T 6	7 2 39	15°38'34	16° 1	24°23	4°42	13° 8	25°35	7°27	4°31	11° 8	16°21	12° 5	13°17	8°25	4°33	T 6
W 7	7 6 36	16°39'43	28° 7	24°50	5°54	13°50	25°41	7°34	4°30	11° 9	16°20	12° 1	13°14	8°32	4°34	W 7
T 8	7 10 32	17°40'53	10♐ 5	25°23	7° 6	14°33	25°47	7°41	4°28	11° 9	16°18	11°57	13°11	8°39	4°36	T 8
F 9	7 14 29	18°42'03	21°57	26° 2	8°18	15°15	25°53	7°48	4°27	11°10	16°17	11°53	13° 8	8°45	4°37	F 9
S 10	7 18 25	19°43'13	3♑46	26°47	9°30	15°57	25°59	7°55	4°25	11°10	16°16	11°49	13° 5	8°52	4°38	S 10
S 11	7 22 22	20°44'23	15°35	27°36	10°42	16°39	26° 4	8° 2	4°23	11°11	16°15	11°46	13° 2	8°59	4°39	S 11
M12	7 26 18	21°45'33	27°25	28°29	11°54	17°21	26°10	8° 9	4°22	11°12	16°13	11°44	12°58	9° 5	4°39	M12
T 13	7 30 15	22°46'43	9♒18	29°26	13° 6	18° 4	26°15	8°16	4°20	11°12	16°12	11°D43	12°55	9°12	4°40	T 13
W14	7 34 12	23°47'52	21°16	0♑27	14°18	18°46	26°20	8°23	4°19	11°13	16°11	11°43	12°52	9°19	4°41	W14
T 15	7 38 8	24°49'00	3♓22	1°30	15°30	19°28	26°25	8°30	4°18	11°14	16°10	11°44	12°49	9°25	4°41	T 15
F 16	7 42 5	25°50'09	15°38	2°36	16°43	20°11	26°30	8°36	4°16	11°15	16° 8	11°46	12°46	9°32	4°41	F 16
S 17	7 46 1	26°51'16	28° 8	3°45	17°55	20°53	26°34	8°43	4°15	11°16	16° 7	11°47	12°43	9°39	4°42	S 17
S 18	7 49 58	27°52'23	10♈54	4°55	19° 8	21°35	26°39	8°50	4°14	11°17	16° 6	11°48	12°39	9°45	4°R42	S 18
M19	7 53 54	28°53'29	24° 0	6° 8	20°20	22°18	26°43	8°57	4°13	11°18	16° 4	11°R49	12°36	9°52	4°42	M19
T 20	7 57 51	29°54'35	7♉29	7°22	21°33	23° 0	26°47	9° 4	4°12	11°19	16° 3	11°49	12°33	9°59	4°42	T 20
W21	8 1 47	0♒55'40	21°22	8°38	22°45	23°43	26°51	9°10	4°11	11°20	16° 2	11°48	12°30	10° 5	4°41	W21
T 22	8 5 44	1°56'44	5♊40	9°55	23°58	24°25	26°55	9°17	4° 9	11°21	16° 0	11°47	12°27	10°12	4°41	T 22
F 23	8 9 41	2°57'47	20°20	11°14	25°11	25° 8	26°59	9°24	4° 9	11°22	15°59	11°46	12°23	10°19	4°40	F 23
S 24	8 13 37	3°58'50	5♋17	12°34	26°24	25°51	27° 2	9°31	4° 8	11°23	15°58	11°45	12°20	10°25	4°40	S 24
S 25	8 17 34	4°59'51	20°23	13°55	27°36	26°33	27° 5	9°37	4° 7	11°24	15°56	11°44	12°17	10°32	4°39	S 25
M26	8 21 30	6° 0'52	5♌31	15°17	28°49	27°16	27° 8	9°44	4° 6	11°25	15°55	11°D44	12°14	10°39	4°38	M26
T 27	8 25 27	7° 1'52	20°30	16°40	0♑ 2	27°59	27°11	9°50	4° 5	11°26	15°53	11°44	12°11	10°45	4°37	T 27
W28	8 29 23	8° 2'51	5♍13	18° 4	1°15	28°42	27°14	9°57	4° 4	11°27	15°52	11°44	12° 8	10°52	4°36	W28
T 29	8 33 20	9° 3'50	19°32	19°29	2°28	29°24	27°16	10° 3	4° 4	11°29	15°51	11°45	12° 4	10°59	4°35	T 29
F 30	8 37 16	10° 4'48	3♎25	20°55	3°41	0♑ 7	27°19	10°10	4° 3	11°30	15°49	11°45	12° 1	11° 5	4°34	F 30
S 31	8 41 13	11♒ 5'45	16♎51	22♑22	4♑54	0♑50	27♎21	10♑16	4♊ 2	11♈31	15♌48	11♒45	11♒58	11♑12	4♎32	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s 0	4n56	2s33	20s12	3n 6	17s33	2n22	21s52	0n 0	8s31	1n15	22s31	0n44	20n56	0s 7	3n 0	1s30	22n28	6n54	17s 9	16s44	26s11	5s21	3s56
F 2	22 55	1s18	3 34	20 13	3 3	17 49	2 21	21 59	0s 0	8 33	1 15	22 30	0 44	20 56	0 7	3 0	1 30	22 28	6 54	17 8	16 45	26 10	5 22	3 56
S 3	22 49	7 17	4 21	20 17	3 0	18 5	2 19	22 5	0 1	8 35	1 16	22 30	0 44	20 55	0 7	3 1	1 30	22 29	6 54	17 8	16 46	26 9	5 23	3 56
S 4	22 43	12 47	4 53	20 22	2 55	18 21	2 18	22 12	0 2	8 38	1 16	22 30	0 44	20 55	0 7	3 1	1 30	22 29	6 54	17 8	16 47	26 8	5 24	3 56
M 5	22 37	17 36	5 10	20 29	2 49	18 36	2 16	22 18	0 2	8 40	1 16	22 29	0 44	20 55	0 7	3 1	1 30	22 30	6 55	17 8	16 48	26 7	5 25	3 56
T 6	22 30	21 36	5 13	20 36	2 42	18 51	2 15	22 24	0 3	8 42	1 16	22 29	0 43	20 54	0 7	3 1	1 30	22 30	6 55	17 9	16 49	26 5	5 25	3 57
W 7	22 23	24 37	5 2	20 45	2 34	19 5	2 13	22 30	0 4	8 44	1 16	22 29	0 43	20 54	0 7	3 1	1 30	22 31	6 55	17 10	16 50	26 4	5 26	3 57
T 8	22 15	26 30	4 37	20 54	2 26	19 19	2 11	22 35	0 4	8 46	1 17	22 28	0 43	20 54	0 7	3 2	1 30	22 31	6 55	17 11	16 51	26 3	5 27	3 57
F 9	22 7	27 11	4 1	21 4	2 18	19 32	2 9	22 41	0 5	8 48	1 17	22 28	0 43	20 54	0 7	3 2	1 30	22 32	6 55	17 13	16 52	26 2	5 27	3 57
S 10	21 58	26 36	3 14	21 14	2 9	19 45	2 7	22 46	0 6	8 50	1 17	22 28	0 43	20 53	0 7	3 2	1 30	22 33	6 55	17 14	16 52	26 1	5 28	3 57
S 11	21 49	24 49	2 19	21 24	2 0	19 58	2 5	22 51	0 6	8 51	1 17	22 27	0 43	20 53	0 7	3 3	1 30	22 33	6 56	17 15	16 53	25 59	5 29	3 57
M12	21 40	21 56	1 18	21 34	1 51	20 9	2 3	22 56	0 7	8 53	1 18	22 27	0 43	20 53	0 7	3 3	1 30	22 34	6 56	17 15	16 54	25 58	5 29	3 58
T 13	21 30	18 8	0 13	21 43	1 42	20 21	2 1	23 0	0 8	8 55	1 18	22 26	0 43	20 53	0 7	3 3	1 30	22 34	6 56	17 15	16 55	25 57	5 29	3 58
W14	21 19	13 34	0n53	21 53	1 32	20 32	1 59	23 5	0 8	8 57	1 18	22 26	0 43	20 52	0 7	3 4	1 30	22 35	6 56	17 15	16 56	25 56	5 30	3 58
T 15	21 9	8 27	1 57	22 1	1 23	20 42	1 56	23 9	0 9	8 58	1 18	22 26	0 43	20 52	0 7	3 4	1 30	22 35	6 56	17 15	16 57	25 55	5 30	3 58
F 16	20 57	2 56	2 57	22 10	1 14	20 52	1 54	23 13	0 10	9 0	1 18	22 25	0 43	20 52	0 7	3 4	1 30	22 36	6 56	17 15	16 58	25 53	5 30	3 58
S 17	20 46	2n46	3 50	22 17	1 4	21 1	1 52	23 16	0 10	9 1	1 19	22 25	0 43	20 52	0 7	3 5	1 30	22 36	6 57	17 14	16 59	25 52	5 31	3 58
S 18	20 34	8 29	4 32	22 24	0 55	21 9	1 49	23 20	0 11	9 2	1 19	22 25	0 43	20 51	0 7	3 5	1 29	22 37	6 57	17 14	17 0	25 51	5 31	3 59
M19	20 22	13 59	5 2	22 30	0 46	21 17	1 47	23 23	0 12	9 4	1 19	22 24	0 43	20 51	0 7	3 5	1 29	22 37	6 57	17 14	17 0	25 50	5 31	3 59
T 20	20 9	18 58	5 16	22 35	0 37	21 25	1 44	23 26	0 12	9 5	1 19	22 24	0 43	20 51	0 7	3 6	1 29	22 38	6 57	17 14	17 1	25 49	5 31	3 59
W21	19 56	23 7	5 13	22 40	0 28	21 32	1 41	23 29	0 13	9 6	1 20	22 23	0 43	20 51	0 7	3 6	1 29	22 38	6 57	17 14	17 2	25 47	5 31	3 59
T 22	19 42	25 59	4 50	22 43	0 20	21 38	1 39	23 32	0 14	9 7	1 20	22 23	0 43	20 51	0 7	3 7	1 29	22 39	6 57	17 14	17 3	25 46	5 31	3 59
F 23	19 29	27 12	4 8	22 45	0 11	21 44	1 36	23 34	0 15	9 8	1 20	22 22	0 43	20 50	0 7	3 7	1 29	22 40	6 57	17 14	17 4	25 45	5 31	3 59
S 24	19 14	26 28	3 9	22 46	0 3	21 49	1 33	23 36	0 15	9 9	1 20	22 22	0 43	20 50	0 7	3 8	1 29	22 40	6 57	17 15	17 5	25 43	5 31	3 59
S 25	19 0	23 47	1 56	22 47	0s 5	21 53	1 30	23 38	0 16	9 10	1 21	22 22	0 43	20 50	0 7	3 8	1 29	22 41	6 58	17 15	17 6	25 42	5 31	4 0
M26	18 45	19 26	0 35	22 46	0 13	21 57	1 28	23 40	0 17	9 11	1 21	22 21	0 43	20 50	0 7	3 9	1 29	22 41	6 58	17 15	17 7	25 41	5 30	4 0
T 27	18 30	13 52	0s49	22 43	0 21	22 0	1 25	23 42	0 18	9 12	1 21	22 21	0 42	20 50	0 7	3 9	1 29	22 42	6 58	17 15	17 8	25 40	5 30	4 0
W28	18 14	7 37	2 7	22 40	0 28	22 3	1 22	23 43	0 18	9 13	1 21	22 20	0 42	20 50	0 7	3 10	1 29	22 42	6 58	17 15	17 8	25 38	5 30	4 0
T 29	17 58	1 9	3 15	22 35	0 36	22 5	1 19	23 44	0 19	9 13	1 22	22 20	0 42	20 50	0 7	3 10	1 29	22 43	6 58	17 15	17 9	25 37	5 29	4 0
F 30	17 42	5s11	4 10	22 30	0 43	22 6	1 16	23 45	0 20	9 14	1 22	22 19	0 42	20 50	0 7	3 11	1 29	22 43	6 58	17 15	17 10	25 36	5 29	4 0
S 31	17s26	11s 3	4s48	22s23	0s50	22s 7	1n13	23s45	0s20	9s14	1n22	22s19	0n42	20n49	0s 7	3n11	1s29	22n44	6n58	17s15	17s11	25s34	5s29	4s 0

Julian Day Number = 2522767.5, Delta T = 158.19 sec
Ecliptic obliquity = 23°24'56, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°27'55, Lahiri = 26°34'56

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2195
geocentric

FEBRUARY 2195 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 45 10	12♒ 6'42	29♎52	23♑50	6♑ 7	1♑33	27♎23	10♑23	4°R 2	11♈33	15°R46	11°R45	11♒55	11♑19	4°R31	S 1
M 2	8 49 6	13° 7'38	12♏29	25°18	7°21	2°16	27°24	10°29	4♊ 1	11°34	15♌45	11°D45	11°52	11°25	4♎29	M 2
T 3	8 53 3	14° 8'33	24°48	26°48	8°34	2°59	27°26	10°35	4° 1	11°35	15°44	11♒45	11°49	11°32	4°27	T 3
W 4	8 56 59	15° 9'28	6♐52	28°18	9°47	3°42	27°27	10°42	4° 1	11°37	15°42	11°45	11°45	11°39	4°25	W 4
T 5	9 0 56	16°10'22	18°47	29°48	11° 0	4°25	27°29	10°48	4° 0	11°38	15°41	11°46	11°42	11°45	4°23	T 5
F 6	9 4 52	17°11'15	0♑36	1♒20	12°14	5° 8	27°30	10°54	4° 0	11°40	15°39	11°46	11°39	11°52	4°21	F 6
S 7	9 8 49	18°12'08	12°23	2°52	13°27	5°51	27°30	11° 0	4° 0	11°41	15°38	11°47	11°36	11°59	4°19	S 7
S 8	9 12 45	19°12'59	24°13	4°25	14°40	6°34	27°31	11° 6	4° 0	11°43	15°37	11°48	11°33	12° 5	4°17	S 8
M 9	9 16 42	20°13'49	6♒ 7	5°59	15°54	7°17	27°31	11°12	4° 0	11°44	15°35	11°R48	11°29	12°12	4°14	M 9
T 10	9 20 39	21°14'38	18° 8	7°34	17° 7	8° 1	27°32	11°18	3°59	11°46	15°34	11°48	11°26	12°19	4°12	T 10
W11	9 24 35	22°15'26	0♓18	9° 9	18°21	8°44	27°R32	11°24	3°D59	11°47	15°32	11°47	11°23	12°25	4° 9	W11
T 12	9 28 32	23°16'13	12°39	10°45	19°34	9°27	27°32	11°30	4° 0	11°49	15°31	11°46	11°20	12°32	4° 6	T 12
F 13	9 32 28	24°16'58	25°11	12°22	20°48	10°10	27°31	11°36	4° 0	11°51	15°30	11°45	11°17	12°39	4° 4	F 13
S 14	9 36 25	25°17'41	7♈56	14° 0	22° 1	10°54	27°31	11°42	4° 0	11°52	15°28	11°43	11°14	12°45	4° 1	S 14
S 15	9 40 21	26°18'24	20°55	15°38	23°15	11°37	27°30	11°47	4° 0	11°54	15°27	11°41	11°10	12°52	3°58	S 15
M16	9 44 18	27°19'04	4♉ 9	17°17	24°28	12°20	27°29	11°53	4° 0	11°56	15°25	11°39	11° 7	12°59	3°55	M16
T 17	9 48 14	28°19'43	17°39	18°58	25°42	13° 4	27°28	11°59	4° 1	11°58	15°24	11°38	11° 4	13° 5	3°51	T 17
W18	9 52 11	29°20'21	1♊26	20°39	26°55	13°47	27°27	12° 4	4° 1	11°59	15°23	11°D38	11° 1	13°12	3°48	W18
T 19	9 56 8	0♓20'56	15°29	22°20	28° 9	14°31	27°25	12°10	4° 1	12° 1	15°21	11°38	10°58	13°19	3°45	T 19
F 20	10 0 4	1°21'30	29°48	24° 3	29°23	15°14	27°24	12°15	4° 2	12° 3	15°20	11°39	10°55	13°25	3°41	F 20
S 21	10 4 1	2°22'03	14♋20	25°47	0♒36	15°58	27°22	12°21	4° 2	12° 5	15°19	11°41	10°51	13°32	3°38	S 21
S 22	10 7 57	3°22'33	29° 1	27°31	1°50	16°41	27°20	12°26	4° 3	12° 7	15°17	11°42	10°48	13°39	3°34	S 22
M23	10 11 54	4°23'02	13♌47	29°17	3° 4	17°25	27°18	12°31	4° 4	12° 9	15°16	11°R42	10°45	13°45	3°31	M23
T 24	10 15 50	5°23'28	28°30	1♓ 3	4°17	18° 8	27°15	12°36	4° 4	12°10	15°15	11°41	10°42	13°52	3°27	T 24
W25	10 19 47	6°23'53	13♍ 2	2°51	5°31	18°52	27°13	12°41	4° 5	12°12	15°13	11°39	10°39	13°59	3°23	W25
T 26	10 23 43	7°24'17	27°19	4°39	6°45	19°36	27°10	12°47	4° 6	12°14	15°12	11°36	10°35	14° 5	3°19	T 26
F 27	10 27 40	8°24'39	11♎14	6°28	7°58	20°19	27° 7	12°52	4° 7	12°16	15°11	11°32	10°32	14°12	3°15	F 27
S 28	10 31 37	9♓25'00	24♎46	8♓18	9♒12	21♑ 3	27♎ 4	12♑56	4♊ 8	12♈18	15♌ 9	11♒28	10♒29	14♑18	3♎11	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s 9	16s16	5s11	22s14	0s56	22s 7	1n10	23s46	0s21	9s15	1n22	22s18	0n42	20n49	0s 7	3n12	1s29	22n44	6n58	17s15	17s12	25s33	5s28	4s 0
M 2	16 52	20 36	5 18	22 5	1 3	22 6	1 7	23 46	0 22	9 15	1 23	22 18	0 42	20 49	0 7	3 12	1 29	22 45	6 58	17 15	17 13	25 32	5 27	4 0
T 3	16 34	23 57	5 10	21 54	1 9	22 5	1 3	23 46	0 23	9 16	1 23	22 18	0 42	20 49	0 7	3 13	1 29	22 45	6 58	17 15	17 14	25 30	5 27	4 1
W 4	16 16	26 10	4 48	21 42	1 15	22 3	1 0	23 45	0 23	9 16	1 23	22 17	0 42	20 49	0 7	3 14	1 29	22 46	6 59	17 15	17 15	25 29	5 26	4 1
T 5	15 58	27 10	4 14	21 29	1 20	22 1	0 57	23 45	0 24	9 16	1 23	22 17	0 42	20 49	0 7	3 14	1 29	22 46	6 59	17 15	17 16	25 28	5 25	4 1
F 6	15 40	26 54	3 30	21 14	1 26	21 57	0 54	23 44	0 25	9 16	1 24	22 16	0 42	20 49	0 7	3 15	1 29	22 47	6 59	17 14	17 16	25 26	5 25	4 1
S 7	15 22	25 26	2 36	20 58	1 31	21 53	0 51	23 43	0 26	9 16	1 24	22 16	0 42	20 49	0 7	3 15	1 29	22 47	6 59	17 14	17 17	25 25	5 24	4 1
S 8	15 3	22 50	1 36	20 41	1 35	21 49	0 48	23 42	0 27	9 16	1 24	22 15	0 42	20 49	0 7	3 16	1 29	22 48	6 59	17 14	17 18	25 23	5 23	4 1
M 9	14 44	19 14	0 32	20 22	1 40	21 44	0 45	23 40	0 27	9 16	1 24	22 15	0 42	20 49	0 7	3 17	1 29	22 48	6 59	17 14	17 19	25 22	5 22	4 1
T 10	14 24	14 49	0n35	20 2	1 44	21 38	0 42	23 38	0 28	9 16	1 24	22 14	0 42	20 49	0 7	3 17	1 29	22 49	6 59	17 14	17 20	25 21	5 21	4 1
W11	14 5	9 47	1 41	19 41	1 48	21 32	0 38	23 36	0 29	9 16	1 25	22 14	0 42	20 49	0 7	3 18	1 29	22 49	6 59	17 14	17 21	25 19	5 20	4 1
T 12	13 45	4 18	2 43	19 18	1 51	21 25	0 35	23 34	0 30	9 16	1 25	22 13	0 42	20 49	0 7	3 19	1 28	22 50	6 59	17 14	17 22	25 18	5 19	4 1
F 13	13 25	1n25	3 38	18 54	1 54	21 17	0 32	23 32	0 30	9 15	1 25	22 13	0 42	20 49	0 7	3 19	1 28	22 50	6 59	17 15	17 23	25 17	5 18	4 1
S 14	13 5	7 11	4 23	18 29	1 57	21 9	0 29	23 29	0 31	9 15	1 25	22 12	0 42	20 49	0 7	3 20	1 28	22 51	6 59	17 15	17 23	25 15	5 17	4 1
S 15	12 44	12 43	4 56	18 2	2 0	21 0	0 26	23 26	0 32	9 14	1 26	22 12	0 42	20 49	0 7	3 21	1 28	22 51	6 59	17 16	17 24	25 14	5 16	4 1
M16	12 23	17 48	5 14	17 34	2 2	20 50	0 23	23 23	0 33	9 14	1 26	22 11	0 42	20 49	0 7	3 21	1 28	22 52	6 59	17 16	17 25	25 12	5 14	4 1
T 17	12 3	22 6	5 14	17 5	2 4	20 40	0 19	23 20	0 34	9 13	1 26	22 11	0 42	20 49	0 6	3 22	1 28	22 52	6 59	17 17	17 26	25 11	5 13	4 1
W18	11 42	25 17	4 58	16 34	2 5	20 29	0 16	23 16	0 34	9 13	1 26	22 10	0 42	20 49	0 6	3 23	1 28	22 52	6 59	17 17	17 27	25 9	5 12	4 1
T 19	11 20	26 59	4 23	16 2	2 6	20 18	0 13	23 13	0 35	9 12	1 27	22 10	0 42	20 50	0 6	3 24	1 28	22 53	6 59	17 17	17 28	25 8	5 10	4 1
F 20	10 59	26 56	3 31	15 29	2 7	20 6	0 10	23 9	0 36	9 11	1 27	22 9	0 42	20 50	0 6	3 24	1 28	22 53	6 59	17 16	17 29	25 6	5 9	4 1
S 21	10 37	25 3	2 25	14 54	2 7	19 53	0 7	23 4	0 37	9 10	1 27	22 9	0 42	20 50	0 6	3 25	1 28	22 54	6 59	17 16	17 30	25 5	5 8	4 1
S 22	10 16	21 28	1 9	14 18	2 7	19 40	0 4	23 0	0 38	9 9	1 27	22 9	0 42	20 50	0 6	3 26	1 28	22 54	6 59	17 16	17 30	25 4	5 6	4 1
M23	9 54	16 29	0s11	13 41	2 6	19 26	0 1	22 55	0 38	9 8	1 28	22 8	0 42	20 50	0 6	3 26	1 28	22 55	6 59	17 16	17 31	25 2	5 5	4 1
T 24	9 32	10 34	1 31	13 2	2 5	19 12	0s 2	22 50	0 39	9 7	1 28	22 8	0 42	20 50	0 6	3 27	1 28	22 55	6 59	17 16	17 32	25 1	5 3	4 1
W25	9 9	4 8	2 44	12 22	2 3	18 57	0 5	22 45	0 40	9 6	1 28	22 7	0 42	20 50	0 6	3 28	1 28	22 55	6 59	17 16	17 33	24 59	5 2	4 1
T 26	8 47	2s23	3 45	11 40	2 1	18 42	0 8	22 40	0 41	9 5	1 28	22 7	0 42	20 50	0 6	3 29	1 28	22 56	6 59	17 17	17 34	24 58	5 0	4 1
F 27	8 24	8 36	4 31	10 58	1 58	18 26	0 11	22 34	0 42	9 4	1 28	22 6	0 42	20 51	0 6	3 30	1 28	22 56	6 59	17 18	17 35	24 56	4 58	4 1
S 28	8s 2	14s14	5s 0	10s14	1s55	18s10	0s14	22s28	0s42	9s 2	1n29	22s 6	0n42	20n51	0s 6	3n30	1s28	22n57	6n59	17s20	17s36	24s55	4s57	4s 0

Julian Day Number = 2522798.5, Delta T = 158.27 sec
Ecliptic obliquity = 23°24'56, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°28'00, Lahiri = 26°35'00

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2195
geocentric

MARCH 2195 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 35 33	10♓25'19	7♏52	10♓ 9	10♒26	21♑47	27°R 1	13♑ 1	4♊ 8	12♈20	15°R 8	11°R24	10♒26	14♑25	3°R 7	S 1
M 2	10 39 30	11°25'37	20°35	12° 1	11°40	22°30	26♎57	13° 6	4° 9	12°22	15♌ 7	11♒21	10°23	14°32	3♎ 3	M 2
T 3	10 43 26	12°25'53	2♐58	13°54	12°54	23°14	26°54	13°11	4°11	12°24	15° 6	11°19	10°20	14°38	2°59	T 3
W 4	10 47 23	13°26'08	15° 4	15°47	14° 7	23°58	26°50	13°15	4°12	12°26	15° 4	11°D18	10°16	14°45	2°54	W 4
T 5	10 51 19	14°26'21	27° 0	17°42	15°21	24°42	26°46	13°20	4°13	12°28	15° 3	11°19	10°13	14°52	2°50	T 5
F 6	10 55 16	15°26'33	8♑49	19°37	16°35	25°26	26°42	13°25	4°14	12°30	15° 2	11°21	10°10	14°58	2°46	F 6
S 7	10 59 12	16°26'43	20°37	21°32	17°49	26°10	26°37	13°29	4°15	12°32	15° 1	11°22	10° 7	15° 5	2°41	S 7
S 8	11 3 9	17°26'52	2♒28	23°28	19° 3	26°54	26°33	13°33	4°17	12°34	15° 0	11°24	10° 4	15°12	2°37	S 8
M 9	11 7 6	18°26'59	14°27	25°24	20°17	27°38	26°28	13°38	4°18	12°37	14°59	11°R24	10° 1	15°18	2°32	M 9
T 10	11 11 2	19°27'05	26°37	27°20	21°30	28°22	26°24	13°42	4°19	12°39	14°57	11°23	9°57	15°25	2°28	T 10
W11	11 14 59	20°27'08	9♓ 0	29°16	22°44	29° 6	26°19	13°46	4°21	12°41	14°56	11°20	9°54	15°32	2°23	W11
T 12	11 18 55	21°27'10	21°38	1♈12	23°58	29°50	26°14	13°50	4°22	12°43	14°55	11°15	9°51	15°38	2°19	T 12
F 13	11 22 52	22°27'10	4♈32	3° 7	25°12	0♒34	26° 8	13°54	4°24	12°45	14°54	11° 8	9°48	15°45	2°14	F 13
S 14	11 26 48	23°27'07	17°40	5° 1	26°26	1°18	26° 3	13°58	4°25	12°47	14°53	11° 1	9°45	15°52	2° 9	S 14
S 15	11 30 45	24°27'03	1♉ 1	6°53	27°40	2° 2	25°57	14° 2	4°27	12°49	14°52	10°53	9°41	15°58	2° 5	S 15
M16	11 34 41	25°26'57	14°35	8°44	28°54	2°46	25°52	14° 5	4°29	12°52	14°51	10°47	9°38	16° 5	2° 0	M16
T 17	11 38 38	26°26'49	28°18	10°33	0♓ 8	3°30	25°46	14° 9	4°30	12°54	14°50	10°41	9°35	16°12	1°55	T 17
W18	11 42 35	27°26'38	12♊11	12°19	1°22	4°14	25°40	14°12	4°32	12°56	14°49	10°38	9°32	16°18	1°50	W18
T 19	11 46 31	28°26'26	26°12	14° 2	2°35	4°59	25°34	14°16	4°34	12°58	14°48	10°D37	9°29	16°25	1°46	T 19
F 20	11 50 28	29°26'11	10♋19	15°41	3°49	5°43	25°28	14°19	4°36	13° 0	14°47	10°38	9°26	16°32	1°41	F 20
S 21	11 54 24	0♈25'54	24°31	17°16	5° 3	6°27	25°21	14°23	4°38	13° 3	14°46	10°39	9°22	16°38	1°36	S 21
S 22	11 58 21	1°25'34	8♌48	18°46	6°17	7°11	25°15	14°26	4°40	13° 5	14°45	10°R39	9°19	16°45	1°31	S 22
M23	12 2 17	2°25'12	23° 6	20°11	7°31	7°55	25° 8	14°29	4°42	13° 7	14°44	10°39	9°16	16°52	1°26	M23
T 24	12 6 14	3°24'48	7♍22	21°31	8°45	8°40	25° 2	14°32	4°44	13° 9	14°44	10°36	9°13	16°58	1°22	T 24
W25	12 10 10	4°24'22	21°31	22°45	9°59	9°24	24°55	14°35	4°46	13°12	14°43	10°31	9°10	17° 5	1°17	W25
T 26	12 14 7	5°23'53	5♎30	23°53	11°13	10° 8	24°48	14°38	4°48	13°14	14°42	10°23	9° 6	17°12	1°12	T 26
F 27	12 18 4	6°23'23	19°13	24°54	12°27	10°53	24°41	14°40	4°50	13°16	14°41	10°14	9° 3	17°18	1° 7	F 27
S 28	12 22 0	7°22'51	2♏37	25°48	13°40	11°37	24°34	14°43	4°52	13°18	14°40	10° 4	9° 0	17°25	1° 3	S 28
S 29	12 25 57	8°22'16	15°41	26°35	14°54	12°21	24°27	14°46	4°55	13°21	14°40	9°54	8°57	17°32	0°58	S 29
M30	12 29 53	9°21'41	28°24	27°15	16° 8	13° 6	24°20	14°48	4°57	13°23	14°39	9°46	8°54	17°38	0°53	M30
T 31	12 33 50	10♈21'03	10♐48	27♈48	17♓22	13♒50	24♎13	14♑51	4♊59	13♈25	14♌38	9♒39	8♒51	17♑45	0♎49	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s39	19s 3	5s13	9s29	1s52	17s53	0s17	22s22	0s43	9s 1	1n29	22s 5	0n42	20n51	0s 6	3n31	1s28	22n57	6n59	17s21	17s36	24s53	4s55	4s 0
M 2	7 16	22 51	5 10	8 42	1 48	17 35	0 20	22 16	0 44	9 0	1 29	22 5	0 42	20 51	0 6	3 32	1 28	22 57	6 59	17 22	17 37	24 52	4 53	4 0
T 3	6 53	25 30	4 52	7 55	1 43	17 17	0 22	22 9	0 45	8 58	1 29	22 4	0 42	20 51	0 6	3 33	1 28	22 58	6 59	17 22	17 38	24 50	4 51	4 0
W 4	6 30	26 54	4 21	7 6	1 38	16 59	0 25	22 3	0 46	8 57	1 29	22 4	0 42	20 52	0 6	3 34	1 28	22 58	6 59	17 22	17 39	24 49	4 49	4 0
T 5	6 7	27 2	3 39	6 16	1 32	16 40	0 28	21 56	0 47	8 55	1 30	22 4	0 42	20 52	0 6	3 34	1 28	22 58	6 59	17 22	17 40	24 47	4 48	4 0
F 6	5 44	25 56	2 49	5 25	1 25	16 20	0 31	21 48	0 47	8 53	1 30	22 3	0 42	20 52	0 6	3 35	1 28	22 59	6 59	17 22	17 41	24 45	4 46	4 0
S 7	5 21	23 40	1 51	4 33	1 18	16 0	0 33	21 41	0 48	8 52	1 30	22 3	0 42	20 52	0 6	3 36	1 28	22 59	6 59	17 21	17 42	24 44	4 44	3 59
S 8	4 57	20 23	0 49	3 40	1 11	15 40	0 36	21 34	0 49	8 50	1 30	22 2	0 42	20 53	0 6	3 37	1 28	22 59	6 59	17 21	17 42	24 42	4 42	3 59
M 9	4 34	16 13	0n17	2 47	1 3	15 19	0 38	21 26	0 50	8 48	1 30	22 2	0 41	20 53	0 6	3 38	1 28	23 0	6 59	17 21	17 43	24 41	4 40	3 59
T 10	4 10	11 21	1 22	1 53	0 54	14 58	0 41	21 18	0 51	8 46	1 31	22 1	0 41	20 53	0 6	3 38	1 28	23 0	6 59	17 21	17 44	24 39	4 38	3 59
W11	3 47	5 57	2 25	0 58	0 44	14 36	0 43	21 10	0 52	8 44	1 31	22 1	0 41	20 53	0 6	3 39	1 28	23 0	6 59	17 22	17 45	24 38	4 36	3 59
T 12	3 23	0 14	3 21	0 3	0 35	14 14	0 46	21 1	0 52	8 42	1 31	22 1	0 41	20 54	0 6	3 40	1 28	23 1	6 59	17 23	17 46	24 36	4 34	3 58
F 13	3 0	5n36	4 9	0n52	0 24	13 52	0 48	20 53	0 53	8 40	1 31	22 0	0 41	20 54	0 6	3 41	1 28	23 1	6 59	17 25	17 47	24 34	4 32	3 58
S 14	2 36	11 17	4 44	1 47	0 13	13 29	0 50	20 44	0 54	8 38	1 31	22 0	0 41	20 54	0 6	3 42	1 28	23 1	6 59	17 27	17 48	24 33	4 30	3 58
S 15	2 12	16 34	5 4	2 42	0 2	13 6	0 53	20 35	0 55	8 36	1 31	21 59	0 41	20 55	0 6	3 43	1 28	23 1	6 59	17 29	17 48	24 31	4 28	3 58
M16	1 48	21 6	5 8	3 37	0n10	12 42	0 55	20 26	0 56	8 34	1 32	21 59	0 41	20 55	0 6	3 44	1 28	23 2	6 59	17 31	17 49	24 30	4 26	3 58
T 17	1 25	24 33	4 54	4 31	0 22	12 18	0 57	20 16	0 57	8 31	1 32	21 59	0 41	20 55	0 6	3 44	1 28	23 2	6 59	17 32	17 50	24 28	4 23	3 57
W18	1 1	26 35	4 23	5 23	0 35	11 54	0 59	20 6	0 57	8 29	1 32	21 58	0 41	20 56	0 6	3 45	1 28	23 2	6 59	17 33	17 51	24 26	4 21	3 57
T 19	0 37	26 58	3 37	6 15	0 47	11 30	1 1	19 57	0 58	8 27	1 32	21 58	0 41	20 56	0 6	3 46	1 28	23 2	6 59	17 33	17 52	24 25	4 19	3 57
F 20	0 13	25 37	2 36	7 5	1 0	11 5	1 3	19 47	0 59	8 24	1 32	21 58	0 41	20 56	0 6	3 47	1 28	23 3	6 59	17 33	17 53	24 23	4 17	3 56
S 21	0n10	22 36	1 26	7 54	1 13	10 39	1 5	19 37	1 0	8 22	1 32	21 57	0 41	20 57	0 6	3 48	1 28	23 3	6 59	17 33	17 53	24 22	4 15	3 56
S 22	0 34	18 12	0 10	8 40	1 25	10 14	1 7	19 26	1 1	8 20	1 32	21 57	0 41	20 57	0 6	3 49	1 28	23 3	6 58	17 33	17 54	24 20	4 13	3 56
M23	0 58	12 45	1s 7	9 24	1 38	9 48	1 9	19 16	1 2	8 17	1 32	21 57	0 41	20 57	0 6	3 50	1 28	23 3	6 58	17 33	17 55	24 18	4 10	3 55
T 24	1 21	6 39	2 19	10 5	1 50	9 22	1 10	19 5	1 2	8 15	1 33	21 56	0 41	20 58	0 6	3 51	1 28	23 3	6 58	17 34	17 56	24 17	4 8	3 55
W25	1 45	0 16	3 21	10 44	2 2	8 56	1 12	18 54	1 3	8 12	1 33	21 56	0 41	20 58	0 6	3 51	1 28	23 4	6 58	17 35	17 57	24 15	4 6	3 55
T 26	2 9	6s 1	4 11	11 20	2 14	8 29	1 14	18 43	1 4	8 9	1 33	21 56	0 41	20 59	0 6	3 52	1 28	23 4	6 58	17 37	17 58	24 13	4 4	3 54
F 27	2 32	11 55	4 45	11 52	2 25	8 3	1 15	18 32	1 5	8 7	1 33	21 55	0 41	20 59	0 6	3 53	1 28	23 4	6 58	17 40	17 58	24 12	4 2	3 54
S 28	2 56	17 6	5 2	12 22	2 35	7 36	1 17	18 20	1 6	8 4	1 33	21 55	0 41	20 59	0 6	3 54	1 28	23 4	6 58	17 42	17 59	24 10	3 59	3 54
S 29	3 19	21 21	5 3	12 48	2 44	7 8	1 18	18 9	1 7	8 2	1 33	21 55	0 41	21 0	0 6	3 55	1 28	23 4	6 58	17 45	18 0	24 8	3 57	3 53
M30	3 42	24 29	4 49	13 10	2 52	6 41	1 19	17 57	1 8	7 59	1 33	21 55	0 41	21 0	0 6	3 56	1 28	23 4	6 58	17 47	18 1	24 7	3 55	3 53
T 31	4n 6	26s21	4s22	13n28	3n 0	6s14	1s21	17s45	1s 8	7s56	1n33	21s54	0n41	21n 1	0s 6	3n57	1s28	23n 5	6n58	17s49	18s 2	24s 5	3s53	3s52

Julian Day Number = 2522826.5, Delta T = 158.34 sec
Ecliptic obliquity = 23°24'56, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°28'03, Lahiri = 26°35'04

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2195
geocentric

APRIL 2195 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 37 46	11♈20'23	22♐56	28♈12	18♓36	14♒35	24°R 6	14♑53	5♊ 2	13♈27	14°R37	9°R35	8♒47	17♑52	0°R44	W 1
T 2	12 41 43	12°19'42	4♑53	28°30	19°50	15°19	23♎58	14°55	5° 4	13°30	14♌37	9♒33	8°44	17°58	0♎39	T 2
F 3	12 45 39	13°18'59	16°42	28°40	21° 4	16° 4	23°51	14°57	5° 6	13°32	14°36	9°D33	8°41	18° 5	0°35	F 3
S 4	12 49 36	14°18'14	28°31	28°R42	22°18	16°48	23°43	14°59	5° 9	13°34	14°36	9°34	8°38	18°11	0°30	S 4
S 5	12 53 33	15°17'27	10♒24	28°37	23°32	17°32	23°36	15° 1	5°11	13°37	14°35	9°R34	8°35	18°18	0°26	S 5
M 6	12 57 29	16°16'39	22°26	28°26	24°45	18°17	23°28	15° 3	5°14	13°39	14°34	9°33	8°32	18°25	0°21	M 6
T 7	13 1 26	17°15'48	4♓42	28° 8	25°59	19° 2	23°21	15° 5	5°16	13°41	14°34	9°30	8°28	18°31	0°17	T 7
W 8	13 5 22	18°14'56	17°15	27°44	27°13	19°46	23°13	15° 6	5°19	13°43	14°33	9°25	8°25	18°38	0°12	W 8
T 9	13 9 19	19°14'02	0♈ 8	27°15	28°27	20°31	23° 5	15° 8	5°22	13°46	14°33	9°17	8°22	18°45	0° 8	T 9
F 10	13 13 15	20°13'06	13°21	26°41	29°41	21°15	22°58	15° 9	5°24	13°48	14°32	9° 7	8°19	18°51	0° 3	F 10
S 11	13 17 12	21°12'08	26°52	26° 3	0♈55	22° 0	22°50	15°11	5°27	13°50	14°32	8°55	8°16	18°58	29♍59	S 11
S 12	13 21 8	22°11'08	10♉40	25°21	2° 9	22°44	22°42	15°12	5°30	13°52	14°32	8°43	8°12	19° 5	29°55	S 12
M13	13 25 5	23°10'06	24°40	24°38	3°23	23°29	22°35	15°13	5°33	13°55	14°31	8°33	8° 9	19°11	29°51	M13
T 14	13 29 1	24° 9'02	8♊47	23°52	4°37	24°13	22°27	15°14	5°35	13°57	14°31	8°24	8° 6	19°18	29°47	T 14
W15	13 32 58	25° 7'55	22°58	23° 7	5°50	24°58	22°19	15°15	5°38	13°59	14°31	8°18	8° 3	19°25	29°43	W15
T 16	13 36 55	26° 6'47	7♋ 9	22°21	7° 4	25°43	22°11	15°16	5°41	14° 1	14°30	8°15	8° 0	19°31	29°39	T 16
F 17	13 40 51	27° 5'36	21°19	21°37	8°18	26°27	22° 4	15°17	5°44	14° 4	14°30	8°14	7°57	19°38	29°35	F 17
S 18	13 44 48	28° 4'23	5♌24	20°54	9°32	27°12	21°56	15°17	5°47	14° 6	14°30	8°14	7°53	19°45	29°31	S 18
S 19	13 48 44	29° 3'07	19°26	20°14	10°46	27°56	21°48	15°18	5°50	14° 8	14°30	8°13	7°50	19°51	29°27	S 19
M20	13 52 41	0♉ 1'49	3♍22	19°38	12° 0	28°41	21°41	15°18	5°53	14°10	14°29	8°12	7°47	19°58	29°24	M20
T 21	13 56 37	1° 0'29	17°13	19° 5	13°13	29°25	21°33	15°19	5°56	14°12	14°29	8° 7	7°44	20° 5	29°20	T 21
W22	14 0 34	1°59'07	0♎56	18°36	14°27	0♓10	21°26	15°19	5°59	14°15	14°29	8° 0	7°41	20°11	29°17	W22
T 23	14 4 30	2°57'42	14°30	18°11	15°41	0°55	21°18	15°19	6° 2	14°17	14°29	7°50	7°38	20°18	29°13	T 23
F 24	14 8 27	3°56'16	27°51	17°52	16°55	1°39	21°11	15°R19	6° 5	14°19	14°29	7°39	7°34	20°25	29°10	F 24
S 25	14 12 24	4°54'48	10♏58	17°37	18° 9	2°24	21° 4	15°19	6° 8	14°21	14°29	7°26	7°31	20°31	29° 6	S 25
S 26	14 16 20	5°53'17	23°49	17°27	19°22	3° 8	20°56	15°19	6°11	14°23	14°29	7°13	7°28	20°38	29° 3	S 26
M27	14 20 17	6°51'46	6♐24	17°D22	20°36	3°53	20°49	15°19	6°14	14°25	14°D29	7° 1	7°25	20°44	29° 0	M27
T 28	14 24 13	7°50'12	18°43	17°23	21°50	4°38	20°42	15°19	6°18	14°28	14°29	6°52	7°22	20°51	28°57	T 28
W29	14 28 10	8°48'37	0♑49	17°28	23° 4	5°22	20°35	15°18	6°21	14°30	14°29	6°46	7°18	20°58	28°54	W29
T 30	14 32 6	9♉47'00	12♑44	17♈38	24♈18	6♓ 7	20♎28	15♑18	6♊24	14♈32	14♌29	6♒42	7♒15	21♑ 4	28♍51	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	4n29	26s56	3s43	13n43	3n 6	5s46	1s22	17s33	1s 9	7s53	1n33	21s54	0n41	21n 1	0s 6	3n58	1s28	23n 5	6n58	17s50	18s 3	24s 3	3s50	3s52	W 1
T 2	4 52	26 14	2 54	13 54	3 11	5 18	1 23	17 21	1 10	7 51	1 33	21 54	0 41	21 2	0 6	3 58	1 28	23 5	6 58	17 51	18 3	24 1	3 48	3 52	T 2
F 3	5 15	24 20	1 59	14 1	3 14	4 50	1 24	17 8	1 11	7 48	1 33	21 54	0 41	21 2	0 6	3 59	1 28	23 5	6 58	17 51	18 4	24 0	3 46	3 51	F 3
S 4	5 38	21 24	0 59	14 4	3 17	4 22	1 25	16 56	1 12	7 45	1 33	21 53	0 41	21 2	0 6	4 0	1 28	23 5	6 57	17 50	18 5	23 58	3 44	3 51	S 4
S 5	6 1	17 33	0n 4	14 3	3 17	3 53	1 26	16 43	1 13	7 42	1 33	21 53	0 41	21 3	0 6	4 1	1 28	23 5	6 57	17 50	18 6	23 56	3 41	3 50	S 5
M 6	6 24	12 57	1 8	13 58	3 17	3 25	1 27	16 30	1 13	7 40	1 33	21 53	0 41	21 3	0 6	4 2	1 28	23 5	6 57	17 51	18 7	23 54	3 39	3 50	M 6
T 7	6 46	7 46	2 10	13 49	3 14	2 56	1 28	16 17	1 14	7 37	1 33	21 53	0 41	21 4	0 6	4 3	1 28	23 5	6 57	17 51	18 8	23 53	3 37	3 49	T 7
W 8	7 9	2 10	3 6	13 37	3 10	2 27	1 29	16 4	1 15	7 34	1 33	21 53	0 41	21 4	0 6	4 4	1 28	23 5	6 57	17 53	18 8	23 51	3 35	3 49	W 8
T 9	7 31	3n39	3 55	13 21	3 4	1 59	1 29	15 50	1 16	7 31	1 33	21 52	0 41	21 5	0 6	4 5	1 28	23 5	6 57	17 55	18 9	23 49	3 33	3 48	T 9
F 10	7 54	9 26	4 32	13 2	2 57	1 30	1 30	15 37	1 17	7 28	1 33	21 52	0 41	21 5	0 6	4 5	1 28	23 5	6 57	17 58	18 10	23 48	3 31	3 48	F 10
S 11	8 16	14 56	4 55	12 39	2 48	1 1	1 30	15 23	1 18	7 25	1 33	21 52	0 41	21 6	0 6	4 6	1 28	23 5	6 57	18 1	18 11	23 46	3 28	3 47	S 11
S 12	8 38	19 46	5 1	12 15	2 38	0 32	1 31	15 9	1 18	7 23	1 33	21 52	0 41	21 6	0 6	4 7	1 28	23 5	6 57	18 4	18 12	23 44	3 26	3 47	S 12
M13	9 0	23 36	4 50	11 48	2 26	0 3	1 31	14 56	1 19	7 20	1 33	21 52	0 41	21 7	0 6	4 8	1 28	23 5	6 57	18 7	18 13	23 42	3 24	3 46	M13
T 14	9 21	26 2	4 21	11 19	2 13	0n26	1 31	14 42	1 20	7 17	1 33	21 52	0 41	21 7	0 6	4 9	1 28	23 5	6 56	18 9	18 13	23 40	3 22	3 46	T 14
W15	9 43	26 49	3 35	10 49	1 59	0 55	1 32	14 27	1 21	7 14	1 33	21 52	0 41	21 8	0 6	4 10	1 28	23 5	6 56	18 10	18 14	23 39	3 20	3 45	W15
T 16	10 4	25 50	2 37	10 18	1 44	1 24	1 32	14 13	1 22	7 11	1 33	21 52	0 41	21 8	0 6	4 11	1 28	23 5	6 56	18 11	18 15	23 37	3 18	3 45	T 16
F 17	10 26	23 11	1 28	9 47	1 28	1 53	1 32	13 59	1 23	7 8	1 33	21 52	0 41	21 9	0 6	4 11	1 28	23 5	6 56	18 11	18 16	23 35	3 16	3 44	F 17
S 18	10 47	19 9	0 15	9 16	1 12	2 22	1 32	13 44	1 23	7 6	1 33	21 51	0 41	21 9	0 6	4 12	1 28	23 5	6 56	18 11	18 17	23 33	3 14	3 44	S 18
S 19	11 8	14 3	0s59	8 46	0 56	2 51	1 32	13 30	1 24	7 3	1 33	21 51	0 41	21 10	0 6	4 13	1 28	23 5	6 56	18 11	18 17	23 31	3 12	3 43	S 19
M20	11 28	8 15	2 9	8 16	0 39	3 20	1 32	13 15	1 25	7 0	1 33	21 51	0 41	21 10	0 6	4 14	1 28	23 5	6 56	18 12	18 18	23 30	3 10	3 43	M20
T 21	11 49	2 7	3 10	7 48	0 22	3 48	1 32	13 0	1 26	6 57	1 33	21 51	0 41	21 11	0 6	4 15	1 28	23 5	6 56	18 13	18 19	23 28	3 8	3 42	T 21
W22	12 9	4s 3	4 0	7 22	0 5	4 17	1 32	12 45	1 27	6 55	1 33	21 51	0 41	21 11	0 6	4 16	1 28	23 5	6 56	18 15	18 20	23 26	3 6	3 41	W22
T 23	12 29	9 57	4 36	6 57	0s11	4 46	1 31	12 30	1 27	6 52	1 33	21 51	0 41	21 12	0 6	4 16	1 28	23 5	6 55	18 17	18 21	23 24	3 4	3 41	T 23
F 24	12 49	15 18	4 56	6 35	0 27	5 14	1 31	12 15	1 28	6 49	1 33	21 51	0 41	21 13	0 6	4 17	1 28	23 5	6 55	18 20	18 22	23 22	3 2	3 40	F 24
S 25	13 9	19 51	5 0	6 15	0 42	5 43	1 30	12 0	1 29	6 47	1 33	21 51	0 41	21 13	0 6	4 18	1 28	23 5	6 55	18 24	18 22	23 20	3 0	3 40	S 25
S 26	13 28	23 21	4 48	5 58	0 57	6 11	1 30	11 44	1 30	6 44	1 33	21 51	0 41	21 14	0 6	4 19	1 28	23 5	6 55	18 27	18 23	23 19	2 58	3 39	S 26
M27	13 48	25 40	4 22	5 43	1 11	6 39	1 29	11 29	1 31	6 41	1 33	21 51	0 41	21 14	0 6	4 20	1 28	23 5	6 55	18 30	18 24	23 17	2 57	3 38	M27
T 28	14 7	26 40	3 45	5 31	1 25	7 8	1 29	11 13	1 31	6 39	1 32	21 51	0 41	21 15	0 6	4 20	1 28	23 5	6 55	18 32	18 25	23 15	2 55	3 38	T 28
W29	14 25	26 22	2 58	5 21	1 37	7 36	1 28	10 58	1 32	6 36	1 32	21 52	0 41	21 15	0 6	4 21	1 28	23 4	6 55	18 34	18 26	23 13	2 53	3 37	W29
T 30	14n44	24s51	2s 3	5n14	1s49	8n 3	1s27	10s42	1s33	6s34	1n32	21s52	0n41	21n16	0s 6	4n22	1s28	23n 4	6n55	18s35	18s26	23s11	2s51	3s37	T 30

Julian Day Number = 2522857.5, Delta T = 158.42 sec
Ecliptic obliquity = 23°24'56, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°28'08, Lahiri = 26°35'08

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2195
geocentric

MAY 2195 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 36 3	10♉45'21	24♋34	17♈53	25♈31	6♓51	20°R21	15°R17	6♊27	14♈34	14♌29	6°R40	7♒12	21♋11	28°R49	F 1
S 2	14 39 59	11°43'41	6♒22	18°13	26°45	7°36	20♎14	15♋16	6°31	14°36	14°29	6♒40	7° 9	21°18	28♍46	S 2
S 3	14 43 56	12°42'00	18°15	18°37	27°59	8°21	20° 8	15°16	6°34	14°38	14°29	6°40	7° 6	21°24	28°43	S 3
M 4	14 47 53	13°40'17	0♓18	19° 5	29°13	9° 5	20° 1	15°15	6°37	14°40	14°30	6°39	7° 3	21°31	28°41	M 4
T 5	14 51 49	14°38'32	12°36	19°38	0♉26	9°50	19°55	15°14	6°40	14°42	14°30	6°36	6°59	21°38	28°39	T 5
W 6	14 55 46	15°36'45	25°13	20°14	1°40	10°34	19°48	15°13	6°44	14°44	14°30	6°31	6°56	21°44	28°36	W 6
T 7	14 59 42	16°34'58	8♈14	20°55	2°54	11°19	19°42	15°11	6°47	14°46	14°30	6°24	6°53	21°51	28°34	T 7
F 8	15 3 39	17°33'08	21°39	21°39	4° 8	12° 3	19°36	15°10	6°50	14°48	14°31	6°14	6°50	21°58	28°32	F 8
S 9	15 7 35	18°31'18	5♉28	22°26	5°21	12°48	19°30	15° 9	6°54	14°50	14°31	6° 2	6°47	22° 4	28°30	S 9
S 10	15 11 32	19°29'25	19°37	23°17	6°35	13°32	19°24	15° 7	6°57	14°52	14°31	5°51	6°44	22°11	28°28	S 10
M11	15 15 28	20°27'31	4♊ 2	24°12	7°49	14°17	19°18	15° 6	7° 1	14°54	14°32	5°40	6°40	22°18	28°26	M11
T 12	15 19 25	21°25'36	18°35	25° 9	9° 3	15° 1	19°13	15° 4	7° 4	14°56	14°32	5°32	6°37	22°24	28°25	T 12
W13	15 23 22	22°23'38	3♋11	26° 9	10°16	15°46	19° 7	15° 2	7° 7	14°58	14°32	5°26	6°34	22°31	28°23	W13
T 14	15 27 18	23°21'39	17°42	27°13	11°30	16°30	19° 2	15° 1	7°11	15° 0	14°33	5°23	6°31	22°38	28°22	T 14
F 15	15 31 15	24°19'38	2♌ 5	28°19	12°44	17°15	18°57	14°59	7°14	15° 2	14°33	5°D22	6°28	22°44	28°21	F 15
S 16	15 35 11	25°17'35	16°17	29°28	13°58	17°59	18°52	14°57	7°18	15° 3	14°34	5°22	6°24	22°51	28°19	S 16
S 17	15 39 8	26°15'30	0♍16	0♉39	15°11	18°43	18°47	14°55	7°21	15° 5	14°34	5°R22	6°21	22°57	28°18	S 17
M18	15 43 4	27°13'24	14° 2	1°54	16°25	19°28	18°42	14°52	7°25	15° 7	14°35	5°21	6°18	23° 4	28°17	M18
T 19	15 47 1	28°11'15	27°37	3°10	17°39	20°12	18°37	14°50	7°28	15° 9	14°36	5°17	6°15	23°11	28°16	T 19
W20	15 50 57	29° 9'05	11♎ 0	4°29	18°52	20°56	18°33	14°48	7°32	15°11	14°36	5°12	6°12	23°17	28°16	W20
T 21	15 54 54	0♊ 6'53	24°10	5°51	20° 6	21°40	18°29	14°45	7°35	15°12	14°37	5° 3	6° 9	23°24	28°15	T 21
F 22	15 58 51	1° 4'40	7♏ 9	7°15	21°20	22°25	18°24	14°43	7°39	15°14	14°38	4°53	6° 5	23°31	28°14	F 22
S 23	16 2 47	2° 2'25	19°56	8°42	22°33	23° 9	18°20	14°40	7°42	15°16	14°38	4°42	6° 2	23°37	28°14	S 23
S 24	16 6 44	3° 0'08	2♐29	10°10	23°47	23°53	18°17	14°38	7°46	15°17	14°39	4°31	5°59	23°44	28°14	S 24
M25	16 10 40	3°57'51	14°51	11°41	25° 1	24°37	18°13	14°35	7°49	15°19	14°40	4°22	5°56	23°51	28°13	M25
T 26	16 14 37	4°55'32	27° 1	13°15	26°14	25°21	18° 9	14°32	7°53	15°21	14°40	4°14	5°53	23°57	28°D13	T 26
W27	16 18 33	5°53'12	9♑ 0	14°51	27°28	26° 5	18° 6	14°29	7°56	15°22	14°41	4° 8	5°50	24° 4	28°13	W27
T 28	16 22 30	6°50'51	20°52	16°29	28°42	26°49	18° 3	14°26	8° 0	15°24	14°42	4° 5	5°46	24°11	28°14	T 28
F 29	16 26 27	7°48'28	2♒40	18° 9	29°55	27°33	18° 0	14°23	8° 3	15°26	14°43	4°D 4	5°43	24°17	28°14	F 29
S 30	16 30 23	8°46'05	14°28	19°51	1♊ 9	28°17	17°57	14°20	8° 7	15°27	14°44	4° 5	5°40	24°24	28°14	S 30
S 31	16 34 20	9♊43'41	26♒21	21♉36	2♊23	29♓ 1	17♎55	14♋17	8♊10	15♈29	14♌45	4♒ 6	5♒37	24♋31	28♍15	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	15n 2	22s14	1s 4	5n 9	2s 0	8n31	1s27	10s26	1s34	6s31	1n32	21s52	0n41	21n16	0s 6	4n23	1s28	23n 4	6n54	18s35	18s27	23s 9	2s50	3s36
S 2	15 20	18 41	0 2	5 7	2 11	8 58	1 26	10 10	1 34	6 29	1 32	21 52	0 41	21 17	0 6	4 24	1 28	23 4	6 54	18 35	18 28	23 7	2 48	3 35
S 3	15 38	14 23	1n 1	5 8	2 20	9 26	1 25	9 54	1 35	6 27	1 32	21 52	0 41	21 18	0 6	4 24	1 28	23 4	6 54	18 35	18 29	23 6	2 47	3 35
M 4	15 56	9 27	2 2	5 10	2 29	9 53	1 24	9 38	1 36	6 24	1 32	21 52	0 41	21 18	0 5	4 25	1 28	23 4	6 54	18 36	18 30	23 4	2 45	3 34
T 5	16 13	4 5	2 58	5 15	2 36	10 19	1 23	9 22	1 37	6 22	1 32	21 52	0 41	21 19	0 5	4 26	1 28	23 3	6 54	18 36	18 30	23 2	2 43	3 33
W 6	16 30	1n35	3 47	5 23	2 43	10 46	1 22	9 6	1 37	6 20	1 31	21 52	0 41	21 19	0 5	4 27	1 28	23 3	6 54	18 37	18 31	23 0	2 42	3 33
T 7	16 47	7 20	4 26	5 32	2 49	11 12	1 20	8 50	1 38	6 17	1 31	21 52	0 41	21 20	0 5	4 27	1 28	23 3	6 54	18 39	18 32	22 58	2 40	3 32
F 8	17 3	12 56	4 52	5 43	2 55	11 38	1 19	8 33	1 39	6 15	1 31	21 53	0 41	21 20	0 5	4 28	1 28	23 3	6 54	18 42	18 33	22 56	2 39	3 31
S 9	17 19	18 3	5 1	5 57	2 59	12 4	1 18	8 17	1 40	6 13	1 31	21 53	0 41	21 21	0 5	4 29	1 28	23 3	6 54	18 45	18 34	22 54	2 38	3 31
S 10	17 35	22 19	4 53	6 12	3 3	12 30	1 17	8 1	1 40	6 11	1 31	21 53	0 41	21 22	0 5	4 30	1 28	23 2	6 53	18 47	18 34	22 52	2 36	3 30
M11	17 51	25 17	4 26	6 29	3 6	12 55	1 15	7 44	1 41	6 9	1 30	21 53	0 41	21 22	0 5	4 30	1 28	23 2	6 53	18 50	18 35	22 50	2 35	3 29
T 12	18 6	26 36	3 41	6 48	3 9	13 20	1 14	7 28	1 42	6 7	1 30	21 53	0 41	21 23	0 5	4 31	1 29	23 2	6 53	18 52	18 36	22 48	2 34	3 29
W13	18 21	26 4	2 42	7 8	3 10	13 45	1 12	7 11	1 43	6 5	1 30	21 54	0 41	21 23	0 5	4 32	1 29	23 2	6 53	18 54	18 37	22 46	2 33	3 28
T 14	18 36	23 46	1 32	7 30	3 11	14 9	1 11	6 54	1 43	6 3	1 30	21 54	0 41	21 24	0 5	4 32	1 29	23 1	6 53	18 54	18 38	22 44	2 31	3 27
F 15	18 50	19 58	0 17	7 53	3 12	14 33	1 9	6 38	1 44	6 2	1 30	21 54	0 41	21 24	0 5	4 33	1 29	23 1	6 53	18 55	18 38	22 42	2 30	3 27
S 16	19 4	15 1	0s58	8 17	3 11	14 56	1 7	6 21	1 45	6 0	1 30	21 54	0 41	21 25	0 5	4 34	1 29	23 1	6 53	18 55	18 39	22 41	2 29	3 26
S 17	19 18	9 22	2 8	8 43	3 10	15 20	1 6	6 4	1 45	5 58	1 29	21 55	0 41	21 26	0 5	4 34	1 29	23 1	6 53	18 55	18 40	22 39	2 28	3 25
M18	19 31	3 21	3 10	9 10	3 8	15 42	1 4	5 48	1 46	5 57	1 29	21 55	0 41	21 26	0 5	4 35	1 29	23 0	6 52	18 55	18 41	22 37	2 27	3 25
T 19	19 44	2s44	4 1	9 38	3 6	16 5	1 2	5 31	1 47	5 55	1 29	21 55	0 41	21 27	0 5	4 36	1 29	23 0	6 52	18 56	18 42	22 35	2 26	3 24
W20	19 57	8 35	4 37	10 8	3 3	16 27	1 0	5 14	1 47	5 54	1 29	21 55	0 41	21 27	0 5	4 36	1 29	23 0	6 52	18 57	18 42	22 33	2 25	3 23
T 21	20 9	13 59	4 58	10 38	3 0	16 48	0 59	4 57	1 48	5 52	1 28	21 56	0 41	21 28	0 5	4 37	1 29	23 0	6 52	18 59	18 43	22 31	2 24	3 23
F 22	20 21	18 39	5 3	11 9	2 55	17 10	0 57	4 40	1 49	5 51	1 28	21 56	0 41	21 29	0 5	4 38	1 29	22 59	6 52	19 1	18 44	22 29	2 23	3 22
S 23	20 33	22 24	4 53	11 41	2 51	17 30	0 55	4 23	1 49	5 50	1 28	21 56	0 41	21 29	0 5	4 38	1 29	22 59	6 52	19 4	18 45	22 27	2 23	3 21
S 24	20 44	25 1	4 28	12 14	2 45	17 51	0 53	4 7	1 50	5 48	1 28	21 57	0 40	21 30	0 5	4 39	1 29	22 59	6 52	19 7	18 45	22 25	2 22	3 21
M25	20 55	26 24	3 52	12 48	2 40	18 11	0 51	3 50	1 51	5 47	1 28	21 57	0 40	21 30	0 5	4 39	1 29	22 58	6 52	19 9	18 46	22 23	2 21	3 20
T 26	21 6	26 28	3 5	13 22	2 33	18 30	0 49	3 33	1 51	5 46	1 27	21 57	0 40	21 31	0 5	4 40	1 29	22 58	6 52	19 11	18 47	22 21	2 20	3 19
W27	21 16	25 16	2 10	13 56	2 27	18 49	0 47	3 16	1 52	5 45	1 27	21 58	0 40	21 31	0 5	4 41	1 29	22 58	6 52	19 12	18 48	22 19	2 20	3 19
T 28	21 26	22 57	1 10	14 31	2 19	19 7	0 45	2 59	1 52	5 44	1 27	21 58	0 40	21 32	0 5	4 41	1 29	22 57	6 51	19 13	18 49	22 17	2 19	3 18
F 29	21 35	19 40	0 8	15 7	2 11	19 25	0 43	2 42	1 53	5 43	1 27	21 58	0 40	21 33	0 5	4 42	1 29	22 57	6 51	19 13	18 49	22 15	2 19	3 17
S 30	21 44	15 35	0n56	15 42	2 3	19 43	0 40	2 25	1 54	5 42	1 26	21 59	0 40	21 33	0 5	4 42	1 29	22 57	6 51	19 13	18 50	22 13	2 18	3 16
S 31	21n53	10s53	1n57	16n18	1s55	19n59	0s38	2s 8	1s54	5s42	1n26	21s59	0n40	21n34	0s 5	4n43	1s29	22n56	6n51	19s13	18s51	22s11	2s18	3s16

Julian Day Number = 2522887.5, Delta T = 158.50 sec
Ecliptic obliquity = 23°24'56, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°28'12, Lahiri = 26°35'12

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2195
geocentric

JUNE 2195 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 38 16	10♊41'16	8♓23	23♉24	3♊36	29♓45	17°R52	14°R14	8♊14	15♈30	14♌46	4°R 7	5♒34	24♑37	28♍15	M 1
T 2	16 42 13	11°38'49	20°40	25°13	4°50	0♈29	17♎50	14♑10	8°17	15°32	14°46	4♒ 6	5°30	24°44	28°16	T 2
W 3	16 46 9	12°36'22	3♈17	27° 5	6° 4	1°13	17°48	14° 7	8°21	15°33	14°47	4° 4	5°27	24°50	28°17	W 3
T 4	16 50 6	13°33'55	16°18	28°58	7°17	1°57	17°46	14° 4	8°24	15°34	14°48	4° 0	5°24	24°57	28°18	T 4
F 5	16 54 2	14°31'26	29°46	0♊55	8°31	2°40	17°44	14° 0	8°28	15°36	14°49	3°54	5°21	25° 4	28°19	F 5
S 6	16 57 59	15°28'57	13♉41	2°53	9°45	3°24	17°42	13°57	8°31	15°37	14°50	3°47	5°18	25°10	28°20	S 6
S 7	17 1 55	16°26'27	28° 1	4°53	10°58	4° 8	17°41	13°53	8°35	15°38	14°51	3°39	5°15	25°17	28°21	S 7
M 8	17 5 52	17°23'56	12♊41	6°55	12°12	4°51	17°40	13°49	8°38	15°40	14°53	3°33	5°11	25°24	28°23	M 8
T 9	17 9 49	18°21'24	27°34	8°59	13°26	5°35	17°39	13°45	8°42	15°41	14°54	3°27	5° 8	25°30	28°24	T 9
W10	17 13 45	19°18'51	12♋32	11° 5	14°39	6°18	17°38	13°42	8°45	15°42	14°55	3°23	5° 5	25°37	28°26	W10
T 11	17 17 42	20°16'17	27°25	13°13	15°53	7° 2	17°37	13°38	8°49	15°44	14°56	3°D22	5° 2	25°44	28°27	T 11
F 12	17 21 38	21°13'43	12♌ 7	15°21	17° 7	7°45	17°37	13°34	8°52	15°45	14°57	3°22	4°59	25°50	28°29	F 12
S 13	17 25 35	22°11'07	26°34	17°31	18°20	8°28	17°37	13°30	8°56	15°46	14°58	3°23	4°56	25°57	28°31	S 13
S 14	17 29 31	23° 8'29	10♍42	19°42	19°34	9°11	17°D36	13°26	8°59	15°47	14°59	3°24	4°52	26° 4	28°33	S 14
M15	17 33 28	24° 5'51	24°30	21°54	20°48	9°54	17°37	13°22	9° 2	15°48	15° 1	3°R25	4°49	26°10	28°36	M15
T 16	17 37 25	25° 3'12	7♎59	24° 6	22° 1	10°38	17°37	13°18	9° 6	15°49	15° 2	3°24	4°46	26°17	28°38	T 16
W17	17 41 21	26° 0'31	21°11	26°18	23°15	11°21	17°37	13°14	9° 9	15°50	15° 3	3°22	4°43	26°24	28°40	W17
T 18	17 45 18	26°57'50	4♏ 6	28°30	24°29	12° 3	17°38	13°10	9°13	15°51	15° 4	3°18	4°40	26°30	28°43	T 18
F 19	17 49 14	27°55'08	16°48	0♋41	25°42	12°46	17°39	13° 6	9°16	15°52	15° 6	3°12	4°36	26°37	28°45	F 19
S 20	17 53 11	28°52'25	29°16	2°52	26°56	13°29	17°40	13° 2	9°19	15°53	15° 7	3° 7	4°33	26°43	28°48	S 20
S 21	17 57 7	29°49'42	11♐34	5° 2	28°10	14°12	17°41	12°57	9°23	15°54	15° 8	3° 1	4°30	26°50	28°51	S 21
M22	18 1 4	0♋46'58	23°41	7°11	29°24	14°55	17°42	12°53	9°26	15°55	15°10	2°56	4°27	26°57	28°54	M22
T 23	18 5 0	1°44'13	5♑41	9°18	0♋37	15°37	17°43	12°49	9°29	15°56	15°11	2°52	4°24	27° 3	28°57	T 23
W24	18 8 57	2°41'28	17°34	11°24	1°51	16°20	17°45	12°44	9°33	15°57	15°12	2°49	4°21	27°10	29° 0	W24
T 25	18 12 54	3°38'43	29°23	13°28	3° 5	17° 2	17°47	12°40	9°36	15°58	15°14	2°D48	4°17	27°17	29° 3	T 25
F 26	18 16 50	4°35'57	11♒10	15°31	4°18	17°44	17°49	12°36	9°39	15°58	15°15	2°49	4°14	27°23	29° 7	F 26
S 27	18 20 47	5°33'11	22°59	17°31	5°32	18°27	17°51	12°31	9°43	15°59	15°17	2°50	4°11	27°30	29°10	S 27
S 28	18 24 43	6°30'24	4♓52	19°30	6°46	19° 9	17°53	12°27	9°46	16° 0	15°18	2°51	4° 8	27°37	29°14	S 28
M29	18 28 40	7°27'38	16°56	21°27	7°59	19°51	17°56	12°23	9°49	16° 0	15°20	2°53	4° 5	27°43	29°17	M29
T 30	18 32 36	8♋24'51	29♓13	23♋21	9♋13	20♈33	17♎59	12♑18	9♊52	16♈ 1	15♌21	2♒54	4♒ 2	27♑50	29♍21	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n 2	5s44	2n54	16n54	1s46	20n16	0s36	1s51	1s55	5s41	1n26	21s59	0n40	21n34	0s 5	4n43	1s29	22n56	6n51	19s13	18s52	22s 8	2s17	3s15
T 2	22 10	0 16	3 44	17 30	1 36	20 32	0 34	1 34	1 55	5 40	1 26	22 0	0 40	21 35	0 5	4 44	1 29	22 55	6 51	19 13	18 52	22 6	2 17	3 14
W 3	22 17	5n21	4 25	18 5	1 26	20 47	0 32	1 17	1 56	5 40	1 25	22 0	0 40	21 35	0 5	4 44	1 29	22 55	6 51	19 13	18 53	22 4	2 17	3 14
T 4	22 24	10 55	4 53	18 40	1 16	21 1	0 29	1 1	1 56	5 39	1 25	22 1	0 40	21 36	0 5	4 45	1 29	22 55	6 51	19 14	18 54	22 2	2 17	3 13
F 5	22 31	16 10	5 7	19 15	1 6	21 16	0 27	0 44	1 57	5 39	1 25	22 1	0 40	21 36	0 5	4 45	1 29	22 54	6 51	19 16	18 55	22 0	2 16	3 12
S 6	22 38	20 45	5 3	19 48	0 56	21 29	0 25	0 27	1 57	5 38	1 25	22 1	0 40	21 37	0 5	4 46	1 30	22 54	6 51	19 17	18 56	21 58	2 16	3 12
S 7	22 44	24 15	4 41	20 21	0 45	21 42	0 22	0 10	1 58	5 38	1 24	22 2	0 40	21 38	0 5	4 46	1 30	22 53	6 50	19 19	18 56	21 56	2 16	3 11
M 8	22 49	26 15	3 59	20 53	0 34	21 54	0 20	0n 7	1 59	5 38	1 24	22 2	0 40	21 38	0 5	4 47	1 30	22 53	6 50	19 21	18 57	21 54	2 16	3 10
T 9	22 54	26 25	3 1	21 24	0 23	22 6	0 18	0 24	1 59	5 38	1 24	22 3	0 40	21 39	0 5	4 47	1 30	22 53	6 50	19 22	18 58	21 52	2 16	3 10
W10	22 59	24 40	1 51	21 53	0 12	22 17	0 15	0 40	2 0	5 38	1 24	22 3	0 40	21 39	0 5	4 48	1 30	22 52	6 50	19 23	18 59	21 50	2 16	3 9
T 11	23 4	21 11	0 32	22 20	0 1	22 27	0 13	0 57	2 0	5 38	1 23	22 4	0 40	21 40	0 5	4 48	1 30	22 52	6 50	19 23	18 59	21 48	2 16	3 8
F 12	23 8	16 23	0s47	22 46	0n 9	22 37	0 11	1 14	2 0	5 38	1 23	22 4	0 40	21 40	0 5	4 48	1 30	22 51	6 50	19 23	19 0	21 46	2 16	3 8
S 13	23 11	10 43	2 3	23 10	0 20	22 46	0 8	1 30	2 1	5 38	1 23	22 4	0 40	21 41	0 5	4 49	1 30	22 51	6 50	19 23	19 1	21 44	2 16	3 7
S 14	23 14	4 38	3 9	23 31	0 30	22 55	0 6	1 47	2 1	5 38	1 22	22 5	0 40	21 41	0 5	4 49	1 30	22 51	6 50	19 22	19 2	21 42	2 16	3 6
M15	23 17	1s32	4 2	23 50	0 40	23 2	0 3	2 3	2 2	5 38	1 22	22 5	0 39	21 42	0 5	4 50	1 30	22 50	6 50	19 22	19 2	21 39	2 17	3 6
T 16	23 19	7 28	4 41	24 6	0 49	23 10	0 1	2 20	2 2	5 39	1 22	22 6	0 39	21 42	0 5	4 50	1 30	22 50	6 50	19 23	19 3	21 37	2 17	3 5
W17	23 21	12 57	5 4	24 20	0 58	23 16	0n 1	2 36	2 3	5 39	1 22	22 6	0 39	21 43	0 5	4 50	1 30	22 49	6 50	19 23	19 4	21 35	2 17	3 4
T 18	23 23	17 45	5 11	24 31	1 7	23 22	0 4	2 52	2 3	5 39	1 21	22 7	0 39	21 44	0 5	4 51	1 30	22 49	6 50	19 24	19 5	21 33	2 18	3 4
F 19	23 24	21 40	5 3	24 40	1 15	23 27	0 6	3 9	2 3	5 40	1 21	22 7	0 39	21 44	0 5	4 51	1 30	22 48	6 50	19 25	19 5	21 31	2 18	3 3
S 20	23 25	24 31	4 40	24 45	1 22	23 31	0 8	3 25	2 4	5 41	1 21	22 8	0 39	21 45	0 5	4 51	1 30	22 48	6 49	19 27	19 6	21 29	2 19	3 2
S 21	23 25	26 11	4 4	24 48	1 29	23 35	0 11	3 41	2 4	5 41	1 21	22 8	0 39	21 45	0 5	4 52	1 30	22 47	6 49	19 28	19 7	21 27	2 19	3 2
M22	23 25	26 33	3 18	24 48	1 35	23 38	0 13	3 57	2 5	5 42	1 20	22 9	0 39	21 46	0 5	4 52	1 30	22 47	6 49	19 29	19 8	21 24	2 20	3 1
T 23	23 24	25 41	2 23	24 45	1 40	23 40	0 16	4 13	2 5	5 43	1 20	22 9	0 39	21 46	0 5	4 52	1 30	22 46	6 49	19 30	19 9	21 22	2 20	3 0
W24	23 23	23 38	1 23	24 40	1 44	23 42	0 18	4 29	2 5	5 44	1 20	22 10	0 39	21 47	0 5	4 53	1 30	22 46	6 49	19 31	19 9	21 20	2 21	3 0
T 25	23 22	20 34	0 19	24 32	1 48	23 43	0 20	4 45	2 6	5 45	1 20	22 10	0 39	21 47	0 5	4 53	1 31	22 46	6 49	19 31	19 10	21 18	2 22	2 59
F 26	23 20	16 40	0n46	24 21	1 51	23 43	0 23	5 1	2 6	5 46	1 19	22 11	0 39	21 48	0 5	4 53	1 31	22 45	6 49	19 31	19 11	21 16	2 22	2 58
S 27	23 18	12 8	1 49	24 8	1 53	23 43	0 25	5 17	2 6	5 47	1 19	22 11	0 39	21 48	0 5	4 53	1 31	22 45	6 49	19 30	19 12	21 14	2 23	2 58
S 28	23 15	7 7	2 47	23 53	1 55	23 42	0 27	5 32	2 6	5 48	1 19	22 12	0 39	21 49	0 5	4 53	1 31	22 44	6 49	19 30	19 12	21 12	2 24	2 57
M29	23 12	1 47	3 40	23 36	1 55	23 40	0 29	5 48	2 7	5 49	1 19	22 12	0 39	21 49	0 5	4 54	1 31	22 44	6 49	19 30	19 13	21 9	2 25	2 56
T 30	23n 9	3n42	4n23	23n18	1n55	23n37	0n32	6n 3	2s 7	5s50	1n18	22s13	0n38	21n50	0s 5	4n54	1s31	22n43	6n49	19s29	19s14	21s 7	2s26	2s56

Julian Day Number = 2522918.5, Delta T = 158.58 sec
Ecliptic obliquity = 23°24'55, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°28'16, Lahiri = 26°35'17

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2195
geocentric

JULY 2195 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 36 33	9♋22'05	11♈48	25♋14	10♋27	21♈15	18♎ 2	12°R14	9♊55	16♈ 2	15♌23	2°R54	3♒58	27♑57	29♍25	W 1
T 2	18 40 29	10°19'18	24°46	27° 4	11°41	21°57	18° 5	12♑ 9	9°59	16° 2	15°24	2♒54	3°55	28° 3	29°29	T 2
F 3	18 44 26	11°16'32	8♉10	28°52	12°54	22°38	18° 8	12° 5	10° 2	16° 3	15°26	2°52	3°52	28°10	29°33	F 3
S 4	18 48 23	12°13'46	22° 1	0♌39	14° 8	23°20	18°11	12° 1	10° 5	16° 3	15°27	2°50	3°49	28°17	29°37	S 4
S 5	18 52 19	13°11'00	6♊19	2°23	15°22	24° 1	18°15	11°56	10° 8	16° 4	15°29	2°47	3°46	28°23	29°41	S 5
M 6	18 56 16	14° 8'14	21° 1	4° 4	16°36	24°43	18°18	11°52	10°11	16° 4	15°30	2°45	3°42	28°30	29°46	M 6
T 7	19 0 12	15° 5'28	6♋ 0	5°44	17°50	25°24	18°22	11°47	10°14	16° 5	15°32	2°43	3°39	28°36	29°50	T 7
W 8	19 4 9	16° 2'43	21° 8	7°22	19° 3	26° 5	18°26	11°43	10°17	16° 5	15°33	2°42	3°36	28°43	29°55	W 8
T 9	19 8 5	16°59'57	6♌17	8°57	20°17	26°46	18°30	11°39	10°20	16° 5	15°35	2°D42	3°33	28°50	29°59	T 9
F 10	19 12 2	17°57'11	21°16	10°30	21°31	27°27	18°35	11°34	10°23	16° 6	15°37	2°42	3°30	28°56	0♎ 4	F 10
S 11	19 15 59	18°54'24	5♍59	12° 1	22°45	28° 8	18°39	11°30	10°26	16° 6	15°38	2°43	3°27	29° 3	0° 9	S 11
S 12	19 19 55	19°51'38	20°21	13°30	23°58	28°49	18°44	11°25	10°29	16° 6	15°40	2°44	3°23	29°10	0°14	S 12
M13	19 23 52	20°48'51	4♎18	14°57	25°12	29°30	18°49	11°21	10°32	16° 7	15°42	2°45	3°20	29°16	0°19	M13
T 14	19 27 48	21°46'05	17°51	16°21	26°26	0♉10	18°54	11°17	10°35	16° 7	15°43	2°R45	3°17	29°23	0°24	T 14
W15	19 31 45	22°43'18	1♏ 1	17°43	27°40	0°50	18°59	11°13	10°37	16° 7	15°45	2°45	3°14	29°30	0°29	W15
T 16	19 35 41	23°40'31	13°50	19° 3	28°54	1°30	19° 4	11° 8	10°40	16° 7	15°47	2°45	3°11	29°36	0°34	T 16
F 17	19 39 38	24°37'44	26°21	20°21	0♌ 8	2°11	19°10	11° 4	10°43	16° 7	15°48	2°44	3° 8	29°43	0°39	F 17
S 18	19 43 34	25°34'58	8♐38	21°35	1°21	2°50	19°15	11° 0	10°46	16° 7	15°50	2°43	3° 4	29°50	0°45	S 18
S 19	19 47 31	26°32'11	20°44	22°48	2°35	3°30	19°21	10°56	10°48	16°R 7	15°52	2°42	3° 1	29°56	0°50	S 19
M20	19 51 28	27°29'25	2♑42	23°58	3°49	4°10	19°27	10°51	10°51	16° 7	15°53	2°41	2°58	0♒ 3	0°56	M20
T 21	19 55 24	28°26'39	14°33	25° 5	5° 3	4°49	19°33	10°47	10°54	16° 7	15°55	2°41	2°55	0°10	1° 2	T 21
W22	19 59 21	29°23'53	26°22	26°10	6°17	5°29	19°39	10°43	10°56	16° 7	15°57	2°41	2°52	0°16	1° 7	W22
T 23	20 3 17	0♌21'07	8♒10	27°12	7°30	6° 8	19°45	10°39	10°59	16° 7	15°59	2°D41	2°48	0°23	1°13	T 23
F 24	20 7 14	1°18'22	19°59	28°11	8°44	6°47	19°52	10°35	11° 1	16° 7	16° 0	2°41	2°45	0°29	1°19	F 24
S 25	20 11 10	2°15'38	1♓52	29° 7	9°58	7°26	19°58	10°31	11° 4	16° 7	16° 2	2°R41	2°42	0°36	1°25	S 25
S 26	20 15 7	3°12'54	13°51	29°59	11°12	8° 5	20° 5	10°27	11° 6	16° 7	16° 4	2°41	2°39	0°43	1°31	S 26
M27	20 19 3	4°10'11	26° 0	0♍49	12°26	8°43	20°12	10°24	11° 9	16° 6	16° 6	2°41	2°36	0°49	1°37	M27
T 28	20 23 0	5° 7'29	8♈21	1°35	13°40	9°22	20°19	10°20	11°11	16° 6	16° 7	2°41	2°33	0°56	1°43	T 28
W29	20 26 57	6° 4'48	20°58	2°18	14°54	10° 0	20°26	10°16	11°14	16° 6	16° 9	2°40	2°29	1° 3	1°50	W29
T 30	20 30 53	7° 2'07	3♉54	2°57	16° 7	10°38	20°33	10°12	11°16	16° 5	16°11	2°D40	2°26	1° 9	1°56	T 30
F 31	20 34 50	7♌59'28	17♉12	3♍32	17♌21	11♉16	20♎40	10♑ 9	11♊18	16♈ 5	16♌13	2♒40	2♒23	1♒16	2♎ 2	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23n 5	9n11	4n54	22n57	1n55	23n34	0n34	6n19	2s 7	5s52	1n18	22s13	0n38	21n50	0s 5	4n54	1s31	22n43	6n49	19s29	19s15	21s 5	2s27	2s55
T 2	23 1	14 25	5 12	22 35	1 53	23 30	0 36	6 34	2 8	5 53	1 18	22 13	0 38	21 50	0 5	4 54	1 31	22 42	6 49	19 30	19 15	21 3	2 28	2 55
F 3	22 56	19 10	5 14	22 11	1 51	23 25	0 38	6 49	2 8	5 55	1 17	22 14	0 38	21 51	0 5	4 54	1 31	22 42	6 49	19 30	19 16	21 1	2 29	2 54
S 4	22 51	23 3	4 58	21 46	1 49	23 20	0 40	7 4	2 8	5 56	1 17	22 14	0 38	21 51	0 5	4 55	1 31	22 41	6 49	19 30	19 17	20 58	2 30	2 53
S 5	22 46	25 40	4 23	21 19	1 45	23 14	0 42	7 19	2 8	5 58	1 17	22 15	0 38	21 52	0 5	4 55	1 31	22 41	6 49	19 31	19 18	20 56	2 31	2 53
M 6	22 40	26 37	3 31	20 52	1 41	23 7	0 44	7 34	2 8	5 59	1 17	22 15	0 38	21 52	0 5	4 55	1 31	22 40	6 49	19 32	19 18	20 54	2 32	2 52
T 7	22 34	25 39	2 22	20 23	1 37	23 0	0 46	7 49	2 9	6 1	1 16	22 16	0 38	21 53	0 5	4 55	1 31	22 40	6 49	19 32	19 19	20 52	2 33	2 51
W 8	22 27	22 48	1 4	19 53	1 32	22 52	0 48	8 4	2 9	6 3	1 16	22 16	0 38	21 53	0 5	4 55	1 31	22 39	6 49	19 32	19 20	20 50	2 35	2 51
T 9	22 20	18 22	0s20	19 23	1 26	22 43	0 50	8 18	2 9	6 5	1 16	22 17	0 38	21 54	0 5	4 55	1 31	22 39	6 49	19 32	19 20	20 47	2 36	2 50
F 10	22 13	12 48	1 41	18 52	1 20	22 33	0 52	8 33	2 9	6 6	1 16	22 17	0 38	21 54	0 5	4 55	1 31	22 38	6 49	19 32	19 21	20 45	2 37	2 50
S 11	22 5	6 36	2 54	18 20	1 13	22 23	0 54	8 47	2 9	6 8	1 15	22 18	0 37	21 55	0 5	4 55	1 31	22 38	6 49	19 32	19 22	20 43	2 39	2 49
S 12	21 57	0 14	3 54	17 48	1 6	22 13	0 56	9 2	2 9	6 10	1 15	22 18	0 37	21 55	0 5	4 55	1 31	22 37	6 49	19 32	19 23	20 41	2 40	2 48
M13	21 48	5s58	4 39	17 16	0 58	22 1	0 58	9 16	2 9	6 12	1 15	22 19	0 37	21 55	0 5	4 55	1 32	22 37	6 49	19 32	19 23	20 38	2 41	2 48
T 14	21 39	11 43	5 7	16 43	0 50	21 49	1 0	9 30	2 9	6 15	1 15	22 19	0 37	21 56	0 5	4 55	1 32	22 36	6 49	19 31	19 24	20 36	2 43	2 47
W15	21 30	16 46	5 17	16 10	0 41	21 37	1 1	9 44	2 9	6 17	1 14	22 20	0 37	21 56	0 5	4 55	1 32	22 36	6 49	19 31	19 25	20 34	2 44	2 47
T 16	21 21	20 55	5 11	15 37	0 32	21 23	1 3	9 58	2 10	6 19	1 14	22 20	0 37	21 57	0 5	4 55	1 32	22 35	6 49	19 32	19 26	20 32	2 46	2 46
F 17	21 11	24 2	4 51	15 3	0 23	21 9	1 5	10 11	2 10	6 21	1 14	22 20	0 37	21 57	0 5	4 55	1 32	22 34	6 49	19 32	19 26	20 29	2 48	2 45
S 18	21 0	25 57	4 17	14 30	0 13	20 55	1 6	10 25	2 10	6 23	1 14	22 21	0 37	21 57	0 5	4 55	1 32	22 34	6 49	19 32	19 27	20 27	2 49	2 45
S 19	20 50	26 37	3 33	13 57	0 3	20 40	1 8	10 38	2 10	6 26	1 13	22 21	0 37	21 58	0 5	4 55	1 32	22 33	6 49	19 32	19 28	20 25	2 51	2 44
M20	20 38	26 2	2 39	13 24	0s 7	20 24	1 9	10 52	2 10	6 28	1 13	22 22	0 37	21 58	0 5	4 55	1 32	22 33	6 49	19 32	19 29	20 23	2 52	2 44
T 21	20 27	24 16	1 39	12 51	0 18	20 8	1 11	11 5	2 10	6 31	1 13	22 22	0 36	21 59	0 5	4 55	1 32	22 32	6 49	19 32	19 29	20 20	2 54	2 43
W22	20 15	21 26	0 35	12 19	0 30	19 51	1 12	11 18	2 10	6 33	1 13	22 23	0 36	21 59	0 5	4 55	1 32	22 32	6 49	19 32	19 30	20 18	2 56	2 43
T 23	20 3	17 43	0n30	11 47	0 41	19 33	1 13	11 31	2 9	6 36	1 13	22 23	0 36	21 59	0 5	4 55	1 32	22 31	6 49	19 32	19 31	20 16	2 58	2 42
F 24	19 51	13 18	1 35	11 16	0 53	19 15	1 15	11 44	2 9	6 38	1 12	22 24	0 36	22 0	0 5	4 55	1 32	22 31	6 49	19 32	19 31	20 13	3 0	2 42
S 25	19 38	8 23	2 35	10 46	1 5	18 57	1 16	11 56	2 9	6 41	1 12	22 24	0 36	22 0	0 5	4 55	1 32	22 30	6 49	19 32	19 32	20 11	3 2	2 41
S 26	19 25	3 7	3 29	10 16	1 17	18 38	1 17	12 9	2 9	6 44	1 12	22 24	0 36	22 0	0 5	4 55	1 32	22 30	6 49	19 32	19 33	20 9	3 3	2 40
M27	19 12	2n19	4 15	9 47	1 29	18 18	1 18	12 21	2 9	6 47	1 12	22 25	0 36	22 1	0 5	4 54	1 32	22 29	6 49	19 32	19 34	20 7	3 5	2 40
T 28	18 58	7 44	4 50	9 19	1 42	17 58	1 19	12 34	2 9	6 49	1 11	22 25	0 36	22 1	0 5	4 54	1 32	22 29	6 49	19 33	19 34	20 4	3 7	2 39
W29	18 44	12 58	5 11	8 52	1 55	17 38	1 20	12 46	2 9	6 52	1 11	22 26	0 36	22 1	0 5	4 54	1 32	22 28	6 49	19 33	19 35	20 2	3 9	2 39
T 30	18 30	17 47	5 18	8 26	2 7	17 17	1 21	12 58	2 9	6 55	1 11	22 26	0 36	22 2	0 5	4 54	1 33	22 28	6 49	19 33	19 36	20 0	3 11	2 38
F 31	18n15	21n52	5n 8	8n 1	2s20	16n55	1n22	13n10	2s 8	6s58	1n11	22s26	0n35	22n 2	0s 5	4n54	1s33	22n27	6n49	19s33	19s37	19s57	3s13	2s38

Julian Day Number = 2522948.5, Delta T = 158.66 sec
Ecliptic obliquity = 23°24'55, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°28'20, Lahiri = 26°35'21

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2195
geocentric

AUGUST 2195 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 38 46	8♌56'50	0♊55	4♍ 3	18♌35	11♉54	20♎48	10°R 5	11♊20	16°R 5	16♌14	2♒41	2♒20	1♒23	2♎ 9	S 1
S 2	20 42 43	9°54'13	15° 2	4°30	19°49	12°32	20°55	10♑ 1	11°23	16♈ 4	16°16	2°41	2°17	1°29	2°16	S 2
M 3	20 46 39	10°51'36	29°33	4°53	21° 3	13° 9	21° 3	9°58	11°25	16° 4	16°18	2°42	2°13	1°36	2°22	M 3
T 4	20 50 36	11°49'01	14♋24	5°11	22°17	13°46	21°11	9°55	11°27	16° 3	16°20	2°42	2°10	1°43	2°29	T 4
W 5	20 54 32	12°46'27	29°28	5°24	23°31	14°23	21°19	9°51	11°29	16° 3	16°22	2°R43	2° 7	1°49	2°36	W 5
T 6	20 58 29	13°43'54	14♌38	5°32	24°45	15° 0	21°27	9°48	11°31	16° 2	16°23	2°42	2° 4	1°56	2°42	T 6
F 7	21 2 26	14°41'22	29°44	5°R36	25°59	15°37	21°35	9°45	11°33	16° 2	16°25	2°42	2° 1	2° 2	2°49	F 7
S 8	21 6 22	15°38'50	14♍37	5°34	27°13	16°13	21°43	9°42	11°35	16° 1	16°27	2°40	1°58	2° 9	2°56	S 8
S 9	21 10 19	16°36'19	29° 9	5°27	28°27	16°49	21°52	9°38	11°37	16° 0	16°29	2°39	1°54	2°16	3° 3	S 9
M10	21 14 15	17°33'49	13♎17	5°14	29°40	17°25	22° 0	9°35	11°39	16° 0	16°31	2°37	1°51	2°22	3°10	M10
T 11	21 18 12	18°31'20	26°58	4°56	0♍54	18° 1	22° 9	9°32	11°41	15°59	16°32	2°36	1°48	2°29	3°18	T 11
W12	21 22 8	19°28'51	10♏11	4°33	2° 8	18°36	22°18	9°30	11°43	15°58	16°34	2°35	1°45	2°36	3°25	W12
T 13	21 26 5	20°26'23	23° 1	4° 5	3°22	19°12	22°27	9°27	11°44	15°58	16°36	2°D34	1°42	2°42	3°32	T 13
F 14	21 30 1	21°23'57	5♐29	3°32	4°36	19°47	22°36	9°24	11°46	15°57	16°38	2°35	1°39	2°49	3°39	F 14
S 15	21 33 58	22°21'31	17°41	2°55	5°50	20°21	22°45	9°21	11°48	15°56	16°40	2°36	1°35	2°56	3°47	S 15
S 16	21 37 55	23°19'06	29°41	2°14	7° 4	20°56	22°54	9°19	11°49	15°55	16°41	2°38	1°32	3° 2	3°54	S 16
M17	21 41 51	24°16'42	11♑33	1°29	8°18	21°30	23° 3	9°16	11°51	15°54	16°43	2°39	1°29	3° 9	4° 2	M17
T 18	21 45 48	25°14'19	23°21	0°41	9°32	22° 4	23°13	9°14	11°52	15°53	16°45	2°40	1°26	3°16	4° 9	T 18
W19	21 49 44	26°11'57	5♒ 9	29♌51	10°46	22°38	23°22	9°12	11°54	15°53	16°47	2°R41	1°23	3°22	4°17	W19
T 20	21 53 41	27° 9'36	16°58	29° 0	12° 0	23°12	23°32	9° 9	11°55	15°52	16°48	2°40	1°19	3°29	4°24	T 20
F 21	21 57 37	28° 7'16	28°53	28° 9	13°14	23°45	23°41	9° 7	11°57	15°51	16°50	2°38	1°16	3°36	4°32	F 21
S 22	22 1 34	29° 4'58	10♓55	27°19	14°27	24°18	23°51	9° 5	11°58	15°50	16°52	2°35	1°13	3°42	4°40	S 22
S 23	22 5 30	0♍ 2'41	23° 5	26°31	15°41	24°50	24° 1	9° 3	11°59	15°49	16°54	2°30	1°10	3°49	4°47	S 23
M24	22 9 27	1° 0'25	5♈25	25°45	16°55	25°23	24°11	9° 1	12° 1	15°48	16°56	2°26	1° 7	3°55	4°55	M24
T 25	22 13 24	1°58'11	17°57	25° 4	18° 9	25°55	24°21	9° 0	12° 2	15°46	16°57	2°21	1° 4	4° 2	5° 3	T 25
W26	22 17 20	2°55'59	0♉43	24°27	19°23	26°27	24°31	8°58	12° 3	15°45	16°59	2°17	1° 0	4° 9	5°11	W26
T 27	22 21 17	3°53'48	13°43	23°56	20°37	26°58	24°41	8°56	12° 4	15°44	17° 1	2°14	0°57	4°15	5°19	T 27
F 28	22 25 13	4°51'39	27° 1	23°31	21°51	27°30	24°52	8°55	12° 5	15°43	17° 3	2°13	0°54	4°22	5°27	F 28
S 29	22 29 10	5°49'32	10♊37	23°13	23° 5	28° 1	25° 2	8°53	12° 6	15°42	17° 4	2°D12	0°51	4°29	5°35	S 29
S 30	22 33 6	6°47'27	24°33	23° 2	24°19	28°31	25°13	8°52	12° 7	15°41	17° 6	2°13	0°48	4°35	5°43	S 30
M31	22 37 3	7♍45'23	8♋48	22°D59	25♍32	29♉ 1	25♎23	8♑51	12♊ 8	15♈39	17♌ 8	2♒15	0♒45	4♒42	5♎51	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18n 0	24n53	4n40	7n38	2s33	16n33	1n23	13n21	2s 8	7s 1	1n11	22s27	0n35	22n 2	0s 5	4n54	1s33	22n27	6n49	19s33	19s37	19s55	3s16	2s37
S 2	17 45	26 28	3 55	7 16	2 46	16 11	1 24	13 33	2 8	7 4	1 10	22 27	0 35	22 3	0 5	4 53	1 33	22 26	6 49	19 32	19 38	19 53	3 18	2 37
M 3	17 29	26 19	2 54	6 56	2 58	15 48	1 24	13 44	2 8	7 7	1 10	22 28	0 35	22 3	0 5	4 53	1 33	22 26	6 49	19 32	19 39	19 50	3 20	2 36
T 4	17 14	24 18	1 40	6 38	3 11	15 24	1 25	13 56	2 8	7 10	1 10	22 28	0 35	22 3	0 5	4 53	1 33	22 25	6 49	19 32	19 39	19 48	3 22	2 36
W 5	16 58	20 32	0 18	6 22	3 23	15 1	1 25	14 7	2 7	7 14	1 10	22 28	0 35	22 3	0 5	4 53	1 33	22 25	6 49	19 32	19 40	19 46	3 24	2 35
T 6	16 41	15 23	1s 6	6 8	3 35	14 37	1 26	14 18	2 7	7 17	1 10	22 29	0 35	22 4	0 5	4 52	1 33	22 24	6 49	19 32	19 41	19 43	3 27	2 35
F 7	16 25	9 18	2 24	5 56	3 46	14 12	1 26	14 28	2 7	7 20	1 9	22 29	0 35	22 4	0 5	4 52	1 33	22 24	6 49	19 32	19 42	19 41	3 29	2 34
S 8	16 8	2 47	3 32	5 47	3 57	13 47	1 27	14 39	2 6	7 23	1 9	22 29	0 34	22 4	0 5	4 52	1 33	22 23	6 49	19 33	19 42	19 39	3 31	2 34
S 9	15 51	3s42	4 24	5 40	4 8	13 22	1 27	14 50	2 6	7 27	1 9	22 30	0 34	22 5	0 5	4 52	1 33	22 23	6 49	19 33	19 43	19 36	3 33	2 33
M10	15 33	9 49	4 59	5 35	4 17	12 56	1 27	15 0	2 6	7 30	1 9	22 30	0 34	22 5	0 5	4 51	1 33	22 22	6 50	19 33	19 44	19 34	3 36	2 33
T 11	15 16	15 16	5 15	5 34	4 26	12 30	1 27	15 10	2 5	7 33	1 8	22 30	0 34	22 5	0 5	4 51	1 33	22 22	6 50	19 34	19 44	19 32	3 38	2 32
W12	14 58	19 49	5 14	5 35	4 33	12 4	1 28	15 20	2 5	7 37	1 8	22 31	0 34	22 5	0 5	4 51	1 33	22 21	6 50	19 34	19 45	19 29	3 41	2 32
T 13	14 40	23 17	4 57	5 39	4 39	11 37	1 28	15 30	2 5	7 40	1 8	22 31	0 34	22 6	0 5	4 50	1 33	22 21	6 50	19 34	19 46	19 27	3 43	2 31
F 14	14 21	25 33	4 26	5 46	4 44	11 10	1 28	15 40	2 4	7 44	1 8	22 31	0 34	22 6	0 5	4 50	1 33	22 20	6 50	19 34	19 46	19 24	3 46	2 31
S 15	14 3	26 33	3 44	5 56	4 48	10 43	1 27	15 50	2 4	7 47	1 8	22 32	0 34	22 6	0 5	4 50	1 33	22 20	6 50	19 34	19 47	19 22	3 48	2 30
S 16	13 44	26 17	2 52	6 9	4 50	10 16	1 27	15 59	2 3	7 51	1 8	22 32	0 33	22 6	0 5	4 49	1 33	22 19	6 50	19 33	19 48	19 20	3 51	2 30
M17	13 25	24 48	1 54	6 25	4 50	9 48	1 27	16 9	2 3	7 55	1 7	22 32	0 33	22 6	0 5	4 49	1 33	22 19	6 50	19 33	19 49	19 17	3 53	2 29
T 18	13 6	22 14	0 51	6 43	4 49	9 20	1 27	16 18	2 2	7 58	1 7	22 32	0 33	22 7	0 5	4 48	1 33	22 19	6 50	19 33	19 49	19 15	3 56	2 29
W19	12 46	18 45	0n14	7 3	4 45	8 51	1 26	16 27	2 2	8 2	1 7	22 33	0 33	22 7	0 5	4 48	1 34	22 18	6 50	19 32	19 50	19 12	3 58	2 29
T 20	12 27	14 30	1 18	7 26	4 40	8 23	1 26	16 36	2 1	8 6	1 7	22 33	0 33	22 7	0 5	4 48	1 34	22 18	6 50	19 33	19 51	19 10	4 1	2 28
F 21	12 7	9 40	2 19	7 50	4 33	7 54	1 26	16 44	2 1	8 9	1 7	22 33	0 33	22 7	0 5	4 47	1 34	22 17	6 51	19 33	19 51	19 8	4 4	2 28
S 22	11 47	4 28	3 15	8 16	4 24	7 25	1 25	16 53	2 0	8 13	1 6	22 34	0 33	22 7	0 5	4 47	1 34	22 17	6 51	19 34	19 52	19 5	4 6	2 27
S 23	11 27	0n58	4 2	8 42	4 13	6 56	1 24	17 1	2 0	8 17	1 6	22 34	0 33	22 8	0 5	4 46	1 34	22 16	6 51	19 35	19 53	19 3	4 9	2 27
M24	11 6	6 25	4 39	9 9	4 0	6 27	1 24	17 10	1 59	8 21	1 6	22 34	0 32	22 8	0 5	4 46	1 34	22 16	6 51	19 36	19 53	19 0	4 12	2 26
T 25	10 46	11 42	5 3	9 36	3 46	5 57	1 23	17 18	1 58	8 24	1 6	22 34	0 32	22 8	0 5	4 45	1 34	22 15	6 51	19 37	19 54	18 58	4 14	2 26
W26	10 25	16 35	5 13	10 2	3 31	5 27	1 22	17 26	1 58	8 28	1 6	22 35	0 32	22 8	0 5	4 45	1 34	22 15	6 51	19 38	19 55	18 56	4 17	2 26
T 27	10 4	20 49	5 7	10 28	3 15	4 58	1 21	17 34	1 57	8 32	1 6	22 35	0 32	22 8	0 5	4 45	1 34	22 15	6 51	19 39	19 56	18 53	4 20	2 25
F 28	9 43	24 5	4 44	10 52	2 58	4 28	1 20	17 42	1 56	8 36	1 5	22 35	0 32	22 8	0 5	4 44	1 34	22 14	6 51	19 39	19 56	18 51	4 23	2 25
S 29	9 22	26 4	4 5	11 15	2 40	3 57	1 19	17 49	1 56	8 40	1 5	22 35	0 32	22 9	0 5	4 44	1 34	22 14	6 51	19 39	19 57	18 48	4 25	2 24
S 30	9 1	26 29	3 11	11 35	2 22	3 27	1 18	17 57	1 55	8 44	1 5	22 35	0 32	22 9	0 5	4 43	1 34	22 13	6 52	19 39	19 58	18 46	4 28	2 24
M31	8n39	25n12	2n 5	11n54	2s 3	2n57	1n17	18n 4	1s54	8s48	1n 5	22s36	0n32	22n 9	0s 5	4n43	1s34	22n13	6n52	19s38	19s58	18s43	4s31	2s23

Julian Day Number = 2522979.5, Delta T = 158.74 sec
Ecliptic obliquity = 23°24'55, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°28'24, Lahiri = 26°35'25

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2195
geocentric

SEPTEMBER 2195 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 40 59	8♍43'22	23♋22	23♌ 4	26♍46	29♉31	25♎34	8°R49	12♊ 9	15°R38	17♌ 9	2♒16	0♒41	4♒49	5♎59	T 1
W 2	22 44 56	9°41'22	8♌ 9	23°18	28° 0	0♊ 1	25°45	8♏48	12°10	15♈37	17°11	2°R16	0°38	4°55	6° 8	W 2
T 3	22 48 53	10°39'24	23° 5	23°40	29°14	0°30	25°55	8°47	12°10	15°36	17°13	2°14	0°35	5° 2	6°16	T 3
F 4	22 52 49	11°37'27	8♍ 2	24°10	0♎28	0°59	26° 6	8°47	12°11	15°34	17°14	2°11	0°32	5° 9	6°24	F 4
S 5	22 56 46	12°35'32	22°52	24°48	1°42	1°27	26°17	8°46	12°12	15°33	17°16	2° 6	0°29	5°15	6°32	S 5
S 6	23 0 42	13°33'39	7♎25	25°34	2°56	1°55	26°28	8°45	12°12	15°32	17°18	2° 0	0°25	5°22	6°41	S 6
M 7	23 4 39	14°31'47	21°37	26°27	4°10	2°23	26°39	8°44	12°13	15°30	17°19	1°53	0°22	5°28	6°49	M 7
T 8	23 8 35	15°29'57	5♏22	27°28	5°23	2°50	26°51	8°44	12°13	15°29	17°21	1°47	0°19	5°35	6°57	T 8
W 9	23 12 32	16°28'08	18°41	28°36	6°37	3°17	27° 2	8°44	12°14	15°28	17°23	1°42	0°16	5°42	7° 6	W 9
T 10	23 16 28	17°26'21	1♐33	29°50	7°51	3°43	27°13	8°43	12°14	15°26	17°24	1°39	0°13	5°48	7°14	T 10
F 11	23 20 25	18°24'36	14° 3	1♑10	9° 5	4° 9	27°25	8°43	12°15	15°25	17°26	1°D38	0°10	5°55	7°23	F 11
S 12	23 24 21	19°22'51	26°15	2°35	10°19	4°35	27°36	8°43	12°15	15°23	17°27	1°38	0° 6	6° 2	7°31	S 12
S 13	23 28 18	20°21'09	8♑13	4° 6	11°33	5° 0	27°47	8°D43	12°15	15°22	17°29	1°39	0° 3	6° 8	7°40	S 13
M14	23 32 15	21°19'28	20° 3	5°40	12°46	5°24	27°59	8°43	12°15	15°20	17°31	1°40	0° 0	6°15	7°48	M14
T 15	23 36 11	22°17'48	1♒50	7°19	14° 0	5°49	28°11	8°43	12°16	15°19	17°32	1°R41	29♑57	6°22	7°57	T 15
W16	23 40 8	23°16'10	13°39	9° 0	15°14	6°12	28°22	8°43	12°16	15°17	17°34	1°40	29°54	6°28	8° 5	W16
T 17	23 44 4	24°14'34	25°33	10°45	16°28	6°36	28°34	8°44	12°R16	15°16	17°35	1°37	29°51	6°35	8°14	T 17
F 18	23 48 1	25°12'59	7♓36	12°31	17°42	6°58	28°46	8°44	12°16	15°14	17°37	1°32	29°47	6°42	8°23	F 18
S 19	23 51 57	26°11'26	19°49	14°19	18°55	7°21	28°58	8°45	12°16	15°13	17°38	1°24	29°44	6°48	8°31	S 19
S 20	23 55 54	27° 9'55	2♈14	16° 9	20° 9	7°42	29°10	8°46	12°16	15°11	17°40	1°15	29°41	6°55	8°40	S 20
M21	23 59 50	28° 8'26	14°51	18° 0	21°23	8° 4	29°22	8°46	12°15	15°10	17°41	1° 5	29°38	7° 1	8°49	M21
T 22	0 3 47	29° 6'58	27°42	19°51	22°37	8°24	29°34	8°47	12°15	15° 8	17°42	0°55	29°35	7° 8	8°57	T 22
W23	0 7 44	0♎ 5'33	10♉44	21°42	23°50	8°44	29°46	8°48	12°15	15° 6	17°44	0°45	29°31	7°15	9° 6	W23
T 24	0 11 40	1° 4'10	23°58	23°34	25° 4	9° 4	29°58	8°49	12°15	15° 5	17°45	0°38	29°28	7°21	9°15	T 24
F 25	0 15 37	2° 2'50	7♊25	25°26	26°18	9°23	0♏10	8°50	12°14	15° 3	17°47	0°33	29°25	7°28	9°23	F 25
S 26	0 19 33	3° 1'31	21° 3	27°18	27°31	9°41	0°22	8°52	12°14	15° 2	17°48	0°30	29°22	7°35	9°32	S 26
S 27	0 23 30	4° 0'15	4♋54	29° 9	28°45	9°59	0°35	8°53	12°13	15° 0	17°49	0°D30	29°19	7°41	9°41	S 27
M28	0 27 26	4°59'01	18°58	0♎59	29°59	10°16	0°47	8°54	12°13	14°58	17°51	0°30	29°16	7°48	9°50	M28
T 29	0 31 23	5°57'50	3♌13	2°49	1♏12	10°33	0°59	8°56	12°12	14°57	17°52	0°R30	29°12	7°55	9°58	T 29
W30	0 35 19	6♎56'40	17♌39	4♎39	2♏26	10♊49	1♏12	8♏58	12♊12	14♈55	17♌53	0♒29	29♑ 9	8♒ 1	10♎ 7	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n17	22n12	0n48	12n10	1s45	2n26	1n16	18n11	1s53	8s52	1n 5	22s36	0n31	22n 9	0s 5	4n42	1s34	22n12	6n52	19s38	19s59	18s41	4s34	2s23
W 2	7 56	17 42	0s32	12 23	1 26	1 56	1 14	18 18	1 52	8 56	1 5	22 36	0 31	22 9	0 5	4 42	1 34	22 12	6 52	19 38	20 0	18 39	4 37	2 23
T 3	7 34	12 4	1 51	12 33	1 8	1 25	1 13	18 25	1 52	9 0	1 5	22 36	0 31	22 9	0 5	4 41	1 34	22 12	6 52	19 38	20 0	18 36	4 40	2 22
F 4	7 12	5 44	3 2	12 40	0 51	0 55	1 12	18 32	1 51	9 4	1 4	22 36	0 31	22 9	0 5	4 41	1 34	22 11	6 52	19 39	20 1	18 34	4 43	2 22
S 5	6 50	0s51	4 0	12 43	0 33	0 24	1 10	18 38	1 50	9 8	1 4	22 37	0 31	22 9	0 5	4 40	1 34	22 11	6 52	19 40	20 2	18 31	4 46	2 22
S 6	6 27	7 15	4 42	12 43	0 17	0s 7	1 9	18 45	1 49	9 12	1 4	22 37	0 31	22 9	0 5	4 39	1 34	22 11	6 53	19 42	20 2	18 29	4 49	2 21
M 7	6 5	13 7	5 5	12 40	0 1	0 38	1 7	18 51	1 48	9 17	1 4	22 37	0 31	22 10	0 5	4 39	1 34	22 10	6 53	19 43	20 3	18 26	4 51	2 21
T 8	5 43	18 9	5 9	12 33	0n13	1 8	1 5	18 57	1 47	9 21	1 4	22 37	0 31	22 10	0 5	4 38	1 34	22 10	6 53	19 45	20 4	18 24	4 54	2 20
W 9	5 20	22 6	4 56	12 22	0 27	1 39	1 4	19 3	1 46	9 25	1 4	22 37	0 30	22 10	0 5	4 38	1 34	22 9	6 53	19 46	20 4	18 21	4 57	2 20
T 10	4 57	24 50	4 29	12 8	0 40	2 10	1 2	19 9	1 45	9 29	1 4	22 37	0 30	22 10	0 5	4 37	1 34	22 9	6 53	19 46	20 5	18 19	5 0	2 20
F 11	4 35	26 15	3 49	11 51	0 51	2 41	1 0	19 15	1 44	9 33	1 3	22 38	0 30	22 10	0 5	4 37	1 34	22 9	6 53	19 47	20 6	18 16	5 3	2 19
S 12	4 12	26 21	3 0	11 30	1 2	3 11	0 58	19 21	1 43	9 37	1 3	22 38	0 30	22 10	0 5	4 36	1 34	22 8	6 54	19 47	20 6	18 14	5 6	2 19
S 13	3 49	25 13	2 3	11 6	1 11	3 42	0 56	19 26	1 42	9 42	1 3	22 38	0 30	22 10	0 5	4 35	1 34	22 8	6 54	19 46	20 7	18 11	5 10	2 19
M14	3 26	22 57	1 2	10 39	1 20	4 12	0 54	19 32	1 41	9 46	1 3	22 38	0 30	22 10	0 5	4 35	1 35	22 8	6 54	19 46	20 8	18 9	5 13	2 18
T 15	3 3	19 43	0n 1	10 10	1 27	4 43	0 52	19 37	1 40	9 50	1 3	22 38	0 30	22 10	0 5	4 34	1 35	22 7	6 54	19 46	20 8	18 6	5 16	2 18
W16	2 40	15 41	1 4	9 38	1 33	5 13	0 50	19 42	1 38	9 54	1 3	22 38	0 30	22 10	0 5	4 34	1 35	22 7	6 54	19 46	20 9	18 4	5 19	2 17
T 17	2 17	11 2	2 5	9 3	1 38	5 44	0 48	19 47	1 37	9 59	1 3	22 38	0 29	22 10	0 5	4 33	1 35	22 7	6 54	19 47	20 10	18 1	5 22	2 17
F 18	1 54	5 55	3 1	8 26	1 42	6 14	0 46	19 53	1 36	10 3	1 3	22 38	0 29	22 10	0 5	4 32	1 35	22 7	6 55	19 48	20 10	17 59	5 25	2 17
S 19	1 31	0 31	3 49	7 47	1 46	6 44	0 44	19 57	1 35	10 7	1 2	22 39	0 29	22 10	0 5	4 32	1 35	22 6	6 55	19 50	20 11	17 56	5 28	2 16
S 20	1 8	4n58	4 27	7 7	1 48	7 14	0 41	20 2	1 33	10 12	1 2	22 39	0 29	22 10	0 5	4 31	1 35	22 6	6 55	19 52	20 12	17 54	5 31	2 16
M21	0 44	10 21	4 53	6 25	1 49	7 44	0 39	20 7	1 32	10 16	1 2	22 39	0 29	22 10	0 5	4 31	1 35	22 6	6 55	19 54	20 12	17 51	5 34	2 16
T 22	0 21	15 22	5 4	5 42	1 50	8 13	0 37	20 11	1 31	10 20	1 2	22 39	0 29	22 10	0 5	4 30	1 35	22 5	6 55	19 56	20 13	17 49	5 37	2 15
W23	0s 2	19 46	5 0	4 58	1 50	8 43	0 34	20 16	1 29	10 25	1 2	22 39	0 29	22 10	0 5	4 29	1 35	22 5	6 56	19 58	20 14	17 46	5 40	2 15
T 24	0 25	23 16	4 40	4 13	1 49	9 12	0 32	20 20	1 28	10 29	1 2	22 39	0 29	22 10	0 5	4 29	1 35	22 5	6 56	20 0	20 14	17 44	5 44	2 15
F 25	0 49	25 32	4 4	3 27	1 47	9 41	0 29	20 25	1 26	10 33	1 2	22 39	0 28	22 10	0 5	4 28	1 35	22 5	6 56	20 1	20 15	17 41	5 47	2 15
S 26	1 12	26 21	3 14	2 41	1 45	10 10	0 27	20 29	1 25	10 38	1 2	22 39	0 28	22 10	0 4	4 27	1 35	22 4	6 56	20 1	20 16	17 39	5 50	2 14
S 27	1 35	25 32	2 12	1 55	1 43	10 38	0 24	20 33	1 23	10 42	1 2	22 39	0 28	22 10	0 4	4 27	1 35	22 4	6 56	20 1	20 16	17 36	5 53	2 14
M28	1 59	23 5	1 1	1 8	1 39	11 7	0 22	20 37	1 22	10 47	1 1	22 39	0 28	22 10	0 4	4 26	1 35	22 4	6 57	20 1	20 17	17 34	5 56	2 14
T 29	2 22	19 11	0s14	0 21	1 36	11 35	0 19	20 41	1 20	10 51	1 1	22 39	0 28	22 10	0 4	4 25	1 35	22 4	6 57	20 1	20 18	17 31	5 59	2 13
W30	2s45	14n 6	1s30	0s26	1n32	12s 3	0n16	20n45	1s19	10s55	1n 1	22s39	0n28	22n 9	0s 4	4n25	1s35	22n 4	6n57	20s 2	20s18	17s28	6s 3	2s13

Julian Day Number = 2523010.5, Delta T = 158.82 sec
Ecliptic obliquity = 23°24'55, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°28'29, Lahiri = 26°35'29

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2195
geocentric

OCTOBER 2195 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 39 16	7♎55'33	2♍12	6♎27	3♏40	11♊ 4	1♏24	8♑59	12°R11	14°R53	17♌54	0°R26	29♑ 6	8♒ 8	10♎16	T 1
F 2	0 43 13	8°54'28	16°48	8°15	4°53	11°19	1°37	9° 1	12♊10	14♈52	17°56	0♒20	29° 3	8°15	10°25	F 2
S 3	0 47 9	9°53'25	1♎19	10° 2	6° 7	11°33	1°49	9° 3	12°10	14°50	17°57	0°11	29° 0	8°21	10°34	S 3
S 4	0 51 6	10°52'24	15°40	11°49	7°21	11°46	2° 2	9° 5	12° 9	14°48	17°58	0° 1	28°56	8°28	10°42	S 4
M 5	0 55 2	11°51'25	29°43	13°34	8°34	11°58	2°14	9° 7	12° 8	14°47	17°59	29♑49	28°53	8°35	10°51	M 5
T 6	0 58 59	12°50'28	13♏25	15°19	9°48	12°10	2°27	9°10	12° 7	14°45	18° 1	29°38	28°50	8°41	11° 0	T 6
W 7	1 2 55	13°49'33	26°42	17° 2	11° 1	12°21	2°40	9°12	12° 6	14°43	18° 2	29°29	28°47	8°48	11° 9	W 7
T 8	1 6 52	14°48'40	9♐35	18°45	12°15	12°31	2°53	9°14	12° 5	14°42	18° 3	29°21	28°44	8°54	11°17	T 8
F 9	1 10 48	15°47'49	22° 6	20°27	13°29	12°41	3° 5	9°17	12° 4	14°40	18° 4	29°17	28°41	9° 1	11°26	F 9
S 10	1 14 45	16°46'59	4♑19	22° 8	14°42	12°50	3°18	9°19	12° 3	14°38	18° 5	29°15	28°37	9° 8	11°35	S 10
S 11	1 18 42	17°46'11	16°18	23°49	15°56	12°58	3°31	9°22	12° 2	14°37	18° 6	29°D14	28°34	9°14	11°44	S 11
M12	1 22 38	18°45'25	28° 8	25°29	17° 9	13° 5	3°44	9°25	12° 1	14°35	18° 7	29°R14	28°31	9°21	11°53	M12
T 13	1 26 35	19°44'41	9♒56	27° 7	18°23	13°11	3°57	9°28	11°59	14°33	18° 8	29°14	28°28	9°28	12° 1	T 13
W14	1 30 31	20°43'58	21°46	28°45	19°36	13°17	4° 9	9°31	11°58	14°32	18° 9	29°12	28°25	9°34	12°10	W14
T 15	1 34 28	21°43'18	3♓44	0♏23	20°50	13°22	4°22	9°34	11°57	14°30	18°10	29° 8	28°22	9°41	12°19	T 15
F 16	1 38 24	22°42'39	15°53	1°59	22° 3	13°26	4°35	9°37	11°55	14°28	18°11	29° 1	28°18	9°48	12°27	F 16
S 17	1 42 21	23°42'01	28°17	3°35	23°17	13°29	4°48	9°40	11°54	14°27	18°12	28°51	28°15	9°54	12°36	S 17
S 18	1 46 17	24°41'26	10♈57	5°11	24°30	13°31	5° 1	9°43	11°52	14°25	18°13	28°39	28°12	10° 1	12°45	S 18
M19	1 50 14	25°40'53	23°54	6°45	25°43	13°32	5°14	9°47	11°51	14°23	18°14	28°26	28° 9	10° 8	12°53	M19
T 20	1 54 11	26°40'22	7♉ 6	8°19	26°57	13°R33	5°27	9°50	11°49	14°22	18°14	28°13	28° 6	10°14	13° 2	T 20
W21	1 58 7	27°39'53	20°32	9°52	28°10	13°33	5°40	9°54	11°48	14°20	18°15	28° 1	28° 2	10°21	13°11	W21
T 22	2 2 4	28°39'26	4♊ 9	11°25	29°24	13°32	5°53	9°57	11°46	14°19	18°16	27°51	27°59	10°28	13°19	T 22
F 23	2 6 0	29°39'01	17°55	12°57	0♐37	13°29	6° 6	10° 1	11°45	14°17	18°17	27°44	27°56	10°34	13°28	F 23
S 24	2 9 57	0♏38'39	1♋48	14°29	1°50	13°26	6°19	10° 5	11°43	14°15	18°18	27°40	27°53	10°41	13°37	S 24
S 25	2 13 53	1°38'19	15°46	15°59	3° 3	13°23	6°32	10° 9	11°41	14°14	18°18	27°39	27°50	10°47	13°45	S 25
M26	2 17 50	2°38'01	29°48	17°30	4°17	13°18	6°45	10°13	11°39	14°12	18°19	27°39	27°47	10°54	13°54	M26
T 27	2 21 46	3°37'45	13♌54	18°59	5°30	13°12	6°58	10°17	11°38	14°11	18°20	27°38	27°43	11° 1	14° 2	T 27
W28	2 25 43	4°37'32	28° 3	20°28	6°43	13° 5	7°12	10°21	11°36	14° 9	18°20	27°37	27°40	11° 7	14°11	W28
T 29	2 29 40	5°37'21	12♍13	21°57	7°57	12°58	7°25	10°25	11°34	14° 8	18°21	27°33	27°37	11°14	14°19	T 29
F 30	2 33 36	6°37'12	26°23	23°24	9°10	12°50	7°38	10°29	11°32	14° 6	18°21	27°26	27°34	11°21	14°27	F 30
S 31	2 37 33	7♏37'05	10♎28	24♏52	10♐23	12♊40	7♏51	10♑33	11♊30	14♈ 5	18♌22	27♑17	27♑31	11♒27	14♎36	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3s 8	8n11	2s40	1s13	1n27	12s31	0n14	20n49	1s17	11s 0	1n 1	22s39	0n28	22n 9	0s 4	4n24	1s35	22n 3	6n57	20s 2	20s19	17s26	6s 6	2s13
F 2	3 32	1 50	3 40	2 0	1 23	12 58	0 11	20 52	1 15	11 4	1 1	22 39	0 28	22 9	0 4	4 23	1 35	22 3	6 57	20 4	20 20	17 23	6 9	2 12
S 3	3 55	4s35	4 25	2 47	1 17	13 25	0 8	20 56	1 13	11 8	1 1	22 39	0 27	22 9	0 4	4 23	1 35	22 3	6 58	20 5	20 20	17 21	6 12	2 12
S 4	4 18	10 39	4 53	3 33	1 12	13 52	0 6	20 59	1 12	11 13	1 1	22 39	0 27	22 9	0 4	4 22	1 35	22 3	6 58	20 8	20 21	17 18	6 15	2 12
M 5	4 41	16 4	5 2	4 20	1 7	14 18	0 3	21 3	1 10	11 17	1 1	22 39	0 27	22 9	0 4	4 22	1 35	22 3	6 58	20 10	20 22	17 16	6 18	2 12
T 6	5 4	20 31	4 53	5 5	1 1	14 44	0s 0	21 6	1 8	11 22	1 1	22 39	0 27	22 9	0 4	4 21	1 35	22 3	6 58	20 12	20 22	17 13	6 22	2 11
W 7	5 27	23 46	4 29	5 51	0 55	15 10	0 3	21 10	1 6	11 26	1 1	22 39	0 27	22 9	0 4	4 20	1 35	22 2	6 59	20 14	20 23	17 11	6 25	2 11
T 8	5 50	25 41	3 51	6 36	0 48	15 35	0 6	21 13	1 4	11 31	1 1	22 39	0 27	22 9	0 4	4 20	1 35	22 2	6 59	20 16	20 24	17 8	6 28	2 11
F 9	6 13	26 14	3 4	7 20	0 42	16 0	0 9	21 16	1 2	11 35	1 0	22 39	0 27	22 9	0 4	4 19	1 35	22 2	6 59	20 17	20 24	17 5	6 31	2 10
S 10	6 35	25 29	2 8	8 4	0 36	16 25	0 11	21 19	1 0	11 39	1 0	22 39	0 27	22 8	0 4	4 18	1 35	22 2	6 59	20 17	20 25	17 3	6 34	2 10
S 11	6 58	23 33	1 8	8 47	0 29	16 49	0 14	21 22	0 58	11 44	1 0	22 39	0 26	22 8	0 4	4 18	1 35	22 2	7 0	20 17	20 26	17 0	6 38	2 10
M12	7 20	20 37	0 6	9 30	0 22	17 13	0 17	21 25	0 56	11 48	1 0	22 39	0 26	22 8	0 4	4 17	1 35	22 2	7 0	20 17	20 26	16 58	6 41	2 10
T 13	7 43	16 50	0n56	10 12	0 16	17 36	0 20	21 28	0 54	11 53	1 0	22 39	0 26	22 8	0 4	4 16	1 35	22 2	7 0	20 17	20 27	16 55	6 44	2 9
W14	8 5	12 24	1 56	10 53	0 9	17 59	0 23	21 31	0 51	11 57	1 0	22 38	0 26	22 8	0 4	4 16	1 35	22 2	7 0	20 18	20 27	16 52	6 47	2 9
T 15	8 27	7 27	2 52	11 34	0 2	18 22	0 26	21 34	0 49	12 1	1 0	22 38	0 26	22 8	0 4	4 15	1 35	22 2	7 0	20 19	20 28	16 50	6 50	2 9
F 16	8 50	2 10	3 40	12 14	0s 5	18 44	0 29	21 37	0 47	12 6	1 0	22 38	0 26	22 7	0 4	4 14	1 35	22 2	7 1	20 20	20 29	16 47	6 54	2 9
S 17	9 11	3n17	4 19	12 53	0 12	19 5	0 32	21 39	0 45	12 10	1 0	22 38	0 26	22 7	0 4	4 14	1 35	22 1	7 1	20 22	20 29	16 45	6 57	2 8
S 18	9 33	8 43	4 46	13 32	0 19	19 26	0 35	21 42	0 42	12 14	1 0	22 38	0 26	22 7	0 4	4 13	1 35	22 1	7 1	20 25	20 30	16 42	7 0	2 8
M19	9 55	13 54	4 59	14 10	0 26	19 47	0 38	21 45	0 40	12 19	1 0	22 38	0 26	22 7	0 4	4 13	1 35	22 1	7 1	20 27	20 31	16 39	7 3	2 8
T 20	10 17	18 32	4 57	14 47	0 33	20 7	0 40	21 47	0 37	12 23	1 0	22 38	0 25	22 7	0 4	4 12	1 35	22 1	7 2	20 30	20 31	16 37	7 6	2 8
W21	10 38	22 19	4 38	15 23	0 40	20 26	0 43	21 50	0 35	12 28	1 0	22 38	0 25	22 6	0 4	4 11	1 35	22 1	7 2	20 32	20 32	16 34	7 9	2 8
T 22	10 59	24 56	4 3	15 59	0 46	20 45	0 46	21 52	0 32	12 32	1 0	22 37	0 25	22 6	0 4	4 11	1 35	22 1	7 2	20 34	20 33	16 32	7 12	2 7
F 23	11 20	26 5	3 13	16 33	0 53	21 4	0 49	21 54	0 30	12 36	1 0	22 37	0 25	22 6	0 4	4 10	1 35	22 1	7 2	20 36	20 33	16 29	7 16	2 7
S 24	11 41	25 36	2 12	17 7	1 0	21 21	0 52	21 57	0 27	12 41	1 0	22 37	0 25	22 6	0 4	4 9	1 35	22 1	7 3	20 36	20 34	16 26	7 19	2 7
S 25	12 2	23 31	1 2	17 40	1 6	21 39	0 55	21 59	0 24	12 45	0 59	22 37	0 25	22 6	0 4	4 9	1 35	22 1	7 3	20 37	20 34	16 24	7 22	2 7
M26	12 22	19 59	0s11	18 12	1 13	21 55	0 58	22 1	0 21	12 49	0 59	22 37	0 25	22 5	0 4	4 8	1 35	22 1	7 3	20 37	20 35	16 21	7 25	2 6
T 27	12 43	15 17	1 25	18 43	1 19	22 11	1 0	22 3	0 19	12 54	0 59	22 37	0 25	22 5	0 4	4 8	1 35	22 1	7 4	20 37	20 36	16 18	7 28	2 6
W28	13 3	9 44	2 33	19 13	1 26	22 27	1 3	22 5	0 16	12 58	0 59	22 36	0 24	22 5	0 4	4 7	1 35	22 1	7 4	20 37	20 36	16 16	7 31	2 6
T 29	13 23	3 42	3 32	19 43	1 32	22 42	1 6	22 7	0 13	13 2	0 59	22 36	0 24	22 5	0 4	4 7	1 35	22 1	7 4	20 38	20 37	16 13	7 34	2 6
F 30	13 43	2s31	4 18	20 11	1 38	22 56	1 9	22 9	0 10	13 6	0 59	22 36	0 24	22 4	0 4	4 6	1 35	22 2	7 4	20 39	20 38	16 11	7 37	2 6
S 31	14s 2	8s33	4s48	20s38	1s44	23s10	1s11	22n10	0s 7	13s11	0n59	22s36	0n24	22n 4	0s 4	4n 5	1s35	22n 2	7n 5	20s41	20s38	16s 8	7s40	2s 5

Julian Day Number = 2523040.5, Delta T = 158.90 sec
Ecliptic obliquity = 23°24'55, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°28'33, Lahiri = 26°35'33

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2195
geocentric

NOVEMBER 2195 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 41 29	8♏37'00	24♎24	26♏18	11♐36	12°R30	8♏ 4	10♑38	11°R28	14°R 3	18♘23	27°R 5	27♑28	11♒34	14♎44	S 1
M 2	2 45 26	9°36'58	8♏ 8	27°44	12°49	12♊19	8°17	10°42	11♊26	14♈ 2	18°23	26♑53	27°24	11°41	14°53	M 2
T 3	2 49 22	10°36'57	21°34	29° 9	14° 3	12° 7	8°30	10°47	11°24	14° 0	18°24	26°40	27°21	11°47	15° 1	T 3
W 4	2 53 19	11°36'58	4♐42	0♐33	15°16	11°55	8°43	10°52	11°22	13°59	18°24	26°30	27°18	11°54	15° 9	W 4
T 5	2 57 15	12°37'01	17°29	1°57	16°29	11°41	8°56	10°56	11°20	13°57	18°24	26°21	27°15	12° 1	15°17	T 5
F 6	3 1 12	13°37'05	29°57	3°20	17°42	11°27	9° 9	11° 1	11°18	13°56	18°25	26°16	27°12	12° 7	15°26	F 6
S 7	3 5 9	14°37'12	12♑ 8	4°42	18°55	11°12	9°23	11° 6	11°15	13°54	18°25	26°13	27° 8	12°14	15°34	S 7
S 8	3 9 5	15°37'20	24° 7	6° 3	20° 8	10°56	9°36	11°11	11°13	13°53	18°26	26°D12	27° 5	12°21	15°42	S 8
M 9	3 13 2	16°37'29	5♒57	7°22	21°21	10°39	9°49	11°16	11°11	13°52	18°26	26°12	27° 2	12°27	15°50	M 9
T 10	3 16 58	17°37'40	17°45	8°41	22°34	10°22	10° 2	11°21	11° 9	13°50	18°26	26°R12	26°59	12°34	15°58	T 10
W11	3 20 55	18°37'52	29°36	9°58	23°47	10° 4	10°15	11°26	11° 7	13°49	18°26	26°12	26°56	12°41	16° 6	W11
T 12	3 24 51	19°38'06	11♓35	11°14	25° 0	9°46	10°28	11°31	11° 4	13°48	18°27	26° 9	26°53	12°47	16°14	T 12
F 13	3 28 48	20°38'21	23°47	12°29	26°13	9°27	10°41	11°36	11° 2	13°47	18°27	26° 4	26°49	12°54	16°22	F 13
S 14	3 32 44	21°38'38	6♈16	13°41	27°26	9° 7	10°54	11°42	11° 0	13°45	18°27	25°57	26°46	13° 0	16°30	S 14
S 15	3 36 41	22°38'56	19° 6	14°52	28°39	8°47	11° 7	11°47	10°57	13°44	18°27	25°48	26°43	13° 7	16°37	S 15
M16	3 40 37	23°39'16	2♉16	16° 0	29°51	8°27	11°20	11°53	10°55	13°43	18°27	25°37	26°40	13°14	16°45	M16
T 17	3 44 34	24°39'38	15°48	17° 6	1♑ 4	8° 6	11°33	11°58	10°52	13°42	18°27	25°26	26°37	13°20	16°53	T 17
W18	3 48 31	25°40'01	29°37	18° 9	2°17	7°45	11°46	12° 4	10°50	13°41	18°27	25°16	26°34	13°27	17° 0	W18
T 19	3 52 27	26°40'26	13♊40	19° 9	3°30	7°23	11°59	12° 9	10°48	13°39	18°27	25° 8	26°30	13°34	17° 8	T 19
F 20	3 56 24	27°40'52	27°53	20° 5	4°42	7° 1	12°12	12°15	10°45	13°38	18°R27	25° 2	26°27	13°40	17°16	F 20
S 21	4 0 20	28°41'20	12♋11	20°57	5°55	6°39	12°24	12°21	10°43	13°37	18°27	25° 0	26°24	13°47	17°23	S 21
S 22	4 4 17	29°41'50	26°28	21°45	7° 7	6°17	12°37	12°26	10°40	13°36	18°27	24°D59	26°21	13°54	17°30	S 22
M23	4 8 13	0♐42'22	10♌43	22°28	8°20	5°55	12°50	12°32	10°38	13°35	18°27	24°59	26°18	14° 0	17°38	M23
T 24	4 12 10	1°42'56	24°53	23° 4	9°32	5°32	13° 3	12°38	10°35	13°34	18°27	25° 0	26°14	14° 7	17°45	T 24
W25	4 16 7	2°43'31	8♍57	23°34	10°45	5°10	13°16	12°44	10°33	13°33	18°27	25°R 0	26°11	14°14	17°52	W25
T 26	4 20 3	3°44'08	22°54	23°57	11°57	4°47	13°28	12°50	10°30	13°32	18°27	24°59	26° 8	14°20	18° 0	T 26
F 27	4 24 0	4°44'47	6♎43	24°12	13°10	4°25	13°41	12°56	10°28	13°31	18°27	24°55	26° 5	14°27	18° 7	F 27
S 28	4 27 56	5°45'27	20°23	24°R18	14°22	4° 3	13°54	13° 2	10°25	13°31	18°26	24°49	26° 2	14°34	18°14	S 28
S 29	4 31 53	6°46'09	3♏53	24°15	15°34	3°41	14° 6	13° 8	10°23	13°30	18°26	24°41	25°59	14°40	18°21	S 29
M30	4 35 49	7♐46'52	17♏10	24♐ 1	16♑47	3♊19	14♏19	13♑14	10♊20	13♈29	18♘26	24♑32	25♑55	14♒47	18♎28	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s22	14s 6	5s 0	21s 5	1s49	23s23	1s14	22n12	0s 4	13s15	0n59	22s35	0n24	22n 4	0s 4	4n 5	1s35	22n 2	7n 5	20s43	20s39	16s 5	7s43	2s 5
M 2	14 41	18 51	4 55	21 30	1 55	23 35	1 17	22 14	0 1	13 19	0 59	22 35	0 24	22 4	0 4	4 4	1 35	22 2	7 5	20 46	20 39	16 3	7 47	2 5
T 3	15 0	22 32	4 33	21 54	2 0	23 46	1 19	22 15	0n 2	13 23	0 59	22 35	0 24	22 3	0 4	4 4	1 35	22 2	7 5	20 48	20 40	16 0	7 50	2 5
W 4	15 18	24 57	3 57	22 17	2 5	23 57	1 22	22 16	0 5	13 28	0 59	22 35	0 24	22 3	0 4	4 3	1 35	22 2	7 6	20 50	20 41	15 57	7 53	2 5
T 5	15 37	25 59	3 10	22 39	2 10	24 8	1 24	22 18	0 8	13 32	0 59	22 34	0 24	22 3	0 4	4 3	1 35	22 2	7 6	20 52	20 41	15 55	7 56	2 4
F 6	15 55	25 40	2 15	23 0	2 14	24 17	1 27	22 19	0 11	13 36	0 59	22 34	0 24	22 2	0 4	4 2	1 35	22 2	7 6	20 53	20 42	15 52	7 59	2 4
S 7	16 12	24 6	1 14	23 20	2 19	24 26	1 29	22 20	0 14	13 40	0 59	22 34	0 23	22 2	0 4	4 2	1 35	22 2	7 6	20 53	20 43	15 49	8 2	2 4
S 8	16 30	21 27	0 11	23 38	2 23	24 34	1 32	22 21	0 17	13 44	0 59	22 33	0 23	22 2	0 4	4 1	1 35	22 3	7 7	20 53	20 43	15 47	8 5	2 4
M 9	16 47	17 56	0n52	23 55	2 26	24 42	1 34	22 22	0 21	13 48	0 59	22 33	0 23	22 2	0 4	4 1	1 35	22 3	7 7	20 53	20 44	15 44	8 7	2 4
T 10	17 4	13 43	1 52	24 11	2 30	24 49	1 36	22 22	0 24	13 53	0 59	22 33	0 23	22 1	0 4	4 0	1 35	22 3	7 7	20 53	20 44	15 41	8 10	2 3
W11	17 21	8 59	2 48	24 26	2 33	24 55	1 39	22 23	0 27	13 57	0 59	22 32	0 23	22 1	0 4	4 0	1 35	22 3	7 8	20 53	20 45	15 39	8 13	2 3
T 12	17 37	3 52	3 37	24 40	2 35	25 0	1 41	22 23	0 30	14 1	0 59	22 32	0 23	22 1	0 4	3 59	1 34	22 3	7 8	20 54	20 46	15 36	8 16	2 3
F 13	17 54	1n28	4 17	24 52	2 37	25 5	1 43	22 24	0 33	14 5	0 59	22 32	0 23	22 0	0 4	3 59	1 34	22 3	7 8	20 55	20 46	15 33	8 19	2 3
S 14	18 9	6 52	4 46	25 3	2 39	25 8	1 45	22 24	0 37	14 9	0 59	22 31	0 23	22 0	0 4	3 58	1 34	22 4	7 8	20 56	20 47	15 31	8 22	2 3
S 15	18 25	12 7	5 2	25 12	2 40	25 12	1 47	22 24	0 40	14 13	0 59	22 31	0 23	22 0	0 4	3 58	1 34	22 4	7 9	20 58	20 47	15 28	8 25	2 3
M16	18 40	16 58	5 2	25 20	2 40	25 14	1 49	22 24	0 43	14 17	0 59	22 31	0 23	21 59	0 4	3 57	1 34	22 4	7 9	21 0	20 48	15 25	8 28	2 2
T 17	18 55	21 6	4 45	25 27	2 40	25 16	1 51	22 24	0 46	14 21	0 59	22 30	0 22	21 59	0 4	3 57	1 34	22 4	7 9	21 2	20 49	15 23	8 30	2 2
W18	19 9	24 8	4 12	25 32	2 39	25 17	1 53	22 23	0 49	14 25	0 59	22 30	0 22	21 59	0 4	3 57	1 34	22 5	7 9	21 4	20 49	15 20	8 33	2 2
T 19	19 24	25 46	3 22	25 36	2 38	25 17	1 55	22 23	0 52	14 29	0 59	22 29	0 22	21 58	0 4	3 56	1 34	22 5	7 10	21 5	20 50	15 17	8 36	2 2
F 20	19 37	25 44	2 20	25 38	2 36	25 16	1 56	22 22	0 56	14 33	0 59	22 29	0 22	21 58	0 4	3 56	1 34	22 5	7 10	21 6	20 50	15 14	8 39	2 2
S 21	19 51	23 59	1 8	25 38	2 32	25 15	1 58	22 22	0 59	14 37	0 59	22 29	0 22	21 58	0 4	3 55	1 34	22 5	7 10	21 7	20 51	15 12	8 41	2 2
S 22	20 4	20 42	0s 8	25 37	2 28	25 13	2 0	22 21	1 2	14 40	0 59	22 28	0 22	21 57	0 4	3 55	1 34	22 6	7 11	21 7	20 52	15 9	8 44	2 1
M23	20 17	16 11	1 24	25 35	2 23	25 10	2 1	22 20	1 5	14 44	0 59	22 28	0 22	21 57	0 4	3 55	1 34	22 6	7 11	21 7	20 52	15 6	8 47	2 1
T 24	20 29	10 48	2 34	25 31	2 17	25 7	2 3	22 19	1 8	14 48	0 59	22 27	0 22	21 57	0 4	3 54	1 34	22 6	7 11	21 7	20 53	15 4	8 50	2 1
W25	20 41	4 54	3 34	25 25	2 10	25 2	2 4	22 18	1 11	14 52	0 59	22 27	0 22	21 56	0 4	3 54	1 34	22 6	7 11	21 7	20 53	15 1	8 52	2 1
T 26	20 53	1s11	4 21	25 17	2 1	24 57	2 5	22 17	1 13	14 56	0 59	22 26	0 22	21 56	0 4	3 54	1 34	22 7	7 12	21 7	20 54	14 58	8 55	2 1
F 27	21 4	7 8	4 52	25 8	1 51	24 52	2 6	22 15	1 16	15 0	0 59	22 26	0 21	21 56	0 4	3 53	1 34	22 7	7 12	21 8	20 55	14 55	8 57	2 1
S 28	21 15	12 41	5 6	24 57	1 39	24 45	2 7	22 14	1 19	15 3	0 59	22 25	0 21	21 55	0 4	3 53	1 34	22 7	7 12	21 9	20 55	14 53	9 0	2 1
S 29	21 25	17 33	5 3	24 44	1 27	24 38	2 8	22 12	1 22	15 7	0 59	22 25	0 21	21 55	0 4	3 53	1 34	22 8	7 12	21 10	20 56	14 50	9 2	2 0
M30	21s35	21s29	4s44	24s29	1s12	24s30	2s 9	22n11	1n25	15s11	0n59	22s24	0n21	21n55	0s 4	3n52	1s34	22n 8	7n13	21s12	20s56	14s47	9s 5	2s 0

Julian Day Number = 2523071.5, Delta T = 158.98 sec
Ecliptic obliquity = 23°24'54, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°28'37, Lahiri = 26°35'38

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2195
geocentric

DECEMBER 2195 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 39 46	8♐47'38	0♐14	23°R36	17♑59	2°R57	14♏32	13♑21	10°R18	13°R28	18°R26	24°R24	25♑52	14♒54	18♎34	T 1
W 2	4 43 42	9°48'24	13° 4	23♐ 1	19°11	2♊36	14°44	13°27	10♊15	13♈27	18♌25	24♑16	25°49	15° 0	18°41	W 2
T 3	4 47 39	10°49'12	25°38	22°15	20°23	2°15	14°57	13°33	10°13	13°27	18°25	24°10	25°46	15° 7	18°48	T 3
F 4	4 51 36	11°50'00	7♑57	21°18	21°35	1°55	15° 9	13°40	10°10	13°26	18°24	24° 7	25°43	15°14	18°55	F 4
S 5	4 55 32	12°50'50	20° 3	20°12	22°47	1°35	15°21	13°46	10° 8	13°25	18°24	24°D 5	25°40	15°20	19° 1	S 5
S 6	4 59 29	13°51'41	2♒ 0	18°59	23°59	1°16	15°34	13°52	10° 5	13°25	18°24	24° 6	25°36	15°27	19° 8	S 6
M 7	5 3 25	14°52'33	13°49	17°39	25°11	0°57	15°46	13°59	10° 2	13°24	18°23	24° 7	25°33	15°33	19°14	M 7
T 8	5 7 22	15°53'25	25°37	16°17	26°23	0°39	15°58	14° 5	10° 0	13°23	18°23	24° 9	25°30	15°40	19°20	T 8
W 9	5 11 18	16°54'18	7♓26	14°54	27°34	0°21	16°10	14°12	9°57	13°23	18°22	24°10	25°27	15°47	19°27	W 9
T 10	5 15 15	17°55'13	19°24	13°34	28°46	0° 4	16°23	14°18	9°55	13°22	18°22	24°R11	25°24	15°53	19°33	T 10
F 11	5 19 11	18°56'07	1♈34	12°19	29°58	29♉48	16°35	14°25	9°52	13°22	18°21	24°10	25°20	16° 0	19°39	F 11
S 12	5 23 8	19°57'03	14° 3	11°11	1♒ 9	29°32	16°47	14°32	9°50	13°21	18°20	24° 7	25°17	16° 7	19°45	S 12
S 13	5 27 5	20°57'59	26°52	10°12	2°21	29°18	16°59	14°38	9°47	13°21	18°20	24° 3	25°14	16°13	19°51	S 13
M14	5 31 1	21°58'56	10♉ 6	9°24	3°32	29° 3	17°11	14°45	9°45	13°21	18°19	23°58	25°11	16°20	19°57	M14
T 15	5 34 58	22°59'54	23°46	8°47	4°43	28°50	17°22	14°52	9°43	13°20	18°18	23°53	25° 8	16°27	20° 3	T 15
W16	5 38 54	24° 0'52	7♊49	8°21	5°54	28°38	17°34	14°59	9°40	13°20	18°18	23°48	25° 5	16°33	20° 8	W16
T 17	5 42 51	25° 1'51	22°12	8° 6	7° 6	28°26	17°46	15° 5	9°38	13°20	18°17	23°45	25° 1	16°40	20°14	T 17
F 18	5 46 47	26° 2'51	6♋50	8°D 2	8°17	28°15	17°58	15°12	9°35	13°19	18°16	23°42	24°58	16°47	20°19	F 18
S 19	5 50 44	27° 3'52	21°35	8° 8	9°27	28° 5	18° 9	15°19	9°33	13°19	18°15	23°D41	24°55	16°53	20°25	S 19
S 20	5 54 41	28° 4'53	6♌20	8°23	10°38	27°55	18°21	15°26	9°31	13°19	18°15	23°42	24°52	17° 0	20°30	S 20
M21	5 58 37	29° 5'56	20°59	8°46	11°49	27°47	18°32	15°33	9°28	13°19	18°14	23°43	24°49	17° 7	20°35	M21
T 22	6 2 34	0♑ 6'59	5♍27	9°17	13° 0	27°39	18°44	15°40	9°26	13°19	18°13	23°44	24°46	17°13	20°41	T 22
W23	6 6 30	1° 8'03	19°41	9°55	14°10	27°32	18°55	15°47	9°24	13°19	18°12	23°46	24°42	17°20	20°46	W23
T 24	6 10 27	2° 9'07	3♎38	10°39	15°20	27°26	19° 6	15°53	9°21	13°19	18°11	23°R46	24°39	17°27	20°51	T 24
F 25	6 14 23	3°10'13	17°19	11°28	16°31	27°20	19°17	16° 0	9°19	13°D19	18°10	23°45	24°36	17°33	20°55	F 25
S 26	6 18 20	4°11'19	0♏44	12°22	17°41	27°16	19°28	16° 7	9°17	13°19	18° 9	23°44	24°33	17°40	21° 0	S 26
S 27	6 22 16	5°12'27	13°53	13°21	18°51	27°12	19°39	16°14	9°15	13°19	18° 8	23°41	24°30	17°47	21° 5	S 27
M28	6 26 13	6°13'35	26°47	14°23	20° 1	27° 9	19°50	16°21	9°12	13°19	18° 7	23°39	24°26	17°53	21° 9	M28
T 29	6 30 10	7°14'43	9♐28	15°28	21°11	27° 7	20° 1	16°28	9°10	13°19	18° 7	23°36	24°23	18° 0	21°14	T 29
W30	6 34 6	8°15'52	21°57	16°36	22°20	27° 6	20°12	16°35	9° 8	13°19	18° 5	23°34	24°20	18° 7	21°18	W30
T 31	6 38 3	9♑17'01	4♑15	17♐47	23♒30	27°D 5	20♏23	16♑43	9♊ 6	13♈19	18♌ 4	23♑32	24♑17	18♒13	21♎23	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s45	24s15	4s10	24s12	0s56	24s22	2s10	22n 9	1n27	15s14	0n59	22s24	0n21	21n54	0s 4	3n52	1s34	22n 8	7n13	21s13	20s57	14s45	9s 7	2s 0
W 2	21 54	25 43	3 24	23 53	0 39	24 12	2 11	22 8	1 30	15 18	0 59	22 23	0 21	21 54	0 4	3 52	1 34	22 9	7 13	21 14	20 58	14 42	9 10	2 0
T 3	22 3	25 49	2 28	23 32	0 21	24 2	2 12	22 6	1 32	15 22	0 59	22 23	0 21	21 53	0 4	3 52	1 34	22 9	7 13	21 15	20 58	14 39	9 12	2 0
F 4	22 11	24 37	1 27	23 9	0 1	23 52	2 12	22 4	1 35	15 25	0 59	22 22	0 21	21 53	0 4	3 51	1 34	22 10	7 14	21 16	20 59	14 36	9 15	2 0
S 5	22 19	22 17	0 22	22 44	0n19	23 40	2 13	22 2	1 37	15 29	0 59	22 22	0 21	21 53	0 4	3 51	1 34	22 10	7 14	21 16	20 59	14 34	9 17	2 0
S 6	22 26	19 0	0n43	22 18	0 39	23 28	2 13	22 1	1 39	15 32	0 59	22 21	0 21	21 52	0 4	3 51	1 34	22 10	7 14	21 16	21 0	14 31	9 20	2 0
M 7	22 33	14 59	1 45	21 51	0 59	23 16	2 13	21 59	1 41	15 36	0 59	22 20	0 21	21 52	0 4	3 51	1 34	22 11	7 15	21 16	21 1	14 28	9 22	1 59
T 8	22 40	10 24	2 43	21 24	1 19	23 2	2 14	21 57	1 44	15 39	0 59	22 20	0 20	21 52	0 4	3 51	1 34	22 11	7 15	21 16	21 1	14 25	9 24	1 59
W 9	22 46	5 27	3 35	20 57	1 37	22 49	2 14	21 56	1 46	15 43	0 59	22 19	0 20	21 51	0 4	3 50	1 33	22 11	7 15	21 15	21 2	14 23	9 26	1 59
T 10	22 52	0 15	4 17	20 31	1 54	22 34	2 14	21 54	1 48	15 46	0 59	22 19	0 20	21 51	0 4	3 50	1 33	22 12	7 15	21 15	21 2	14 20	9 29	1 59
F 11	22 57	5n 2	4 49	20 7	2 9	22 19	2 14	21 52	1 50	15 50	0 59	22 18	0 20	21 51	0 4	3 50	1 33	22 12	7 16	21 15	21 3	14 17	9 31	1 59
S 12	23 2	10 15	5 8	19 46	2 21	22 3	2 13	21 51	1 51	15 53	0 59	22 17	0 20	21 50	0 4	3 50	1 33	22 13	7 16	21 16	21 3	14 14	9 33	1 59
S 13	23 6	15 12	5 12	19 27	2 32	21 47	2 13	21 49	1 53	15 56	0 59	22 17	0 20	21 50	0 4	3 50	1 33	22 13	7 16	21 17	21 4	14 12	9 35	1 59
M14	23 10	19 35	5 0	19 12	2 40	21 30	2 13	21 48	1 55	16 0	0 59	22 16	0 20	21 50	0 4	3 50	1 33	22 14	7 16	21 17	21 5	14 9	9 37	1 59
T 15	23 14	23 4	4 31	19 1	2 45	21 12	2 12	21 46	1 57	16 3	1 0	22 15	0 20	21 49	0 4	3 50	1 33	22 14	7 17	21 18	21 5	14 6	9 39	1 58
W16	23 17	25 18	3 45	18 53	2 49	20 54	2 11	21 45	1 58	16 6	1 0	22 15	0 20	21 49	0 4	3 50	1 33	22 15	7 17	21 19	21 6	14 3	9 41	1 58
T 17	23 19	25 55	2 44	18 49	2 51	20 35	2 11	21 44	2 0	16 9	1 0	22 14	0 20	21 49	0 4	3 50	1 33	22 15	7 17	21 20	21 6	14 1	9 43	1 58
F 18	23 21	24 46	1 31	18 49	2 51	20 16	2 10	21 43	2 1	16 13	1 0	22 13	0 20	21 48	0 4	3 49	1 33	22 15	7 17	21 20	21 7	13 58	9 45	1 58
S 19	23 23	21 53	0 12	18 51	2 49	19 56	2 9	21 42	2 2	16 16	1 0	22 13	0 20	21 48	0 4	3 49	1 33	22 16	7 17	21 20	21 7	13 55	9 47	1 58
S 20	23 24	17 33	1s 9	18 56	2 47	19 36	2 8	21 41	2 4	16 19	1 0	22 12	0 19	21 47	0 4	3 49	1 33	22 16	7 18	21 20	21 8	13 52	9 49	1 58
M21	23 25	12 12	2 25	19 4	2 43	19 15	2 7	21 40	2 5	16 22	1 0	22 11	0 19	21 47	0 4	3 49	1 33	22 17	7 18	21 20	21 9	13 50	9 51	1 58
T 22	23 25	6 14	3 30	19 13	2 38	18 54	2 5	21 40	2 6	16 25	1 0	22 11	0 19	21 47	0 4	3 49	1 33	22 17	7 18	21 20	21 9	13 47	9 53	1 58
W23	23 25	0 4	4 22	19 24	2 32	18 32	2 4	21 39	2 7	16 28	1 0	22 10	0 19	21 46	0 4	3 49	1 33	22 18	7 18	21 20	21 10	13 44	9 55	1 58
T 24	23 24	5s59	4 56	19 36	2 26	18 10	2 3	21 39	2 8	16 31	1 0	22 9	0 19	21 46	0 4	3 49	1 33	22 18	7 19	21 20	21 10	13 41	9 57	1 57
F 25	23 23	11 37	5 14	19 50	2 19	17 48	2 1	21 38	2 9	16 34	1 0	22 8	0 19	21 46	0 4	3 49	1 33	22 19	7 19	21 20	21 11	13 38	9 58	1 57
S 26	23 21	16 36	5 13	20 4	2 12	17 25	1 59	21 38	2 10	16 37	1 0	22 8	0 19	21 45	0 4	3 50	1 33	22 19	7 19	21 20	21 11	13 36	10 0	1 57
S 27	23 19	20 42	4 56	20 19	2 5	17 1	1 57	21 38	2 11	16 40	1 0	22 7	0 19	21 45	0 4	3 50	1 33	22 20	7 19	21 20	21 12	13 33	10 2	1 57
M28	23 16	23 42	4 25	20 34	1 57	16 37	1 55	21 38	2 12	16 43	1 0	22 6	0 19	21 45	0 4	3 50	1 33	22 20	7 20	21 21	21 13	13 30	10 3	1 57
T 29	23 13	25 29	3 40	20 49	1 49	16 13	1 53	21 39	2 13	16 46	1 0	22 5	0 19	21 44	0 4	3 50	1 33	22 21	7 20	21 21	21 13	13 27	10 5	1 57
W30	23 9	25 56	2 46	21 4	1 41	15 48	1 51	21 39	2 13	16 48	1 0	22 5	0 19	21 44	0 4	3 50	1 33	22 21	7 20	21 22	21 14	13 24	10 6	1 57
T 31	23s 5	25s 6	1s45	21s19	1n32	15s23	1s49	21n40	2n14	16s51	1n 0	22s 4	0n19	21n44	0s 4	3n50	1s32	22n22	7n20	21s22	21s14	13s22	10s 8	1s57

Julian Day Number = 2523101.5, Delta T = 159.06 sec
Ecliptic obliquity = 23°24'53, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°28'41, Lahiri = 26°35'42

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2196
geocentric

JANUARY 2196 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 41 59	10♑18'11	16♑22	18♐59	24♒39	27♉ 6	20♏33	16♑50	9°R 4	13♈20	18°R 3	23°R31	24♑14	18♒20	21♎27	F 1
S 2	6 45 56	11°19'21	28°21	20°14	25°48	27° 7	20°44	16°57	9♊ 2	13°20	18♌ 2	23°D31	24°11	18°27	21°31	S 2
S 3	6 49 52	12°20'30	10♒13	21°31	26°58	27° 9	20°54	17° 4	9° 0	13°20	18° 1	23♑32	24° 7	18°33	21°35	S 3
M 4	6 53 49	13°21'40	22° 2	22°49	28° 7	27°11	21° 5	17°11	8°58	13°21	18° 0	23°33	24° 4	18°40	21°39	M 4
T 5	6 57 45	14°22'50	3♓49	24° 8	29°15	27°15	21°15	17°18	8°56	13°21	17°59	23°34	24° 1	18°47	21°42	T 5
W 6	7 1 42	15°23'59	15°39	25°29	0♓24	27°19	21°25	17°25	8°54	13°21	17°58	23°35	23°58	18°53	21°46	W 6
T 7	7 5 39	16°25'09	27°36	26°51	1°32	27°24	21°35	17°32	8°52	13°22	17°57	23°35	23°55	19° 0	21°49	T 7
F 8	7 9 35	17°26'18	9♈44	28°14	2°41	27°30	21°45	17°39	8°50	13°22	17°56	23°36	23°52	19° 6	21°53	F 8
S 9	7 13 32	18°27'27	22° 7	29°38	3°49	27°36	21°55	17°46	8°49	13°23	17°54	23°R36	23°48	19°13	21°56	S 9
S 10	7 17 28	19°28'35	4♉51	1♑ 2	4°57	27°43	22° 5	17°53	8°47	13°23	17°53	23°36	23°45	19°20	21°59	S 10
M11	7 21 25	20°29'43	17°59	2°28	6° 4	27°51	22°14	18° 0	8°45	13°24	17°52	23°35	23°42	19°26	22° 2	M11
T 12	7 25 21	21°30'51	1♊33	3°54	7°12	27°59	22°24	18° 7	8°43	13°25	17°51	23°35	23°39	19°33	22° 5	T 12
W13	7 29 18	22°31'58	15°35	5°21	8°19	28° 8	22°33	18°15	8°42	13°25	17°49	23°35	23°36	19°40	22° 8	W13
T 14	7 33 14	23°33'05	0♋ 2	6°49	9°26	28°17	22°42	18°22	8°40	13°26	17°48	23°D35	23°32	19°46	22°11	T 14
F 15	7 37 11	24°34'11	14°50	8°17	10°33	28°28	22°52	18°29	8°39	13°27	17°47	23°35	23°29	19°53	22°13	F 15
S 16	7 41 8	25°35'18	29°53	9°46	11°40	28°39	23° 1	18°36	8°37	13°27	17°46	23°R35	23°26	20° 0	22°16	S 16
S 17	7 45 4	26°36'23	15♌ 1	11°15	12°46	28°50	23°10	18°43	8°36	13°28	17°44	23°35	23°23	20° 6	22°18	S 17
M18	7 49 1	27°37'29	0♍ 6	12°45	13°52	29° 2	23°19	18°50	8°34	13°29	17°43	23°34	23°20	20°13	22°21	M18
T 19	7 52 57	28°38'34	14°58	14°15	14°58	29°15	23°27	18°57	8°33	13°30	17°42	23°34	23°17	20°20	22°23	T 19
W20	7 56 54	29°39'38	29°32	15°46	16° 3	29°28	23°36	19° 4	8°31	13°31	17°40	23°33	23°13	20°26	22°25	W20
T 21	8 0 50	0♒40'43	13♎42	17°18	17° 9	29°41	23°44	19°11	8°30	13°32	17°39	23°33	23°10	20°33	22°27	T 21
F 22	8 4 47	1°41'47	27°28	18°50	18°14	29°56	23°53	19°18	8°29	13°33	17°38	23°D32	23° 7	20°40	22°28	F 22
S 23	8 8 43	2°42'52	10♏50	20°23	19°19	0♊10	24° 1	19°25	8°28	13°34	17°36	23°32	23° 4	20°46	22°30	S 23
S 24	8 12 40	3°43'56	23°51	21°56	20°23	0°25	24° 9	19°32	8°27	13°35	17°35	23°33	23° 1	20°53	22°32	S 24
M25	8 16 37	4°44'59	6♐32	23°30	21°27	0°41	24°17	19°39	8°25	13°36	17°34	23°34	22°58	21° 0	22°33	M25
T 26	8 20 33	5°46'02	18°57	25° 4	22°31	0°57	24°25	19°46	8°24	13°37	17°32	23°35	22°54	21° 6	22°34	T 26
W27	8 24 30	6°47'05	1♑10	26°39	23°35	1°14	24°33	19°53	8°23	13°38	17°31	23°36	22°51	21°13	22°36	W27
T 28	8 28 26	7°48'07	13°14	28°15	24°38	1°31	24°40	19°59	8°22	13°39	17°29	23°37	22°48	21°20	22°37	T 28
F 29	8 32 23	8°49'08	25°10	29°51	25°41	1°49	24°48	20° 6	8°22	13°40	17°28	23°R37	22°45	21°26	22°38	F 29
S 30	8 36 19	9°50'09	7♒ 1	1♒28	26°43	2° 7	24°55	20°13	8°21	13°41	17°27	23°37	22°42	21°33	22°38	S 30
S 31	8 40 16	10♒51'08	18♒50	3♒ 5	27♓45	2♊25	25♏ 2	20♑20	8♊20	13♈43	17♌25	23♑35	22♑38	21♒40	22♎39	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s 1	23s 4	0s40	21s34	1n24	14s58	1s46	21n40	2n15	16s54	1n 1	22s 3	0n19	21n44	0s 4	3n50	1s32	22n22	7n20	21s22	21s15	13s19	10s 9	1s57
S 2	22 56	20 2	0n27	21 48	1 15	14 32	1 44	21 41	2 15	16 57	1 1	22 2	0 18	21 43	0 4	3 50	1 32	22 23	7 21	21 22	21 15	13 16	10 11	1 57
S 3	22 51	16 12	1 31	22 2	1 7	14 6	1 41	21 42	2 16	16 59	1 1	22 1	0 18	21 43	0 4	3 50	1 32	22 24	7 21	21 22	21 16	13 13	10 12	1 56
M 4	22 45	11 45	2 32	22 15	0 59	13 39	1 38	21 43	2 16	17 2	1 1	22 1	0 18	21 43	0 4	3 51	1 32	22 24	7 21	21 22	21 16	13 10	10 14	1 56
T 5	22 38	6 54	3 26	22 27	0 50	13 12	1 35	21 44	2 17	17 4	1 1	22 0	0 18	21 42	0 4	3 51	1 32	22 25	7 21	21 22	21 17	13 8	10 15	1 56
W 6	22 32	1 48	4 11	22 38	0 42	12 45	1 32	21 46	2 17	17 7	1 1	21 59	0 18	21 42	0 4	3 51	1 32	22 25	7 21	21 22	21 18	13 5	10 16	1 56
T 7	22 24	3n25	4 46	22 49	0 34	12 18	1 29	21 47	2 17	17 9	1 1	21 58	0 18	21 42	0 4	3 51	1 32	22 26	7 22	21 21	21 18	13 2	10 17	1 56
F 8	22 17	8 35	5 9	22 59	0 26	11 51	1 26	21 49	2 18	17 12	1 1	21 57	0 18	21 42	0 4	3 51	1 32	22 26	7 22	21 21	21 19	12 59	10 19	1 56
S 9	22 9	13 31	5 18	23 7	0 17	11 23	1 22	21 51	2 18	17 14	1 1	21 56	0 18	21 41	0 4	3 52	1 32	22 27	7 22	21 21	21 19	12 56	10 20	1 56
S 10	22 0	18 1	5 12	23 15	0 10	10 55	1 19	21 52	2 18	17 17	1 1	21 55	0 18	21 41	0 4	3 52	1 32	22 27	7 22	21 21	21 20	12 54	10 21	1 56
M11	21 51	21 48	4 50	23 22	0 2	10 26	1 15	21 54	2 19	17 19	1 1	21 55	0 18	21 41	0 4	3 52	1 32	22 28	7 22	21 21	21 20	12 51	10 22	1 56
T 12	21 42	24 33	4 11	23 27	0s 6	9 58	1 11	21 57	2 19	17 22	1 2	21 54	0 18	21 41	0 4	3 53	1 32	22 28	7 22	21 21	21 21	12 48	10 23	1 56
W13	21 32	25 53	3 16	23 32	0 13	9 29	1 7	21 59	2 19	17 24	1 2	21 53	0 18	21 40	0 4	3 53	1 32	22 29	7 23	21 21	21 21	12 45	10 24	1 55
T 14	21 22	25 32	2 7	23 35	0 21	9 0	1 3	22 1	2 19	17 26	1 2	21 52	0 18	21 40	0 4	3 53	1 32	22 30	7 23	21 22	21 22	12 42	10 25	1 55
F 15	21 11	23 24	0 48	23 37	0 28	8 31	0 59	22 3	2 19	17 28	1 2	21 51	0 18	21 40	0 4	3 53	1 32	22 30	7 23	21 21	21 22	12 39	10 26	1 55
S 16	21 0	19 35	0s35	23 38	0 35	8 2	0 55	22 6	2 19	17 30	1 2	21 50	0 18	21 40	0 3	3 54	1 32	22 31	7 23	21 21	21 23	12 37	10 26	1 55
S 17	20 49	14 27	1 56	23 38	0 41	7 33	0 51	22 9	2 19	17 33	1 2	21 49	0 17	21 39	0 3	3 54	1 32	22 31	7 23	21 22	21 24	12 34	10 27	1 55
M18	20 37	8 28	3 9	23 36	0 48	7 3	0 46	22 11	2 19	17 35	1 2	21 48	0 17	21 39	0 3	3 55	1 32	22 32	7 23	21 22	21 24	12 31	10 28	1 55
T 19	20 25	2 5	4 9	23 33	0 54	6 33	0 42	22 14	2 19	17 37	1 2	21 47	0 17	21 39	0 3	3 55	1 32	22 32	7 23	21 22	21 25	12 28	10 29	1 55
W20	20 12	4s15	4 50	23 29	1 1	6 4	0 37	22 17	2 19	17 39	1 2	21 47	0 17	21 39	0 3	3 55	1 32	22 33	7 24	21 22	21 25	12 25	10 29	1 55
T 21	19 59	10 12	5 13	23 24	1 6	5 34	0 32	22 20	2 19	17 41	1 2	21 46	0 17	21 39	0 3	3 56	1 31	22 33	7 24	21 22	21 26	12 22	10 30	1 55
F 22	19 46	15 29	5 17	23 17	1 12	5 4	0 27	22 23	2 19	17 43	1 3	21 45	0 17	21 38	0 3	3 56	1 31	22 34	7 24	21 22	21 26	12 20	10 31	1 55
S 23	19 32	19 52	5 3	23 9	1 18	4 34	0 22	22 26	2 19	17 45	1 3	21 44	0 17	21 38	0 3	3 57	1 31	22 35	7 24	21 22	21 27	12 17	10 31	1 54
S 24	19 18	23 9	4 34	23 0	1 23	4 4	0 17	22 29	2 19	17 47	1 3	21 43	0 17	21 38	0 3	3 57	1 31	22 35	7 24	21 22	21 27	12 14	10 31	1 54
M25	19 3	25 12	3 53	22 49	1 28	3 34	0 12	22 32	2 19	17 48	1 3	21 42	0 17	21 38	0 3	3 57	1 31	22 36	7 24	21 22	21 28	12 11	10 32	1 54
T 26	18 49	25 57	3 1	22 37	1 32	3 4	0 6	22 36	2 19	17 50	1 3	21 41	0 17	21 38	0 3	3 58	1 31	22 36	7 24	21 21	21 28	12 8	10 32	1 54
W27	18 33	25 26	2 1	22 23	1 37	2 33	0 1	22 39	2 19	17 52	1 3	21 40	0 17	21 38	0 3	3 58	1 31	22 37	7 25	21 21	21 29	12 5	10 33	1 54
T 28	18 18	23 43	0 57	22 8	1 41	2 3	0n 5	22 42	2 19	17 54	1 3	21 39	0 17	21 37	0 3	3 59	1 31	22 37	7 25	21 21	21 29	12 3	10 33	1 54
F 29	18 2	20 56	0n 9	21 52	1 45	1 33	0 11	22 46	2 18	17 55	1 3	21 38	0 17	21 37	0 3	3 59	1 31	22 38	7 25	21 21	21 30	12 0	10 33	1 54
S 30	17 46	17 19	1 14	21 35	1 48	1 3	0 17	22 49	2 18	17 57	1 4	21 37	0 17	21 37	0 3	4 0	1 31	22 38	7 25	21 21	21 30	11 57	10 33	1 54
S 31	17s30	13s 1	2n15	21s15	1s52	0s33	0n23	22n53	2n18	17s59	1n 4	21s36	0n17	21n37	0s 3	4n 0	1s31	22n39	7n25	21s21	21s31	11s54	10s34	1s53

Julian Day Number = 2523132.5, Delta T = 159.14 sec
Ecliptic obliquity = 23°24'53, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°28'46, Lahiri = 26°35'46

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2196
geocentric

FEBRUARY 2196 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 44 12	11♒52'07	0♓39	4♒44	28♓47	2♊44	25♏ 9	20♑27	8°R19	13♈44	17°R24	23°R33	22♑35	21♒46	22♎40	M 1
T 2	8 48 9	12°53'05	12°28	6°22	29°49	3° 4	25°16	20°33	8♊18	13°45	17♌22	23♑30	22°32	21°53	22°40	T 2
W 3	8 52 6	13°54'01	24°22	8° 2	0♈50	3°23	25°23	20°40	8°18	13°46	17°21	23°26	22°29	22° 0	22°41	W 3
T 4	8 56 2	14°54'57	6♈22	9°42	1°50	3°43	25°30	20°47	8°17	13°48	17°20	23°23	22°26	22° 6	22°41	T 4
F 5	8 59 59	15°55'51	18°31	11°23	2°50	4° 4	25°36	20°54	8°17	13°49	17°18	23°20	22°23	22°13	22°R41	F 5
S 6	9 3 55	16°56'44	0♉53	13° 4	3°50	4°25	25°42	21° 0	8°16	13°51	17°17	23°18	22°19	22°20	22°41	S 6
S 7	9 7 52	17°57'36	13°32	14°46	4°49	4°46	25°49	21° 7	8°16	13°52	17°15	23°D17	22°16	22°26	22°41	S 7
M 8	9 11 48	18°58'26	26°31	16°29	5°48	5° 8	25°55	21°13	8°15	13°53	17°14	23°17	22°13	22°33	22°40	M 8
T 9	9 15 45	19°59'15	9♊55	18°13	6°46	5°30	26° 0	21°20	8°15	13°55	17°12	23°18	22°10	22°40	22°40	T 9
W10	9 19 41	21° 0'02	23°44	19°58	7°44	5°52	26° 6	21°26	8°15	13°56	17°11	23°20	22° 7	22°46	22°40	W10
T 11	9 23 38	22° 0'48	8♋ 0	21°43	8°41	6°15	26°12	21°33	8°14	13°58	17°10	23°21	22° 4	22°53	22°39	T 11
F 12	9 27 35	23° 1'33	22°42	23°29	9°37	6°37	26°17	21°39	8°14	14° 0	17° 8	23°R22	22° 0	23° 0	22°38	F 12
S 13	9 31 31	24° 2'16	7♌43	25°16	10°33	7° 1	26°22	21°46	8°14	14° 1	17° 7	23°21	21°57	23° 6	22°37	S 13
S 14	9 35 28	25° 2'57	22°58	27° 3	11°28	7°24	26°27	21°52	8°14	14° 3	17° 5	23°19	21°54	23°13	22°36	S 14
M15	9 39 24	26° 3'37	8♍15	28°51	12°23	7°48	26°32	21°58	8°D14	14° 4	17° 4	23°15	21°51	23°20	22°35	M15
T 16	9 43 21	27° 4'16	23°24	0♓40	13°17	8°12	26°37	22° 4	8°14	14° 6	17° 3	23°10	21°48	23°26	22°34	T 16
W17	9 47 17	28° 4'54	8♎16	2°30	14°11	8°36	26°42	22°11	8°14	14° 8	17° 1	23° 5	21°44	23°33	22°33	W17
T 18	9 51 14	29° 5'30	22°43	4°19	15° 3	9° 1	26°46	22°17	8°14	14°10	17° 0	23° 0	21°41	23°40	22°31	T 18
F 19	9 55 10	0♓ 6'05	6♏42	6°10	15°55	9°26	26°50	22°23	8°14	14°11	16°58	22°56	21°38	23°46	22°30	F 19
S 20	9 59 7	1° 6'39	20°12	8° 1	16°46	9°51	26°54	22°29	8°15	14°13	16°57	22°54	21°35	23°53	22°28	S 20
S 21	10 3 4	2° 7'12	3♐14	9°52	17°37	10°17	26°58	22°35	8°15	14°15	16°56	22°D53	21°32	24° 0	22°27	S 21
M22	10 7 0	3° 7'44	15°53	11°43	18°26	10°42	27° 2	22°41	8°15	14°17	16°54	22°54	21°29	24° 6	22°25	M22
T 23	10 10 57	4° 8'15	28°13	13°34	19°15	11° 8	27° 5	22°47	8°16	14°18	16°53	22°55	21°25	24°13	22°23	T 23
W24	10 14 53	5° 8'44	10♑18	15°25	20° 3	11°34	27° 9	22°53	8°16	14°20	16°52	22°57	21°22	24°20	22°21	W24
T 25	10 18 50	6° 9'12	22°13	17°16	20°50	12° 1	27°12	22°59	8°17	14°22	16°50	22°R58	21°19	24°26	22°18	T 25
F 26	10 22 46	7° 9'38	4♒ 3	19° 5	21°36	12°27	27°15	23° 4	8°17	14°24	16°49	22°57	21°16	24°33	22°16	F 26
S 27	10 26 43	8°10'03	15°50	20°54	22°21	12°54	27°18	23°10	8°18	14°26	16°48	22°54	21°13	24°40	22°14	S 27
S 28	10 30 39	9°10'26	27°38	22°41	23° 5	13°21	27°20	23°16	8°18	14°28	16°46	22°49	21° 9	24°46	22°11	S 28
M29	10 34 36	10♓10'48	9♓28	24♓26	23♈48	13♊48	27♏23	23♑21	8♊19	14♈30	16♌45	22♑42	21♑ 6	24♒53	22♎ 9	M29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17s13	8s16	3n11	20s55	1s55	0s 3	0n29	22n56	2n18	18s 0	1n 4	21s35	0n16	21n37	0s 3	4n 1	1s31	22n39	7n25	21s22	21s31	11s51	10s34	1s53
T 2	16 56	3 12	3 58	20 33	1 57	0n27	0 35	23 0	2 18	18 2	1 4	21 34	0 16	21 37	0 3	4 1	1 31	22 40	7 25	21 22	21 32	11 48	10 34	1 53
W 3	16 38	1n59	4 36	20 10	2 0	0 57	0 41	23 3	2 17	18 3	1 4	21 33	0 16	21 37	0 3	4 2	1 31	22 40	7 25	21 23	21 33	11 45	10 34	1 53
T 4	16 21	7 8	5 1	19 45	2 1	1 27	0 47	23 7	2 17	18 5	1 4	21 32	0 16	21 37	0 3	4 3	1 31	22 41	7 25	21 24	21 33	11 43	10 34	1 53
F 5	16 3	12 5	5 14	19 19	2 3	1 57	0 54	23 11	2 17	18 6	1 4	21 32	0 16	21 37	0 3	4 3	1 31	22 42	7 25	21 24	21 34	11 40	10 34	1 53
S 6	15 44	16 38	5 12	18 52	2 4	2 27	1 1	23 14	2 17	18 7	1 4	21 31	0 16	21 37	0 3	4 4	1 31	22 42	7 26	21 24	21 34	11 37	10 33	1 53
S 7	15 26	20 35	4 55	18 23	2 5	2 56	1 7	23 18	2 16	18 9	1 5	21 30	0 16	21 37	0 3	4 4	1 31	22 43	7 26	21 25	21 35	11 34	10 33	1 53
M 8	15 7	23 38	4 24	17 52	2 5	3 26	1 14	23 22	2 16	18 10	1 5	21 29	0 16	21 36	0 3	4 5	1 31	22 43	7 26	21 25	21 35	11 31	10 33	1 52
T 9	14 48	25 29	3 37	17 20	2 5	3 55	1 21	23 25	2 16	18 11	1 5	21 28	0 16	21 36	0 3	4 5	1 31	22 44	7 26	21 24	21 36	11 28	10 33	1 52
W10	14 29	25 51	2 36	16 47	2 5	4 24	1 28	23 29	2 15	18 12	1 5	21 27	0 16	21 36	0 3	4 6	1 31	22 44	7 26	21 24	21 36	11 25	10 32	1 52
T 11	14 9	24 34	1 23	16 12	2 4	4 54	1 35	23 33	2 15	18 14	1 5	21 26	0 16	21 36	0 3	4 7	1 31	22 45	7 26	21 24	21 37	11 23	10 32	1 52
F 12	13 50	21 34	0 4	15 36	2 3	5 22	1 42	23 36	2 15	18 15	1 5	21 25	0 16	21 36	0 3	4 7	1 31	22 45	7 26	21 24	21 37	11 20	10 32	1 52
S 13	13 30	17 4	1s18	14 59	2 1	5 51	1 49	23 40	2 15	18 16	1 5	21 24	0 16	21 36	0 3	4 8	1 31	22 46	7 26	21 24	21 38	11 17	10 31	1 52
S 14	13 10	11 24	2 35	14 20	1 58	6 19	1 57	23 44	2 14	18 17	1 5	21 23	0 16	21 36	0 3	4 9	1 30	22 46	7 26	21 24	21 38	11 14	10 31	1 52
M15	12 49	5 3	3 41	13 40	1 55	6 48	2 4	23 47	2 14	18 18	1 6	21 22	0 16	21 36	0 3	4 9	1 30	22 47	7 26	21 25	21 39	11 11	10 30	1 51
T 16	12 29	1s32	4 31	12 58	1 52	7 16	2 12	23 51	2 14	18 19	1 6	21 21	0 16	21 36	0 3	4 10	1 30	22 47	7 26	21 26	21 39	11 8	10 30	1 51
W17	12 8	7 54	5 2	12 15	1 48	7 43	2 19	23 54	2 13	18 20	1 6	21 20	0 16	21 36	0 3	4 11	1 30	22 48	7 26	21 27	21 40	11 5	10 29	1 51
T 18	11 47	13 39	5 12	11 31	1 43	8 11	2 27	23 58	2 13	18 21	1 6	21 19	0 15	21 36	0 3	4 11	1 30	22 48	7 26	21 27	21 40	11 2	10 28	1 51
F 19	11 26	18 30	5 3	10 46	1 38	8 38	2 35	24 2	2 12	18 21	1 6	21 18	0 15	21 36	0 3	4 12	1 30	22 48	7 26	21 28	21 41	11 0	10 28	1 51
S 20	11 4	22 13	4 37	9 59	1 33	9 5	2 43	24 5	2 12	18 22	1 6	21 17	0 15	21 36	0 3	4 13	1 30	22 49	7 26	21 28	21 41	10 57	10 27	1 51
S 21	10 43	24 40	3 58	9 12	1 26	9 32	2 50	24 8	2 12	18 23	1 6	21 16	0 15	21 37	0 3	4 13	1 30	22 49	7 26	21 29	21 42	10 54	10 26	1 50
M22	10 21	25 47	3 8	8 23	1 19	9 58	2 58	24 12	2 11	18 24	1 7	21 16	0 15	21 37	0 3	4 14	1 30	22 50	7 26	21 28	21 42	10 51	10 25	1 50
T 23	9 59	25 35	2 11	7 33	1 12	10 24	3 7	24 15	2 11	18 24	1 7	21 15	0 15	21 37	0 3	4 15	1 30	22 50	7 26	21 28	21 43	10 48	10 24	1 50
W24	9 37	24 9	1 8	6 43	1 3	10 50	3 15	24 18	2 11	18 25	1 7	21 14	0 15	21 37	0 3	4 16	1 30	22 51	7 26	21 28	21 43	10 45	10 23	1 50
T 25	9 15	21 39	0 4	5 52	0 54	11 15	3 23	24 22	2 10	18 26	1 7	21 13	0 15	21 37	0 3	4 16	1 30	22 51	7 26	21 28	21 44	10 42	10 22	1 50
F 26	8 52	18 15	1n 0	5 0	0 45	11 40	3 31	24 25	2 10	18 26	1 7	21 12	0 15	21 37	0 3	4 17	1 30	22 51	7 26	21 28	21 44	10 39	10 21	1 49
S 27	8 30	14 9	2 1	4 8	0 35	12 5	3 39	24 28	2 9	18 27	1 7	21 11	0 15	21 37	0 3	4 18	1 30	22 52	7 26	21 28	21 45	10 36	10 20	1 49
S 28	8 7	9 31	2 56	3 16	0 24	12 29	3 48	24 31	2 9	18 27	1 7	21 10	0 15	21 37	0 3	4 19	1 30	22 52	7 26	21 29	21 45	10 34	10 19	1 49
M29	7s45	4s33	3n44	2s24	0s12	12n53	3n56	24n34	2n 9	18s27	1n 8	21s 9	0n15	21n37	0s 3	4n19	1s30	22n53	7n26	21s30	21s46	10s31	10s18	1s49

Julian Day Number = 2523163.5, Delta T = 159.22 sec
Ecliptic obliquity = 23°24'53, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°28'50, Lahiri = 26°35'50

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2196
geocentric

MARCH 2196 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 38 33	11♓11'08	21♓24	26♓ 9	24♈30	14♊16	27♏25	23♑27	8♊20	14♈32	16°R44	22°R33	21♑ 3	25♒ 0	22°R 6	T 1
W 2	10 42 29	12°11'26	3♈25	27°48	25°11	14°44	27°27	23°32	8°21	14°34	16♌43	22♑23	21° 0	25° 6	22♎ 3	W 2
T 3	10 46 26	13°11'42	15°34	29°25	25°51	15°11	27°29	23°38	8°22	14°36	16°41	22°13	20°57	25°13	22° 0	T 3
F 4	10 50 22	14°11'57	27°51	0♈58	26°29	15°40	27°31	23°43	8°23	14°38	16°40	22° 4	20°54	25°20	21°57	F 4
S 5	10 54 19	15°12'09	10♉20	2°26	27° 6	16° 8	27°32	23°48	8°24	14°40	16°39	21°57	20°50	25°26	21°54	S 5
S 6	10 58 15	16°12'20	23° 2	3°49	27°42	16°36	27°34	23°54	8°25	14°42	16°38	21°52	20°47	25°33	21°51	S 6
M 7	11 2 12	17°12'28	5♊59	5° 6	28°16	17° 5	27°35	23°59	8°26	14°44	16°36	21°49	20°44	25°40	21°48	M 7
T 8	11 6 8	18°12'35	19°16	6°17	28°49	17°34	27°36	24° 4	8°27	14°46	16°35	21°D48	20°41	25°46	21°45	T 8
W 9	11 10 5	19°12'39	2♋53	7°21	29°21	18° 3	27°37	24° 9	8°28	14°48	16°34	21°49	20°38	25°53	21°41	W 9
T 10	11 14 2	20°12'41	16°54	8°18	29°51	18°32	27°37	24°14	8°29	14°50	16°33	21°R50	20°35	26° 0	21°38	T 10
F 11	11 17 58	21°12'41	1♌18	9° 7	0♉19	19° 1	27°38	24°19	8°30	14°52	16°32	21°49	20°31	26° 6	21°34	F 11
S 12	11 21 55	22°12'39	16° 4	9°48	0°45	19°30	27°38	24°24	8°32	14°54	16°31	21°47	20°28	26°13	21°31	S 12
S 13	11 25 51	23°12'35	1♍ 6	10°21	1°10	20° 0	27°R38	24°28	8°33	14°56	16°30	21°42	20°25	26°20	21°27	S 13
M14	11 29 48	24°12'28	16°15	10°45	1°33	20°30	27°38	24°33	8°35	14°59	16°28	21°35	20°22	26°26	21°23	M14
T 15	11 33 44	25°12'20	1♎23	11° 0	1°54	20°59	27°38	24°38	8°36	15° 1	16°27	21°26	20°19	26°33	21°19	T 15
W16	11 37 41	26°12'10	16°19	11°R 7	2°14	21°29	27°37	24°42	8°38	15° 3	16°26	21°16	20°15	26°40	21°15	W16
T 17	11 41 37	27°11'58	0♏54	11° 4	2°31	22° 0	27°36	24°47	8°39	15° 5	16°25	21° 6	20°12	26°46	21°11	T 17
F 18	11 45 34	28°11'44	15° 2	10°54	2°46	22°30	27°36	24°51	8°41	15° 7	16°24	20°58	20° 9	26°53	21° 7	F 18
S 19	11 49 31	29°11'28	28°41	10°35	2°59	23° 0	27°34	24°56	8°42	15° 9	16°23	20°51	20° 6	27° 0	21° 3	S 19
S 20	11 53 27	0♈11'11	11♐50	10° 9	3°10	23°31	27°33	25° 0	8°44	15°12	16°22	20°48	20° 3	27° 6	20°59	S 20
M21	11 57 24	1°10'52	24°33	9°36	3°19	24° 1	27°32	25° 4	8°46	15°14	16°21	20°46	20° 0	27°13	20°55	M21
T 22	12 1 20	2°10'32	6♑54	8°57	3°25	24°32	27°30	25° 8	8°48	15°16	16°21	20°D46	19°56	27°20	20°50	T 22
W23	12 5 17	3°10'10	18°59	8°13	3°29	25° 3	27°28	25°12	8°50	15°18	16°20	20°R46	19°53	27°26	20°46	W23
T 24	12 9 13	4° 9'45	0♒53	7°25	3°R31	25°34	27°26	25°16	8°51	15°21	16°19	20°46	19°50	27°33	20°42	T 24
F 25	12 13 10	5° 9'20	12°41	6°35	3°30	26° 5	27°24	25°20	8°53	15°23	16°18	20°44	19°47	27°40	20°37	F 25
S 26	12 17 6	6° 8'52	24°28	5°42	3°27	26°36	27°22	25°24	8°55	15°25	16°17	20°39	19°44	27°46	20°33	S 26
S 27	12 21 3	7° 8'22	6♓17	4°48	3°22	27° 8	27°19	25°27	8°57	15°27	16°16	20°32	19°41	27°53	20°28	S 27
M28	12 25 0	8° 7'51	18°12	3°55	3°14	27°39	27°16	25°31	8°59	15°30	16°15	20°21	19°37	28° 0	20°24	M28
T 29	12 28 56	9° 7'17	0♈16	3° 4	3° 3	28°11	27°14	25°35	9° 2	15°32	16°15	20° 9	19°34	28° 6	20°19	T 29
W30	12 32 53	10° 6'42	12°28	2°14	2°50	28°42	27°10	25°38	9° 4	15°34	16°14	19°55	19°31	28°13	20°15	W30
T 31	12 36 49	11♈ 6'04	24♈50	1♈28	2♉35	29♊14	27♏ 7	25♑41	9♊ 6	15♈36	16♌13	19♑41	19♑28	28♒20	20♎10	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s22	0n37	4n23	1s32	0s 0	13n16	4n 4	24n37	2n 8	18s28	1n 8	21s 8	0n15	21n37	0s 3	4n20	1s30	22n53	7n26	21s32	21s46	10s28	10s17	1s49
W 2	6 59	5 47	4 50	0 41	0n12	13 39	4 13	24 40	2 8	18 28	1 8	21 7	0 15	21 38	0 3	4 21	1 30	22 53	7 26	21 34	21 47	10 25	10 15	1 48
T 3	6 36	10 48	5 4	0n 9	0 25	14 2	4 21	24 42	2 7	18 28	1 8	21 7	0 15	21 38	0 3	4 22	1 30	22 54	7 26	21 35	21 47	10 22	10 14	1 48
F 4	6 13	15 26	5 5	0 58	0 38	14 24	4 30	24 45	2 7	18 29	1 8	21 6	0 15	21 38	0 3	4 23	1 30	22 54	7 26	21 37	21 48	10 19	10 13	1 48
S 5	5 50	19 30	4 51	1 46	0 52	14 45	4 38	24 48	2 7	18 29	1 8	21 5	0 15	21 38	0 3	4 23	1 30	22 55	7 26	21 38	21 48	10 16	10 11	1 48
S 6	5 26	22 44	4 23	2 31	1 6	15 6	4 47	24 50	2 6	18 29	1 8	21 4	0 14	21 38	0 3	4 24	1 30	22 55	7 26	21 39	21 49	10 13	10 10	1 47
M 7	5 3	24 54	3 40	3 15	1 20	15 26	4 55	24 53	2 6	18 29	1 9	21 3	0 14	21 38	0 3	4 25	1 30	22 55	7 26	21 39	21 49	10 10	10 9	1 47
T 8	4 39	25 44	2 45	3 56	1 34	15 46	5 4	24 55	2 5	18 29	1 9	21 2	0 14	21 39	0 3	4 26	1 30	22 56	7 26	21 39	21 50	10 7	10 7	1 47
W 9	4 16	25 3	1 40	4 34	1 48	16 5	5 12	24 57	2 5	18 29	1 9	21 1	0 14	21 39	0 3	4 27	1 30	22 56	7 26	21 39	21 50	10 5	10 6	1 47
T 10	3 52	22 47	0 26	5 9	2 1	16 24	5 21	24 59	2 5	18 29	1 9	21 1	0 14	21 39	0 3	4 27	1 30	22 56	7 26	21 39	21 50	10 2	10 4	1 47
F 11	3 29	19 2	0s51	5 40	2 14	16 42	5 29	25 1	2 4	18 29	1 9	21 0	0 14	21 39	0 3	4 28	1 30	22 57	7 26	21 39	21 51	9 59	10 3	1 46
S 12	3 5	14 0	2 6	6 8	2 27	16 59	5 37	25 3	2 4	18 29	1 9	20 59	0 14	21 39	0 3	4 29	1 30	22 57	7 26	21 39	21 51	9 56	10 1	1 46
S 13	2 42	8 3	3 14	6 32	2 39	17 16	5 45	25 5	2 3	18 29	1 9	20 58	0 14	21 40	0 3	4 30	1 30	22 57	7 26	21 40	21 52	9 53	9 59	1 46
M14	2 18	1 36	4 8	6 52	2 50	17 31	5 54	25 7	2 3	18 29	1 10	20 58	0 14	21 40	0 3	4 31	1 30	22 57	7 26	21 41	21 52	9 50	9 58	1 46
T 15	1 54	4s55	4 45	7 7	3 0	17 46	6 2	25 9	2 2	18 29	1 10	20 57	0 14	21 40	0 3	4 32	1 30	22 58	7 26	21 43	21 53	9 47	9 56	1 45
W16	1 30	11 4	5 2	7 18	3 9	18 1	6 10	25 10	2 2	18 28	1 10	20 56	0 14	21 40	0 3	4 32	1 30	22 58	7 26	21 44	21 53	9 44	9 54	1 45
T 17	1 7	16 27	4 59	7 24	3 17	18 14	6 17	25 12	2 2	18 28	1 10	20 55	0 14	21 41	0 3	4 33	1 30	22 58	7 26	21 46	21 54	9 41	9 53	1 45
F 18	0 43	20 45	4 37	7 25	3 23	18 26	6 25	25 13	2 1	18 28	1 10	20 55	0 14	21 41	0 3	4 34	1 30	22 59	7 26	21 47	21 54	9 38	9 51	1 44
S 19	0 19	23 45	4 0	7 22	3 28	18 38	6 33	25 14	2 1	18 27	1 10	20 54	0 14	21 41	0 3	4 35	1 30	22 59	7 26	21 48	21 55	9 35	9 49	1 44
S 20	0n 4	25 21	3 12	7 15	3 31	18 49	6 40	25 15	2 0	18 27	1 10	20 53	0 14	21 41	0 3	4 36	1 30	22 59	7 25	21 48	21 55	9 32	9 47	1 44
M21	0 28	25 33	2 15	7 3	3 32	18 58	6 47	25 16	2 0	18 27	1 11	20 52	0 14	21 42	0 3	4 37	1 30	22 59	7 25	21 49	21 56	9 30	9 45	1 44
T 22	0 52	24 27	1 13	6 47	3 31	19 7	6 54	25 17	1 59	18 26	1 11	20 52	0 14	21 42	0 3	4 38	1 30	22 59	7 25	21 49	21 56	9 27	9 43	1 43
W23	1 16	22 14	0 10	6 27	3 28	19 14	7 0	25 18	1 59	18 26	1 11	20 51	0 14	21 42	0 3	4 38	1 30	23 0	7 25	21 49	21 57	9 24	9 41	1 43
T 24	1 39	19 4	0n53	6 4	3 24	19 21	7 6	25 19	1 58	18 25	1 11	20 50	0 14	21 43	0 3	4 39	1 30	23 0	7 25	21 49	21 57	9 21	9 39	1 43
F 25	2 3	15 10	1 54	5 38	3 17	19 26	7 12	25 19	1 58	18 24	1 11	20 50	0 13	21 43	0 3	4 40	1 30	23 0	7 25	21 49	21 58	9 18	9 38	1 42
S 26	2 26	10 42	2 49	5 9	3 9	19 30	7 17	25 20	1 58	18 24	1 11	20 49	0 13	21 43	0 3	4 41	1 30	23 0	7 25	21 50	21 58	9 15	9 36	1 42
S 27	2 50	5 50	3 36	4 39	2 59	19 33	7 22	25 20	1 57	18 23	1 11	20 48	0 13	21 44	0 3	4 42	1 30	23 0	7 25	21 51	21 58	9 12	9 34	1 42
M28	3 13	0 45	4 15	4 8	2 48	19 34	7 27	25 20	1 57	18 22	1 11	20 48	0 13	21 44	0 3	4 43	1 30	23 1	7 25	21 52	21 59	9 9	9 32	1 41
T 29	3 37	4n25	4 43	3 36	2 36	19 34	7 31	25 20	1 56	18 22	1 12	20 47	0 13	21 44	0 3	4 44	1 30	23 1	7 25	21 54	21 59	9 6	9 30	1 41
W30	4 0	9 29	4 58	3 4	2 22	19 33	7 34	25 20	1 56	18 21	1 12	20 47	0 13	21 45	0 3	4 45	1 30	23 1	7 25	21 56	22 0	9 3	9 27	1 41
T 31	4n23	14n14	4n59	2n32	2n 8	19n30	7n37	25n20	1n55	18s20	1n12	20s46	0n13	21n45	0s 3	4n45	1s30	23n 1	7n25	21s58	22s 0	9s 0	9s25	1s40

Julian Day Number = 2523192.5, Delta T = 159.29 sec
Ecliptic obliquity = 23°24'53, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°28'54, Lahiri = 26°35'54

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2196
geocentric

APRIL 2196 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 40 46	12♈ 5'25	7♉23	0°R46	2°R17	29♊46	27°R 4	25♋45	9♊ 8	15♈39	16°R12	19°R28	19♋25	28♒27	20°R 5	F 1
S 2	12 44 42	13° 4'43	20° 6	0♈ 9	1♉57	0♌18	27♏ 0	25°48	9°10	15°41	16♎12	19♋18	19°21	28°33	20♎ 1	S 2
S 3	12 48 39	14° 4'00	3♊ 0	29♓36	1°34	0°50	26°56	25°51	9°13	15°43	16°11	19°10	19°18	28°40	19°56	S 3
M 4	12 52 35	15° 3'14	16° 7	29° 9	1°10	1°22	26°52	25°54	9°15	15°45	16°10	19° 5	19°15	28°47	19°51	M 4
T 5	12 56 32	16° 2'25	29°27	28°48	0°43	1°54	26°48	25°57	9°17	15°48	16°10	19° 3	19°12	28°53	19°47	T 5
W 6	13 0 28	17° 1'35	13♋ 3	28°31	0°14	2°27	26°44	26° 0	9°20	15°50	16° 9	19° 2	19° 9	29° 0	19°42	W 6
T 7	13 4 25	18° 0'42	26°55	28°21	29♈44	2°59	26°40	26° 2	9°22	15°52	16° 9	19° 2	19° 6	29° 7	19°37	T 7
F 8	13 8 22	18°59'47	11♌ 4	28°D16	29°11	3°32	26°35	26° 5	9°25	15°54	16° 8	19° 1	19° 2	29°13	19°32	F 8
S 9	13 12 18	19°58'49	25°30	28°17	28°37	4° 4	26°30	26° 8	9°27	15°57	16° 8	18°58	18°59	29°20	19°28	S 9
S 10	13 16 15	20°57'49	10♍10	28°23	28° 2	4°37	26°25	26°10	9°30	15°59	16° 7	18°53	18°56	29°27	19°23	S 10
M11	13 20 11	21°56'47	24°58	28°34	27°26	5°10	26°20	26°12	9°32	16° 1	16° 7	18°44	18°53	29°33	19°18	M11
T 12	13 24 8	22°55'42	9♎48	28°50	26°49	5°43	26°15	26°15	9°35	16° 4	16° 6	18°34	18°50	29°40	19°13	T 12
W13	13 28 4	23°54'36	24°29	29°11	26°12	6°15	26°10	26°17	9°38	16° 6	16° 6	18°22	18°46	29°47	19° 9	W13
T 14	13 32 1	24°53'27	8♏56	29°37	25°34	6°48	26° 4	26°19	9°40	16° 8	16° 6	18°11	18°43	29°53	19° 4	T 14
F 15	13 35 57	25°52'17	23° 0	0♈ 7	24°56	7°21	25°59	26°21	9°43	16°10	16° 5	18° 1	18°40	29°59	18°59	F 15
S 16	13 39 54	26°51'05	6♐38	0°41	24°18	7°55	25°53	26°23	9°46	16°13	16° 5	17°53	18°37	0♓ 7	18°55	S 16
S 17	13 43 51	27°49'51	19°50	1°19	23°41	8°28	25°47	26°25	9°49	16°15	16° 5	17°48	18°34	0°13	18°50	S 17
M18	13 47 47	28°48'35	2♑37	2° 1	23° 4	9° 1	25°41	26°26	9°52	16°17	16° 4	17°45	18°31	0°20	18°45	M18
T 19	13 51 44	29°47'18	15° 1	2°47	22°29	9°34	25°35	26°28	9°54	16°19	16° 4	17°D45	18°27	0°27	18°41	T 19
W20	13 55 40	0♉45'59	27° 9	3°36	21°54	10° 8	25°29	26°30	9°57	16°21	16° 4	17°R45	18°24	0°33	18°36	W20
T 21	13 59 37	1°44'38	9♒ 5	4°28	21°21	10°41	25°22	26°31	10° 0	16°24	16° 4	17°45	18°21	0°40	18°31	T 21
F 22	14 3 33	2°43'16	20°55	5°23	20°49	11°15	25°16	26°32	10° 3	16°26	16° 4	17°43	18°18	0°47	18°27	F 22
S 23	14 7 30	3°41'52	2♓44	6°22	20°20	11°48	25° 9	26°34	10° 6	16°28	16° 3	17°40	18°15	0°53	18°23	S 23
S 24	14 11 26	4°40'26	14°37	7°23	19°52	12°22	25° 3	26°35	10° 9	16°30	16° 3	17°33	18°12	1° 0	18°18	S 24
M25	14 15 23	5°38'59	26°37	8°27	19°26	12°55	24°56	26°36	10°12	16°32	16° 3	17°25	18° 8	1° 7	18°14	M25
T 26	14 19 20	6°37'29	8♈48	9°34	19° 2	13°29	24°49	26°37	10°15	16°35	16° 3	17°14	18° 5	1°13	18° 9	T 26
W27	14 23 16	7°35'58	21°11	10°43	18°40	14° 3	24°42	26°38	10°18	16°37	16°D 3	17° 2	18° 2	1°20	18° 5	W27
T 28	14 27 13	8°34'26	3♉48	11°55	18°21	14°37	24°35	26°38	10°21	16°39	16° 3	16°50	17°59	1°27	18° 1	T 28
F 29	14 31 9	9°32'51	16°39	13° 9	18° 3	15°11	24°28	26°39	10°25	16°41	16° 3	16°38	17°56	1°34	17°57	F 29
S 30	14 35 6	10♉31'15	29♉42	14♈25	17♈49	15♌45	24♏21	26♋40	10♊28	16♈43	16♎ 3	16♋29	17♋52	1♓40	17♎52	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	4n46	18n27	4n46	2n 2	1n53	19n26	7n40	25n20	1n55	18s19	1n12	20s46	0n13	21n45	0s 3	4n46	1s30	23n 1	7n24	22s 0	22s 1	8s57	9s23	1s40
S 2	5 10	21 54	4 18	1 33	1 37	19 20	7 41	25 19	1 54	18 18	1 12	20 45	0 13	21 46	0 3	4 47	1 30	23 1	7 24	22 2	22 1	8 54	9 21	1 40
S 3	5 33	24 18	3 38	1 5	1 21	19 13	7 42	25 19	1 54	18 17	1 12	20 45	0 13	21 46	0 3	4 48	1 30	23 1	7 24	22 3	22 2	8 52	9 19	1 39
M 4	5 55	25 25	2 44	0 40	1 5	19 5	7 42	25 18	1 54	18 16	1 12	20 44	0 13	21 46	0 3	4 49	1 30	23 1	7 24	22 3	22 2	8 49	9 17	1 39
T 5	6 18	25 6	1 42	0 16	0 49	18 55	7 42	25 17	1 53	18 15	1 12	20 44	0 13	21 47	0 3	4 50	1 30	23 1	7 24	22 4	22 3	8 46	9 15	1 39
W 6	6 41	23 18	0 32	0s 4	0 34	18 43	7 41	25 16	1 53	18 14	1 12	20 43	0 13	21 47	0 3	4 51	1 30	23 2	7 24	22 4	22 3	8 43	9 13	1 38
T 7	7 3	20 4	0s42	0 23	0 18	18 30	7 38	25 15	1 52	18 13	1 12	20 43	0 13	21 47	0 3	4 51	1 30	23 2	7 24	22 4	22 3	8 40	9 11	1 38
F 8	7 26	15 37	1 54	0 39	0 3	18 16	7 35	25 14	1 52	18 12	1 13	20 42	0 13	21 48	0 3	4 52	1 30	23 2	7 24	22 4	22 4	8 37	9 8	1 38
S 9	7 48	10 11	3 0	0 52	0s12	18 0	7 32	25 12	1 51	18 11	1 13	20 42	0 13	21 48	0 3	4 53	1 30	23 2	7 24	22 4	22 4	8 34	9 6	1 37
S 10	8 10	4 7	3 55	1 2	0 26	17 43	7 27	25 11	1 51	18 9	1 13	20 41	0 13	21 49	0 2	4 54	1 30	23 2	7 23	22 5	22 5	8 31	9 4	1 37
M11	8 32	2s13	4 35	1 10	0 39	17 24	7 21	25 9	1 50	18 8	1 13	20 41	0 12	21 49	0 2	4 55	1 30	23 2	7 23	22 6	22 5	8 28	9 2	1 36
T 12	8 54	8 25	4 57	1 16	0 52	17 5	7 15	25 7	1 50	18 7	1 13	20 41	0 12	21 49	0 2	4 56	1 30	23 2	7 23	22 8	22 6	8 25	9 0	1 36
W13	9 16	14 6	4 59	1 19	1 4	16 44	7 8	25 5	1 50	18 6	1 13	20 40	0 12	21 50	0 2	4 57	1 30	23 2	7 23	22 9	22 6	8 22	8 58	1 36
T 14	9 38	18 54	4 41	1 19	1 16	16 23	7 0	25 3	1 49	18 4	1 13	20 40	0 12	21 50	0 2	4 58	1 30	23 2	7 23	22 11	22 6	8 19	8 56	1 35
F 15	9 59	22 29	4 7	1 17	1 27	16 0	6 51	25 1	1 49	18 3	1 13	20 40	0 12	21 51	0 2	4 58	1 30	23 2	7 23	22 12	22 7	8 16	8 53	1 35
S 16	10 20	24 40	3 19	1 13	1 37	15 37	6 41	24 59	1 48	18 1	1 13	20 39	0 12	21 51	0 2	4 59	1 30	23 2	7 23	22 13	22 7	8 13	8 51	1 34
S 17	10 41	25 23	2 22	1 7	1 47	15 14	6 31	24 56	1 48	18 0	1 13	20 39	0 12	21 52	0 2	5 0	1 30	23 2	7 23	22 14	22 8	8 10	8 49	1 34
M18	11 2	24 43	1 19	0 58	1 56	14 50	6 20	24 54	1 47	17 59	1 13	20 39	0 12	21 52	0 2	5 1	1 30	23 2	7 23	22 14	22 8	8 7	8 47	1 34
T 19	11 23	22 48	0 14	0 48	2 4	14 26	6 9	24 51	1 47	17 57	1 13	20 38	0 12	21 52	0 2	5 2	1 30	23 2	7 22	22 14	22 9	8 5	8 45	1 33
W20	11 44	19 54	0n50	0 35	2 12	14 2	5 56	24 48	1 46	17 56	1 13	20 38	0 12	21 53	0 2	5 3	1 30	23 2	7 22	22 14	22 9	8 2	8 43	1 33
T 21	12 4	16 11	1 51	0 21	2 19	13 38	5 44	24 45	1 46	17 54	1 13	20 38	0 12	21 53	0 2	5 3	1 30	23 2	7 22	22 14	22 10	7 59	8 41	1 32
F 22	12 24	11 53	2 46	0 5	2 25	13 14	5 31	24 41	1 45	17 52	1 13	20 38	0 12	21 54	0 2	5 4	1 30	23 2	7 22	22 15	22 10	7 56	8 38	1 32
S 23	12 44	7 9	3 35	0n13	2 30	12 50	5 17	24 38	1 45	17 51	1 13	20 38	0 12	21 54	0 2	5 5	1 30	23 1	7 22	22 15	22 10	7 53	8 36	1 31
S 24	13 4	2 9	4 14	0 33	2 35	12 27	5 4	24 35	1 45	17 49	1 13	20 37	0 12	21 55	0 2	5 6	1 30	23 1	7 22	22 16	22 11	7 50	8 34	1 31
M25	13 23	2n59	4 42	0 54	2 40	12 4	4 50	24 31	1 44	17 48	1 13	20 37	0 12	21 55	0 2	5 7	1 30	23 1	7 22	22 17	22 11	7 47	8 32	1 31
T 26	13 43	8 3	4 59	1 17	2 43	11 42	4 36	24 27	1 44	17 46	1 13	20 37	0 12	21 56	0 2	5 7	1 30	23 1	7 21	22 18	22 12	7 44	8 30	1 30
W27	14 2	12 54	5 1	1 41	2 46	11 20	4 21	24 23	1 43	17 44	1 13	20 37	0 12	21 56	0 2	5 8	1 30	23 1	7 21	22 20	22 12	7 41	8 28	1 30
T 28	14 21	17 18	4 49	2 7	2 49	10 59	4 7	24 19	1 43	17 43	1 13	20 37	0 11	21 56	0 2	5 9	1 30	23 1	7 21	22 21	22 12	7 38	8 26	1 29
F 29	14 39	20 59	4 22	2 34	2 51	10 40	3 53	24 15	1 42	17 41	1 13	20 37	0 11	21 57	0 2	5 10	1 30	23 1	7 21	22 23	22 13	7 35	8 24	1 29
S 30	14n58	23n40	3n41	3n 2	2s52	10n21	3n39	24n10	1n42	17s39	1n13	20s37	0n11	21n57	0s 2	5n11	1s30	23n 1	7n21	22s24	22s13	7s32	8s22	1s28

Julian Day Number = 2523223.5, Delta T = 159.38 sec
Ecliptic obliquity = 23°24'53, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°28'58, Lahiri = 26°35'59

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2196
geocentric

MAY 2196 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 39 2	11♉29'37	12♊57	15♈44	17°R37	16♋19	24°R14	26♑40	10♊31	16♈45	16♌ 3	16°R22	17♑49	1♓47	17°R48	S 1
M 2	14 42 59	12°27'57	26°23	17° 4	17♈27	16°53	24♏ 6	26°40	10°34	16°47	16° 3	16♑18	17°46	1°54	17♎44	M 2
T 3	14 46 55	13°26'15	9♋59	18°27	17°19	17°27	23°59	26°41	10°37	16°49	16° 4	16°D16	17°43	2° 0	17°40	T 3
W 4	14 50 52	14°24'31	23°45	19°52	17°14	18° 1	23°52	26°41	10°41	16°52	16° 4	16°16	17°40	2° 7	17°37	W 4
T 5	14 54 49	15°22'44	7♌40	21°19	17°12	18°36	23°44	26°R41	10°44	16°54	16° 4	16°17	17°37	2°14	17°33	T 5
F 6	14 58 45	16°20'56	21°45	22°48	17°D12	19°10	23°37	26°41	10°47	16°56	16° 4	16°R17	17°33	2°20	17°29	F 6
S 7	15 2 42	17°19'06	5♍59	24°19	17°14	19°44	23°29	26°41	10°50	16°58	16° 4	16°15	17°30	2°27	17°25	S 7
S 8	15 6 38	18°17'13	20°19	25°52	17°18	20°19	23°22	26°41	10°54	17° 0	16° 5	16°12	17°27	2°34	17°22	S 8
M 9	15 10 35	19°15'19	4♎43	27°27	17°25	20°53	23°14	26°40	10°57	17° 2	16° 5	16° 6	17°24	2°40	17°18	M 9
T 10	15 14 31	20°13'23	19° 5	29° 4	17°34	21°28	23° 6	26°40	11° 0	17° 4	16° 5	15°58	17°21	2°47	17°15	T 10
W11	15 18 28	21°11'25	3♏21	0♑42	17°44	22° 2	22°59	26°39	11° 4	17° 6	16° 6	15°49	17°18	2°54	17°11	W11
T 12	15 22 24	22° 9'25	17°25	2°23	17°58	22°37	22°51	26°39	11° 7	17° 8	16° 6	15°41	17°14	3° 0	17° 8	T 12
F 13	15 26 21	23° 7'24	1♐12	4° 6	18°13	23°11	22°43	26°38	11°10	17° 9	16° 7	15°33	17°11	3° 7	17° 5	F 13
S 14	15 30 18	24° 5'22	14°39	5°51	18°30	23°46	22°36	26°37	11°14	17°11	16° 7	15°27	17° 8	3°14	17° 2	S 14
S 15	15 34 14	25° 3'18	27°44	7°37	18°49	24°21	22°28	26°36	11°17	17°13	16° 7	15°24	17° 5	3°20	16°59	S 15
M16	15 38 11	26° 1'12	10♑28	9°26	19° 9	24°55	22°20	26°35	11°21	17°15	16° 8	15°D22	17° 2	3°27	16°56	M16
T 17	15 42 7	26°59'05	22°52	11°17	19°32	25°30	22°13	26°34	11°24	17°17	16° 8	15°22	16°58	3°34	16°53	T 17
W18	15 46 4	27°56'57	5♒ 2	13° 9	19°56	26° 5	22° 5	26°33	11°28	17°19	16° 9	15°23	16°55	3°41	16°50	W18
T 19	15 50 0	28°54'48	17° 0	15° 4	20°22	26°40	21°58	26°32	11°31	17°21	16°10	15°25	16°52	3°47	16°47	T 19
F 20	15 53 57	29°52'37	28°52	17° 0	20°50	27°15	21°50	26°30	11°34	17°22	16°10	15°R25	16°49	3°54	16°45	F 20
S 21	15 57 53	0♊50'25	10♓43	18°59	21°19	27°50	21°43	26°29	11°38	17°24	16°11	15°25	16°46	4° 1	16°42	S 21
S 22	16 1 50	1°48'12	22°38	20°59	21°49	28°25	21°35	26°27	11°41	17°26	16°11	15°22	16°43	4° 7	16°40	S 22
M23	16 5 47	2°45'58	4♈42	23° 1	22°21	29° 0	21°28	26°26	11°45	17°28	16°12	15°18	16°39	4°14	16°38	M23
T 24	16 9 43	3°43'43	16°58	25° 5	22°55	29°35	21°20	26°24	11°48	17°29	16°13	15°13	16°36	4°21	16°35	T 24
W25	16 13 40	4°41'27	29°29	27°10	23°29	0♌10	21°13	26°22	11°52	17°31	16°14	15° 6	16°33	4°27	16°33	W25
T 26	16 17 36	5°39'10	12♉18	29°17	24° 5	0°45	21° 6	26°20	11°55	17°33	16°14	14°59	16°30	4°34	16°31	T 26
F 27	16 21 33	6°36'51	25°24	1♊25	24°42	1°20	20°59	26°18	11°59	17°34	16°15	14°53	16°27	4°41	16°30	F 27
S 28	16 25 29	7°34'32	8♊47	3°35	25°21	1°56	20°52	26°16	12° 2	17°36	16°16	14°48	16°24	4°47	16°28	S 28
S 29	16 29 26	8°32'11	22°25	5°45	26° 0	2°31	20°45	26°14	12° 6	17°38	16°17	14°44	16°20	4°54	16°26	S 29
M30	16 33 22	9°29'49	6♋16	7°57	26°41	3° 6	20°38	26°12	12°10	17°39	16°18	14°42	16°17	5° 1	16°24	M30
T 31	16 37 19	10♊27'25	20♋16	10♊ 8	27♈22	3♌42	20♏31	26♑ 9	12♊13	17♈41	16♌18	14°D42	16♑14	5♓ 7	16♎23	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15n16	25n 6	2n48	3n32	2s53	10n 3	3n24	24n 6	1n41	17s37	1n13	20s37	0n11	21n58	0s 2	5n11	1s30	23n 0	7n21	22s25	22s14	7s29	8s20	1s28
M 2	15 34	25 6	1 44	4 2	2 53	9 46	3 10	24 1	1 41	17 36	1 13	20 37	0 11	21 58	0 2	5 12	1 30	23 0	7 21	22 25	22 14	7 26	8 18	1 28
T 3	15 51	23 36	0 33	4 34	2 52	9 30	2 56	23 56	1 40	17 34	1 13	20 37	0 11	21 59	0 2	5 13	1 30	23 0	7 21	22 25	22 15	7 23	8 16	1 27
W 4	16 9	20 41	0s40	5 7	2 51	9 16	2 42	23 51	1 40	17 32	1 13	20 37	0 11	21 59	0 2	5 14	1 30	23 0	7 20	22 25	22 15	7 20	8 14	1 27
T 5	16 26	16 32	1 52	5 41	2 49	9 2	2 29	23 46	1 40	17 30	1 13	20 37	0 11	22 0	0 2	5 15	1 30	23 0	7 20	22 25	22 15	7 17	8 12	1 26
F 6	16 43	11 26	2 58	6 16	2 47	8 50	2 15	23 41	1 39	17 29	1 13	20 37	0 11	22 0	0 2	5 15	1 30	23 0	7 20	22 25	22 16	7 14	8 11	1 26
S 7	16 59	5 41	3 53	6 52	2 44	8 38	2 2	23 36	1 39	17 27	1 13	20 37	0 11	22 1	0 2	5 16	1 30	22 59	7 20	22 26	22 16	7 11	8 9	1 25
S 8	17 15	0s23	4 35	7 29	2 41	8 28	1 49	23 30	1 38	17 25	1 13	20 37	0 11	22 1	0 2	5 17	1 30	22 59	7 20	22 26	22 17	7 8	8 7	1 25
M 9	17 31	6 27	4 59	8 7	2 37	8 19	1 37	23 24	1 38	17 23	1 13	20 37	0 11	22 2	0 2	5 18	1 30	22 59	7 20	22 27	22 17	7 6	8 5	1 24
T 10	17 47	12 10	5 5	8 45	2 33	8 11	1 24	23 18	1 37	17 21	1 13	20 38	0 11	22 2	0 2	5 18	1 30	22 59	7 20	22 28	22 17	7 3	8 3	1 24
W11	18 2	17 11	4 51	9 24	2 28	8 4	1 12	23 12	1 37	17 19	1 13	20 38	0 11	22 3	0 2	5 19	1 30	22 58	7 20	22 29	22 18	7 0	8 2	1 23
T 12	18 17	21 10	4 20	10 4	2 22	7 58	1 0	23 6	1 36	17 17	1 13	20 38	0 11	22 3	0 2	5 20	1 30	22 58	7 19	22 30	22 18	6 57	8 0	1 23
F 13	18 32	23 52	3 34	10 44	2 16	7 53	0 49	23 0	1 36	17 16	1 13	20 38	0 11	22 3	0 2	5 20	1 30	22 58	7 19	22 31	22 19	6 54	7 58	1 22
S 14	18 46	25 8	2 37	11 25	2 10	7 50	0 38	22 54	1 36	17 14	1 13	20 38	0 10	22 4	0 2	5 21	1 30	22 58	7 19	22 31	22 19	6 51	7 57	1 22
S 15	19 1	24 57	1 34	12 6	2 3	7 47	0 27	22 47	1 35	17 12	1 13	20 39	0 10	22 4	0 2	5 22	1 30	22 57	7 19	22 32	22 19	6 48	7 55	1 21
M16	19 14	23 27	0 26	12 48	1 55	7 45	0 17	22 40	1 35	17 10	1 12	20 39	0 10	22 5	0 2	5 22	1 31	22 57	7 19	22 32	22 20	6 45	7 53	1 21
T 17	19 28	20 49	0n40	13 30	1 48	7 44	0 7	22 34	1 34	17 8	1 12	20 39	0 10	22 5	0 2	5 23	1 31	22 57	7 19	22 32	22 20	6 42	7 52	1 20
W18	19 41	17 18	1 44	14 12	1 39	7 44	0s 3	22 27	1 34	17 6	1 12	20 39	0 10	22 6	0 2	5 24	1 31	22 57	7 19	22 32	22 21	6 39	7 50	1 20
T 19	19 54	13 9	2 42	14 54	1 31	7 45	0 13	22 20	1 33	17 5	1 12	20 40	0 10	22 6	0 2	5 24	1 31	22 56	7 19	22 32	22 21	6 36	7 49	1 20
F 20	20 6	8 31	3 33	15 36	1 22	7 47	0 22	22 12	1 33	17 3	1 12	20 40	0 10	22 7	0 2	5 25	1 31	22 56	7 18	22 31	22 21	6 33	7 48	1 19
S 21	20 18	3 37	4 15	16 17	1 12	7 50	0 31	22 5	1 32	17 1	1 12	20 40	0 10	22 7	0 2	5 26	1 31	22 56	7 18	22 32	22 22	6 30	7 46	1 19
S 22	20 30	1n27	4 45	16 59	1 2	7 53	0 39	21 57	1 32	16 59	1 12	20 41	0 10	22 8	0 2	5 26	1 31	22 55	7 18	22 32	22 22	6 27	7 45	1 18
M23	20 41	6 31	5 4	17 40	0 52	7 58	0 48	21 50	1 31	16 57	1 12	20 41	0 10	22 8	0 2	5 27	1 31	22 55	7 18	22 32	22 23	6 24	7 43	1 18
T 24	20 53	11 25	5 9	18 20	0 42	8 2	0 55	21 42	1 31	16 56	1 12	20 41	0 10	22 9	0 2	5 28	1 31	22 55	7 18	22 33	22 23	6 21	7 42	1 17
W25	21 3	15 57	5 0	18 59	0 32	8 8	1 3	21 34	1 31	16 54	1 11	20 42	0 10	22 9	0 2	5 28	1 31	22 54	7 18	22 34	22 23	6 18	7 41	1 17
T 26	21 14	19 52	4 35	19 38	0 21	8 14	1 11	21 26	1 30	16 52	1 11	20 42	0 10	22 10	0 2	5 29	1 31	22 54	7 18	22 34	22 24	6 15	7 40	1 16
F 27	21 23	22 54	3 56	20 15	0 11	8 21	1 18	21 18	1 30	16 50	1 11	20 43	0 10	22 10	0 2	5 29	1 31	22 54	7 18	22 35	22 24	6 12	7 38	1 16
S 28	21 33	24 45	3 3	20 51	0 0	8 29	1 24	21 9	1 29	16 49	1 11	20 43	0 10	22 11	0 2	5 30	1 31	22 53	7 17	22 36	22 25	6 9	7 37	1 15
S 29	21 42	25 10	1 58	21 25	0n11	8 37	1 31	21 1	1 29	16 47	1 11	20 44	0 9	22 11	0 2	5 31	1 31	22 53	7 17	22 36	22 25	6 6	7 36	1 15
M30	21 51	24 2	0 46	21 57	0 21	8 46	1 37	20 52	1 28	16 45	1 11	20 44	0 9	22 12	0 2	5 31	1 31	22 53	7 17	22 36	22 25	6 3	7 35	1 14
T 31	22n 0	21n23	0s30	22n28	0n31	8n55	1s43	20n44	1n28	16s44	1n10	20s45	0n 9	22n12	0s 2	5n32	1s31	22n52	7n17	22s36	22s26	6s 0	7s34	1s14

Julian Day Number = 2523253.5, Delta T = 159.45 sec
Ecliptic obliquity = 23°24'52, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°29'02, Lahiri = 26°36'03

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2196
geocentric

JUNE 2196 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 41 16	11♊25'01	4♌23	12♊20	28♈ 4	4♌17	20°R24	26°R 7	12♊17	17♈42	16♌19	14♑43	16♑11	5♓14	16°R22	W 1
T 2	16 45 12	12°22'35	18°34	14°32	28°48	4°53	20♏17	26♑ 4	12°20	17°44	16°20	14°45	16° 8	5°21	16♎20	T 2
F 3	16 49 9	13°20'07	2♍47	16°44	29°32	5°28	20°11	26° 2	12°24	17°45	16°21	14°46	16° 4	5°28	16°19	F 3
S 4	16 53 5	14°17'38	16°59	18°55	0♉17	6° 3	20° 4	25°59	12°27	17°47	16°22	14°R46	16° 1	5°34	16°18	S 4
S 5	16 57 2	15°15'08	1♎ 9	21° 6	1° 3	6°39	19°58	25°57	12°31	17°48	16°23	14°45	15°58	5°41	16°17	S 5
M 6	17 0 58	16°12'36	15°14	23°15	1°50	7°15	19°52	25°54	12°34	17°50	16°24	14°43	15°55	5°48	16°17	M 6
T 7	17 4 55	17°10'03	29°12	25°23	2°38	7°50	19°46	25°51	12°38	17°51	16°25	14°40	15°52	5°54	16°16	T 7
W 8	17 8 51	18° 7'29	13♏ 1	27°29	3°26	8°26	19°40	25°48	12°41	17°52	16°26	14°36	15°49	6° 1	16°15	W 8
T 9	17 12 48	19° 4'54	26°38	29°34	4°15	9° 1	19°34	25°45	12°45	17°54	16°27	14°32	15°45	6° 8	16°15	T 9
F 10	17 16 45	20° 2'18	10♐ 0	1♋37	5° 5	9°37	19°28	25°42	12°48	17°55	16°28	14°29	15°42	6°14	16°14	F 10
S 11	17 20 41	20°59'41	23° 6	3°38	5°55	10°13	19°22	25°39	12°52	17°56	16°30	14°27	15°39	6°21	16°14	S 11
S 12	17 24 38	21°57'04	5♑56	5°36	6°47	10°49	19°17	25°35	12°55	17°57	16°31	14°25	15°36	6°28	16°14	S 12
M13	17 28 34	22°54'25	18°30	7°33	7°38	11°24	19°12	25°32	12°59	17°59	16°32	14°D25	15°33	6°34	16°D14	M13
T 14	17 32 31	23°51'46	0♒50	9°27	8°31	12° 0	19° 6	25°29	13° 2	18° 0	16°33	14°26	15°30	6°41	16°14	T 14
W15	17 36 27	24°49'06	12°56	11°19	9°24	12°36	19° 1	25°25	13° 6	18° 1	16°34	14°27	15°26	6°48	16°14	W15
T 16	17 40 24	25°46'26	24°54	13° 8	10°17	13°12	18°56	25°22	13° 9	18° 2	16°36	14°29	15°23	6°55	16°15	T 16
F 17	17 44 21	26°43'45	6♓47	14°56	11°11	13°48	18°52	25°18	13°13	18° 3	16°37	14°30	15°20	7° 1	16°15	F 17
S 18	17 48 17	27°41'04	18°39	16°40	12° 6	14°24	18°47	25°15	13°16	18° 4	16°38	14°31	15°17	7° 8	16°15	S 18
S 19	17 52 14	28°38'23	0♈34	18°22	13° 1	15° 0	18°43	25°11	13°20	18° 5	16°39	14°R31	15°14	7°15	16°16	S 19
M20	17 56 10	29°35'41	12°39	20° 2	13°56	15°36	18°38	25° 7	13°23	18° 6	16°41	14°31	15°10	7°21	16°17	M20
T 21	18 0 7	0♋32'59	24°56	21°39	14°52	16°12	18°34	25° 3	13°26	18° 7	16°42	14°30	15° 7	7°28	16°18	T 21
W22	18 4 3	1°30'16	7♉30	23°14	15°49	16°48	18°30	25° 0	13°30	18° 8	16°43	14°28	15° 4	7°35	16°19	W22
T 23	18 8 0	2°27'34	20°24	24°46	16°46	17°24	18°26	24°56	13°33	18° 9	16°45	14°27	15° 1	7°41	16°20	T 23
F 24	18 11 56	3°24'51	3♊39	26°16	17°43	18° 0	18°22	24°52	13°37	18°10	16°46	14°25	14°58	7°48	16°21	F 24
S 25	18 15 53	4°22'08	17°16	27°43	18°41	18°36	18°19	24°48	13°40	18°11	16°47	14°24	14°55	7°55	16°22	S 25
S 26	18 19 50	5°19'24	1♋14	29° 8	19°39	19°13	18°16	24°44	13°43	18°12	16°49	14°23	14°51	8° 2	16°24	S 26
M27	18 23 46	6°16'41	15°28	0♌30	20°38	19°49	18°12	24°40	13°47	18°12	16°50	14°D23	14°48	8° 8	16°25	M27
T 28	18 27 43	7°13'57	29°55	1°49	21°37	20°25	18° 9	24°36	13°50	18°13	16°52	14°23	14°45	8°15	16°27	T 28
W29	18 31 39	8°11'12	14♌28	3° 6	22°36	21° 1	18° 7	24°32	13°53	18°14	16°53	14°24	14°42	8°22	16°29	W29
T 30	18 35 36	9♋ 8'27	29♌ 3	4♌20	23♉36	21♌38	18♏ 4	24♑27	13♊57	18♈15	16♌55	14♑24	14♑39	8♓28	16♎31	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n 8	17n26	1s45	22n56	0n41	9n 5	1s49	20n35	1n27	16s42	1n10	20s45	0n 9	22n13	0s 2	5n32	1s31	22n52	7n17	22s36	22s26	5s57	7s33	1s13
T 2	22 15	12 29	2 54	23 22	0 51	9 15	1 54	20 26	1 27	16 40	1 10	20 46	0 9	22 13	0 2	5 33	1 31	22 51	7 17	22 36	22 26	5 55	7 32	1 13
F 3	22 23	6 51	3 53	23 45	1 0	9 26	2 0	20 17	1 26	16 39	1 10	20 46	0 9	22 13	0 2	5 33	1 31	22 51	7 17	22 36	22 27	5 52	7 31	1 12
S 4	22 29	0 53	4 37	24 6	1 9	9 37	2 5	20 8	1 26	16 37	1 10	20 47	0 9	22 14	0 2	5 34	1 31	22 51	7 17	22 36	22 27	5 49	7 31	1 12
S 5	22 36	5s 6	5 4	24 24	1 17	9 48	2 9	19 58	1 25	16 36	1 10	20 47	0 9	22 14	0 2	5 34	1 31	22 50	7 17	22 36	22 28	5 46	7 30	1 11
M 6	22 42	10 48	5 13	24 39	1 25	10 0	2 14	19 49	1 25	16 34	1 9	20 48	0 9	22 15	0 2	5 35	1 31	22 50	7 16	22 36	22 28	5 43	7 29	1 11
T 7	22 48	15 54	5 3	24 51	1 32	10 12	2 18	19 39	1 25	16 33	1 9	20 49	0 9	22 15	0 2	5 35	1 31	22 49	7 16	22 37	22 28	5 40	7 28	1 10
W 8	22 53	20 6	4 36	25 1	1 38	10 25	2 22	19 29	1 24	16 31	1 9	20 49	0 9	22 16	0 2	5 36	1 32	22 49	7 16	22 37	22 29	5 37	7 28	1 10
T 9	22 58	23 9	3 53	25 8	1 43	10 38	2 26	19 20	1 24	16 30	1 9	20 50	0 9	22 16	0 2	5 36	1 32	22 49	7 16	22 37	22 29	5 34	7 27	1 9
F 10	23 2	24 52	2 58	25 13	1 48	10 51	2 30	19 10	1 23	16 29	1 9	20 51	0 9	22 17	0 2	5 37	1 32	22 48	7 16	22 38	22 29	5 31	7 26	1 9
S 11	23 7	25 9	1 55	25 14	1 52	11 4	2 33	19 0	1 23	16 27	1 8	20 51	0 8	22 17	0 2	5 37	1 32	22 48	7 16	22 38	22 30	5 28	7 26	1 8
S 12	23 10	24 3	0 47	25 13	1 56	11 18	2 36	18 49	1 22	16 26	1 8	20 52	0 8	22 18	0 2	5 37	1 32	22 47	7 16	22 38	22 30	5 25	7 25	1 8
M13	23 13	21 46	0n23	25 10	1 58	11 32	2 39	18 39	1 22	16 25	1 8	20 53	0 8	22 18	0 2	5 38	1 32	22 47	7 16	22 38	22 31	5 22	7 25	1 7
T 14	23 16	18 30	1 29	25 5	2 0	11 46	2 42	18 29	1 21	16 24	1 8	20 53	0 8	22 18	0 2	5 38	1 32	22 46	7 16	22 38	22 31	5 19	7 24	1 7
W15	23 19	14 30	2 31	24 57	2 1	12 0	2 45	18 18	1 21	16 22	1 8	20 54	0 8	22 19	0 2	5 39	1 32	22 46	7 16	22 38	22 31	5 16	7 24	1 6
T 16	23 21	9 59	3 25	24 47	2 2	12 15	2 47	18 7	1 20	16 21	1 7	20 55	0 8	22 19	0 2	5 39	1 32	22 45	7 16	22 38	22 32	5 13	7 24	1 6
F 17	23 22	5 8	4 10	24 35	2 1	12 29	2 49	17 57	1 20	16 20	1 7	20 55	0 8	22 20	0 2	5 39	1 32	22 45	7 15	22 38	22 32	5 10	7 24	1 6
S 18	23 24	0 7	4 44	24 22	2 0	12 44	2 51	17 46	1 19	16 19	1 7	20 56	0 8	22 20	0 2	5 40	1 32	22 45	7 15	22 37	22 32	5 7	7 23	1 5
S 19	23 24	4n55	5 7	24 7	1 58	12 59	2 53	17 35	1 19	16 18	1 7	20 57	0 8	22 21	0 2	5 40	1 32	22 44	7 15	22 37	22 33	5 4	7 23	1 5
M20	23 25	9 50	5 16	23 50	1 56	13 13	2 55	17 24	1 19	16 17	1 6	20 58	0 8	22 21	0 2	5 40	1 32	22 44	7 15	22 37	22 33	5 1	7 23	1 4
T 21	23 25	14 27	5 11	23 32	1 53	13 28	2 56	17 12	1 18	16 16	1 6	20 58	0 8	22 22	0 2	5 41	1 32	22 43	7 15	22 38	22 33	4 58	7 23	1 4
W22	23 24	18 35	4 51	23 12	1 49	13 43	2 58	17 1	1 18	16 15	1 6	20 59	0 8	22 22	0 2	5 41	1 32	22 43	7 15	22 38	22 34	4 55	7 23	1 3
T 23	23 23	21 56	4 16	22 51	1 44	13 58	2 59	16 50	1 17	16 15	1 6	21 0	0 8	22 22	0 2	5 41	1 32	22 42	7 15	22 38	22 34	4 52	7 23	1 3
F 24	23 22	24 15	3 27	22 29	1 39	14 13	3 0	16 38	1 17	16 14	1 6	21 1	0 7	22 23	0 2	5 42	1 32	22 42	7 15	22 38	22 35	4 49	7 23	1 2
S 25	23 21	25 12	2 25	22 7	1 33	14 28	3 1	16 27	1 16	16 13	1 5	21 1	0 7	22 23	0 2	5 42	1 32	22 41	7 15	22 38	22 35	4 46	7 23	1 2
S 26	23 18	24 37	1 12	21 43	1 26	14 43	3 1	16 15	1 16	16 12	1 5	21 2	0 7	22 24	0 2	5 42	1 32	22 41	7 15	22 38	22 35	4 43	7 23	1 1
M27	23 16	22 25	0s 6	21 19	1 19	14 58	3 2	16 3	1 15	16 12	1 5	21 3	0 7	22 24	0 2	5 42	1 33	22 40	7 15	22 38	22 36	4 40	7 23	1 1
T 28	23 13	18 46	1 25	20 54	1 11	15 13	3 2	15 51	1 15	16 11	1 5	21 4	0 7	22 24	0 2	5 43	1 33	22 40	7 15	22 38	22 36	4 37	7 23	1 0
W29	23 10	13 56	2 39	20 28	1 3	15 27	3 3	15 39	1 14	16 11	1 4	21 5	0 7	22 25	0 2	5 43	1 33	22 39	7 15	22 38	22 36	4 35	7 24	1 0
T 30	23n 6	8n18	3s43	20n 2	0n54	15n42	3s 3	15n27	1n14	16s10	1n 4	21s 6	0n 7	22n25	0s 2	5n43	1s33	22n39	7n15	22s38	22s37	4s32	7s24	0s59

Julian Day Number = 2523284.5, Delta T = 159.53 sec
Ecliptic obliquity = 23°24'52, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°29'07, Lahiri = 26°36'07

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2196
geocentric

JULY 2196 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 39 32	10♋ 5'41	13♍33	5♌31	24♉35	22♌14	18°R 1	24°R23	14♊ 0	18♈15	16♌56	14♑25	14♑36	8♓35	16♎33	F 1
S 2	18 43 29	11° 2'55	27°55	6°39	25°36	22°51	17♏59	24♑19	14° 3	18°16	16°58	14°25	14°32	8°42	16°35	S 2
S 3	18 47 25	12° 0'08	12♎ 5	7°44	26°36	23°27	17°57	24°15	14° 6	18°17	16°59	14°R25	14°29	8°48	16°37	S 3
M 4	18 51 22	12°57'21	26° 1	8°47	27°37	24° 4	17°55	24°10	14° 9	18°17	17° 1	14°25	14°26	8°55	16°39	M 4
T 5	18 55 19	13°54'34	9♏44	9°46	28°38	24°40	17°53	24° 6	14°13	18°18	17° 2	14°D25	14°23	9° 2	16°42	T 5
W 6	18 59 15	14°51'46	23°11	10°42	29°40	25°17	17°52	24° 2	14°16	18°18	17° 4	14°25	14°20	9° 8	16°44	W 6
T 7	19 3 12	15°48'58	6♐23	11°34	0♊41	25°53	17°50	23°57	14°19	18°19	17° 5	14°25	14°16	9°15	16°47	T 7
F 8	19 7 8	16°46'10	19°21	12°23	1°43	26°30	17°49	23°53	14°22	18°19	17° 7	14°25	14°13	9°22	16°50	F 8
S 9	19 11 5	17°43'22	2♑ 6	13° 9	2°46	27° 6	17°48	23°49	14°25	18°19	17° 9	14°25	14°10	9°29	16°52	S 9
S 10	19 15 1	18°40'33	14°38	13°51	3°48	27°43	17°47	23°44	14°28	18°20	17°10	14°R25	14° 7	9°35	16°55	S 10
M11	19 18 58	19°37'45	26°58	14°29	4°51	28°20	17°47	23°40	14°31	18°20	17°12	14°25	14° 4	9°42	16°58	M11
T 12	19 22 54	20°34'57	9♒ 8	15° 3	5°54	28°56	17°46	23°36	14°34	18°21	17°14	14°25	14° 1	9°49	17° 2	T 12
W13	19 26 51	21°32'09	21°10	15°33	6°57	29°33	17°46	23°31	14°37	18°21	17°15	14°24	13°57	9°55	17° 5	W13
T 14	19 30 48	22°29'21	3♓ 5	15°59	8° 1	0♍10	17°D46	23°27	14°40	18°21	17°17	14°23	13°54	10° 2	17° 8	T 14
F 15	19 34 44	23°26'34	14°57	16°21	9° 4	0°47	17°46	23°22	14°43	18°21	17°19	14°22	13°51	10° 9	17°12	F 15
S 16	19 38 41	24°23'47	26°48	16°38	10° 8	1°23	17°46	23°18	14°46	18°21	17°20	14°21	13°48	10°15	17°15	S 16
S 17	19 42 37	25°21'01	8♈43	16°50	11°13	2° 0	17°46	23°13	14°49	18°22	17°22	14°20	13°45	10°22	17°19	S 17
M18	19 46 34	26°18'15	20°47	16°58	12°17	2°37	17°47	23° 9	14°52	18°22	17°24	14°D19	13°42	10°29	17°23	M18
T 19	19 50 30	27°15'29	3♉ 2	17°R 1	13°22	3°14	17°48	23° 5	14°55	18°22	17°25	14°19	13°38	10°36	17°27	T 19
W20	19 54 27	28°12'45	15°34	16°59	14°26	3°51	17°49	23° 0	14°57	18°22	17°27	14°20	13°35	10°42	17°31	W20
T 21	19 58 23	29°10'01	28°26	16°52	15°31	4°28	17°50	22°56	15° 0	18°R22	17°29	14°21	13°32	10°49	17°35	T 21
F 22	20 2 20	0♌ 7'18	11♊43	16°40	16°37	5° 5	17°51	22°51	15° 3	18°22	17°30	14°22	13°29	10°56	17°39	F 22
S 23	20 6 17	1° 4'36	25°24	16°24	17°42	5°42	17°52	22°47	15° 6	18°22	17°32	14°23	13°26	11° 2	17°43	S 23
S 24	20 10 13	2° 1'54	9♋31	16° 3	18°48	6°19	17°54	22°43	15° 8	18°22	17°34	14°R24	13°22	11° 9	17°47	S 24
M25	20 14 10	2°59'13	24° 0	15°38	19°53	6°56	17°56	22°38	15°11	18°22	17°36	14°24	13°19	11°16	17°52	M25
T 26	20 18 6	3°56'32	8♌47	15° 8	20°59	7°34	17°58	22°34	15°14	18°21	17°38	14°23	13°16	11°22	17°56	T 26
W27	20 22 3	4°53'52	23°44	14°35	22° 5	8°11	18° 0	22°30	15°16	18°21	17°39	14°21	13°13	11°29	18° 1	W27
T 28	20 25 59	5°51'13	8♍43	13°58	23°12	8°48	18° 2	22°26	15°19	18°21	17°41	14°18	13°10	11°36	18° 6	T 28
F 29	20 29 56	6°48'34	23°36	13°19	24°18	9°25	18° 5	22°21	15°21	18°21	17°43	14°15	13° 7	11°43	18°11	F 29
S 30	20 33 52	7°45'55	8♎14	12°37	25°24	10° 3	18° 8	22°17	15°24	18°21	17°45	14°13	13° 3	11°49	18°15	S 30
S 31	20 37 49	8♌43'17	22♎34	11♌54	26♊31	10♍40	18♏11	22♑13	15♊26	18♈20	17♌46	14♑11	13♑ 0	11♓56	18♎20	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n 2	2n16	4s32	19n36	0n45	15n57	3s 3	15n15	1n13	16s10	1n 4	21s 6	0n 7	22n26	0s 2	5n43	1s33	22n38	7n15	22s38	22s37	4s29	7s24	0s59
S 2	22 57	3s49	5 4	19 9	0 35	16 11	3 2	15 2	1 13	16 9	1 4	21 7	0 7	22 26	0 2	5 43	1 33	22 38	7 14	22 38	22 37	4 26	7 25	0 59
S 3	22 52	9 38	5 17	18 42	0 24	16 25	3 2	14 50	1 13	16 9	1 3	21 8	0 7	22 26	0 2	5 44	1 33	22 37	7 14	22 38	22 38	4 23	7 25	0 58
M 4	22 47	14 52	5 11	18 16	0 13	16 39	3 2	14 37	1 12	16 9	1 3	21 9	0 7	22 27	0 2	5 44	1 33	22 37	7 14	22 38	22 38	4 20	7 26	0 58
T 5	22 41	19 15	4 47	17 49	0 2	16 53	3 1	14 25	1 12	16 8	1 3	21 10	0 7	22 27	0 2	5 44	1 33	22 36	7 14	22 38	22 38	4 17	7 26	0 57
W 6	22 35	22 32	4 8	17 23	0s10	17 7	3 0	14 12	1 11	16 8	1 3	21 10	0 6	22 28	0 2	5 44	1 33	22 35	7 14	22 38	22 39	4 14	7 27	0 57
T 7	22 29	24 34	3 16	16 56	0 22	17 21	3 0	13 59	1 11	16 8	1 2	21 11	0 6	22 28	0 2	5 44	1 33	22 35	7 14	22 38	22 39	4 11	7 27	0 56
F 8	22 22	25 13	2 15	16 31	0 35	17 34	2 59	13 46	1 10	16 8	1 2	21 12	0 6	22 28	0 2	5 44	1 33	22 34	7 14	22 38	22 39	4 8	7 28	0 56
S 9	22 15	24 32	1 8	16 5	0 48	17 47	2 58	13 33	1 10	16 8	1 2	21 13	0 6	22 29	0 2	5 44	1 33	22 34	7 14	22 38	22 40	4 5	7 29	0 55
S 10	22 7	22 36	0n 1	15 40	1 1	18 0	2 57	13 20	1 9	16 8	1 2	21 14	0 6	22 29	0 2	5 45	1 33	22 33	7 14	22 38	22 40	4 2	7 29	0 55
M11	21 59	19 37	1 9	15 16	1 15	18 12	2 55	13 7	1 9	16 8	1 1	21 15	0 6	22 29	0 2	5 45	1 33	22 33	7 14	22 38	22 40	3 59	7 30	0 54
T 12	21 50	15 49	2 13	14 53	1 29	18 25	2 54	12 54	1 8	16 8	1 1	21 16	0 6	22 30	0 2	5 45	1 33	22 32	7 14	22 38	22 41	3 56	7 31	0 54
W13	21 42	11 26	3 10	14 31	1 43	18 37	2 52	12 41	1 8	16 8	1 1	21 16	0 6	22 30	0 2	5 45	1 33	22 32	7 14	22 38	22 41	3 53	7 32	0 54
T 14	21 32	6 40	3 58	14 9	1 58	18 49	2 51	12 27	1 7	16 8	1 1	21 17	0 6	22 30	0 2	5 45	1 33	22 31	7 14	22 38	22 41	3 50	7 33	0 53
F 15	21 23	1 41	4 36	13 49	2 12	19 0	2 49	12 14	1 7	16 9	1 0	21 18	0 6	22 31	0 2	5 45	1 34	22 31	7 14	22 38	22 42	3 47	7 34	0 53
S 16	21 13	3n21	5 2	13 30	2 26	19 11	2 47	12 0	1 6	16 9	1 0	21 19	0 6	22 31	0 2	5 45	1 34	22 30	7 14	22 39	22 42	3 44	7 34	0 52
S 17	21 3	8 17	5 15	13 13	2 41	19 22	2 46	11 47	1 6	16 9	1 0	21 20	0 5	22 31	0 2	5 45	1 34	22 30	7 14	22 39	22 42	3 41	7 35	0 52
M18	20 52	12 57	5 14	12 57	2 55	19 32	2 44	11 33	1 5	16 10	1 0	21 21	0 5	22 32	0 2	5 45	1 34	22 29	7 14	22 39	22 43	3 38	7 37	0 51
T 19	20 41	17 12	5 0	12 43	3 9	19 42	2 42	11 19	1 5	16 10	0 59	21 21	0 5	22 32	0 2	5 45	1 34	22 29	7 14	22 39	22 43	3 35	7 38	0 51
W20	20 30	20 48	4 31	12 30	3 23	19 52	2 39	11 5	1 4	16 11	0 59	21 22	0 5	22 32	0 2	5 45	1 34	22 28	7 14	22 39	22 43	3 32	7 39	0 51
T 21	20 18	23 29	3 47	12 19	3 37	20 1	2 37	10 51	1 4	16 11	0 59	21 23	0 5	22 33	0 2	5 45	1 34	22 27	7 14	22 39	22 44	3 29	7 40	0 50
F 22	20 6	24 59	2 51	12 10	3 50	20 10	2 35	10 37	1 4	16 12	0 58	21 24	0 5	22 33	0 2	5 45	1 34	22 27	7 14	22 38	22 44	3 26	7 41	0 50
S 23	19 54	25 3	1 43	12 3	4 2	20 19	2 33	10 23	1 3	16 13	0 58	21 25	0 5	22 33	0 2	5 45	1 34	22 26	7 14	22 38	22 44	3 24	7 42	0 49
S 24	19 41	23 31	0 27	11 59	4 13	20 27	2 30	10 9	1 3	16 13	0 58	21 25	0 5	22 34	0 2	5 44	1 34	22 26	7 14	22 38	22 45	3 21	7 44	0 49
M25	19 28	20 25	0s53	11 56	4 24	20 35	2 28	9 55	1 2	16 14	0 58	21 26	0 5	22 34	0 2	5 44	1 34	22 25	7 14	22 38	22 45	3 18	7 45	0 48
T 26	19 15	15 57	2 10	11 56	4 33	20 42	2 25	9 41	1 2	16 15	0 57	21 27	0 5	22 34	0 2	5 44	1 34	22 25	7 14	22 38	22 45	3 15	7 46	0 48
W27	19 1	10 27	3 20	11 57	4 41	20 49	2 22	9 26	1 1	16 16	0 57	21 28	0 5	22 35	0 2	5 44	1 34	22 24	7 14	22 39	22 46	3 12	7 48	0 48
T 28	18 47	4 20	4 16	12 1	4 48	20 55	2 20	9 12	1 1	16 17	0 57	21 29	0 5	22 35	0 2	5 44	1 34	22 24	7 14	22 39	22 46	3 9	7 49	0 47
F 29	18 33	1s58	4 54	12 7	4 53	21 1	2 17	8 58	1 0	16 17	0 57	21 29	0 4	22 35	0 2	5 44	1 34	22 23	7 14	22 39	22 46	3 6	7 51	0 47
S 30	18 19	8 3	5 13	12 15	4 57	21 6	2 14	8 43	1 0	16 18	0 56	21 30	0 4	22 35	0 1	5 44	1 34	22 23	7 14	22 39	22 46	3 3	7 52	0 46
S 31	18n 4	13s35	5s11	12n25	4s59	21n11	2s11	8n28	0n59	16s19	0n56	21s31	0n 4	22n36	0s 1	5n44	1s34	22n22	7n14	22s40	22s47	3s 0	7s54	0s46

Julian Day Number = 2523314.5, Delta T = 159.61 sec
Ecliptic obliquity = 23°24'51, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°29'11, Lahiri = 26°36'11

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2196
geocentric

AUGUST 2196 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 41 46	9♌40'39	6♏32	11°R 9	27♊38	11♍17	18♏14	22°R 9	15♊28	18°R20	17♌48	14°D10	12♉57	12♓ 3	18♎25	M 1
T 2	20 45 42	10°38'02	20° 8	10♌25	28°45	11°55	18°17	22♉ 5	15°31	18♈19	17°50	14♉10	12°54	12° 9	18°31	T 2
W 3	20 49 39	11°35'25	3♐23	9°42	29°52	12°32	18°20	22° 1	15°33	18°19	17°52	14°11	12°51	12°16	18°36	W 3
T 4	20 53 35	12°32'49	16°20	9° 0	1♋ 0	13° 9	18°24	21°57	15°35	18°19	17°54	14°13	12°48	12°23	18°41	T 4
F 5	20 57 32	13°30'13	29° 0	8°20	2° 7	13°47	18°28	21°53	15°38	18°18	17°55	14°14	12°44	12°30	18°47	F 5
S 6	21 1 28	14°27'39	11♉26	7°44	3°15	14°24	18°31	21°49	15°40	18°18	17°57	14°R15	12°41	12°36	18°52	S 6
S 7	21 5 25	15°25'05	23°42	7°11	4°22	15° 2	18°36	21°45	15°42	18°17	17°59	14°15	12°38	12°43	18°58	S 7
M 8	21 9 22	16°22'31	5♒50	6°43	5°30	15°40	18°40	21°41	15°44	18°17	18° 1	14°13	12°35	12°50	19° 3	M 8
T 9	21 13 18	17°19'59	17°50	6°20	6°38	16°17	18°44	21°37	15°46	18°16	18° 3	14°10	12°32	12°56	19° 9	T 9
W10	21 17 15	18°17'28	29°46	6° 3	7°46	16°55	18°49	21°34	15°48	18°15	18° 5	14° 5	12°28	13° 3	19°15	W10
T 11	21 21 11	19°14'57	11♓38	5°52	8°54	17°33	18°53	21°30	15°50	18°15	18° 6	13°59	12°25	13°10	19°21	T 11
F 12	21 25 8	20°12'28	23°30	5°D47	10° 3	18°10	18°58	21°26	15°52	18°14	18° 8	13°52	12°22	13°16	19°27	F 12
S 13	21 29 4	21°10'00	5♈22	5°49	11°11	18°48	19° 3	21°23	15°54	18°13	18°10	13°46	12°19	13°23	19°33	S 13
S 14	21 33 1	22° 7'33	17°18	5°57	12°20	19°26	19° 8	21°19	15°56	18°13	18°12	13°40	12°16	13°30	19°39	S 14
M15	21 36 57	23° 5'08	29°21	6°13	13°29	20° 4	19°14	21°16	15°58	18°12	18°14	13°36	12°13	13°37	19°45	M15
T 16	21 40 54	24° 2'44	11♉35	6°36	14°38	20°41	19°19	21°13	16° 0	18°11	18°15	13°33	12° 9	13°43	19°51	T 16
W17	21 44 50	25° 0'22	24° 3	7° 6	15°47	21°19	19°25	21° 9	16° 1	18°10	18°17	13°D33	12° 6	13°50	19°58	W17
T 18	21 48 47	25°58'01	6♊51	7°43	16°56	21°57	19°31	21° 6	16° 3	18° 9	18°19	13°33	12° 3	13°57	20° 4	T 18
F 19	21 52 44	26°55'42	20° 1	8°27	18° 5	22°35	19°37	21° 3	16° 5	18° 9	18°21	13°34	12° 0	14° 3	20°11	F 19
S 20	21 56 40	27°53'24	3♋38	9°18	19°15	23°13	19°43	21° 0	16° 6	18° 8	18°23	13°35	11°57	14°10	20°17	S 20
S 21	22 0 37	28°51'08	17°43	10°15	20°24	23°51	19°49	20°57	16° 8	18° 7	18°24	13°R36	11°53	14°17	20°24	S 21
M22	22 4 33	29°48'54	2♌14	11°20	21°34	24°29	19°55	20°54	16°10	18° 6	18°26	13°34	11°50	14°24	20°31	M22
T 23	22 8 30	0♍46'40	17° 8	12°30	22°43	25° 7	20° 2	20°51	16°11	18° 5	18°28	13°31	11°47	14°30	20°37	T 23
W24	22 12 26	1°44'29	2♍18	13°46	23°53	25°46	20° 8	20°48	16°12	18° 4	18°30	13°26	11°44	14°37	20°44	W24
T 25	22 16 23	2°42'18	17°34	15° 8	25° 3	26°24	20°15	20°45	16°14	18° 3	18°32	13°19	11°41	14°44	20°51	T 25
F 26	22 20 19	3°40'09	2♎45	16°35	26°13	27° 2	20°22	20°43	16°15	18° 2	18°33	13°11	11°38	14°50	20°58	F 26
S 27	22 24 16	4°38'01	17°40	18° 7	27°23	27°40	20°29	20°40	16°16	18° 1	18°35	13° 4	11°34	14°57	21° 5	S 27
S 28	22 28 13	5°35'55	2♏14	19°43	28°33	28°19	20°36	20°38	16°18	17°59	18°37	12°58	11°31	15° 4	21°12	S 28
M29	22 32 9	6°33'50	16°20	21°24	29°44	28°57	20°44	20°35	16°19	17°58	18°39	12°54	11°28	15°10	21°19	M29
T 30	22 36 6	7°31'46	29°59	23° 8	0♌54	29°35	20°51	20°33	16°20	17°57	18°40	12°53	11°25	15°17	21°26	T 30
W31	22 40 2	8♍29'43	13♐12	24♌55	2♌ 5	0♎14	20♏59	20♉31	16♊21	17♈56	18♌42	12°D52	11♉22	15♓24	21♎34	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17n49	18s15	4s51	12n37	4s59	21n15	2s 8	8n14	0n59	16s21	0n56	21s32	0n 4	22n36	0s 1	5n43	1s35	22n22	7n14	22s40	22s47	2s57	7s55	0s46
T 2	17 33	21 51	4 15	12 50	4 57	21 19	2 5	7 59	0 58	16 22	0 56	21 32	0 4	22 36	0 1	5 43	1 35	22 21	7 14	22 40	22 47	2 54	7 57	0 45
W 3	17 17	24 10	3 26	13 5	4 54	21 23	2 2	7 44	0 58	16 23	0 55	21 33	0 4	22 36	0 1	5 43	1 35	22 21	7 14	22 40	22 48	2 51	7 58	0 45
T 4	17 1	25 9	2 27	13 20	4 49	21 26	1 59	7 30	0 57	16 24	0 55	21 34	0 4	22 37	0 1	5 43	1 35	22 20	7 15	22 39	22 48	2 48	8 0	0 44
F 5	16 45	24 47	1 23	13 37	4 42	21 28	1 56	7 15	0 57	16 25	0 55	21 35	0 4	22 37	0 1	5 42	1 35	22 20	7 15	22 39	22 48	2 45	8 2	0 44
S 6	16 29	23 11	0 15	13 55	4 33	21 30	1 53	7 0	0 56	16 27	0 55	21 35	0 4	22 37	0 1	5 42	1 35	22 19	7 15	22 39	22 49	2 42	8 3	0 44
S 7	16 12	20 29	0n52	14 12	4 23	21 31	1 50	6 45	0 56	16 28	0 55	21 36	0 4	22 37	0 1	5 42	1 35	22 18	7 15	22 39	22 49	2 39	8 5	0 43
M 8	15 55	16 56	1 55	14 30	4 12	21 32	1 46	6 30	0 55	16 29	0 54	21 37	0 4	22 38	0 1	5 42	1 35	22 18	7 15	22 39	22 49	2 36	8 7	0 43
T 9	15 37	12 43	2 53	14 48	3 59	21 32	1 43	6 15	0 55	16 31	0 54	21 37	0 3	22 38	0 1	5 41	1 35	22 17	7 15	22 40	22 49	2 33	8 9	0 42
W10	15 20	8 4	3 43	15 6	3 45	21 32	1 40	6 0	0 54	16 32	0 54	21 38	0 3	22 38	0 1	5 41	1 35	22 17	7 15	22 40	22 50	2 30	8 11	0 42
T 11	15 2	3 8	4 23	15 23	3 31	21 31	1 36	5 45	0 54	16 34	0 54	21 39	0 3	22 38	0 1	5 41	1 35	22 16	7 15	22 41	22 50	2 27	8 12	0 42
F 12	14 44	1n52	4 51	15 39	3 15	21 29	1 33	5 29	0 53	16 35	0 53	21 39	0 3	22 39	0 1	5 41	1 35	22 16	7 15	22 42	22 50	2 25	8 14	0 41
S 13	14 26	6 49	5 7	15 54	2 59	21 27	1 29	5 14	0 53	16 37	0 53	21 40	0 3	22 39	0 1	5 40	1 35	22 15	7 15	22 42	22 51	2 22	8 16	0 41
S 14	14 7	11 33	5 9	16 8	2 42	21 25	1 26	4 59	0 52	16 39	0 53	21 41	0 3	22 39	0 1	5 40	1 35	22 15	7 15	22 43	22 51	2 19	8 18	0 41
M15	13 48	15 53	4 59	16 21	2 25	21 22	1 23	4 44	0 52	16 40	0 53	21 41	0 3	22 39	0 1	5 40	1 35	22 14	7 15	22 43	22 51	2 16	8 20	0 40
T 16	13 30	19 38	4 34	16 32	2 8	21 18	1 19	4 28	0 51	16 42	0 52	21 42	0 3	22 39	0 1	5 39	1 35	22 14	7 15	22 43	22 52	2 13	8 22	0 40
W17	13 10	22 35	3 56	16 41	1 51	21 14	1 16	4 13	0 51	16 44	0 52	21 42	0 3	22 40	0 1	5 39	1 35	22 13	7 15	22 44	22 52	2 10	8 24	0 39
T 18	12 51	24 29	3 6	16 48	1 34	21 9	1 12	3 58	0 50	16 45	0 52	21 43	0 3	22 40	0 1	5 39	1 35	22 13	7 16	22 44	22 52	2 7	8 26	0 39
F 19	12 31	25 6	2 4	16 53	1 17	21 4	1 9	3 42	0 50	16 47	0 52	21 44	0 3	22 40	0 1	5 38	1 35	22 12	7 16	22 43	22 52	2 4	8 29	0 39
S 20	12 12	24 16	0 54	16 56	1 1	20 58	1 5	3 27	0 49	16 49	0 51	21 44	0 2	22 40	0 1	5 38	1 35	22 12	7 16	22 43	22 53	2 1	8 31	0 38
S 21	11 52	21 53	0s22	16 56	0 45	20 51	1 2	3 11	0 49	16 51	0 51	21 45	0 2	22 40	0 1	5 37	1 36	22 12	7 16	22 43	22 53	1 58	8 33	0 38
M22	11 32	18 2	1 39	16 54	0 29	20 44	0 58	2 56	0 48	16 53	0 51	21 45	0 2	22 40	0 1	5 37	1 36	22 11	7 16	22 43	22 53	1 55	8 35	0 38
T 23	11 11	12 58	2 51	16 49	0 14	20 36	0 55	2 40	0 48	16 55	0 51	21 46	0 2	22 41	0 1	5 37	1 36	22 11	7 16	22 44	22 54	1 52	8 37	0 37
W24	10 51	7 2	3 52	16 41	0n 0	20 28	0 51	2 25	0 47	16 57	0 51	21 46	0 2	22 41	0 1	5 36	1 36	22 10	7 16	22 44	22 54	1 49	8 39	0 37
T 25	10 30	0 40	4 37	16 30	0 14	20 19	0 47	2 9	0 47	16 59	0 50	21 47	0 2	22 41	0 1	5 36	1 36	22 10	7 16	22 45	22 54	1 46	8 42	0 36
F 26	10 9	5s42	5 2	16 16	0 27	20 10	0 44	1 53	0 46	17 1	0 50	21 47	0 2	22 41	0 1	5 35	1 36	22 9	7 16	22 46	22 54	1 43	8 44	0 36
S 27	9 48	11 38	5 6	16 0	0 39	20 0	0 40	1 38	0 46	17 3	0 50	21 48	0 2	22 41	0 1	5 35	1 36	22 9	7 17	22 46	22 55	1 40	8 46	0 36
S 28	9 27	16 46	4 50	15 40	0 49	19 50	0 37	1 22	0 45	17 5	0 50	21 48	0 2	22 41	0 1	5 34	1 36	22 8	7 17	22 47	22 55	1 38	8 49	0 35
M29	9 6	20 48	4 16	15 18	0 59	19 39	0 33	1 6	0 45	17 7	0 50	21 49	0 2	22 41	0 1	5 34	1 36	22 8	7 17	22 47	22 55	1 35	8 51	0 35
T 30	8 44	23 32	3 29	14 52	1 8	19 27	0 30	0 51	0 44	17 9	0 49	21 49	0 2	22 42	0 1	5 33	1 36	22 8	7 17	22 48	22 55	1 32	8 53	0 35
W31	8n23	24s53	2s32	14n24	1n17	19n15	0s26	0n35	0n44	17s12	0n49	21s50	0n 2	22n42	0s 1	5n33	1s36	22n 7	7n17	22s48	22s56	1s29	8s56	0s34

Julian Day Number = 2523345.5, Delta T = 159.69 sec
Ecliptic obliquity = 23°24'51, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°29'15, Lahiri = 26°36'15

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2196
geocentric

SEPTEMBER 2196 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 43 59	9♍27'41	26♐ 1	26♌44	3♌15	0♎52	21♏ 6	20°R29	16♊22	17°R55	18♌44	12♑53	11♑19	15♓31	21♎41	T 1
F 2	22 47 55	10°25'41	8♑32	28°36	4°26	1°31	21°14	20♑27	16°23	17♈54	18°45	12°R54	11°15	15°37	21°48	F 2
S 3	22 51 52	11°23'43	20°48	0♍29	5°37	2° 9	21°22	20°25	16°24	17°52	18°47	12°54	11°12	15°44	21°56	S 3
S 4	22 55 48	12°21'45	2♒53	2°24	6°48	2°48	21°30	20°23	16°25	17°51	18°49	12°52	11° 9	15°51	22° 3	S 4
M 5	22 59 45	13°19'49	14°51	4°20	7°59	3°26	21°39	20°21	16°26	17°50	18°51	12°47	11° 6	15°57	22°10	M 5
T 6	23 3 42	14°17'55	26°45	6°16	9°10	4° 5	21°47	20°19	16°27	17°48	18°52	12°40	11° 3	16° 4	22°18	T 6
W 7	23 7 38	15°16'02	8♓37	8°13	10°21	4°43	21°55	20°17	16°27	17°47	18°54	12°31	10°59	16°11	22°26	W 7
T 8	23 11 35	16°14'10	20°29	10° 9	11°32	5°22	22° 4	20°16	16°28	17°46	18°56	12°19	10°56	16°18	22°33	T 8
F 9	23 15 31	17°12'21	2♈22	12° 6	12°43	6° 1	22°13	20°15	16°29	17°44	18°57	12° 7	10°53	16°24	22°41	F 9
S 10	23 19 28	18°10'33	14°18	14° 2	13°55	6°40	22°21	20°13	16°29	17°43	18°59	11°55	10°50	16°31	22°49	S 10
S 11	23 23 24	19° 8'47	26°18	15°57	15° 6	7°18	22°30	20°12	16°30	17°42	19° 0	11°44	10°47	16°38	22°57	S 11
M12	23 27 21	20° 7'03	8♉25	17°52	16°18	7°57	22°39	20°11	16°30	17°40	19° 2	11°35	10°44	16°44	23° 4	M12
T 13	23 31 17	21° 5'22	20°41	19°47	17°30	8°36	22°49	20°10	16°31	17°39	19° 4	11°29	10°40	16°51	23°12	T 13
W14	23 35 14	22° 3'42	3♊10	21°40	18°41	9°15	22°58	20° 9	16°31	17°37	19° 5	11°25	10°37	16°58	23°20	W14
T 15	23 39 11	23° 2'04	15°55	23°33	19°53	9°54	23° 7	20° 8	16°32	17°36	19° 7	11°23	10°34	17° 5	23°28	T 15
F 16	23 43 7	24° 0'29	28°59	25°24	21° 5	10°33	23°17	20° 7	16°32	17°34	19° 8	11°D23	10°31	17°11	23°36	F 16
S 17	23 47 4	24°58'55	12♋28	27°15	22°17	11°12	23°26	20° 6	16°32	17°33	19°10	11°R23	10°28	17°18	23°44	S 17
S 18	23 51 0	25°57'24	26°23	29° 4	23°29	11°51	23°36	20° 6	16°32	17°31	19°11	11°23	10°25	17°25	23°52	S 18
M19	23 54 57	26°55'55	10♌44	0♎53	24°42	12°30	23°46	20° 5	16°32	17°30	19°13	11°20	10°21	17°31	24° 0	M19
T 20	23 58 53	27°54'28	25°31	2°40	25°54	13°10	23°55	20° 5	16°32	17°28	19°14	11°15	10°18	17°38	24° 8	T 20
W21	0 2 50	28°53'03	10♍37	4°27	27° 6	13°49	24° 5	20° 5	16°R32	17°27	19°16	11° 7	10°15	17°45	24°17	W21
T 22	0 6 46	29°51'39	25°54	6°12	28°19	14°28	24°16	20° 4	16°32	17°25	19°17	10°57	10°12	17°51	24°25	T 22
F 23	0 10 43	0♎50'18	11♎11	7°56	29°31	15° 7	24°26	20°D 4	16°32	17°23	19°19	10°46	10° 9	17°58	24°33	F 23
S 24	0 14 40	1°48'59	26°15	9°40	0♍44	15°47	24°36	20° 4	16°32	17°22	19°20	10°35	10° 5	18° 5	24°41	S 24
S 25	0 18 36	2°47'42	10♏59	11°22	1°56	16°26	24°46	20° 4	16°32	17°20	19°22	10°26	10° 2	18°12	24°50	S 25
M26	0 22 33	3°46'26	25°15	13° 3	3° 9	17° 6	24°57	20° 5	16°32	17°19	19°23	10°19	9°59	18°18	24°58	M26
T 27	0 26 29	4°45'12	9♐ 1	14°44	4°22	17°45	25° 7	20° 5	16°32	17°17	19°24	10°15	9°56	18°25	25° 6	T 27
W28	0 30 26	5°44'00	22°17	16°23	5°35	18°25	25°18	20° 5	16°31	17°15	19°26	10°13	9°53	18°32	25°15	W28
T 29	0 34 22	6°42'50	5♑ 8	18° 2	6°48	19° 4	25°29	20° 6	16°31	17°14	19°27	10°13	9°50	18°38	25°23	T 29
F 30	0 38 19	7♎41'41	17♑37	19♎39	8♍ 1	19♎44	25♏39	20♑ 6	16♊30	17♈12	19♌28	10♑13	9♑46	18♓45	25♎32	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n 1	24s50	1s29	13n54	1n24	19n 2	0s23	0n19	0n43	17s14	0n49	21s50	0n 1	22n42	0s 1	5n32	1s36	22n 7	7n17	22s47	22s56	1s26	8s58	0s34
F 2	7 39	23 32	0 23	13 21	1 30	18 49	0 20	0 3	0 43	17 16	0 49	21 50	0 1	22 42	0 1	5 32	1 36	22 6	7 17	22 47	22 56	1 23	9 0	0 34
S 3	7 17	21 7	0n42	12 46	1 35	18 35	0 16	0s12	0 42	17 18	0 49	21 51	0 1	22 42	0 1	5 31	1 36	22 6	7 18	22 47	22 57	1 20	9 3	0 33
S 4	6 55	17 48	1 45	12 9	1 39	18 21	0 13	0 28	0 42	17 21	0 48	21 51	0 1	22 42	0 1	5 31	1 36	22 5	7 18	22 48	22 57	1 17	9 5	0 33
M 5	6 33	13 47	2 42	11 30	1 42	18 6	0 9	0 44	0 41	17 23	0 48	21 51	0 1	22 42	0 1	5 30	1 36	22 5	7 18	22 48	22 57	1 14	9 8	0 33
T 6	6 10	9 16	3 32	10 50	1 45	17 51	0 6	1 0	0 41	17 25	0 48	21 52	0 1	22 42	0 1	5 30	1 36	22 5	7 18	22 49	22 57	1 11	9 10	0 32
W 7	5 48	4 26	4 12	10 8	1 46	17 35	0 3	1 16	0 40	17 28	0 48	21 52	0 1	22 42	0 1	5 29	1 36	22 4	7 18	22 50	22 58	1 8	9 13	0 32
T 8	5 26	0n32	4 41	9 24	1 47	17 19	0n 1	1 31	0 40	17 30	0 48	21 52	0 1	22 42	0 1	5 29	1 36	22 4	7 18	22 51	22 58	1 5	9 15	0 32
F 9	5 3	5 30	4 58	8 40	1 47	17 2	0 4	1 47	0 39	17 32	0 47	21 53	0 1	22 43	0 1	5 28	1 36	22 4	7 18	22 52	22 58	1 2	9 18	0 31
S 10	4 40	10 16	5 2	7 55	1 47	16 45	0 7	2 3	0 39	17 35	0 47	21 53	0 1	22 43	0 1	5 28	1 36	22 3	7 19	22 53	22 58	0 59	9 20	0 31
S 11	4 17	14 41	4 53	7 9	1 45	16 27	0 10	2 19	0 38	17 37	0 47	21 53	0 1	22 43	0 1	5 27	1 36	22 3	7 19	22 54	22 59	0 57	9 23	0 31
M12	3 55	18 33	4 30	6 23	1 43	16 9	0 13	2 35	0 38	17 40	0 47	21 53	0 1	22 43	0 1	5 26	1 36	22 2	7 19	22 55	22 59	0 54	9 26	0 30
T 13	3 32	21 41	3 55	5 36	1 41	15 50	0 16	2 50	0 37	17 42	0 47	21 54	0 0	22 43	0 1	5 26	1 36	22 2	7 19	22 55	22 59	0 51	9 28	0 30
W14	3 9	23 51	3 8	4 48	1 38	15 31	0 20	3 6	0 37	17 45	0 46	21 54	0 0	22 43	0 1	5 25	1 36	22 2	7 19	22 55	22 59	0 48	9 31	0 30
T 15	2 46	24 50	2 11	4 1	1 35	15 11	0 23	3 22	0 36	17 47	0 46	21 54	0 0	22 43	0 1	5 25	1 36	22 1	7 20	22 56	23 0	0 45	9 33	0 29
F 16	2 23	24 30	1 5	3 13	1 31	14 51	0 26	3 38	0 36	17 50	0 46	21 54	0 0	22 43	0 1	5 24	1 37	22 1	7 20	22 56	23 0	0 42	9 36	0 29
S 17	2 0	22 44	0s 6	2 25	1 27	14 31	0 28	3 53	0 35	17 52	0 46	21 55	0 0	22 43	0 1	5 24	1 37	22 1	7 20	22 56	23 0	0 39	9 39	0 29
S 18	1 36	19 34	1 19	1 37	1 22	14 10	0 31	4 9	0 35	17 55	0 46	21 55	0 0	22 43	0 1	5 23	1 37	22 0	7 20	22 56	23 0	0 36	9 41	0 28
M19	1 13	15 8	2 29	0 50	1 17	13 49	0 34	4 25	0 34	17 58	0 45	21 55	0s 0	22 43	0 1	5 22	1 37	22 0	7 20	22 56	23 1	0 33	9 44	0 28
T 20	0 50	9 41	3 31	0 2	1 12	13 27	0 37	4 41	0 33	18 0	0 45	21 55	0 0	22 43	0 1	5 22	1 37	22 0	7 20	22 56	23 1	0 30	9 47	0 28
W21	0 27	3 34	4 20	0s45	1 6	13 5	0 40	4 56	0 33	18 3	0 45	21 55	0 0	22 43	0 1	5 21	1 37	22 0	7 21	22 57	23 1	0 27	9 50	0 27
T 22	0 3	2s49	4 51	1 32	1 1	12 43	0 42	5 12	0 32	18 5	0 45	21 55	0 0	22 43	0 1	5 21	1 37	21 59	7 21	22 58	23 1	0 24	9 52	0 27
F 23	0s20	9 2	5 1	2 19	0 55	12 20	0 45	5 28	0 32	18 8	0 45	21 55	0 0	22 43	0 1	5 20	1 37	21 59	7 21	22 59	23 2	0 22	9 55	0 27
S 24	0 43	14 37	4 50	3 5	0 48	11 57	0 48	5 43	0 31	18 11	0 45	21 55	0 0	22 43	0 1	5 19	1 37	21 59	7 21	23 0	23 2	0 19	9 58	0 26
S 25	1 7	19 13	4 20	3 51	0 42	11 33	0 50	5 59	0 31	18 13	0 44	21 55	0 1	22 43	0 1	5 19	1 37	21 59	7 21	23 0	23 2	0 16	10 0	0 26
M26	1 30	22 31	3 34	4 36	0 35	11 9	0 53	6 15	0 30	18 16	0 44	21 56	0 1	22 43	0 1	5 18	1 37	21 58	7 22	23 1	23 2	0 13	10 3	0 26
T 27	1 53	24 22	2 37	5 21	0 29	10 45	0 55	6 30	0 30	18 19	0 44	21 56	0 1	22 43	0 1	5 17	1 37	21 58	7 22	23 1	23 3	0 10	10 6	0 25
W28	2 17	24 45	1 33	6 6	0 22	10 21	0 57	6 46	0 29	18 21	0 44	21 56	0 1	22 43	0 1	5 17	1 37	21 58	7 22	23 1	23 3	0 7	10 9	0 25
T 29	2 40	23 46	0 27	6 50	0 15	9 56	1 0	7 1	0 29	18 24	0 44	21 56	0 1	22 43	0 1	5 16	1 37	21 58	7 22	23 1	23 3	0 4	10 12	0 25
F 30	3s 3	21s37	0n39	7s33	0n 8	9n31	1n 2	7s17	0n28	18s27	0n44	21s56	0s 1	22n43	0s 1	5n15	1s37	21n57	7n23	23s 1	23s 3	0s 1	10s14	0s24

Julian Day Number = 2523376.5, Delta T = 159.78 sec
Ecliptic obliquity = 23°24'52, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°29'19, Lahiri = 26°36'20

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2196
geocentric

OCTOBER 2196 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 42 15	8♎40'34	29♉50	21♎16	9♍14	20♎23	25♏50	20♉ 7	16°R30	17°R10	19♌30	10°R12	9♉43	18♓52	25♎40	S 1
S 2	0 46 12	9°39'29	11♒51	22°52	10°27	21° 3	26° 1	20° 8	16♊29	17♈ 9	19°31	10♉ 9	9°40	18°59	25°49	S 2
M 3	0 50 9	10°38'25	23°45	24°27	11°40	21°43	26°12	20° 9	16°29	17° 7	19°32	10° 4	9°37	19° 5	25°57	M 3
T 4	0 54 5	11°37'24	5♓36	26° 1	12°53	22°23	26°24	20°10	16°28	17° 5	19°33	9°55	9°34	19°12	26° 6	T 4
W 5	0 58 2	12°36'24	17°27	27°34	14° 7	23° 2	26°35	20°11	16°27	17° 4	19°35	9°44	9°30	19°19	26°14	W 5
T 6	1 1 58	13°35'26	29°20	29° 6	15°20	23°42	26°46	20°12	16°27	17° 2	19°36	9°31	9°27	19°25	26°23	T 6
F 7	1 5 55	14°34'29	11♈18	0♏38	16°33	24°22	26°57	20°13	16°26	17° 0	19°37	9°17	9°24	19°32	26°31	F 7
S 8	1 9 51	15°33'35	23°21	2° 9	17°47	25° 2	27° 9	20°15	16°25	16°59	19°38	9° 3	9°21	19°39	26°40	S 8
S 9	1 13 48	16°32'43	5♉31	3°39	19° 0	25°42	27°20	20°16	16°24	16°57	19°39	8°50	9°18	19°46	26°49	S 9
M10	1 17 44	17°31'54	17°48	5° 8	20°14	26°22	27°32	20°18	16°23	16°55	19°40	8°39	9°15	19°52	26°57	M10
T 11	1 21 41	18°31'06	0♊14	6°36	21°28	27° 2	27°43	20°19	16°22	16°54	19°41	8°31	9°11	19°59	27° 6	T 11
W12	1 25 37	19°30'21	12°50	8° 3	22°41	27°42	27°55	20°21	16°21	16°52	19°43	8°26	9° 8	20° 6	27°15	W12
T 13	1 29 34	20°29'38	25°40	9°30	23°55	28°22	28° 7	20°23	16°20	16°50	19°44	8°24	9° 5	20°12	27°23	T 13
F 14	1 33 31	21°28'57	8♋45	10°56	25° 9	29° 2	28°19	20°25	16°19	16°49	19°45	8°D24	9° 2	20°19	27°32	F 14
S 15	1 37 27	22°28'19	22° 9	12°20	26°23	29°43	28°31	20°27	16°18	16°47	19°46	8°R24	8°59	20°26	27°41	S 15
S 16	1 41 24	23°27'42	5♌55	13°44	27°37	0♏23	28°43	20°29	16°17	16°45	19°47	8°23	8°56	20°33	27°49	S 16
M17	1 45 20	24°27'09	20° 3	15° 7	28°51	1° 3	28°55	20°31	16°15	16°44	19°48	8°21	8°52	20°39	27°58	M17
T 18	1 49 17	25°26'37	4♍34	16°29	0♎ 5	1°44	29° 7	20°34	16°14	16°42	19°48	8°16	8°49	20°46	28° 7	T 18
W19	1 53 13	26°26'08	19°23	17°50	1°19	2°24	29°19	20°36	16°13	16°41	19°49	8° 9	8°46	20°53	28°15	W19
T 20	1 57 10	27°25'41	4♎24	19°10	2°33	3° 5	29°31	20°39	16°11	16°39	19°50	8° 0	8°43	20°59	28°24	T 20
F 21	2 1 6	28°25'16	19°28	20°29	3°47	3°45	29°43	20°41	16°10	16°37	19°51	7°49	8°40	21° 6	28°33	F 21
S 22	2 5 3	29°24'53	4♏25	21°47	5° 1	4°26	29°56	20°44	16° 8	16°36	19°52	7°39	8°36	21°13	28°41	S 22
S 23	2 9 0	0♏24'32	19° 6	23° 3	6°16	5° 6	0♐ 8	20°47	16° 7	16°34	19°53	7°30	8°33	21°20	28°50	S 23
M24	2 12 56	1°24'13	3♐24	24°18	7°30	5°47	0°21	20°50	16° 5	16°32	19°53	7°23	8°30	21°26	28°59	M24
T 25	2 16 53	2°23'56	17°14	25°31	8°44	6°28	0°33	20°53	16° 4	16°31	19°54	7°19	8°27	21°33	29° 8	T 25
W26	2 20 49	3°23'41	0♑36	26°43	9°59	7° 8	0°46	20°56	16° 2	16°29	19°55	7°17	8°24	21°40	29°16	W26
T 27	2 24 46	4°23'27	13°32	27°53	11°13	7°49	0°58	20°59	16° 0	16°28	19°56	7°D17	8°21	21°47	29°25	T 27
F 28	2 28 42	5°23'15	26° 4	29° 1	12°27	8°30	1°11	21° 2	15°59	16°26	19°56	7°17	8°17	21°53	29°34	F 28
S 29	2 32 39	6°23'05	8♒19	0♐ 7	13°42	9°11	1°23	21° 6	15°57	16°24	19°57	7°R18	8°14	22° 0	29°42	S 29
S 30	2 36 35	7°22'57	20°21	1°10	14°57	9°52	1°36	21° 9	15°55	16°23	19°58	7°17	8°11	22° 7	29°51	S 30
M31	2 40 32	8♏22'50	2♓15	2♐11	16♎11	10♏33	1♐49	21♉13	15♊53	16♈21	19♌58	7♉14	8♉ 8	22♓13	29♎59	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3s26	18s30	1n42	8s16	0n 1	9n 5	1n 4	7s32	0n28	18s30	0n43	21s56	0s 1	22n43	0s 1	5n15	1s37	21n57	7n23	23s 1	23s 4	0n 2	10s17	0s24
S 2	3 49	14 40	2 39	8 59	0s 6	8 40	1 6	7 47	0 27	18 32	0 43	21 56	0 1	22 43	0 1	5 14	1 37	21 57	7 23	23 2	23 4	0 5	10 20	0 24
M 3	4 12	10 19	3 28	9 40	0 13	8 14	1 8	8 3	0 26	18 35	0 43	21 55	0 1	22 43	0 1	5 14	1 37	21 57	7 23	23 2	23 4	0 7	10 23	0 23
T 4	4 36	5 36	4 8	10 21	0 20	7 48	1 10	8 18	0 26	18 38	0 43	21 55	0 1	22 43	0 1	5 13	1 37	21 57	7 23	23 3	23 4	0 10	10 26	0 23
W 5	4 59	0 42	4 38	11 2	0 28	7 21	1 12	8 33	0 25	18 40	0 43	21 55	0 1	22 43	0 1	5 12	1 37	21 56	7 24	23 3	23 4	0 13	10 28	0 23
T 6	5 21	4n15	4 55	11 41	0 35	6 54	1 14	8 48	0 25	18 43	0 43	21 55	0 1	22 43	0 1	5 12	1 37	21 56	7 24	23 4	23 5	0 16	10 31	0 23
F 7	5 44	9 3	4 59	12 20	0 42	6 28	1 15	9 4	0 24	18 46	0 43	21 55	0 2	22 43	0 1	5 11	1 37	21 56	7 24	23 5	23 5	0 19	10 34	0 22
S 8	6 7	13 33	4 50	12 59	0 49	6 0	1 17	9 19	0 24	18 49	0 42	21 55	0 2	22 42	0 1	5 10	1 37	21 56	7 24	23 6	23 5	0 22	10 37	0 22
S 9	6 30	17 33	4 28	13 36	0 56	5 33	1 19	9 34	0 23	18 51	0 42	21 55	0 2	22 42	0 1	5 10	1 37	21 56	7 25	23 7	23 5	0 25	10 40	0 22
M10	6 52	20 51	3 53	14 13	1 3	5 6	1 20	9 49	0 23	18 54	0 42	21 55	0 2	22 42	0 1	5 9	1 37	21 56	7 25	23 8	23 6	0 28	10 42	0 21
T 11	7 15	23 13	3 7	14 49	1 10	4 38	1 22	10 4	0 22	18 57	0 42	21 54	0 2	22 42	0 1	5 8	1 37	21 56	7 25	23 8	23 6	0 31	10 45	0 21
W12	7 37	24 29	2 11	15 24	1 17	4 10	1 23	10 19	0 22	19 0	0 42	21 54	0 2	22 42	0 1	5 8	1 37	21 55	7 25	23 9	23 6	0 33	10 48	0 21
T 13	8 0	24 27	1 7	15 58	1 24	3 42	1 24	10 33	0 21	19 3	0 42	21 54	0 2	22 42	0 1	5 7	1 37	21 55	7 26	23 9	23 6	0 36	10 51	0 20
F 14	8 22	23 6	0s 2	16 32	1 31	3 14	1 26	10 48	0 20	19 5	0 42	21 54	0 2	22 42	0 1	5 6	1 37	21 55	7 26	23 9	23 6	0 39	10 54	0 20
S 15	8 44	20 24	1 12	17 4	1 38	2 46	1 27	11 3	0 20	19 8	0 41	21 54	0 2	22 42	0 1	5 6	1 37	21 55	7 26	23 9	23 7	0 42	10 57	0 20
S 16	9 6	16 30	2 20	17 36	1 44	2 18	1 28	11 18	0 19	19 11	0 41	21 53	0 2	22 42	0 1	5 5	1 37	21 55	7 26	23 9	23 7	0 45	10 59	0 19
M17	9 28	11 35	3 22	18 7	1 50	1 49	1 29	11 32	0 19	19 14	0 41	21 53	0 2	22 42	0 1	5 5	1 37	21 55	7 27	23 9	23 7	0 48	11 2	0 19
T 18	9 50	5 55	4 12	18 37	1 57	1 21	1 30	11 47	0 18	19 16	0 41	21 53	0 2	22 41	0 1	5 4	1 37	21 55	7 27	23 9	23 7	0 51	11 5	0 19
W19	10 11	0s11	4 46	19 6	2 3	0 52	1 31	12 1	0 18	19 19	0 41	21 53	0 2	22 41	0 1	5 3	1 37	21 55	7 27	23 10	23 7	0 54	11 8	0 19
T 20	10 33	6 21	5 1	19 33	2 8	0 23	1 32	12 15	0 17	19 22	0 41	21 52	0 2	22 41	0 1	5 3	1 37	21 55	7 27	23 10	23 8	0 56	11 11	0 18
F 21	10 54	12 10	4 56	20 0	2 14	0s 6	1 32	12 30	0 17	19 24	0 41	21 52	0 3	22 41	0 1	5 2	1 37	21 55	7 28	23 11	23 8	0 59	11 14	0 18
S 22	11 15	17 13	4 30	20 26	2 19	0 34	1 33	12 44	0 16	19 27	0 41	21 52	0 3	22 41	0 1	5 1	1 37	21 55	7 28	23 12	23 8	1 2	11 16	0 18
S 23	11 36	21 7	3 47	20 51	2 24	1 3	1 33	12 58	0 15	19 30	0 40	21 51	0 3	22 41	0 1	5 1	1 37	21 55	7 28	23 12	23 8	1 5	11 19	0 17
M24	11 57	23 35	2 50	21 14	2 29	1 32	1 34	13 12	0 15	19 33	0 40	21 51	0 3	22 41	0 1	5 0	1 37	21 55	7 29	23 13	23 9	1 8	11 22	0 17
T 25	12 18	24 32	1 45	21 37	2 34	2 1	1 34	13 26	0 14	19 35	0 40	21 50	0 3	22 40	0 1	5 0	1 37	21 55	7 29	23 13	23 9	1 11	11 25	0 17
W26	12 38	24 0	0 36	21 58	2 38	2 30	1 35	13 40	0 14	19 38	0 40	21 50	0 3	22 40	0 1	4 59	1 37	21 55	7 29	23 13	23 9	1 14	11 28	0 16
T 27	12 58	22 11	0n33	22 18	2 42	2 59	1 35	13 54	0 13	19 41	0 40	21 50	0 3	22 40	0 1	4 58	1 37	21 55	7 29	23 13	23 9	1 17	11 30	0 16
F 28	13 18	19 18	1 39	22 36	2 45	3 27	1 35	14 7	0 13	19 43	0 40	21 49	0 3	22 40	0 1	4 58	1 37	21 55	7 30	23 13	23 9	1 19	11 33	0 16
S 29	13 38	15 37	2 38	22 53	2 48	3 56	1 35	14 21	0 12	19 46	0 40	21 49	0 3	22 40	0 1	4 57	1 37	21 55	7 30	23 13	23 10	1 22	11 36	0 16
S 30	13 58	11 23	3 29	23 9	2 51	4 25	1 35	14 35	0 11	19 49	0 40	21 48	0 3	22 40	0 1	4 57	1 37	21 55	7 30	23 13	23 10	1 25	11 39	0 15
M31	14s17	6s46	4n10	23s24	2s53	4s53	1n35	14s48	0n11	19s51	0n39	21s48	0s 3	22n39	0s 1	4n56	1s37	21n55	7n30	23s13	23s10	1n28	11s41	0s15

Julian Day Number = 2523406.5, Delta T = 159.85 sec
Ecliptic obliquity = 23°24'51, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°29'23, Lahiri = 26°36'24

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2196
geocentric

NOVEMBER 2196 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 44 29	9♏22'44	14♓ 6	3♐ 9	17♎26	11♏14	2♐ 2	21♑16	15°R51	16°R20	19♌59	7°R 8	8♑ 5	22♓20	0♏ 8	T 1
W 2	2 48 25	10°22'41	25°58	4° 3	18°40	11°55	2°15	21°20	15♊50	16♈18	19°59	7♑ 0	8° 2	22°27	0°17	W 2
T 3	2 52 22	11°22'39	7♈54	4°54	19°55	12°36	2°27	21°24	15°48	16°17	20° 0	6°51	7°58	22°34	0°25	T 3
F 4	2 56 18	12°22'38	19°58	5°41	21°10	13°17	2°40	21°27	15°46	16°15	20° 0	6°40	7°55	22°40	0°34	F 4
S 5	3 0 15	13°22'40	2♉10	6°23	22°24	13°58	2°53	21°31	15°44	16°14	20° 1	6°30	7°52	22°47	0°43	S 5
S 6	3 4 11	14°22'43	14°32	7° 0	23°39	14°40	3° 6	21°35	15°42	16°13	20° 1	6°20	7°49	22°54	0°51	S 6
M 7	3 8 8	15°22'49	27° 5	7°32	24°54	15°21	3°19	21°39	15°40	16°11	20° 1	6°12	7°46	23° 0	1° 0	M 7
T 8	3 12 4	16°22'56	9♊47	7°57	26° 9	16° 2	3°32	21°44	15°37	16°10	20° 2	6° 7	7°42	23° 7	1° 8	T 8
W 9	3 16 1	17°23'05	22°41	8°16	27°24	16°43	3°45	21°48	15°35	16° 8	20° 2	6° 4	7°39	23°14	1°17	W 9
T 10	3 19 58	18°23'16	5♋46	8°27	28°39	17°25	3°58	21°52	15°33	16° 7	20° 2	6°D 3	7°36	23°21	1°25	T 10
F 11	3 23 54	19°23'29	19° 4	8°R29	29°53	18° 6	4°12	21°56	15°31	16° 6	20° 3	6° 3	7°33	23°27	1°34	F 11
S 12	3 27 51	20°23'44	2♌35	8°23	1♏ 8	18°48	4°25	22° 1	15°29	16° 4	20° 3	6° 5	7°30	23°34	1°42	S 12
S 13	3 31 47	21°24'01	16°21	8° 8	2°23	19°29	4°38	22° 5	15°27	16° 3	20° 3	6°R 6	7°27	23°41	1°50	S 13
M14	3 35 44	22°24'20	0♍21	7°42	3°38	20°11	4°51	22°10	15°24	16° 2	20° 3	6° 5	7°23	23°47	1°59	M14
T 15	3 39 40	23°24'41	14°36	7° 7	4°53	20°53	5° 4	22°15	15°22	16° 1	20° 4	6° 3	7°20	23°54	2° 7	T 15
W16	3 43 37	24°25'04	29° 3	6°21	6° 8	21°34	5°18	22°20	15°20	15°59	20° 4	6° 0	7°17	24° 1	2°15	W16
T 17	3 47 33	25°25'29	13♎39	5°26	7°24	22°16	5°31	22°24	15°17	15°58	20° 4	5°54	7°14	24° 8	2°24	T 17
F 18	3 51 30	26°25'56	28°18	4°22	8°39	22°58	5°44	22°29	15°15	15°57	20° 4	5°48	7°11	24°14	2°32	F 18
S 19	3 55 27	27°26'24	12♏52	3°10	9°54	23°40	5°58	22°34	15°13	15°56	20° 4	5°42	7° 7	24°21	2°40	S 19
S 20	3 59 23	28°26'55	27°15	1°53	11° 9	24°22	6°11	22°39	15°10	15°55	20°R 4	5°36	7° 4	24°28	2°48	S 20
M21	4 3 20	29°27'26	11♐21	0°32	12°24	25° 4	6°24	22°44	15° 8	15°53	20° 4	5°32	7° 1	24°34	2°57	M21
T 22	4 7 16	0♐28'00	25° 5	29♏11	13°39	25°46	6°38	22°50	15° 5	15°52	20° 4	5°30	6°58	24°41	3° 5	T 22
W23	4 11 13	1°28'35	8♑25	27°52	14°54	26°28	6°51	22°55	15° 3	15°51	20° 4	5°D30	6°55	24°48	3°13	W23
T 24	4 15 9	2°29'11	21°23	26°37	16°10	27°10	7° 4	23° 0	15° 1	15°50	20° 4	5°31	6°52	24°55	3°21	T 24
F 25	4 19 6	3°29'48	3♒58	25°29	17°25	27°52	7°18	23° 5	14°58	15°49	20° 4	5°32	6°48	25° 1	3°29	F 25
S 26	4 23 2	4°30'26	16°17	24°30	18°40	28°34	7°31	23°11	14°56	15°48	20° 4	5°34	6°45	25° 8	3°37	S 26
S 27	4 26 59	5°31'06	28°21	23°42	19°55	29°16	7°45	23°16	14°53	15°47	20° 3	5°35	6°42	25°15	3°45	S 27
M28	4 30 56	6°31'46	10♓17	23° 4	21°11	29°59	7°58	23°22	14°51	15°46	20° 3	5°R36	6°39	25°22	3°53	M28
T 29	4 34 52	7°32'28	22° 9	22°38	22°26	0♐41	8°11	23°28	14°48	15°46	20° 3	5°34	6°36	25°28	4° 0	T 29
W30	4 38 49	8♐33'10	4♈ 2	22♏24	23♏41	1♐23	8♐25	23♑33	14♊46	15♈45	20♌ 3	5♑32	6♑33	25♓35	4♏ 8	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s36	1s56	4n41	23s37	2s54	5s22	1n35	15s 1	0n10	19s54	0n39	21s47	0s 3	22n39	0s 1	4n56	1s37	21n55	7n31	23s13	23s10	1n31	11s44	0s15
W 2	14 55	2n58	4 59	23 48	2 55	5 50	1 35	15 14	0 10	19 57	0 39	21 47	0 3	22 39	0 1	4 55	1 37	21 55	7 31	23 14	23 10	1 34	11 47	0 14
T 3	15 14	7 48	5 5	23 57	2 55	6 19	1 35	15 27	0 9	19 59	0 39	21 46	0 4	22 39	0 1	4 54	1 37	21 55	7 31	23 14	23 10	1 37	11 50	0 14
F 4	15 32	12 22	4 57	24 5	2 54	6 47	1 35	15 40	0 9	20 2	0 39	21 46	0 4	22 39	0 1	4 54	1 37	21 56	7 32	23 15	23 11	1 39	11 52	0 14
S 5	15 50	16 31	4 35	24 11	2 53	7 15	1 34	15 53	0 8	20 5	0 39	21 45	0 4	22 38	0 1	4 53	1 37	21 56	7 32	23 15	23 11	1 42	11 55	0 13
S 6	16 8	20 1	4 0	24 15	2 50	7 43	1 34	16 6	0 7	20 7	0 39	21 45	0 4	22 38	0 1	4 53	1 37	21 56	7 32	23 16	23 11	1 45	11 58	0 13
M 7	16 26	22 37	3 14	24 17	2 47	8 11	1 33	16 19	0 7	20 10	0 39	21 44	0 4	22 38	0 1	4 52	1 37	21 56	7 32	23 16	23 11	1 48	12 1	0 13
T 8	16 43	24 9	2 16	24 17	2 42	8 39	1 33	16 31	0 6	20 12	0 39	21 44	0 4	22 38	0 1	4 52	1 37	21 56	7 33	23 16	23 11	1 51	12 3	0 13
W 9	17 0	24 24	1 11	24 14	2 36	9 6	1 32	16 44	0 6	20 15	0 39	21 43	0 4	22 38	0 1	4 51	1 37	21 56	7 33	23 17	23 12	1 54	12 6	0 12
T 10	17 17	23 19	0 1	24 9	2 29	9 33	1 31	16 56	0 5	20 17	0 38	21 42	0 4	22 37	0 1	4 51	1 37	21 56	7 33	23 17	23 12	1 57	12 9	0 12
F 11	17 33	20 54	1s10	24 1	2 21	10 1	1 30	17 8	0 4	20 20	0 38	21 42	0 4	22 37	0 1	4 50	1 37	21 57	7 34	23 17	23 12	1 59	12 11	0 12
S 12	17 50	17 19	2 18	23 50	2 11	10 27	1 30	17 20	0 4	20 23	0 38	21 41	0 4	22 37	0 1	4 50	1 36	21 57	7 34	23 16	23 12	2 2	12 14	0 11
S 13	18 6	12 44	3 20	23 37	2 0	10 54	1 29	17 32	0 3	20 25	0 38	21 40	0 4	22 37	0 1	4 49	1 36	21 57	7 34	23 16	23 12	2 5	12 17	0 11
M14	18 21	7 25	4 12	23 19	1 47	11 20	1 28	17 44	0 3	20 28	0 38	21 40	0 4	22 36	0 1	4 49	1 36	21 57	7 34	23 16	23 12	2 8	12 19	0 11
T 15	18 36	1 37	4 48	22 59	1 32	11 47	1 27	17 55	0 2	20 30	0 38	21 39	0 4	22 36	0 1	4 48	1 36	21 57	7 35	23 17	23 13	2 11	12 22	0 11
W16	18 51	4s19	5 7	22 35	1 16	12 12	1 26	18 7	0 2	20 32	0 38	21 38	0 4	22 36	0 1	4 48	1 36	21 58	7 35	23 17	23 13	2 14	12 24	0 10
T 17	19 6	10 5	5 7	22 8	0 58	12 38	1 24	18 18	0 1	20 35	0 38	21 38	0 4	22 36	0 1	4 48	1 36	21 58	7 35	23 17	23 13	2 16	12 27	0 10
F 18	19 20	15 18	4 46	21 38	0 39	13 3	1 23	18 29	0 0	20 37	0 38	21 37	0 5	22 35	0 1	4 47	1 36	21 58	7 36	23 17	23 13	2 19	12 29	0 10
S 19	19 34	19 36	4 7	21 5	0 19	13 28	1 22	18 40	0s 0	20 40	0 38	21 36	0 5	22 35	0 1	4 47	1 36	21 58	7 36	23 17	23 13	2 22	12 32	0 9
S 20	19 48	22 39	3 13	20 30	0n 1	13 53	1 21	18 51	0 1	20 42	0 38	21 35	0 5	22 35	0 1	4 46	1 36	21 59	7 36	23 18	23 14	2 25	12 34	0 9
M21	20 1	24 14	2 8	19 53	0 22	14 17	1 19	19 2	0 1	20 44	0 37	21 35	0 5	22 35	0 0	4 46	1 36	21 59	7 36	23 18	23 14	2 28	12 37	0 9
T 22	20 14	24 16	0 57	19 16	0 42	14 41	1 18	19 13	0 2	20 47	0 37	21 34	0 5	22 34	0 0	4 46	1 36	21 59	7 37	23 18	23 14	2 31	12 39	0 8
W23	20 26	22 53	0n16	18 40	1 1	15 5	1 16	19 23	0 3	20 49	0 37	21 33	0 5	22 34	0 0	4 45	1 36	21 59	7 37	23 18	23 14	2 33	12 42	0 8
T 24	20 38	20 18	1 26	18 5	1 20	15 28	1 15	19 33	0 3	20 51	0 37	21 32	0 5	22 34	0 0	4 45	1 36	22 0	7 37	23 18	23 14	2 36	12 44	0 8
F 25	20 50	16 49	2 29	17 33	1 36	15 51	1 13	19 44	0 4	20 54	0 37	21 31	0 5	22 34	0 0	4 44	1 36	22 0	7 38	23 18	23 14	2 39	12 47	0 8
S 26	21 1	12 41	3 25	17 5	1 51	16 13	1 11	19 53	0 4	20 56	0 37	21 31	0 5	22 33	0 0	4 44	1 36	22 0	7 38	23 18	23 15	2 42	12 49	0 7
S 27	21 12	8 8	4 10	16 41	2 3	16 35	1 10	20 3	0 5	20 58	0 37	21 30	0 5	22 33	0 0	4 44	1 36	22 1	7 38	23 18	23 15	2 45	12 52	0 7
M28	21 23	3 20	4 43	16 22	2 14	16 57	1 8	20 13	0 6	21 0	0 37	21 29	0 5	22 33	0 0	4 43	1 36	22 1	7 38	23 18	23 15	2 47	12 54	0 7
T 29	21 33	1n34	5 5	16 7	2 22	17 18	1 6	20 22	0 6	21 3	0 37	21 28	0 5	22 33	0 0	4 43	1 36	22 1	7 39	23 18	23 15	2 50	12 56	0 6
W30	21s42	6n24	5n13	15s58	2n28	17s38	1n 4	20s32	0s 7	21s 5	0n37	21s27	0s 5	22n32	0s 0	4n43	1s36	22n 2	7n39	23s18	23s15	2n53	12s59	0s 6

Julian Day Number = 2523437.5, Delta T = 159.94 sec
Ecliptic obliquity = 23°24'51, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°29'28, Lahiri = 26°36'28

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2196
geocentric

DECEMBER 2196 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 42 45	9♐33'54	16♈ 1	22°D21	24♏56	2♐ 6	8♐38	23♑39	14°R43	15°R44	20°R 2	5°R29	6♑29	25♓42	4♏16	T 1
F 2	4 46 42	10°34'39	28° 8	22♏29	26°12	2°48	8°52	23°45	14♊40	15♈43	20♌ 2	5♑24	6°26	25°48	4°23	F 2
S 3	4 50 38	11°35'25	10♉28	22°46	27°27	3°31	9° 5	23°50	14°38	15°42	20° 2	5°20	6°23	25°55	4°31	S 3
S 4	4 54 35	12°36'12	23° 1	23°12	28°42	4°13	9°18	23°56	14°35	15°41	20° 1	5°16	6°20	26° 2	4°39	S 4
M 5	4 58 31	13°37'00	5♊49	23°47	29°58	4°56	9°32	24° 2	14°33	15°41	20° 1	5°13	6°17	26° 9	4°46	M 5
T 6	5 2 28	14°37'49	18°52	24°29	1♐13	5°39	9°45	24° 8	14°30	15°40	20° 1	5°11	6°13	26°15	4°54	T 6
W 7	5 6 25	15°38'39	2♋10	25°17	2°28	6°21	9°59	24°14	14°28	15°39	20° 0	5°D11	6°10	26°22	5° 1	W 7
T 8	5 10 21	16°39'31	15°40	26°10	3°44	7° 4	10°12	24°20	14°25	15°39	20° 0	5°11	6° 7	26°29	5° 8	T 8
F 9	5 14 18	17°40'24	29°21	27° 9	4°59	7°47	10°25	24°27	14°23	15°38	19°59	5°12	6° 4	26°35	5°16	F 9
S 10	5 18 14	18°41'17	13♌13	28°12	6°15	8°30	10°39	24°33	14°20	15°38	19°59	5°13	6° 1	26°42	5°23	S 10
S 11	5 22 11	19°42'12	27°12	29°19	7°30	9°12	10°52	24°39	14°18	15°37	19°58	5°14	5°58	26°49	5°30	S 11
M12	5 26 7	20°43'09	11♍18	0♐29	8°45	9°55	11° 6	24°45	14°15	15°37	19°57	5°15	5°54	26°56	5°37	M12
T 13	5 30 4	21°44'06	25°28	1°42	10° 1	10°38	11°19	24°51	14°13	15°36	19°57	5°R15	5°51	27° 2	5°44	T 13
W14	5 34 1	22°45'05	9♎41	2°57	11°16	11°21	11°32	24°58	14°10	15°36	19°56	5°15	5°48	27° 9	5°51	W14
T 15	5 37 57	23°46'05	23°54	4°14	12°32	12° 4	11°46	25° 4	14° 8	15°35	19°56	5°14	5°45	27°16	5°58	T 15
F 16	5 41 54	24°47'05	8♏ 4	5°34	13°47	12°48	11°59	25°11	14° 5	15°35	19°55	5°13	5°42	27°23	6° 5	F 16
S 17	5 45 50	25°48'07	22° 8	6°55	15° 3	13°31	12°12	25°17	14° 3	15°35	19°54	5°11	5°39	27°29	6°12	S 17
S 18	5 49 47	26°49'10	6♐ 2	8°17	16°18	14°14	12°25	25°24	14° 0	15°34	19°53	5°10	5°35	27°36	6°19	S 18
M19	5 53 43	27°50'14	19°43	9°40	17°34	14°57	12°39	25°30	13°58	15°34	19°53	5°10	5°32	27°43	6°25	M19
T 20	5 57 40	28°51'19	3♑ 9	11° 5	18°49	15°41	12°52	25°37	13°55	15°34	19°52	5°D 9	5°29	27°49	6°32	T 20
W21	6 1 36	29°52'24	16°18	12°30	20° 5	16°24	13° 5	25°43	13°53	15°34	19°51	5° 9	5°26	27°56	6°38	W21
T 22	6 5 33	0♑53'30	29° 9	13°56	21°20	17° 7	13°18	25°50	13°50	15°34	19°50	5°10	5°23	28° 3	6°45	T 22
F 23	6 9 30	1°54'36	11♒43	15°23	22°36	17°51	13°31	25°57	13°48	15°33	19°49	5°10	5°20	28°10	6°51	F 23
S 24	6 13 26	2°55'42	24° 1	16°51	23°51	18°34	13°44	26° 3	13°46	15°33	19°49	5°10	5°16	28°16	6°57	S 24
S 25	6 17 23	3°56'48	6♓ 7	18°19	25° 7	19°18	13°57	26°10	13°43	15°33	19°48	5°11	5°13	28°23	7° 4	S 25
M26	6 21 19	4°57'55	18° 4	19°48	26°22	20° 1	14°10	26°17	13°41	15°D33	19°47	5°R11	5°10	28°30	7°10	M26
T 27	6 25 16	5°59'02	29°57	21°17	27°37	20°45	14°23	26°24	13°39	15°33	19°46	5°D11	5° 7	28°37	7°16	T 27
W28	6 29 12	7° 0'09	11♈50	22°46	28°53	21°29	14°36	26°31	13°36	15°33	19°45	5°11	5° 4	28°43	7°22	W28
T 29	6 33 9	8° 1'16	23°48	24°16	0♑ 8	22°12	14°49	26°37	13°34	15°33	19°44	5°11	5° 0	28°50	7°28	T 29
F 30	6 37 5	9° 2'23	5♉55	25°47	1°24	22°56	15° 2	26°44	13°32	15°33	19°43	5°11	4°57	28°57	7°33	F 30
S 31	6 41 2	10♑ 3'31	18♉16	27♐17	2♑39	23♐40	15♐15	26♑51	13♊30	15♈34	19♌42	5♑12	4♑54	29♓ 3	7♏39	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s52	11n 2	5n 8	15s53	2n33	17s58	1n 2	20s41	0s 7	21s 7	0n37	21s26	0s 5	22n32	0s 0	4n43	1s36	22n 2	7n39	23s18	23s15	2n56	13s 1	0s 6
F 2	22 1	15 18	4 49	15 52	2 35	18 18	1 0	20 50	0 8	21 9	0 37	21 25	0 6	22 32	0 0	4 42	1 36	22 2	7 39	23 18	23 15	2 59	13 3	0 5
S 3	22 9	19 0	4 17	15 55	2 36	18 37	0 58	20 58	0 9	21 11	0 37	21 24	0 6	22 31	0 0	4 42	1 36	22 3	7 40	23 18	23 16	3 2	13 6	0 5
S 4	22 17	21 55	3 31	16 2	2 36	18 56	0 56	21 7	0 9	21 13	0 36	21 23	0 6	22 31	0 0	4 42	1 36	22 3	7 40	23 19	23 16	3 4	13 8	0 5
M 5	22 25	23 48	2 35	16 12	2 34	19 14	0 54	21 15	0 10	21 15	0 36	21 22	0 6	22 31	0 0	4 42	1 36	22 4	7 40	23 19	23 16	3 7	13 10	0 5
T 6	22 32	24 25	1 29	16 25	2 32	19 32	0 52	21 24	0 10	21 17	0 36	21 21	0 6	22 31	0 0	4 41	1 36	22 4	7 41	23 19	23 16	3 10	13 12	0 4
W 7	22 38	23 40	0 17	16 40	2 28	19 49	0 50	21 32	0 11	21 20	0 36	21 20	0 6	22 30	0 0	4 41	1 36	22 4	7 41	23 19	23 16	3 13	13 15	0 4
T 8	22 45	21 33	0s58	16 56	2 24	20 5	0 48	21 39	0 12	21 22	0 36	21 19	0 6	22 30	0 0	4 41	1 36	22 5	7 41	23 19	23 16	3 16	13 17	0 4
F 9	22 51	18 9	2 10	17 15	2 19	20 21	0 46	21 47	0 12	21 24	0 36	21 18	0 6	22 30	0 0	4 41	1 35	22 5	7 41	23 19	23 16	3 18	13 19	0 3
S 10	22 56	13 43	3 15	17 34	2 13	20 37	0 44	21 55	0 13	21 25	0 36	21 17	0 6	22 29	0 0	4 41	1 35	22 6	7 42	23 19	23 17	3 21	13 21	0 3
S 11	23 1	8 31	4 9	17 55	2 7	20 51	0 41	22 2	0 13	21 27	0 36	21 16	0 6	22 29	0 0	4 40	1 35	22 6	7 42	23 19	23 17	3 24	13 23	0 3
M12	23 5	2 52	4 49	18 15	2 1	21 6	0 39	22 9	0 14	21 29	0 36	21 15	0 6	22 29	0 0	4 40	1 35	22 6	7 42	23 19	23 17	3 27	13 25	0 2
T 13	23 9	2s58	5 12	18 37	1 54	21 19	0 37	22 16	0 15	21 31	0 36	21 14	0 6	22 29	0 0	4 40	1 35	22 7	7 42	23 19	23 17	3 29	13 27	0 2
W14	23 13	8 40	5 15	18 58	1 47	21 32	0 35	22 22	0 15	21 33	0 36	21 13	0 6	22 28	0 0	4 40	1 35	22 7	7 43	23 19	23 17	3 32	13 29	0 2
T 15	23 16	13 54	5 0	19 20	1 40	21 44	0 32	22 29	0 16	21 35	0 36	21 12	0 6	22 28	0 0	4 40	1 35	22 8	7 43	23 19	23 17	3 35	13 31	0 2
F 16	23 19	18 22	4 26	19 42	1 32	21 56	0 30	22 35	0 17	21 37	0 36	21 11	0 6	22 28	0 0	4 40	1 35	22 8	7 43	23 19	23 17	3 38	13 33	0 1
S 17	23 21	21 46	3 36	20 3	1 25	22 7	0 28	22 41	0 17	21 39	0 36	21 10	0 7	22 27	0 0	4 40	1 35	22 9	7 43	23 19	23 18	3 41	13 35	0 1
S 18	23 23	23 50	2 34	20 24	1 17	22 18	0 25	22 47	0 18	21 40	0 36	21 9	0 7	22 27	0 0	4 40	1 35	22 9	7 44	23 19	23 18	3 43	13 37	0 1
M19	23 24	24 25	1 25	20 44	1 10	22 27	0 23	22 52	0 18	21 42	0 36	21 8	0 7	22 27	0 0	4 40	1 35	22 10	7 44	23 19	23 18	3 46	13 39	0 0
T 20	23 25	23 34	0 11	21 4	1 2	22 36	0 20	22 58	0 19	21 44	0 35	21 6	0 7	22 27	0 0	4 40	1 35	22 10	7 44	23 19	23 18	3 49	13 41	0n 0
W21	23 25	21 24	1n 1	21 23	0 54	22 45	0 18	23 3	0 20	21 46	0 35	21 5	0 7	22 26	0 0	4 40	1 35	22 11	7 44	23 19	23 18	3 52	13 43	0 0
T 22	23 25	18 12	2 9	21 41	0 46	22 52	0 16	23 8	0 20	21 47	0 35	21 4	0 7	22 26	0 0	4 40	1 35	22 11	7 45	23 19	23 18	3 54	13 45	0 1
F 23	23 24	14 13	3 9	21 59	0 39	22 59	0 13	23 12	0 21	21 49	0 35	21 3	0 7	22 26	0 0	4 40	1 35	22 12	7 45	23 19	23 18	3 57	13 46	0 1
S 24	23 23	9 44	3 59	22 15	0 31	23 6	0 11	23 17	0 21	21 50	0 35	21 2	0 7	22 25	0 0	4 40	1 35	22 12	7 45	23 19	23 19	4 0	13 48	0 1
S 25	23 21	4 57	4 37	22 31	0 23	23 11	0 8	23 21	0 22	21 52	0 35	21 1	0 7	22 25	0 0	4 40	1 35	22 13	7 45	23 19	23 19	4 3	13 50	0 2
M26	23 19	0 3	5 3	22 46	0 16	23 16	0 6	23 25	0 23	21 54	0 35	20 59	0 7	22 25	0 0	4 40	1 35	22 13	7 46	23 19	23 19	4 6	13 51	0 2
T 27	23 17	4n49	5 16	22 59	0 8	23 20	0 3	23 29	0 23	21 55	0 35	20 58	0 7	22 25	0 0	4 40	1 35	22 14	7 46	23 19	23 19	4 8	13 53	0 2
W28	23 14	9 30	5 15	23 12	0 1	23 24	0 1	23 32	0 24	21 57	0 35	20 57	0 7	22 24	0 0	4 40	1 35	22 14	7 46	23 19	23 19	4 11	13 55	0 3
T 29	23 10	13 53	5 1	23 24	0s 6	23 26	0s 1	23 36	0 24	21 58	0 35	20 56	0 7	22 24	0 0	4 40	1 35	22 15	7 46	23 19	23 19	4 14	13 56	0 3
F 30	23 6	17 46	4 33	23 34	0 14	23 28	0 4	23 39	0 25	22 0	0 35	20 54	0 7	22 24	0 0	4 40	1 34	22 15	7 47	23 19	23 19	4 17	13 58	0 3
S 31	23s 2	20n58	3n52	23s44	0s21	23s30	0s 6	23s41	0s26	22s 1	0n35	20s53	0s 7	22n24	0s 0	4n40	1s34	22n16	7n47	23s19	23s19	4n19	14s 0	0n 4

Julian Day Number = 2523467.5, Delta T = 160.01 sec
Ecliptic obliquity = 23°24'50, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°29'32, Lahiri = 26°36'32

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2197
geocentric

JANUARY 2197 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 44 59	11♑ 4'38	0♊55	28♐48	3♑55	24♐24	15♐28	26♑58	13°R28	15♈34	19°R41	5♑12	4♑51	29♓10	7♏45	S 1
M 2	6 48 55	12° 5'45	13°52	0♑20	5°10	25° 7	15°41	27° 5	13♊25	15°34	19♌40	5°13	4°48	29°17	7°50	M 2
T 3	6 52 52	13° 6'53	27°11	1°51	6°26	25°51	15°53	27°12	13°23	15°34	19°39	5°13	4°45	29°24	7°56	T 3
W 4	6 56 48	14° 8'00	10♋50	3°24	7°41	26°35	16° 6	27°19	13°21	15°35	19°38	5°R13	4°41	29°30	8° 1	W 4
T 5	7 0 45	15° 9'07	24°47	4°56	8°57	27°19	16°19	27°26	13°19	15°35	19°36	5°13	4°38	29°37	8° 6	T 5
F 6	7 4 41	16°10'15	8♌58	6°29	10°12	28° 3	16°31	27°33	13°17	15°35	19°35	5°12	4°35	29°44	8°11	F 6
S 7	7 8 38	17°11'22	23°19	8° 2	11°28	28°47	16°44	27°40	13°15	15°36	19°34	5°10	4°32	29°50	8°16	S 7
S 8	7 12 34	18°12'30	7♍45	9°35	12°43	29°32	16°56	27°47	13°13	15°36	19°33	5° 9	4°29	29°57	8°21	S 8
M 9	7 16 31	19°13'38	22°10	11° 9	13°59	0♑16	17° 9	27°54	13°11	15°37	19°32	5° 7	4°26	0♈ 4	8°26	M 9
T 10	7 20 28	20°14'46	6♎30	12°43	15°14	1° 0	17°21	28° 1	13° 9	15°37	19°31	5° 6	4°22	0°11	8°31	T 10
W11	7 24 24	21°15'54	20°42	14°18	16°30	1°44	17°33	28° 8	13° 7	15°38	19°29	5°D 6	4°19	0°17	8°36	W11
T 12	7 28 21	22°17'02	4♏44	15°53	17°45	2°29	17°45	28°15	13° 6	15°38	19°28	5° 6	4°16	0°24	8°40	T 12
F 13	7 32 17	23°18'11	18°34	17°29	19° 1	3°13	17°58	28°22	13° 4	15°39	19°27	5° 7	4°13	0°31	8°45	F 13
S 14	7 36 14	24°19'19	2♐13	19° 5	20°16	3°57	18°10	28°30	13° 2	15°39	19°26	5° 8	4°10	0°38	8°49	S 14
S 15	7 40 10	25°20'28	15°39	20°41	21°32	4°42	18°22	28°37	13° 0	15°40	19°24	5°10	4° 6	0°44	8°54	S 15
M16	7 44 7	26°21'36	28°53	22°18	22°47	5°26	18°34	28°44	12°59	15°41	19°23	5°R11	4° 3	0°51	8°58	M16
T 17	7 48 4	27°22'44	11♑55	23°55	24° 3	6°11	18°46	28°51	12°57	15°42	19°22	5°11	4° 0	0°58	9° 2	T 17
W18	7 52 0	28°23'52	24°44	25°33	25°18	6°55	18°58	28°58	12°56	15°42	19°21	5°10	3°57	1° 4	9° 6	W18
T 19	7 55 57	29°24'59	7♒21	27°11	26°33	7°40	19°10	29° 5	12°54	15°43	19°19	5° 7	3°54	1°11	9°10	T 19
F 20	7 59 53	0♒26'06	19°45	28°50	27°49	8°25	19°21	29°12	12°52	15°44	19°18	5° 3	3°51	1°18	9°14	F 20
S 21	8 3 50	1°27'12	1♓59	0♒30	29° 4	9° 9	19°33	29°19	12°51	15°45	19°17	4°59	3°47	1°25	9°17	S 21
S 22	8 7 46	2°28'17	14° 3	2° 9	0♒20	9°54	19°45	29°26	12°50	15°46	19°15	4°54	3°44	1°31	9°21	S 22
M23	8 11 43	3°29'21	25°59	3°50	1°35	10°39	19°56	29°34	12°48	15°47	19°14	4°49	3°41	1°38	9°24	M23
T 24	8 15 39	4°30'25	7♈51	5°31	2°51	11°24	20° 7	29°41	12°47	15°48	19°12	4°45	3°38	1°45	9°28	T 24
W25	8 19 36	5°31'28	19°43	7°13	4° 6	12° 8	20°19	29°48	12°46	15°49	19°11	4°42	3°35	1°52	9°31	W25
T 26	8 23 32	6°32'30	1♉38	8°55	5°22	12°53	20°30	29°55	12°44	15°50	19°10	4°D41	3°31	1°58	9°34	T 26
F 27	8 27 29	7°33'30	13°42	10°37	6°37	13°38	20°41	0♒ 2	12°43	15°51	19° 8	4°41	3°28	2° 5	9°37	F 27
S 28	8 31 26	8°34'30	26° 0	12°21	7°52	14°23	20°52	0° 9	12°42	15°52	19° 7	4°42	3°25	2°12	9°40	S 28
S 29	8 35 22	9°35'29	8♊35	14° 4	9° 8	15° 8	21° 3	0°16	12°41	15°53	19° 6	4°44	3°22	2°18	9°43	S 29
M30	8 39 19	10°36'27	21°34	15°49	10°23	15°53	21°14	0°23	12°40	15°54	19° 4	4°45	3°19	2°25	9°46	M30
T 31	8 43 15	11♒37'24	4♋57	17♒33	11♒38	16♑38	21♐25	0♒30	12♊39	15♈55	19♌ 3	4°R46	3♑16	2♈32	9♏48	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s57	23n14	2n59	23s52	0s27	23s30	0s 9	23s44	0s26	22s 3	0n35	20s52	0s 8	22n23	0s 0	4n40	1s34	22n16	7n47	23s19	23s19	4n22	14s 1	0n 4
M 2	22 52	24 21	1 56	23 59	0 34	23 30	0 11	23 46	0 27	22 4	0 35	20 51	0 8	22 23	0 0	4 40	1 34	22 17	7 47	23 19	23 20	4 25	14 3	0 4
T 3	22 46	24 7	0 44	24 5	0 41	23 29	0 14	23 48	0 28	22 5	0 35	20 49	0 8	22 23	0 0	4 40	1 34	22 18	7 47	23 19	23 20	4 28	14 4	0 5
W 4	22 40	22 27	0s31	24 9	0 47	23 27	0 16	23 50	0 28	22 7	0 35	20 48	0 8	22 23	0 0	4 41	1 34	22 18	7 48	23 19	23 20	4 30	14 5	0 5
T 5	22 33	19 24	1 46	24 12	0 53	23 25	0 18	23 52	0 29	22 8	0 35	20 47	0 8	22 22	0 0	4 41	1 34	22 19	7 48	23 19	23 20	4 33	14 7	0 5
F 6	22 26	15 10	2 56	24 14	0 59	23 22	0 21	23 53	0 29	22 9	0 35	20 45	0 8	22 22	0 0	4 41	1 34	22 19	7 48	23 19	23 20	4 36	14 8	0 5
S 7	22 19	10 1	3 56	24 15	1 5	23 18	0 23	23 55	0 30	22 11	0 35	20 44	0 8	22 22	0 0	4 41	1 34	22 20	7 48	23 19	23 20	4 39	14 9	0 6
S 8	22 11	4 19	4 41	24 14	1 11	23 14	0 25	23 55	0 31	22 12	0 35	20 43	0 8	22 22	0 0	4 41	1 34	22 20	7 48	23 19	23 20	4 41	14 11	0 6
M 9	22 2	1s37	5 8	24 12	1 16	23 8	0 28	23 56	0 31	22 13	0 35	20 41	0 8	22 21	0 0	4 42	1 34	22 21	7 49	23 19	23 20	4 44	14 12	0 6
T 10	21 53	7 25	5 16	24 9	1 21	23 2	0 30	23 56	0 32	22 14	0 35	20 40	0 8	22 21	0n 0	4 42	1 34	22 21	7 49	23 19	23 20	4 47	14 13	0 7
W11	21 44	12 46	5 4	24 4	1 26	22 56	0 32	23 57	0 32	22 15	0 35	20 39	0 8	22 21	0 0	4 42	1 34	22 22	7 49	23 19	23 21	4 49	14 14	0 7
T 12	21 34	17 24	4 35	23 58	1 31	22 48	0 34	23 57	0 33	22 17	0 35	20 37	0 8	22 21	0 0	4 42	1 34	22 23	7 49	23 19	23 21	4 52	14 16	0 7
F 13	21 24	21 1	3 50	23 51	1 35	22 40	0 36	23 56	0 34	22 18	0 35	20 36	0 8	22 21	0 0	4 43	1 34	22 23	7 49	23 19	23 21	4 55	14 17	0 8
S 14	21 14	23 23	2 52	23 42	1 39	22 31	0 39	23 56	0 34	22 19	0 35	20 35	0 8	22 20	0 0	4 43	1 34	22 24	7 50	23 19	23 21	4 58	14 18	0 8
S 15	21 3	24 24	1 46	23 32	1 43	22 22	0 41	23 55	0 35	22 20	0 34	20 33	0 9	22 20	0 0	4 43	1 34	22 24	7 50	23 19	23 21	5 0	14 19	0 9
M16	20 51	23 59	0 35	23 20	1 47	22 12	0 43	23 54	0 36	22 21	0 34	20 32	0 9	22 20	0 0	4 43	1 34	22 25	7 50	23 19	23 21	5 3	14 20	0 9
T 17	20 40	22 16	0n37	23 7	1 50	22 1	0 45	23 52	0 36	22 22	0 34	20 31	0 9	22 20	0 0	4 44	1 34	22 25	7 50	23 19	23 21	5 6	14 21	0 9
W18	20 28	19 26	1 45	22 52	1 53	21 49	0 47	23 51	0 37	22 23	0 34	20 29	0 9	22 20	0 0	4 44	1 34	22 26	7 50	23 19	23 21	5 8	14 22	0 10
T 19	20 15	15 43	2 48	22 36	1 56	21 37	0 49	23 49	0 37	22 24	0 34	20 28	0 9	22 19	0 0	4 45	1 33	22 27	7 50	23 19	23 21	5 11	14 23	0 10
F 20	20 2	11 23	3 41	22 18	1 59	21 24	0 51	23 47	0 38	22 25	0 34	20 26	0 9	22 19	0 0	4 45	1 33	22 27	7 51	23 19	23 21	5 14	14 24	0 10
S 21	19 49	6 40	4 23	21 59	2 1	21 11	0 53	23 44	0 39	22 26	0 34	20 25	0 9	22 19	0 0	4 45	1 33	22 28	7 51	23 19	23 22	5 17	14 24	0 11
S 22	19 35	1 46	4 52	21 39	2 2	20 57	0 55	23 42	0 39	22 27	0 34	20 24	0 9	22 19	0 0	4 46	1 33	22 28	7 51	23 19	23 22	5 19	14 25	0 11
M23	19 21	3n 8	5 9	21 17	2 4	20 42	0 56	23 39	0 40	22 28	0 34	20 22	0 9	22 19	0 0	4 46	1 33	22 29	7 51	23 20	23 22	5 22	14 26	0 11
T 24	19 7	7 53	5 12	20 53	2 5	20 27	0 58	23 36	0 40	22 29	0 34	20 21	0 9	22 19	0 0	4 46	1 33	22 29	7 51	23 20	23 22	5 25	14 27	0 12
W25	18 52	12 21	5 2	20 28	2 5	20 11	1 0	23 32	0 41	22 29	0 34	20 19	0 9	22 18	0 0	4 47	1 33	22 30	7 51	23 20	23 22	5 27	14 27	0 12
T 26	18 37	16 23	4 39	20 2	2 6	19 54	1 2	23 29	0 42	22 30	0 34	20 18	0 9	22 18	0 0	4 47	1 33	22 31	7 51	23 20	23 22	5 30	14 28	0 12
F 27	18 22	19 48	4 3	19 34	2 5	19 37	1 3	23 25	0 42	22 31	0 34	20 16	0 9	22 18	0 0	4 48	1 33	22 31	7 51	23 20	23 22	5 33	14 29	0 13
S 28	18 6	22 24	3 16	19 4	2 5	19 20	1 5	23 21	0 43	22 32	0 34	20 15	0 9	22 18	0 0	4 48	1 33	22 32	7 52	23 20	23 22	5 35	14 29	0 13
S 29	17 50	23 59	2 18	18 33	2 3	19 1	1 6	23 16	0 43	22 33	0 34	20 14	0 10	22 18	0 0	4 49	1 33	22 32	7 52	23 20	23 22	5 38	14 30	0 13
M30	17 33	24 20	1 11	18 1	2 2	18 43	1 8	23 12	0 44	22 33	0 34	20 12	0 10	22 18	0 0	4 49	1 33	22 33	7 52	23 20	23 22	5 41	14 30	0 14
T 31	17s17	23n18	0s 1	17s27	2s 0	18s23	1s 9	23s 7	0s45	22s34	0n34	20s11	0s10	22n18	0n 0	4n50	1s33	22n33	7n52	23s20	23s22	5n44	14s31	0n14

Julian Day Number = 2523498.5, Delta T = 160.10 sec
Ecliptic obliquity = 23°24'49, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°29'36, Lahiri = 26°36'36

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2197
geocentric

FEBRUARY 2197 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 47 12	12♒38'19	18♋46	19♒19	12♒54	17♉23	21♐36	0♒37	12°R38	15♈57	19°R 1	4°R45	3♉12	2♈39	9♏51	W 1
T 2	8 51 8	13°39'14	3♌ 1	21° 4	14° 9	18° 8	21°47	0°44	12♊37	15°58	19♌ 0	4♉42	3° 9	2°45	9°53	T 2
F 3	8 55 5	14°40'07	17°36	22°50	15°25	18°54	21°57	0°51	12°36	15°59	18°58	4°38	3° 6	2°52	9°55	F 3
S 4	8 59 2	15°40'59	2♍26	24°36	16°40	19°39	22° 8	0°58	12°36	16° 0	18°57	4°32	3° 3	2°59	9°57	S 4
S 5	9 2 58	16°41'50	17°21	26°22	17°55	20°24	22°18	1° 5	12°35	16° 2	18°56	4°25	3° 0	3° 5	9°59	S 5
M 6	9 6 55	17°42'41	2♎13	28° 8	19°10	21° 9	22°28	1°12	12°34	16° 3	18°54	4°18	2°57	3°12	10° 1	M 6
T 7	9 10 51	18°43'30	16°55	29°54	20°26	21°54	22°39	1°19	12°34	16° 5	18°53	4°13	2°53	3°19	10° 3	T 7
W 8	9 14 48	19°44'19	1♏20	1♓39	21°41	22°40	22°49	1°26	12°33	16° 6	18°51	4°10	2°50	3°26	10° 5	W 8
T 9	9 18 44	20°45'07	15°26	3°23	22°56	23°25	22°59	1°33	12°32	16° 7	18°50	4°D 8	2°47	3°32	10° 6	T 9
F 10	9 22 41	21°45'54	29°11	5° 7	24°12	24°11	23° 9	1°39	12°32	16° 9	18°48	4° 8	2°44	3°39	10° 8	F 10
S 11	9 26 37	22°46'40	12♐36	6°50	25°27	24°56	23°18	1°46	12°32	16°10	18°47	4° 9	2°41	3°46	10° 9	S 11
S 12	9 30 34	23°47'25	25°45	8°30	26°42	25°42	23°28	1°53	12°31	16°12	18°46	4°10	2°37	3°53	10°10	S 12
M13	9 34 31	24°48'09	8♑38	10° 9	27°57	26°27	23°38	2° 0	12°31	16°13	18°44	4°R11	2°34	3°59	10°11	M13
T 14	9 38 27	25°48'52	21°18	11°45	29°13	27°13	23°47	2° 7	12°31	16°15	18°43	4° 9	2°31	4° 6	10°12	T 14
W15	9 42 24	26°49'34	3♒48	13°18	0♓28	27°58	23°56	2°13	12°30	16°17	18°41	4° 5	2°28	4°13	10°13	W15
T 16	9 46 20	27°50'15	16° 8	14°48	1°43	28°44	24° 6	2°20	12°30	16°18	18°40	3°58	2°25	4°19	10°14	T 16
F 17	9 50 17	28°50'54	28°20	16°13	2°58	29°29	24°15	2°27	12°30	16°20	18°39	3°49	2°22	4°26	10°14	F 17
S 18	9 54 13	29°51'31	10♓25	17°34	4°13	0♒15	24°24	2°33	12°D30	16°22	18°37	3°38	2°18	4°33	10°15	S 18
S 19	9 58 10	0♓52'07	22°24	18°48	5°29	1° 1	24°33	2°40	12°30	16°23	18°36	3°27	2°15	4°40	10°15	S 19
M20	10 2 6	1°52'42	4♈18	19°57	6°44	1°46	24°41	2°46	12°30	16°25	18°34	3°15	2°12	4°46	10°16	M20
T 21	10 6 3	2°53'15	16°10	20°58	7°59	2°32	24°50	2°53	12°30	16°27	18°33	3° 5	2° 9	4°53	10°16	T 21
W22	10 9 59	3°53'46	28° 1	21°52	9°14	3°18	24°59	2°59	12°30	16°29	18°32	2°57	2° 6	5° 0	10°R16	W22
T 23	10 13 56	4°54'15	9♉55	22°37	10°29	4° 4	25° 7	3° 6	12°31	16°30	18°30	2°51	2° 3	5° 6	10°16	T 23
F 24	10 17 53	5°54'43	21°56	23°14	11°44	4°50	25°15	3°12	12°31	16°32	18°29	2°48	1°59	5°13	10°15	F 24
S 25	10 21 49	6°55'09	4♊ 9	23°41	12°59	5°35	25°23	3°18	12°31	16°34	18°27	2°D47	1°56	5°20	10°15	S 25
S 26	10 25 46	7°55'33	16°39	23°59	14°14	6°21	25°31	3°25	12°32	16°36	18°26	2°47	1°53	5°27	10°15	S 26
M27	10 29 42	8°55'55	29°31	24°R 7	15°29	7° 7	25°39	3°31	12°32	16°38	18°25	2°R47	1°50	5°33	10°14	M27
T 28	10 33 39	9♓56'15	12♋49	24♓ 5	16♓44	7♒53	25♐47	3♒37	12♊32	16♈40	18♌23	2♉47	1♉47	5♈40	10♏13	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17s 0	20n51	1s15	16s52	1s57	18s 3	1s11	23s 2	0s45	22s35	0n34	20s 9	0s10	22n17	0n 0	4n50	1s33	22n34	7n52	23s20	23s22	5n46	14s31	0n15
T 2	16 43	17 4	2 27	16 15	1 54	17 43	1 12	22 56	0 46	22 35	0 34	20 8	0 10	22 17	0 0	4 51	1 33	22 34	7 52	23 20	23 23	5 49	14 32	0 15
F 3	16 25	12 11	3 31	15 37	1 50	17 22	1 13	22 51	0 46	22 36	0 34	20 6	0 10	22 17	0 0	4 51	1 33	22 35	7 52	23 20	23 23	5 52	14 32	0 15
S 4	16 7	6 31	4 22	14 58	1 45	17 1	1 15	22 45	0 47	22 37	0 34	20 5	0 10	22 17	0 0	4 52	1 33	22 36	7 52	23 20	23 23	5 54	14 32	0 16
S 5	15 49	0 27	4 55	14 17	1 40	16 39	1 16	22 39	0 47	22 37	0 34	20 4	0 10	22 17	0 0	4 52	1 33	22 36	7 52	23 20	23 23	5 57	14 33	0 16
M 6	15 30	5s36	5 8	13 35	1 35	16 17	1 17	22 33	0 48	22 38	0 34	20 2	0 10	22 17	0 0	4 53	1 33	22 37	7 52	23 21	23 23	6 0	14 33	0 16
T 7	15 12	11 16	5 1	12 52	1 28	15 54	1 18	22 26	0 49	22 39	0 34	20 1	0 10	22 17	0 0	4 53	1 33	22 37	7 53	23 21	23 23	6 2	14 33	0 17
W 8	14 53	16 13	4 35	12 8	1 21	15 31	1 19	22 19	0 49	22 39	0 34	19 59	0 10	22 17	0 0	4 54	1 33	22 38	7 53	23 21	23 23	6 5	14 33	0 17
T 9	14 34	20 9	3 52	11 24	1 13	15 7	1 20	22 12	0 50	22 40	0 34	19 58	0 10	22 17	0 0	4 55	1 33	22 38	7 53	23 21	23 23	6 8	14 33	0 17
F 10	14 14	22 50	2 57	10 38	1 5	14 43	1 21	22 5	0 50	22 40	0 34	19 56	0 10	22 17	0 0	4 55	1 33	22 39	7 53	23 21	23 23	6 10	14 33	0 18
S 11	13 55	24 10	1 54	9 51	0 56	14 18	1 22	21 57	0 51	22 41	0 34	19 55	0 11	22 17	0 0	4 56	1 32	22 39	7 53	23 21	23 23	6 13	14 33	0 18
S 12	13 35	24 6	0 45	9 5	0 46	13 54	1 23	21 50	0 51	22 41	0 34	19 53	0 11	22 17	0 0	4 56	1 32	22 40	7 53	23 21	23 23	6 16	14 34	0 19
M13	13 14	22 44	0n24	8 18	0 35	13 28	1 23	21 42	0 52	22 42	0 34	19 52	0 11	22 17	0 0	4 57	1 32	22 40	7 53	23 21	23 23	6 18	14 33	0 19
T 14	12 54	20 14	1 31	7 31	0 24	13 3	1 24	21 33	0 53	22 42	0 34	19 51	0 11	22 17	0 0	4 58	1 32	22 41	7 53	23 21	23 23	6 21	14 33	0 19
W15	12 33	16 49	2 32	6 44	0 12	12 37	1 24	21 25	0 53	22 42	0 34	19 49	0 11	22 17	0 0	4 58	1 32	22 41	7 53	23 21	23 23	6 24	14 33	0 20
T 16	12 13	12 43	3 25	5 58	0n 1	12 11	1 25	21 16	0 54	22 43	0 34	19 48	0 11	22 17	0 0	4 59	1 32	22 42	7 53	23 21	23 24	6 26	14 33	0 20
F 17	11 52	8 9	4 8	5 12	0 15	11 44	1 25	21 7	0 54	22 43	0 34	19 46	0 11	22 17	0 0	5 0	1 32	22 42	7 53	23 22	23 24	6 29	14 33	0 20
S 18	11 31	3 20	4 40	4 28	0 29	11 17	1 26	20 58	0 55	22 44	0 34	19 45	0 11	22 17	0 0	5 0	1 32	22 43	7 53	23 22	23 24	6 31	14 33	0 21
S 19	11 9	1n33	4 58	3 46	0 43	10 50	1 26	20 49	0 55	22 44	0 34	19 43	0 11	22 17	0 0	5 1	1 32	22 43	7 53	23 22	23 24	6 34	14 33	0 21
M20	10 48	6 21	5 4	3 6	0 58	10 22	1 26	20 39	0 56	22 44	0 34	19 42	0 11	22 17	0 0	5 2	1 32	22 44	7 53	23 22	23 24	6 37	14 32	0 22
T 21	10 26	10 54	4 56	2 27	1 13	9 54	1 27	20 29	0 56	22 45	0 34	19 41	0 11	22 17	0 0	5 2	1 32	22 44	7 53	23 23	23 24	6 39	14 32	0 22
W22	10 4	15 2	4 36	1 52	1 28	9 26	1 27	20 19	0 57	22 45	0 34	19 39	0 11	22 17	0 0	5 3	1 32	22 45	7 53	23 23	23 24	6 42	14 32	0 22
T 23	9 42	18 37	4 3	1 20	1 44	8 58	1 27	20 9	0 57	22 45	0 34	19 38	0 11	22 17	0 0	5 4	1 32	22 45	7 53	23 23	23 24	6 45	14 31	0 23
F 24	9 20	21 27	3 20	0 52	1 59	8 30	1 27	19 59	0 58	22 46	0 34	19 36	0 12	22 17	0 0	5 5	1 32	22 46	7 53	23 23	23 24	6 47	14 31	0 23
S 25	8 58	23 21	2 26	0 27	2 14	8 1	1 27	19 48	0 59	22 46	0 34	19 35	0 12	22 17	0 0	5 5	1 32	22 46	7 53	23 23	23 24	6 50	14 30	0 24
S 26	8 35	24 9	1 25	0 7	2 28	7 32	1 27	19 37	0 59	22 46	0 34	19 34	0 12	22 17	0 0	5 6	1 32	22 46	7 53	23 23	23 24	6 52	14 30	0 24
M27	8 13	23 42	0 17	0n 9	2 42	7 3	1 27	19 26	1 0	22 47	0 34	19 32	0 12	22 17	0 0	5 7	1 32	22 47	7 53	23 23	23 24	6 55	14 29	0 24
T 28	7s50	21n55	0s53	0n20	2n55	6s33	1s26	19s15	1s 0	22s47	0n34	19s31	0s12	22n17	0n 0	5n 8	1s32	22n47	7n53	23s23	23s24	6n58	14s29	0n25

Julian Day Number = 2523529.5, Delta T = 160.18 sec
Ecliptic obliquity = 23°24'50, Nutation = 0°00'19, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°29'40, Lahiri = 26°36'41

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2197
geocentric

MARCH 2197 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 37 35	10♓56'33	26♋36	23°R53	17♓59	8♒39	25♐54	3♒43	12♊33	16♈41	18°R22	2°R45	1♉43	5♈47	10°R13	W 1
T 2	10 41 32	11°56'50	10♌53	23♓31	19°14	9°25	26° 2	3°49	12°34	16°43	18♌21	2♉40	1°40	5°54	10♏12	T 2
F 3	10 45 28	12°57'04	25°37	23° 1	20°29	10°11	26° 9	3°56	12°34	16°45	18°20	2°32	1°37	6° 0	10°11	F 3
S 4	10 49 25	13°57'16	10♍41	22°23	21°44	10°57	26°16	4° 2	12°35	16°47	18°18	2°23	1°34	6° 7	10° 9	S 4
S 5	10 53 22	14°57'27	25°56	21°37	22°59	11°43	26°23	4° 8	12°36	16°49	18°17	2°12	1°31	6°14	10° 8	S 5
M 6	10 57 18	15°57'36	11♎11	20°46	24°14	12°29	26°30	4°13	12°36	16°51	18°16	2° 2	1°28	6°20	10° 7	M 6
T 7	11 1 15	16°57'43	26°15	19°50	25°29	13°15	26°37	4°19	12°37	16°53	18°15	1°52	1°24	6°27	10° 5	T 7
W 8	11 5 11	17°57'48	11♏ 0	18°51	26°44	14° 1	26°44	4°25	12°38	16°55	18°13	1°45	1°21	6°34	10° 4	W 8
T 9	11 9 8	18°57'53	25°19	17°50	27°59	14°47	26°50	4°31	12°39	16°57	18°12	1°41	1°18	6°41	10° 2	T 9
F 10	11 13 4	19°57'55	9♐12	16°48	29°13	15°33	26°56	4°37	12°40	16°59	18°11	1°39	1°15	6°47	10° 0	F 10
S 11	11 17 1	20°57'56	22°38	15°48	0♈28	16°20	27° 2	4°42	12°41	17° 2	18°10	1°D39	1°12	6°54	9°59	S 11
S 12	11 20 57	21°57'56	5♑41	14°50	1°43	17° 6	27° 8	4°48	12°42	17° 4	18° 9	1°R39	1° 9	7° 1	9°57	S 12
M13	11 24 54	22°57'54	18°25	13°56	2°58	17°52	27°14	4°53	12°44	17° 6	18° 8	1°38	1° 5	7° 8	9°54	M13
T 14	11 28 51	23°57'50	0♒54	13° 6	4°12	18°38	27°20	4°59	12°45	17° 8	18° 6	1°35	1° 2	7°14	9°52	T 14
W15	11 32 47	24°57'45	13°10	12°21	5°27	19°24	27°25	5° 4	12°46	17°10	18° 5	1°30	0°59	7°21	9°50	W15
T 16	11 36 44	25°57'37	25°18	11°42	6°42	20°11	27°31	5°10	12°47	17°12	18° 4	1°21	0°56	7°28	9°48	T 16
F 17	11 40 40	26°57'28	7♓19	11° 9	7°56	20°57	27°36	5°15	12°49	17°14	18° 3	1° 9	0°53	7°34	9°45	F 17
S 18	11 44 37	27°57'17	19°17	10°42	9°11	21°43	27°41	5°20	12°50	17°16	18° 2	0°55	0°49	7°41	9°42	S 18
S 19	11 48 33	28°57'04	1♈10	10°22	10°26	22°29	27°46	5°25	12°52	17°19	18° 1	0°41	0°46	7°48	9°40	S 19
M20	11 52 30	29°56'49	13° 3	10° 8	11°40	23°16	27°50	5°30	12°53	17°21	18° 0	0°26	0°43	7°55	9°37	M20
T 21	11 56 26	0♈56'32	24°54	10° 0	12°55	24° 2	27°55	5°35	12°55	17°23	17°59	0°12	0°40	8° 1	9°34	T 21
W22	12 0 23	1°56'13	6♉47	9°D59	14° 9	24°48	27°59	5°40	12°56	17°25	17°58	0° 1	0°37	8° 8	9°31	W22
T 23	12 4 20	2°55'52	18°43	10° 3	15°24	25°35	28° 4	5°45	12°58	17°27	17°57	29♐53	0°34	8°15	9°28	T 23
F 24	12 8 16	3°55'29	0♊46	10°13	16°38	26°21	28° 8	5°50	12°59	17°30	17°56	29°48	0°30	8°21	9°25	F 24
S 25	12 12 13	4°55'04	12°59	10°28	17°53	27° 7	28°11	5°55	13° 1	17°32	17°55	29°45	0°27	8°28	9°22	S 25
S 26	12 16 9	5°54'36	25°27	10°49	19° 7	27°54	28°15	6° 0	13° 3	17°34	17°54	29°44	0°24	8°35	9°18	S 26
M27	12 20 6	6°54'06	8♋14	11°14	20°22	28°40	28°18	6° 4	13° 5	17°36	17°54	29°44	0°21	8°42	9°15	M27
T 28	12 24 2	7°53'34	21°24	11°44	21°36	29°26	28°22	6° 9	13° 7	17°39	17°53	29°44	0°18	8°48	9°12	T 28
W29	12 27 59	8°52'59	5♌ 3	12°18	22°51	0♓13	28°25	6°13	13° 9	17°41	17°52	29°42	0°14	8°55	9° 8	W29
T 30	12 31 55	9°52'22	19°11	12°57	24° 5	0°59	28°28	6°18	13°11	17°43	17°51	29°37	0°11	9° 2	9° 4	T 30
F 31	12 35 52	10♈51'43	3♍47	13♓39	25♈19	1♓46	28♐31	6♒22	13♊13	17♈45	17♌50	29♐30	0♉ 8	9♈ 9	9♏ 1	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	7s27	18n48	2s 3	0n25	3n 6	6s 4	1s26	19s 3	1s 1	22s47	0n34	19s30	0s12	22n17	0n 0	5n 8	1s32	22n48	7n53	23s23	23s24	7n 0	14s28	0n25
T 2	7 4	14 29	3 8	0 26	3 17	5 34	1 26	18 52	1 1	22 47	0 34	19 28	0 12	22 17	0 0	5 9	1 32	22 48	7 53	23 23	23 24	7 3	14 27	0 26
F 3	6 41	9 10	4 2	0 22	3 25	5 4	1 25	18 40	1 2	22 47	0 34	19 27	0 12	22 17	0 0	5 10	1 32	22 48	7 53	23 23	23 24	7 6	14 27	0 26
S 4	6 18	3 14	4 40	0 14	3 32	4 34	1 25	18 28	1 2	22 48	0 34	19 26	0 12	22 17	0 0	5 11	1 32	22 49	7 53	23 24	23 24	7 8	14 26	0 26
S 5	5 55	2s58	5 0	0 0	3 37	4 4	1 24	18 15	1 3	22 48	0 34	19 24	0 12	22 17	0 1	5 11	1 32	22 49	7 53	23 24	23 24	7 11	14 25	0 27
M 6	5 32	8 59	4 58	0s17	3 40	3 34	1 24	18 3	1 3	22 48	0 34	19 23	0 12	22 18	0 1	5 12	1 32	22 50	7 53	23 24	23 24	7 13	14 24	0 27
T 7	5 9	14 23	4 35	0 38	3 41	3 4	1 23	17 50	1 4	22 48	0 34	19 22	0 12	22 18	0 1	5 13	1 32	22 50	7 53	23 24	23 24	7 16	14 23	0 28
W 8	4 45	18 49	3 54	1 3	3 39	2 33	1 22	17 38	1 4	22 48	0 34	19 20	0 13	22 18	0 1	5 14	1 32	22 50	7 53	23 24	23 24	7 19	14 23	0 28
T 9	4 22	21 59	3 0	1 30	3 36	2 3	1 21	17 25	1 5	22 48	0 34	19 19	0 13	22 18	0 1	5 15	1 32	22 51	7 53	23 24	23 24	7 21	14 22	0 28
F 10	3 58	23 43	1 56	1 58	3 30	1 32	1 20	17 11	1 5	22 49	0 34	19 18	0 13	22 18	0 1	5 15	1 32	22 51	7 53	23 24	23 24	7 24	14 21	0 29
S 11	3 35	24 0	0 48	2 28	3 23	1 2	1 19	16 58	1 5	22 49	0 34	19 16	0 13	22 18	0 1	5 16	1 32	22 51	7 53	23 24	23 25	7 26	14 20	0 29
S 12	3 11	22 56	0n21	2 59	3 14	0 31	1 18	16 45	1 6	22 49	0 34	19 15	0 13	22 18	0 1	5 17	1 32	22 52	7 53	23 24	23 25	7 29	14 19	0 30
M13	2 47	20 42	1 27	3 30	3 3	0 0	1 17	16 31	1 6	22 49	0 34	19 14	0 13	22 19	0 1	5 18	1 32	22 52	7 53	23 24	23 25	7 31	14 18	0 30
T 14	2 24	17 32	2 28	4 0	2 51	0n30	1 16	16 17	1 7	22 49	0 34	19 13	0 13	22 19	0 1	5 19	1 32	22 52	7 53	23 24	23 25	7 34	14 17	0 30
W15	2 0	13 39	3 20	4 28	2 39	1 1	1 15	16 3	1 7	22 49	0 34	19 12	0 13	22 19	0 1	5 19	1 32	22 53	7 53	23 24	23 25	7 37	14 16	0 31
T 16	1 36	9 15	4 3	4 56	2 25	1 32	1 14	15 49	1 8	22 49	0 34	19 10	0 13	22 19	0 1	5 20	1 32	22 53	7 53	23 24	23 25	7 39	14 14	0 31
F 17	1 12	4 34	4 34	5 22	2 11	2 2	1 13	15 35	1 8	22 49	0 34	19 9	0 13	22 19	0 1	5 21	1 32	22 53	7 53	23 25	23 25	7 42	14 13	0 32
S 18	0 49	0n15	4 53	5 45	1 56	2 33	1 11	15 20	1 9	22 49	0 34	19 8	0 13	22 19	0 1	5 22	1 32	22 53	7 53	23 25	23 25	7 44	14 12	0 32
S 19	0 25	5 2	4 59	6 7	1 41	3 3	1 10	15 5	1 9	22 50	0 34	19 7	0 14	22 20	0 1	5 23	1 32	22 54	7 53	23 25	23 25	7 47	14 11	0 32
M20	0 1	9 38	4 52	6 26	1 26	3 34	1 8	14 51	1 9	22 50	0 34	19 6	0 14	22 20	0 1	5 24	1 32	22 54	7 52	23 25	23 25	7 49	14 10	0 33
T 21	0n22	13 51	4 32	6 43	1 11	4 4	1 7	14 36	1 10	22 50	0 34	19 4	0 14	22 20	0 1	5 24	1 32	22 54	7 52	23 25	23 25	7 52	14 8	0 33
W22	0 46	17 33	4 1	6 57	0 57	4 35	1 5	14 21	1 10	22 50	0 34	19 3	0 14	22 20	0 1	5 25	1 32	22 54	7 52	23 25	23 25	7 55	14 7	0 34
T 23	1 10	20 33	3 18	7 9	0 42	5 5	1 4	14 5	1 11	22 50	0 34	19 2	0 14	22 20	0 1	5 26	1 32	22 55	7 52	23 25	23 25	7 57	14 6	0 34
F 24	1 34	22 41	2 27	7 18	0 28	5 35	1 2	13 50	1 11	22 50	0 34	19 1	0 14	22 21	0 1	5 27	1 32	22 55	7 52	23 25	23 25	8 0	14 4	0 34
S 25	1 57	23 47	1 27	7 25	0 14	6 5	1 0	13 35	1 11	22 50	0 34	19 0	0 14	22 21	0 1	5 28	1 32	22 55	7 52	23 25	23 25	8 2	14 3	0 35
S 26	2 21	23 43	0 23	7 29	0 1	6 35	0 58	13 19	1 12	22 50	0 34	18 59	0 14	22 21	0 1	5 29	1 31	22 55	7 52	23 25	23 25	8 5	14 1	0 35
M27	2 44	22 25	0s45	7 32	0s12	7 4	0 57	13 3	1 12	22 50	0 34	18 58	0 14	22 21	0 1	5 30	1 31	22 55	7 52	23 25	23 25	8 7	14 0	0 36
T 28	3 8	19 52	1 52	7 32	0 24	7 34	0 55	12 47	1 13	22 50	0 34	18 57	0 14	22 22	0 1	5 30	1 31	22 56	7 52	23 25	23 25	8 10	13 58	0 36
W29	3 31	16 9	2 55	7 29	0 36	8 3	0 53	12 31	1 13	22 50	0 34	18 56	0 14	22 22	0 1	5 31	1 31	22 56	7 52	23 25	23 25	8 12	13 57	0 36
T 30	3 54	11 25	3 50	7 25	0 47	8 33	0 51	12 15	1 13	22 50	0 34	18 55	0 15	22 22	0 1	5 32	1 31	22 56	7 52	23 25	23 25	8 15	13 55	0 37
F 31	4n18	5n53	4s31	7s19	0s58	9n 2	0s49	11s59	1s14	22s50	0n34	18s54	0s15	22n22	0n 1	5n33	1s31	22n56	7n51	23s25	23s25	8n17	13s54	0n37

Julian Day Number = 2523557.5, Delta T = 160.25 sec
Ecliptic obliquity = 23°24'50, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°29'44, Lahiri = 26°36'45

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2197
geocentric

APRIL 2197 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 39 49	11♈51'01	18♍47	14♓25	26♈33	2♓32	28♐33	6♒26	13♊15	17♈48	17°R50	29°R21	0♉ 5	9♈15	8°R57	S 1
S 2	12 43 45	12°50'17	4♎ 4	15°14	27°48	3°18	28°36	6°30	13°17	17°50	17♑49	29♐10	0° 2	9°22	8♏53	S 2
M 3	12 47 42	13°49'32	19°26	16° 7	29° 2	4° 5	28°38	6°35	13°19	17°52	17°48	28°59	29♐59	9°29	8°49	M 3
T 4	12 51 38	14°48'44	4♏41	17° 3	0♉16	4°51	28°40	6°39	13°21	17°54	17°47	28°50	29°55	9°35	8°45	T 4
W 5	12 55 35	15°47'54	19°38	18° 1	1°30	5°38	28°42	6°42	13°23	17°57	17°47	28°43	29°52	9°42	8°41	W 5
T 6	12 59 31	16°47'03	4♐11	19° 2	2°44	6°24	28°43	6°46	13°26	17°59	17°46	28°38	29°49	9°49	8°37	T 6
F 7	13 3 28	17°46'10	18°16	20° 6	3°58	7°10	28°45	6°50	13°28	18° 1	17°46	28°36	29°46	9°56	8°33	F 7
S 8	13 7 24	18°45'15	1♑51	21°13	5°12	7°57	28°46	6°54	13°30	18° 3	17°45	28°D36	29°43	10° 2	8°29	S 8
S 9	13 11 21	19°44'18	14°59	22°22	6°26	8°43	28°47	6°57	13°33	18° 6	17°44	28°R36	29°40	10° 9	8°25	S 9
M10	13 15 18	20°43'20	27°44	23°33	7°40	9°30	28°48	7° 1	13°35	18° 8	17°44	28°36	29°36	10°16	8°21	M10
T 11	13 19 14	21°42'19	10♒10	24°46	8°54	10°16	28°49	7° 4	13°37	18°10	17°43	28°34	29°33	10°22	8°16	T 11
W12	13 23 11	22°41'17	22°22	26° 1	10° 8	11° 2	28°50	7° 8	13°40	18°12	17°43	28°30	29°30	10°29	8°12	W12
T 13	13 27 7	23°40'14	4♓24	27°19	11°22	11°49	28°50	7°11	13°42	18°15	17°42	28°24	29°27	10°36	8° 8	T 13
F 14	13 31 4	24°39'08	16°20	28°38	12°36	12°35	28°R50	7°14	13°45	18°17	17°42	28°15	29°24	10°43	8° 3	F 14
S 15	13 35 0	25°38'00	28°13	29°59	13°50	13°22	28°50	7°17	13°48	18°19	17°42	28° 4	29°20	10°49	7°59	S 15
S 16	13 38 57	26°36'51	10♈ 4	1♈23	15° 4	14° 8	28°50	7°20	13°50	18°22	17°41	27°52	29°17	10°56	7°54	S 16
M17	13 42 53	27°35'40	21°56	2°48	16°18	14°54	28°50	7°23	13°53	18°24	17°41	27°40	29°14	11° 3	7°50	M17
T 18	13 46 50	28°34'27	3♉50	4°15	17°31	15°41	28°49	7°26	13°55	18°26	17°41	27°29	29°11	11° 9	7°45	T 18
W19	13 50 46	29°33'12	15°49	5°44	18°45	16°27	28°48	7°29	13°58	18°28	17°40	27°20	29° 8	11°16	7°41	W19
T 20	13 54 43	0♉31'55	27°52	7°14	19°59	17°14	28°47	7°32	14° 1	18°30	17°40	27°14	29° 5	11°23	7°36	T 20
F 21	13 58 40	1°30'36	10♊ 3	8°46	21°12	18° 0	28°46	7°34	14° 4	18°33	17°40	27°10	29° 1	11°30	7°31	F 21
S 22	14 2 36	2°29'14	22°23	10°20	22°26	18°46	28°45	7°37	14° 7	18°35	17°40	27°D 8	28°58	11°36	7°27	S 22
S 23	14 6 33	3°27'51	4♋57	11°55	23°40	19°32	28°43	7°39	14° 9	18°37	17°39	27° 8	28°55	11°43	7°22	S 23
M24	14 10 29	4°26'26	17°46	13°33	24°53	20°19	28°42	7°41	14°12	18°39	17°39	27° 9	28°52	11°50	7°17	M24
T 25	14 14 26	5°24'58	0♌56	15°12	26° 7	21° 5	28°40	7°43	14°15	18°42	17°39	27°R10	28°49	11°57	7°13	T 25
W26	14 18 22	6°23'28	14°28	16°52	27°20	21°51	28°38	7°46	14°18	18°44	17°39	27°10	28°46	12° 3	7° 8	W26
T 27	14 22 19	7°21'56	28°25	18°35	28°34	22°38	28°35	7°48	14°21	18°46	17°39	27° 8	28°42	12°10	7° 3	T 27
F 28	14 26 15	8°20'22	12♍48	20°19	29°47	23°24	28°33	7°49	14°24	18°48	17°39	27° 4	28°39	12°17	6°59	F 28
S 29	14 30 12	9°18'46	27°32	22° 4	1♊ 1	24°10	28°30	7°51	14°27	18°50	17°D39	26°58	28°36	12°23	6°54	S 29
S 30	14 34 9	10♉17'07	12♎34	23♈52	2♊14	24♓56	28♐27	7♒53	14♊30	18♈52	17♑39	26♐52	28♐33	12♈30	6♏49	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n41	0s 7	4s56	7s11	1s 8	9n30	0s47	11s43	1s14	22s50	0n34	18s53	0s15	22n23	0n 1	5n34	1s31	22n56	7n51	23s25	23s25	8n20	13s52	0n38
S 2	5 4	6 12	5 0	7 0	1 18	9 59	0 45	11 26	1 14	22 50	0 34	18 52	0 15	22 23	0 1	5 35	1 31	22 56	7 51	23 25	23 25	8 22	13 51	0 38
M 3	5 27	11 57	4 42	6 48	1 27	10 27	0 43	11 10	1 15	22 50	0 34	18 51	0 15	22 23	0 1	5 36	1 31	22 56	7 51	23 25	23 25	8 25	13 49	0 38
T 4	5 50	16 54	4 5	6 35	1 35	10 55	0 40	10 53	1 15	22 50	0 34	18 50	0 15	22 23	0 1	5 36	1 31	22 57	7 51	23 25	23 25	8 27	13 47	0 39
W 5	6 13	20 41	3 11	6 19	1 43	11 23	0 38	10 36	1 15	22 50	0 34	18 49	0 15	22 24	0 1	5 37	1 31	22 57	7 51	23 24	23 25	8 30	13 46	0 39
T 6	6 35	23 1	2 6	6 2	1 51	11 51	0 36	10 20	1 16	22 50	0 34	18 48	0 15	22 24	0 1	5 38	1 31	22 57	7 51	23 24	23 25	8 32	13 44	0 40
F 7	6 58	23 48	0 55	5 43	1 58	12 18	0 34	10 3	1 16	22 50	0 34	18 48	0 15	22 24	0 1	5 39	1 31	22 57	7 51	23 24	23 25	8 35	13 42	0 40
S 8	7 20	23 7	0n17	5 23	2 4	12 45	0 31	9 46	1 16	22 50	0 34	18 47	0 15	22 25	0 1	5 40	1 31	22 57	7 51	23 24	23 25	8 38	13 41	0 40
S 9	7 43	21 9	1 26	5 1	2 10	13 12	0 29	9 29	1 17	22 50	0 34	18 46	0 16	22 25	0 1	5 41	1 31	22 57	7 50	23 24	23 25	8 40	13 39	0 41
M10	8 5	18 10	2 28	4 38	2 15	13 38	0 27	9 11	1 17	22 50	0 34	18 45	0 16	22 25	0 1	5 42	1 31	22 57	7 50	23 24	23 25	8 43	13 37	0 41
T 11	8 27	14 26	3 22	4 13	2 20	14 4	0 24	8 54	1 17	22 50	0 34	18 44	0 16	22 25	0 1	5 42	1 32	22 57	7 50	23 24	23 25	8 45	13 35	0 42
W12	8 49	10 10	4 5	3 47	2 24	14 30	0 22	8 37	1 17	22 50	0 34	18 44	0 16	22 26	0 1	5 43	1 32	22 57	7 50	23 24	23 25	8 47	13 34	0 42
T 13	9 11	5 35	4 37	3 19	2 27	14 55	0 19	8 19	1 18	22 50	0 34	18 43	0 16	22 26	0 1	5 44	1 32	22 57	7 50	23 24	23 25	8 50	13 32	0 42
F 14	9 32	0 50	4 56	2 51	2 31	15 20	0 17	8 2	1 18	22 50	0 34	18 42	0 16	22 26	0 1	5 45	1 32	22 57	7 50	23 24	23 25	8 52	13 30	0 43
S 15	9 54	3n55	5 3	2 21	2 33	15 45	0 14	7 44	1 18	22 50	0 34	18 41	0 16	22 27	0 1	5 46	1 32	22 57	7 50	23 24	23 25	8 55	13 28	0 43
S 16	10 15	8 31	4 56	1 49	2 35	16 9	0 12	7 27	1 18	22 50	0 34	18 41	0 16	22 27	0 1	5 47	1 32	22 57	7 50	23 24	23 25	8 57	13 26	0 44
M17	10 36	12 49	4 37	1 17	2 37	16 33	0 9	7 9	1 19	22 50	0 34	18 40	0 16	22 27	0 1	5 48	1 32	22 57	7 49	23 24	23 25	9 0	13 25	0 44
T 18	10 57	16 37	4 5	0 43	2 38	16 56	0 7	6 51	1 19	22 50	0 34	18 39	0 16	22 28	0 1	5 48	1 32	22 57	7 49	23 23	23 25	9 2	13 23	0 44
W19	11 18	19 47	3 22	0 9	2 38	17 19	0 4	6 33	1 19	22 50	0 34	18 39	0 17	22 28	0 1	5 49	1 32	22 57	7 49	23 23	23 25	9 5	13 21	0 45
T 20	11 39	22 6	2 30	0n27	2 38	17 42	0 1	6 16	1 19	22 50	0 34	18 38	0 17	22 28	0 1	5 50	1 32	22 57	7 49	23 23	23 25	9 7	13 19	0 45
F 21	11 59	23 25	1 30	1 4	2 37	18 4	0n 1	5 58	1 20	22 50	0 34	18 38	0 17	22 29	0 1	5 51	1 32	22 57	7 49	23 23	23 25	9 10	13 17	0 46
S 22	12 19	23 37	0 25	1 42	2 36	18 25	0 4	5 40	1 20	22 50	0 34	18 37	0 17	22 29	0 1	5 52	1 32	22 57	7 49	23 23	23 25	9 12	13 15	0 46
S 23	12 39	22 37	0s42	2 20	2 34	18 46	0 6	5 22	1 20	22 50	0 34	18 37	0 17	22 29	0 1	5 53	1 32	22 57	7 49	23 23	23 25	9 15	13 14	0 46
M24	12 59	20 26	1 49	3 0	2 32	19 7	0 9	5 4	1 20	22 50	0 34	18 36	0 17	22 30	0 1	5 53	1 32	22 57	7 48	23 23	23 25	9 17	13 12	0 47
T 25	13 19	17 8	2 51	3 41	2 29	19 27	0 12	4 46	1 20	22 50	0 34	18 36	0 17	22 30	0 1	5 54	1 32	22 57	7 48	23 23	23 24	9 20	13 10	0 47
W26	13 38	12 51	3 47	4 22	2 26	19 47	0 14	4 28	1 21	22 50	0 34	18 35	0 17	22 30	0 1	5 55	1 32	22 56	7 48	23 23	23 24	9 22	13 8	0 47
T 27	13 57	7 47	4 30	5 4	2 22	20 6	0 17	4 9	1 21	22 50	0 34	18 35	0 17	22 31	0 1	5 56	1 32	22 56	7 48	23 23	23 24	9 25	13 6	0 48
F 28	14 16	2 9	4 58	5 48	2 18	20 24	0 20	3 51	1 21	22 50	0 34	18 35	0 18	22 31	0 1	5 57	1 32	22 56	7 48	23 23	23 24	9 27	13 4	0 48
S 29	14 35	3s44	5 8	6 31	2 13	20 42	0 22	3 33	1 21	22 50	0 34	18 34	0 18	22 32	0 1	5 57	1 32	22 56	7 48	23 23	23 24	9 29	13 2	0 49
S 30	14n53	9s30	4s56	7n16	2s 8	21n 0	0n25	3s15	1s21	22s50	0n34	18s34	0s18	22n32	0n 1	5n58	1s32	22n56	7n48	23s23	23s24	9n32	13s 1	0n49

Julian Day Number = 2523588.5, Delta T = 160.33 sec
Ecliptic obliquity = 23°24'50, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°29'48, Lahiri = 26°36'49

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2197
geocentric

MAY 2197 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 38 5	11♉15'27	27♎43	25♈41	3♊27	25♓42	28°R25	7♒55	14♊33	18♈55	17♌39	26°R45	28♐30	12♈37	6°R45	M 1
T 2	14 42 2	12°13'45	12♏51	27°32	4°40	26°29	28♐21	7°56	14°36	18°57	17°39	26♐39	28°26	12°44	6♏40	T 2
W 3	14 45 58	13°12'01	27°47	29°24	5°54	27°15	28°18	7°58	14°39	18°59	17°39	26°34	28°23	12°50	6°36	W 3
T 4	14 49 55	14°10'15	12♐22	1♉19	7° 7	28° 1	28°15	7°59	14°43	19° 1	17°39	26°31	28°20	12°57	6°31	T 4
F 5	14 53 51	15° 8'28	26°33	3°15	8°20	28°47	28°11	8° 0	14°46	19° 3	17°39	26°D31	28°17	13° 4	6°26	F 5
S 6	14 57 48	16° 6'39	10♊15	5°13	9°33	29°33	28° 7	8° 1	14°49	19° 5	17°40	26°31	28°14	13°10	6°22	S 6
S 7	15 1 44	17° 4'49	23°31	7°12	10°46	0♈19	28° 3	8° 2	14°52	19° 7	17°40	26°33	28°11	13°17	6°17	S 7
M 8	15 5 41	18° 2'57	6♒22	9°13	11°59	1° 5	27°59	8° 3	14°55	19° 9	17°40	26°34	28° 7	13°24	6°13	M 8
T 9	15 9 38	19° 1'04	18°52	11°16	13°12	1°51	27°55	8° 4	14°59	19°11	17°40	26°R35	28° 4	13°31	6° 8	T 9
W10	15 13 34	19°59'10	1♓ 6	13°20	14°25	2°37	27°50	8° 5	15° 2	19°13	17°41	26°34	28° 1	13°37	6° 4	W10
T 11	15 17 31	20°57'14	13° 8	15°26	15°38	3°23	27°46	8° 6	15° 5	19°15	17°41	26°32	27°58	13°44	6° 0	T 11
F 12	15 21 27	21°55'17	25° 3	17°33	16°51	4° 9	27°41	8° 6	15° 9	19°17	17°41	26°28	27°55	13°51	5°55	F 12
S 13	15 25 24	22°53'18	6♈54	19°41	18° 4	4°55	27°36	8° 7	15°12	19°19	17°42	26°23	27°51	13°57	5°51	S 13
S 14	15 29 20	23°51'18	18°46	21°50	19°17	5°41	27°31	8° 7	15°15	19°21	17°42	26°17	27°48	14° 4	5°47	S 14
M15	15 33 17	24°49'17	0♉40	24° 0	20°30	6°27	27°25	8° 7	15°19	19°23	17°42	26°11	27°45	14°11	5°42	M15
T 16	15 37 13	25°47'14	12°39	26°11	21°43	7°13	27°20	8° 8	15°22	19°25	17°43	26° 6	27°42	14°18	5°38	T 16
W17	15 41 10	26°45'09	24°46	28°22	22°55	7°58	27°15	8°R 8	15°25	19°27	17°43	26° 2	27°39	14°24	5°34	W17
T 18	15 45 7	27°43'04	7♊ 1	0♊33	24° 8	8°44	27° 9	8° 8	15°29	19°29	17°44	25°59	27°36	14°31	5°30	T 18
F 19	15 49 3	28°40'57	19°25	2°44	25°21	9°30	27° 3	8° 8	15°32	19°31	17°44	25°58	27°32	14°38	5°26	F 19
S 20	15 53 0	29°38'48	2♋ 1	4°54	26°33	10°16	26°57	8° 7	15°36	19°33	17°45	25°D58	27°29	14°44	5°22	S 20
S 21	15 56 56	0♊36'38	14°49	7° 4	27°46	11° 1	26°51	8° 7	15°39	19°34	17°45	25°59	27°26	14°51	5°18	S 21
M22	16 0 53	1°34'26	27°52	9°13	28°58	11°47	26°45	8° 7	15°42	19°36	17°46	26° 0	27°23	14°58	5°14	M22
T 23	16 4 49	2°32'12	11♌10	11°21	0♋11	12°32	26°39	8° 6	15°46	19°38	17°47	26° 2	27°20	15° 5	5°11	T 23
W24	16 8 46	3°29'57	24°45	13°27	1°23	13°18	26°32	8° 5	15°49	19°40	17°47	26° 3	27°17	15°11	5° 7	W24
T 25	16 12 42	4°27'40	8♍39	15°31	2°36	14° 3	26°26	8° 5	15°53	19°41	17°48	26°R 3	27°13	15°18	5° 3	T 25
F 26	16 16 39	5°25'21	22°50	17°33	3°48	14°49	26°19	8° 4	15°56	19°43	17°49	26° 2	27°10	15°25	5° 0	F 26
S 27	16 20 36	6°23'01	7♎17	19°33	5° 0	15°34	26°13	8° 3	16° 0	19°45	17°50	26° 0	27° 7	15°32	4°56	S 27
S 28	16 24 32	7°20'40	21°56	21°31	6°13	16°20	26° 6	8° 2	16° 3	19°47	17°50	25°58	27° 4	15°38	4°53	S 28
M29	16 28 29	8°18'17	6♏42	23°26	7°25	17° 5	25°59	8° 1	16° 7	19°48	17°51	25°56	27° 1	15°45	4°49	M29
T 30	16 32 25	9°15'52	21°28	25°19	8°37	17°50	25°52	8° 0	16°10	19°50	17°52	25°54	26°57	15°52	4°46	T 30
W31	16 36 22	10♊13'27	6♐ 6	27♊ 9	9♋49	18♈35	25♐45	7♒59	16♊14	19♈52	17♌53	25♐53	26♐54	15♈58	4♏43	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	15n11	14s46	4s24	8n 1	2s 2	21n17	0n28	2s57	1s21	22s50	0n34	18s33	0s18	22n32	0n 1	5n59	1s32	22n56	7n47	23s22	23s24	9n34	12s59	0n49
T 2	15 29	19 4	3 34	8 47	1 56	21 33	0 30	2 39	1 21	22 50	0 34	18 33	0 18	22 33	0 1	6 0	1 32	22 56	7 47	23 22	23 24	9 37	12 57	0 50
W 3	15 47	22 4	2 29	9 33	1 49	21 48	0 33	2 20	1 21	22 50	0 34	18 33	0 18	22 33	0 1	6 1	1 32	22 55	7 47	23 22	23 24	9 39	12 55	0 50
T 4	16 4	23 30	1 16	10 19	1 42	22 4	0 36	2 2	1 21	22 50	0 34	18 33	0 18	22 33	0 1	6 1	1 32	22 55	7 47	23 22	23 24	9 42	12 53	0 50
F 5	16 22	23 22	0n 0	11 6	1 34	22 18	0 38	1 44	1 22	22 50	0 34	18 32	0 18	22 34	0 1	6 2	1 32	22 55	7 47	23 22	23 24	9 44	12 51	0 51
S 6	16 38	21 47	1 14	11 53	1 26	22 32	0 41	1 26	1 22	22 50	0 34	18 32	0 18	22 34	0 1	6 3	1 32	22 55	7 47	23 22	23 24	9 46	12 49	0 51
S 7	16 55	19 3	2 21	12 40	1 18	22 45	0 43	1 7	1 22	22 50	0 34	18 32	0 19	22 34	0 1	6 4	1 32	22 55	7 47	23 22	23 24	9 49	12 48	0 51
M 8	17 11	15 26	3 19	13 28	1 9	22 58	0 46	0 49	1 22	22 50	0 34	18 32	0 19	22 35	0 1	6 4	1 32	22 55	7 46	23 22	23 24	9 51	12 46	0 52
T 9	17 27	11 15	4 6	14 15	1 0	23 10	0 48	0 31	1 22	22 50	0 34	18 32	0 19	22 35	0 1	6 5	1 32	22 54	7 46	23 22	23 24	9 54	12 44	0 52
W10	17 43	6 41	4 41	15 2	0 50	23 21	0 51	0 13	1 22	22 50	0 34	18 32	0 19	22 36	0 1	6 6	1 32	22 54	7 46	23 22	23 24	9 56	12 42	0 52
T 11	17 59	1 57	5 3	15 48	0 40	23 32	0 53	0n 6	1 22	22 50	0 33	18 32	0 19	22 36	0 1	6 7	1 32	22 54	7 46	23 22	23 24	9 58	12 41	0 53
F 12	18 14	2n48	5 11	16 34	0 30	23 41	0 56	0 24	1 22	22 50	0 33	18 32	0 19	22 36	0 1	6 7	1 32	22 54	7 46	23 22	23 24	10 1	12 39	0 53
S 13	18 28	7 25	5 6	17 19	0 20	23 51	0 58	0 42	1 22	22 50	0 33	18 32	0 19	22 37	0 1	6 8	1 32	22 53	7 46	23 22	23 24	10 3	12 37	0 53
S 14	18 43	11 46	4 48	18 3	0 9	23 59	1 1	1 0	1 22	22 50	0 33	18 32	0 19	22 37	0 1	6 9	1 32	22 53	7 46	23 22	23 24	10 6	12 35	0 54
M15	18 57	15 42	4 17	18 46	0n 1	24 7	1 3	1 18	1 22	22 50	0 33	18 32	0 19	22 37	0 1	6 9	1 32	22 53	7 45	23 22	23 24	10 8	12 34	0 54
T 16	19 11	19 2	3 35	19 28	0 12	24 15	1 5	1 36	1 22	22 50	0 33	18 32	0 20	22 38	0 1	6 10	1 32	22 53	7 45	23 21	23 24	10 10	12 32	0 54
W17	19 25	21 34	2 42	20 8	0 22	24 21	1 8	1 54	1 22	22 50	0 33	18 32	0 20	22 38	0 1	6 11	1 32	22 52	7 45	23 21	23 24	10 13	12 30	0 55
T 18	19 38	23 8	1 42	20 47	0 33	24 27	1 10	2 12	1 22	22 50	0 33	18 32	0 20	22 39	0 1	6 11	1 32	22 52	7 45	23 21	23 23	10 15	12 29	0 55
F 19	19 51	23 35	0 36	21 23	0 43	24 32	1 12	2 30	1 22	22 50	0 33	18 32	0 20	22 39	0 1	6 12	1 32	22 52	7 45	23 21	23 23	10 18	12 27	0 55
S 20	20 3	22 51	0s33	21 57	0 53	24 37	1 14	2 48	1 22	22 50	0 33	18 32	0 20	22 39	0 1	6 13	1 32	22 51	7 45	23 21	23 23	10 20	12 25	0 56
S 21	20 15	20 54	1 42	22 29	1 2	24 40	1 17	3 6	1 22	22 50	0 33	18 32	0 20	22 40	0 1	6 13	1 32	22 51	7 45	23 21	23 23	10 22	12 24	0 56
M22	20 27	17 51	2 46	22 59	1 11	24 43	1 19	3 24	1 22	22 50	0 33	18 33	0 20	22 40	0 1	6 14	1 32	22 51	7 44	23 21	23 23	10 25	12 22	0 56
T 23	20 39	13 49	3 43	23 26	1 20	24 46	1 21	3 42	1 22	22 49	0 33	18 33	0 20	22 40	0 1	6 15	1 32	22 50	7 44	23 21	23 23	10 27	12 21	0 57
W24	20 50	9 1	4 29	23 51	1 28	24 47	1 23	4 0	1 21	22 49	0 33	18 33	0 20	22 41	0 1	6 15	1 33	22 50	7 44	23 21	23 23	10 29	12 19	0 57
T 25	21 1	3 40	5 1	24 12	1 35	24 48	1 25	4 17	1 21	22 49	0 33	18 33	0 21	22 41	0 1	6 16	1 33	22 50	7 44	23 21	23 23	10 32	12 18	0 57
F 26	21 11	1s59	5 14	24 32	1 42	24 48	1 27	4 35	1 21	22 49	0 33	18 34	0 21	22 42	0 1	6 17	1 33	22 49	7 44	23 21	23 23	10 34	12 16	0 58
S 27	21 21	7 37	5 9	24 48	1 48	24 48	1 29	4 52	1 21	22 49	0 32	18 34	0 21	22 42	0 1	6 17	1 33	22 49	7 44	23 21	23 23	10 36	12 15	0 58
S 28	21 31	12 55	4 43	25 2	1 54	24 46	1 30	5 10	1 21	22 49	0 32	18 34	0 21	22 42	0 1	6 18	1 33	22 49	7 44	23 21	23 23	10 39	12 13	0 58
M29	21 40	17 30	3 59	25 13	1 58	24 44	1 32	5 27	1 21	22 49	0 32	18 35	0 21	22 43	0 1	6 18	1 33	22 48	7 43	23 21	23 23	10 41	12 12	0 58
T 30	21 49	20 59	2 59	25 22	2 2	24 42	1 34	5 45	1 21	22 49	0 32	18 35	0 21	22 43	0 1	6 19	1 33	22 48	7 43	23 21	23 23	10 44	12 11	0 59
W31	21n57	23s 4	1s47	25n28	2n 5	24n38	1n36	6n 2	1s21	22s49	0n32	18s36	0s21	22n43	0n 1	6n19	1s33	22n47	7n43	23s21	23s23	10n46	12s 9	0n59

Julian Day Number = 2523618.5, Delta T = 160.41 sec
Ecliptic obliquity = 23°24'49, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°29'53, Lahiri = 26°36'53

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2197
geocentric

JUNE 2197 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 40 18	11♊11'00	20♐29	28♊57	11♋ 1	19♈21	25°R38	7°R57	16♊17	19♈53	17♘54	25°D52	26♐51	16♈ 5	4°R40	T 1
F 2	16 44 15	12° 8'32	4♑34	0♋41	12°13	20° 6	25♐31	7♒56	16°21	19°55	17°54	25♐52	26°48	16°12	4♏37	F 2
S 3	16 48 11	13° 6'04	18°15	2°23	13°25	20°51	25°23	7°54	16°25	19°56	17°55	25°53	26°45	16°19	4°34	S 3
S 4	16 52 8	14° 3'34	1♒33	4° 2	14°37	21°36	25°16	7°53	16°28	19°58	17°56	25°54	26°42	16°25	4°31	S 4
M 5	16 56 5	15° 1'03	14°28	5°38	15°49	22°21	25° 9	7°51	16°32	19°59	17°57	25°55	26°38	16°32	4°28	M 5
T 6	17 0 1	15°58'32	27° 2	7°11	17° 1	23° 6	25° 1	7°49	16°35	20° 1	17°58	25°55	26°35	16°39	4°26	T 6
W 7	17 3 58	16°56'00	9♓19	8°42	18°12	23°51	24°54	7°47	16°39	20° 2	17°59	25°56	26°32	16°45	4°23	W 7
T 8	17 7 54	17°53'27	21°24	10° 9	19°24	24°36	24°46	7°45	16°42	20° 4	18° 0	25°R56	26°29	16°52	4°21	T 8
F 9	17 11 51	18°50'53	3♈20	11°33	20°36	25°21	24°39	7°43	16°46	20° 5	18° 1	25°56	26°26	16°59	4°18	F 9
S 10	17 15 47	19°48'19	15°12	12°54	21°47	26° 5	24°31	7°41	16°49	20° 6	18° 2	25°55	26°23	17° 6	4°16	S 10
S 11	17 19 44	20°45'45	27° 5	14°13	22°59	26°50	24°23	7°39	16°53	20° 8	18° 3	25°55	26°19	17°12	4°14	S 11
M12	17 23 40	21°43'09	9♉ 2	15°28	24°10	27°35	24°16	7°36	16°56	20° 9	18° 5	25°54	26°16	17°19	4°12	M12
T 13	17 27 37	22°40'33	21° 7	16°39	25°22	28°19	24° 8	7°34	17° 0	20°10	18° 6	25°54	26°13	17°26	4° 9	T 13
W14	17 31 34	23°37'57	3♊23	17°48	26°33	29° 4	24° 0	7°32	17° 3	20°11	18° 7	25°53	26°10	17°32	4° 8	W14
T 15	17 35 30	24°35'20	15°50	18°53	27°45	29°48	23°53	7°29	17° 7	20°13	18° 8	25°53	26° 7	17°39	4° 6	T 15
F 16	17 39 27	25°32'42	28°32	19°55	28°56	0♉33	23°45	7°26	17°10	20°14	18° 9	25°53	26° 3	17°46	4° 4	F 16
S 17	17 43 23	26°30'03	11♋28	20°54	0♌ 7	1°17	23°37	7°24	17°14	20°15	18°11	25°53	26° 0	17°53	4° 2	S 17
S 18	17 47 20	27°27'24	24°38	21°49	1°18	2° 1	23°30	7°21	17°17	20°16	18°12	25°53	25°57	17°59	4° 1	S 18
M19	17 51 16	28°24'44	8♌ 3	22°40	2°30	2°46	23°22	7°18	17°21	20°17	18°13	25°53	25°54	18° 6	4° 0	M19
T 20	17 55 13	29°22'03	21°40	23°28	3°41	3°30	23°15	7°15	17°24	20°18	18°14	25°52	25°51	18°13	3°58	T 20
W21	17 59 10	0♋19'22	5♍29	24°12	4°52	4°14	23° 7	7°12	17°28	20°19	18°16	25°52	25°48	18°19	3°57	W21
T 22	18 3 6	1°16'39	19°29	24°52	6° 3	4°58	22°59	7° 9	17°31	20°20	18°17	25°52	25°44	18°26	3°56	T 22
F 23	18 7 3	2°13'56	3♎38	25°28	7°13	5°42	22°52	7° 6	17°35	20°21	18°18	25°D52	25°41	18°33	3°55	F 23
S 24	18 10 59	3°11'12	17°54	26° 0	8°24	6°26	22°45	7° 2	17°38	20°22	18°20	25°52	25°38	18°40	3°54	S 24
S 25	18 14 56	4° 8'27	2♏14	26°27	9°35	7°10	22°37	6°59	17°42	20°23	18°21	25°52	25°35	18°46	3°53	S 25
M26	18 18 52	5° 5'41	16°35	26°50	10°46	7°54	22°30	6°56	17°45	20°24	18°22	25°53	25°32	18°53	3°53	M26
T 27	18 22 49	6° 2'55	0♐53	27° 9	11°56	8°37	22°22	6°52	17°49	20°25	18°24	25°54	25°29	19° 0	3°52	T 27
W28	18 26 45	7° 0'09	15° 4	27°23	13° 7	9°21	22°15	6°49	17°52	20°26	18°25	25°54	25°25	19° 6	3°52	W28
T 29	18 30 42	7°57'22	29° 5	27°33	14°17	10° 4	22° 8	6°45	17°55	20°27	18°27	25°R55	25°22	19°13	3°51	T 29
F 30	18 34 39	8♋54'35	12♑52	27♋38	15♌27	10♉48	22♐ 1	6♒42	17♊59	20♈28	18♘28	25♐54	25♐19	19♈20	3♏51	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	22n 6	23s34	0s30	25n32	2n 8	24n34	1n37	6n19	1s20	22s48	0n32	18s36	0s21	22n44	0n 1	6n20	1s33	22n47	7n43	23s21	23s23	10n48	12s 8	0n59	T 1
F 2	22 13	22 32	0n48	25 34	2 9	24 29	1 39	6 37	1 20	22 48	0 32	18 37	0 21	22 44	0 1	6 21	1 33	22 47	7 43	23 21	23 22	10 51	12 7	1 0	F 2
S 3	22 21	20 11	2 1	25 33	2 10	24 24	1 40	6 54	1 20	22 48	0 32	18 37	0 22	22 45	0 1	6 21	1 33	22 46	7 43	23 21	23 22	10 53	12 5	1 0	S 3
S 4	22 28	16 47	3 5	25 31	2 10	24 18	1 41	7 11	1 20	22 48	0 32	18 38	0 22	22 45	0 1	6 22	1 33	22 46	7 43	23 21	23 22	10 55	12 4	1 0	S 4
M 5	22 34	12 41	3 58	25 27	2 9	24 11	1 43	7 28	1 20	22 48	0 32	18 38	0 22	22 45	0 1	6 22	1 33	22 45	7 43	23 21	23 22	10 57	12 3	1 0	M 5
T 6	22 41	8 8	4 37	25 20	2 7	24 3	1 44	7 44	1 19	22 48	0 32	18 39	0 22	22 46	0 1	6 23	1 33	22 45	7 43	23 21	23 22	11 0	12 2	1 1	T 6
W 7	22 46	3 22	5 4	25 12	2 5	23 55	1 45	8 1	1 19	22 48	0 31	18 39	0 22	22 46	0 1	6 23	1 33	22 45	7 42	23 21	23 22	11 2	12 1	1 1	W 7
T 8	22 52	1n26	5 16	25 3	2 2	23 46	1 46	8 18	1 19	22 47	0 31	18 40	0 22	22 46	0 1	6 24	1 33	22 44	7 42	23 21	23 22	11 4	12 0	1 1	T 8
F 9	22 57	6 8	5 14	24 52	1 58	23 36	1 47	8 34	1 19	22 47	0 31	18 41	0 22	22 47	0 1	6 24	1 33	22 44	7 42	23 21	23 22	11 7	11 59	1 1	F 9
S 10	23 1	10 35	4 59	24 40	1 53	23 26	1 48	8 51	1 18	22 47	0 31	18 41	0 22	22 47	0 1	6 25	1 33	22 43	7 42	23 21	23 22	11 9	11 58	1 2	S 10
S 11	23 6	14 38	4 31	24 26	1 48	23 15	1 49	9 7	1 18	22 47	0 31	18 42	0 22	22 47	0 1	6 25	1 33	22 43	7 42	23 21	23 22	11 11	11 57	1 2	S 11
M12	23 9	18 9	3 51	24 12	1 41	23 4	1 50	9 23	1 18	22 47	0 31	18 43	0 23	22 48	0 1	6 25	1 33	22 42	7 42	23 21	23 22	11 14	11 56	1 2	M12
T 13	23 13	20 56	3 1	23 56	1 34	22 52	1 51	9 39	1 18	22 46	0 31	18 43	0 23	22 48	0 1	6 26	1 33	22 42	7 42	23 21	23 22	11 16	11 55	1 2	T 13
W14	23 16	22 48	2 2	23 40	1 27	22 39	1 52	9 55	1 17	22 46	0 31	18 44	0 23	22 48	0 1	6 26	1 33	22 41	7 42	23 21	23 21	11 18	11 54	1 3	W14
T 15	23 18	23 35	0 55	23 22	1 18	22 25	1 52	10 11	1 17	22 46	0 30	18 45	0 23	22 49	0 1	6 27	1 34	22 41	7 42	23 21	23 21	11 21	11 53	1 3	T 15
F 16	23 20	23 10	0s15	23 5	1 9	22 11	1 53	10 27	1 17	22 46	0 30	18 46	0 23	22 49	0 1	6 27	1 34	22 41	7 41	23 21	23 21	11 23	11 52	1 3	F 16
S 17	23 22	21 30	1 25	22 46	0 59	21 57	1 53	10 43	1 16	22 45	0 30	18 47	0 23	22 49	0 1	6 28	1 34	22 40	7 41	23 21	23 21	11 25	11 51	1 3	S 17
S 18	23 23	18 40	2 33	22 27	0 49	21 42	1 54	10 58	1 16	22 45	0 30	18 47	0 23	22 50	0 1	6 28	1 34	22 40	7 41	23 21	23 21	11 27	11 51	1 4	S 18
M19	23 24	14 48	3 33	22 8	0 38	21 26	1 54	11 14	1 16	22 45	0 30	18 48	0 23	22 50	0 1	6 28	1 34	22 39	7 41	23 21	23 21	11 30	11 50	1 4	M19
T 20	23 25	10 8	4 22	21 48	0 26	21 9	1 54	11 29	1 15	22 45	0 30	18 49	0 23	22 51	0 1	6 29	1 34	22 39	7 41	23 21	23 21	11 32	11 49	1 4	T 20
W21	23 25	4 53	4 57	21 28	0 14	20 52	1 54	11 44	1 15	22 44	0 30	18 50	0 24	22 51	0 1	6 29	1 34	22 38	7 41	23 21	23 21	11 34	11 49	1 4	W21
T 22	23 24	0s40	5 15	21 9	0 1	20 35	1 54	12 0	1 15	22 44	0 30	18 51	0 24	22 51	0 1	6 29	1 34	22 38	7 41	23 21	23 21	11 36	11 48	1 5	T 22
F 23	23 24	6 15	5 14	20 49	0s13	20 17	1 54	12 14	1 14	22 44	0 29	18 52	0 24	22 52	0 1	6 30	1 34	22 37	7 41	23 21	23 21	11 39	11 47	1 5	F 23
S 24	23 22	11 32	4 54	20 29	0 27	19 58	1 54	12 29	1 14	22 44	0 29	18 53	0 24	22 52	0 1	6 30	1 34	22 37	7 41	23 21	23 20	11 41	11 47	1 5	S 24
S 25	23 21	16 14	4 15	20 10	0 41	19 39	1 54	12 44	1 13	22 43	0 29	18 54	0 24	22 52	0 1	6 30	1 34	22 36	7 41	23 21	23 20	11 43	11 47	1 5	S 25
M26	23 19	19 59	3 21	19 51	0 56	19 20	1 53	12 58	1 13	22 43	0 29	18 55	0 24	22 52	0 1	6 31	1 34	22 36	7 41	23 21	23 20	11 45	11 46	1 6	M26
T 27	23 17	22 30	2 14	19 32	1 12	19 0	1 53	13 13	1 13	22 43	0 29	18 56	0 24	22 53	0 2	6 31	1 34	22 35	7 41	23 21	23 20	11 48	11 46	1 6	T 27
W28	23 14	23 34	1 0	19 14	1 27	18 39	1 52	13 27	1 12	22 43	0 29	18 57	0 24	22 53	0 2	6 31	1 34	22 34	7 40	23 21	23 20	11 50	11 45	1 6	W28
T 29	23 10	23 7	0n18	18 57	1 43	18 18	1 52	13 41	1 12	22 42	0 28	18 58	0 24	22 53	0 2	6 31	1 34	22 34	7 40	23 21	23 20	11 52	11 45	1 6	T 29
F 30	23n 7	21s16	1n32	18n40	1s59	17n57	1n51	13n55	1s11	22s42	0n28	18s59	0s25	22n54	0n 2	6n32	1s34	22n33	7n40	23s21	23s20	11n54	11s45	1n 6	F 30

Julian Day Number = 2523649.5, Delta T = 160.49 sec
Ecliptic obliquity = 23°24'48, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°29'57, Lahiri = 26°36'57

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2197
geocentric

JULY 2197 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 38 35	9♋51'47	26♉21	27°R39	16♌38	11♉31	21°R54	6°R38	18♊ 2	20♈28	18♌30	25°R53	25♐16	19♈27	3°R51	S 1
S 2	18 42 32	10°48'59	9♒32	27♋35	17°48	12°15	21♐47	6♒34	18° 5	20°29	18°31	25♐51	25°13	19°33	3°D51	S 2
M 3	18 46 28	11°46'12	22°24	27°26	18°58	12°58	21°40	6°31	18° 9	20°30	18°33	25°49	25° 9	19°40	3♏51	M 3
T 4	18 50 25	12°43'24	4♓58	27°13	20° 8	13°41	21°34	6°27	18°12	20°30	18°34	25°47	25° 6	19°47	3°51	T 4
W 5	18 54 21	13°40'36	17°16	26°56	21°18	14°24	21°27	6°23	18°15	20°31	18°36	25°45	25° 3	19°53	3°52	W 5
T 6	18 58 18	14°37'48	29°22	26°34	22°28	15° 7	21°20	6°19	18°19	20°32	18°37	25°43	25° 0	20° 0	3°52	T 6
F 7	19 2 14	15°35'01	11♈19	26° 9	23°38	15°50	21°14	6°15	18°22	20°32	18°39	25°D42	24°57	20° 7	3°52	F 7
S 8	19 6 11	16°32'14	23°12	25°41	24°47	16°33	21° 8	6°11	18°25	20°33	18°40	25°43	24°54	20°13	3°53	S 8
S 9	19 10 8	17°29'27	5♉ 5	25° 9	25°57	17°16	21° 1	6° 7	18°28	20°33	18°42	25°43	24°50	20°20	3°54	S 9
M10	19 14 4	18°26'40	17° 4	24°35	27° 7	17°59	20°55	6° 3	18°31	20°34	18°44	25°45	24°47	20°27	3°55	M10
T 11	19 18 1	19°23'54	29°12	23°59	28°16	18°42	20°49	5°59	18°35	20°34	18°45	25°46	24°44	20°34	3°56	T 11
W12	19 21 57	20°21'08	11♊34	23°22	29°25	19°24	20°44	5°54	18°38	20°34	18°47	25°48	24°41	20°40	3°57	W12
T 13	19 25 54	21°18'23	24°13	22°44	0♍35	20° 7	20°38	5°50	18°41	20°35	18°48	25°R48	24°38	20°47	3°58	T 13
F 14	19 29 50	22°15'38	7♋10	22° 5	1°44	20°49	20°32	5°46	18°44	20°35	18°50	25°48	24°35	20°54	3°59	F 14
S 15	19 33 47	23°12'53	20°26	21°28	2°53	21°32	20°27	5°42	18°47	20°35	18°52	25°46	24°31	21° 0	4° 1	S 15
S 16	19 37 43	24°10'08	4♌ 1	20°51	4° 2	22°14	20°22	5°38	18°50	20°36	18°53	25°43	24°28	21° 7	4° 2	S 16
M17	19 41 40	25° 7'23	17°52	20°16	5°11	22°56	20°16	5°33	18°53	20°36	18°55	25°39	24°25	21°14	4° 4	M17
T 18	19 45 37	26° 4'39	1♍56	19°43	6°20	23°38	20°11	5°29	18°56	20°36	18°57	25°35	24°22	21°21	4° 6	T 18
W19	19 49 33	27° 1'54	16° 8	19°14	7°28	24°20	20° 7	5°24	18°59	20°36	18°59	25°31	24°19	21°27	4° 7	W19
T 20	19 53 30	27°59'10	0♎25	18°48	8°37	25° 2	20° 2	5°20	19° 2	20°36	19° 0	25°27	24°15	21°34	4° 9	T 20
F 21	19 57 26	28°56'26	14°42	18°26	9°45	25°44	19°57	5°16	19° 5	20°36	19° 2	25°25	24°12	21°41	4°11	F 21
S 22	20 1 23	29°53'42	28°56	18° 9	10°54	26°25	19°53	5°11	19° 8	20°37	19° 4	25°D24	24° 9	21°47	4°14	S 22
S 23	20 5 19	0♌50'58	13♏ 5	17°57	12° 2	27° 7	19°49	5° 7	19°11	20°37	19° 6	25°25	24° 6	21°54	4°16	S 23
M24	20 9 16	1°48'15	27° 8	17°49	13°10	27°48	19°45	5° 2	19°14	20°R37	19° 7	25°26	24° 3	22° 1	4°18	M24
T 25	20 13 12	2°45'32	11♐ 2	17°D48	14°18	28°30	19°41	4°58	19°16	20°37	19° 9	25°27	24° 0	22° 8	4°21	T 25
W26	20 17 9	3°42'49	24°47	17°51	15°26	29°11	19°37	4°54	19°19	20°36	19°11	25°R28	23°56	22°14	4°23	W26
T 27	20 21 6	4°40'06	8♑22	18° 1	16°34	29°52	19°33	4°49	19°22	20°36	19°13	25°27	23°53	22°21	4°26	T 27
F 28	20 25 2	5°37'24	21°45	18°16	17°41	0♊33	19°30	4°45	19°25	20°36	19°14	25°25	23°50	22°28	4°29	F 28
S 29	20 28 59	6°34'42	4♒56	18°38	18°49	1°14	19°27	4°40	19°27	20°36	19°16	25°20	23°47	22°34	4°32	S 29
S 30	20 32 55	7°32'01	17°52	19° 5	19°56	1°55	19°24	4°36	19°30	20°36	19°18	25°14	23°44	22°41	4°35	S 30
M31	20 36 52	8♌29'21	0♓34	19♋39	21♍ 3	2♊36	19♐21	4♒31	19♊33	20♈36	19♌20	25♐ 7	23♐41	22♈48	4♏38	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n 3	18s14	2n40	18n24	2s15	17n35	1n50	14n 9	1s11	22s42	0n28	19s 0	0s25	22n54	0n 2	6n32	1s34	22n33	7n40	23s21	23s20	11n57	11s44	1n 7
S 2	22 58	14 20	3 38	18 10	2 31	17 13	1 49	14 23	1 10	22 42	0 28	19 1	0 25	22 54	0 2	6 32	1 34	22 32	7 40	23 21	23 20	11 59	11 44	1 7
M 3	22 54	9 52	4 23	17 56	2 46	16 50	1 48	14 36	1 10	22 41	0 28	19 2	0 25	22 55	0 2	6 32	1 35	22 32	7 40	23 21	23 19	12 1	11 44	1 7
T 4	22 48	5 6	4 55	17 43	3 2	16 27	1 47	14 50	1 9	22 41	0 28	19 3	0 25	22 55	0 2	6 32	1 35	22 31	7 40	23 21	23 19	12 3	11 44	1 7
W 5	22 43	0 14	5 12	17 32	3 17	16 4	1 46	15 3	1 9	22 41	0 28	19 4	0 25	22 55	0 2	6 33	1 35	22 31	7 40	23 21	23 19	12 5	11 44	1 8
T 6	22 37	4n34	5 15	17 21	3 32	15 40	1 45	15 16	1 8	22 41	0 27	19 5	0 25	22 56	0 2	6 33	1 35	22 30	7 40	23 21	23 19	12 8	11 44	1 8
F 7	22 30	9 8	5 4	17 12	3 45	15 15	1 43	15 29	1 8	22 40	0 27	19 6	0 25	22 56	0 2	6 33	1 35	22 30	7 40	23 21	23 19	12 10	11 44	1 8
S 8	22 23	13 20	4 40	17 5	3 58	14 51	1 42	15 42	1 7	22 40	0 27	19 7	0 25	22 56	0 2	6 33	1 35	22 29	7 40	23 21	23 19	12 12	11 44	1 8
S 9	22 16	17 2	4 4	16 59	4 10	14 26	1 40	15 54	1 7	22 40	0 27	19 8	0 26	22 56	0 2	6 33	1 35	22 29	7 40	23 21	23 19	12 14	11 44	1 8
M10	22 9	20 4	3 17	16 54	4 21	14 0	1 39	16 7	1 6	22 40	0 27	19 9	0 26	22 57	0 2	6 33	1 35	22 28	7 40	23 21	23 19	12 17	11 44	1 9
T 11	22 1	22 15	2 21	16 50	4 31	13 35	1 37	16 19	1 6	22 39	0 27	19 10	0 26	22 57	0 2	6 33	1 35	22 27	7 40	23 21	23 19	12 19	11 44	1 9
W12	21 52	23 26	1 17	16 49	4 39	13 9	1 35	16 31	1 5	22 39	0 26	19 11	0 26	22 57	0 2	6 33	1 35	22 27	7 40	23 21	23 18	12 21	11 44	1 9
T 13	21 44	23 26	0 9	16 48	4 46	12 43	1 33	16 43	1 4	22 39	0 26	19 13	0 26	22 58	0 2	6 34	1 35	22 26	7 40	23 21	23 18	12 23	11 44	1 9
F 14	21 35	22 11	1s 2	16 49	4 51	12 16	1 31	16 55	1 4	22 39	0 26	19 14	0 26	22 58	0 2	6 34	1 35	22 26	7 40	23 21	23 18	12 25	11 45	1 9
S 15	21 25	19 42	2 11	16 51	4 54	11 49	1 29	17 6	1 3	22 38	0 26	19 15	0 26	22 58	0 2	6 34	1 35	22 25	7 40	23 21	23 18	12 27	11 45	1 10
S 16	21 15	16 5	3 14	16 55	4 56	11 22	1 27	17 18	1 3	22 38	0 26	19 16	0 26	22 58	0 2	6 34	1 35	22 25	7 40	23 21	23 18	12 30	11 45	1 10
M17	21 5	11 32	4 7	17 0	4 56	10 55	1 24	17 29	1 2	22 38	0 25	19 17	0 26	22 59	0 2	6 34	1 35	22 24	7 40	23 21	23 18	12 32	11 46	1 10
T 18	20 55	6 19	4 46	17 6	4 55	10 27	1 22	17 40	1 1	22 38	0 25	19 18	0 26	22 59	0 2	6 34	1 35	22 24	7 40	23 20	23 18	12 34	11 46	1 10
W19	20 44	0 44	5 8	17 13	4 52	9 59	1 19	17 51	1 1	22 38	0 25	19 20	0 26	22 59	0 2	6 34	1 35	22 23	7 40	23 20	23 17	12 36	11 47	1 10
T 20	20 33	4s55	5 11	17 21	4 47	9 31	1 17	18 2	1 0	22 37	0 25	19 21	0 27	22 59	0 2	6 34	1 36	22 22	7 40	23 20	23 17	12 38	11 47	1 11
F 21	20 21	10 19	4 55	17 30	4 41	9 3	1 14	18 13	0 59	22 37	0 25	19 22	0 27	23 0	0 2	6 34	1 36	22 22	7 40	23 20	23 17	12 40	11 48	1 11
S 22	20 9	15 8	4 20	17 40	4 34	8 34	1 11	18 23	0 59	22 37	0 25	19 23	0 27	23 0	0 2	6 34	1 36	22 21	7 40	23 20	23 17	12 43	11 48	1 11
S 23	19 57	19 5	3 30	17 50	4 25	8 6	1 8	18 33	0 58	22 37	0 24	19 24	0 27	23 0	0 2	6 34	1 36	22 21	7 40	23 20	23 17	12 45	11 49	1 11
M24	19 44	21 54	2 28	18 1	4 15	7 37	1 5	18 43	0 57	22 37	0 24	19 25	0 27	23 0	0 2	6 34	1 36	22 20	7 40	23 20	23 17	12 47	11 49	1 11
T 25	19 31	23 21	1 18	18 12	4 4	7 8	1 2	18 53	0 57	22 37	0 24	19 26	0 27	23 1	0 2	6 34	1 36	22 20	7 40	23 20	23 17	12 49	11 50	1 11
W26	19 18	23 22	0 4	18 24	3 52	6 39	0 59	19 3	0 56	22 37	0 24	19 28	0 27	23 1	0 2	6 34	1 36	22 19	7 40	23 20	23 16	12 51	11 51	1 12
T 27	19 5	22 0	1n10	18 35	3 39	6 9	0 56	19 12	0 55	22 37	0 24	19 29	0 27	23 1	0 2	6 33	1 36	22 19	7 40	23 20	23 16	12 53	11 51	1 12
F 28	18 51	19 23	2 18	18 47	3 25	5 40	0 52	19 21	0 54	22 36	0 23	19 30	0 27	23 1	0 2	6 33	1 36	22 18	7 40	23 20	23 16	12 55	11 52	1 12
S 29	18 37	15 49	3 17	18 58	3 11	5 10	0 49	19 31	0 54	22 36	0 23	19 31	0 27	23 2	0 2	6 33	1 36	22 17	7 40	23 20	23 16	12 58	11 53	1 12
S 30	18 22	11 33	4 6	19 8	2 57	4 41	0 45	19 40	0 53	22 36	0 23	19 32	0 27	23 2	0 2	6 33	1 36	22 17	7 40	23 20	23 16	13 0	11 54	1 12
M31	18n 7	6s53	4n41	19n19	2s42	4n11	0n42	19n48	0s52	22s36	0n23	19s33	0s28	23n 2	0n 2	6n33	1s36	22n16	7n40	23s19	23s16	13n 2	11s55	1n13

Julian Day Number = 2523679.5, Delta T = 160.57 sec
Ecliptic obliquity = 23°24'48, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°30'01, Lahiri = 26°37'01

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2197
geocentric

AUGUST 2197 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 40 48	9♌26'41	13♓ 2	20♋18	22♍10	3♊17	19°R18	4°R27	19♊35	20°R35	19♌22	24°R59	23♐37	22♈54	4♏41	T 1
W 2	20 44 45	10°24'03	25°17	21° 4	23°17	3°57	19♐16	4♒23	19°38	20♈35	19°23	24♐52	23°34	23° 1	4°44	W 2
T 3	20 48 41	11°21'25	7♈20	21°55	24°24	4°38	19°13	4°18	19°40	20°35	19°25	24°46	23°31	23° 8	4°48	T 3
F 4	20 52 38	12°18'49	19°16	22°52	25°31	5°18	19°11	4°14	19°43	20°34	19°27	24°41	23°28	23°15	4°51	F 4
S 5	20 56 35	13°16'13	1♉ 8	23°55	26°37	5°58	19° 9	4° 9	19°45	20°34	19°29	24°38	23°25	23°21	4°55	S 5
S 6	21 0 31	14°13'39	13° 0	25° 3	27°43	6°38	19° 7	4° 5	19°47	20°34	19°31	24°D37	23°21	23°28	4°58	S 6
M 7	21 4 28	15°11'06	24°58	26°17	28°50	7°18	19° 6	4° 1	19°50	20°33	19°32	24°38	23°18	23°35	5° 2	M 7
T 8	21 8 24	16° 8'34	7♊ 6	27°36	29°56	7°58	19° 4	3°56	19°52	20°33	19°34	24°39	23°15	23°41	5° 6	T 8
W 9	21 12 21	17° 6'03	19°30	29° 0	1♎ 1	8°38	19° 3	3°52	19°54	20°32	19°36	24°R40	23°12	23°48	5°10	W 9
T 10	21 16 17	18° 3'34	2♋14	0♌29	2° 7	9°18	19° 2	3°48	19°57	20°32	19°38	24°39	23° 9	23°55	5°14	T 10
F 11	21 20 14	19° 1'06	15°20	2° 2	3°12	9°57	19° 1	3°44	19°59	20°31	19°40	24°38	23° 6	24° 1	5°18	F 11
S 12	21 24 10	19°58'39	28°51	3°40	4°18	10°37	19° 0	3°40	20° 1	20°30	19°42	24°33	23° 2	24° 8	5°22	S 12
S 13	21 28 7	20°56'13	12♌46	5°22	5°23	11°16	19° 0	3°35	20° 3	20°30	19°43	24°27	22°59	24°15	5°27	S 13
M14	21 32 4	21°53'48	27° 2	7° 7	6°28	11°55	18°59	3°31	20° 5	20°29	19°45	24°19	22°56	24°22	5°31	M14
T 15	21 36 0	22°51'25	11♍33	8°56	7°33	12°34	18°D59	3°27	20° 7	20°28	19°47	24°10	22°53	24°28	5°36	T 15
W16	21 39 57	23°49'02	26°12	10°47	8°37	13°13	18°59	3°23	20° 9	20°28	19°49	24° 1	22°50	24°35	5°40	W16
T 17	21 43 53	24°46'40	10♎52	12°41	9°41	13°52	19° 0	3°19	20°11	20°27	19°51	23°53	22°47	24°42	5°45	T 17
F 18	21 47 50	25°44'20	25°27	14°38	10°45	14°31	19° 0	3°15	20°13	20°26	19°53	23°48	22°43	24°48	5°50	F 18
S 19	21 51 46	26°42'00	9♏50	16°35	11°49	15° 9	19° 1	3°11	20°15	20°25	19°54	23°45	22°40	24°55	5°54	S 19
S 20	21 55 43	27°39'42	24° 0	18°34	12°53	15°48	19° 1	3° 8	20°17	20°25	19°56	23°D43	22°37	25° 2	5°59	S 20
M21	21 59 39	28°37'24	7♐54	20°35	13°56	16°26	19° 2	3° 4	20°19	20°24	19°58	23°44	22°34	25° 9	6° 4	M21
T 22	22 3 36	29°35'07	21°34	22°35	15° 0	17° 4	19° 4	3° 0	20°20	20°23	20° 0	23°R44	22°31	25°15	6°10	T 22
W23	22 7 33	0♍32'52	4♑59	24°36	16° 3	17°42	19° 5	2°56	20°22	20°22	20° 2	23°44	22°27	25°22	6°15	W23
T 24	22 11 29	1°30'38	18°12	26°37	17° 5	18°20	19° 6	2°53	20°24	20°21	20° 3	23°41	22°24	25°29	6°20	T 24
F 25	22 15 26	2°28'24	1♒13	28°38	18° 8	18°57	19° 8	2°49	20°25	20°20	20° 5	23°36	22°21	25°35	6°25	F 25
S 26	22 19 22	3°26'12	14° 3	0♍39	19°10	19°35	19°10	2°46	20°27	20°19	20° 7	23°29	22°18	25°42	6°31	S 26
S 27	22 23 19	4°24'02	26°42	2°39	20°12	20°12	19°12	2°42	20°28	20°18	20° 9	23°18	22°15	25°49	6°36	S 27
M28	22 27 15	5°21'52	9♓10	4°38	21°13	20°50	19°14	2°39	20°30	20°17	20°11	23° 6	22°12	25°55	6°42	M28
T 29	22 31 12	6°19'45	21°28	6°36	22°14	21°27	19°17	2°35	20°31	20°16	20°12	22°54	22° 8	26° 2	6°48	T 29
W30	22 35 8	7°17'38	3♈35	8°33	23°15	22° 4	19°20	2°32	20°33	20°15	20°14	22°41	22° 5	26° 9	6°53	W30
T 31	22 39 5	8♍15'34	15♈35	10♍29	24♎16	22♊40	19♐22	2♒29	20♊34	20♈14	20♌16	22♐30	22♐ 2	26♈16	6♏59	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17n52	2s 1	5n 1	19n28	2s26	3n41	0n38	19n57	0s51	22s36	0n23	19s34	0s28	23n 2	0n 2	6n33	1s36	22n16	7n40	23s19	23s16	13n 4	11s55	1n13
W 2	17 37	2n50	5 8	19 37	2 11	3 11	0 34	20 5	0 51	22 36	0 23	19 36	0 28	23 2	0 2	6 33	1 36	22 15	7 40	23 19	23 15	13 6	11 56	1 13
T 3	17 21	7 31	5 1	19 44	1 55	2 41	0 30	20 13	0 50	22 36	0 22	19 37	0 28	23 3	0 2	6 32	1 36	22 15	7 40	23 19	23 15	13 8	11 57	1 13
F 4	17 5	11 51	4 40	19 50	1 40	2 11	0 26	20 22	0 49	22 36	0 22	19 38	0 28	23 3	0 2	6 32	1 36	22 14	7 40	23 18	23 15	13 10	11 58	1 13
S 5	16 49	15 44	4 8	19 55	1 24	1 41	0 22	20 29	0 48	22 36	0 22	19 39	0 28	23 3	0 2	6 32	1 36	22 14	7 40	23 18	23 15	13 12	11 59	1 14
S 6	16 33	18 59	3 25	19 58	1 9	1 11	0 18	20 37	0 47	22 36	0 22	19 40	0 28	23 3	0 2	6 32	1 36	22 13	7 40	23 18	23 15	13 14	12 0	1 14
M 7	16 16	21 28	2 33	19 59	0 54	0 40	0 14	20 44	0 47	22 36	0 22	19 41	0 28	23 3	0 2	6 32	1 37	22 13	7 40	23 18	23 15	13 16	12 2	1 14
T 8	15 59	23 0	1 33	19 58	0 39	0 10	0 9	20 52	0 46	22 36	0 22	19 42	0 28	23 4	0 2	6 31	1 37	22 12	7 40	23 18	23 14	13 19	12 3	1 14
W 9	15 42	23 28	0 28	19 56	0 25	0s20	0 5	20 59	0 45	22 36	0 21	19 43	0 28	23 4	0 2	6 31	1 37	22 11	7 40	23 18	23 14	13 21	12 4	1 14
T 10	15 24	22 43	0s41	19 51	0 11	0 50	0 0	21 6	0 44	22 37	0 21	19 44	0 28	23 4	0 2	6 31	1 37	22 11	7 40	23 18	23 14	13 23	12 5	1 14
F 11	15 6	20 44	1 49	19 43	0n 2	1 20	0s 4	21 12	0 43	22 37	0 21	19 45	0 28	23 4	0 2	6 31	1 37	22 10	7 40	23 18	23 14	13 25	12 6	1 15
S 12	14 48	17 33	2 53	19 33	0 15	1 51	0 9	21 19	0 42	22 37	0 21	19 47	0 28	23 4	0 2	6 30	1 37	22 10	7 40	23 18	23 14	13 27	12 7	1 15
S 13	14 30	13 18	3 48	19 20	0 26	2 21	0 14	21 25	0 41	22 37	0 21	19 48	0 29	23 4	0 2	6 30	1 37	22 9	7 40	23 18	23 14	13 29	12 9	1 15
M14	14 12	8 14	4 31	19 5	0 38	2 51	0 18	21 32	0 40	22 37	0 20	19 49	0 29	23 5	0 2	6 30	1 37	22 9	7 41	23 17	23 14	13 31	12 10	1 15
T 15	13 53	2 39	4 57	18 47	0 48	3 21	0 23	21 38	0 40	22 37	0 20	19 50	0 29	23 5	0 2	6 30	1 37	22 8	7 41	23 17	23 13	13 33	12 11	1 15
W16	13 34	3s 9	5 4	18 26	0 58	3 51	0 28	21 43	0 39	22 37	0 20	19 51	0 29	23 5	0 2	6 29	1 37	22 8	7 41	23 17	23 13	13 35	12 13	1 15
T 17	13 15	8 46	4 51	18 3	1 6	4 21	0 33	21 49	0 38	22 38	0 20	19 52	0 29	23 5	0 2	6 29	1 37	22 7	7 41	23 16	23 13	13 37	12 14	1 16
F 18	12 56	13 51	4 19	17 37	1 14	4 51	0 38	21 54	0 37	22 38	0 20	19 53	0 29	23 5	0 2	6 29	1 37	22 7	7 41	23 16	23 13	13 39	12 15	1 16
S 19	12 36	18 5	3 32	17 8	1 21	5 20	0 44	22 0	0 36	22 38	0 20	19 54	0 29	23 5	0 2	6 28	1 37	22 6	7 41	23 16	23 13	13 41	12 17	1 16
S 20	12 16	21 12	2 32	16 38	1 27	5 50	0 49	22 5	0 35	22 38	0 19	19 55	0 29	23 6	0 2	6 28	1 37	22 6	7 41	23 16	23 12	13 43	12 18	1 16
M21	11 56	22 58	1 23	16 5	1 32	6 20	0 54	22 10	0 34	22 39	0 19	19 55	0 29	23 6	0 2	6 27	1 37	22 5	7 41	23 16	23 12	13 45	12 20	1 16
T 22	11 36	23 20	0 12	15 30	1 37	6 49	1 0	22 14	0 33	22 39	0 19	19 56	0 29	23 6	0 2	6 27	1 37	22 5	7 41	23 16	23 12	13 47	12 21	1 17
W23	11 16	22 20	1n 0	14 53	1 40	7 18	1 5	22 19	0 32	22 39	0 19	19 57	0 29	23 6	0 2	6 27	1 37	22 4	7 41	23 16	23 12	13 49	12 23	1 17
T 24	10 56	20 6	2 6	14 14	1 43	7 47	1 10	22 23	0 31	22 39	0 19	19 58	0 29	23 6	0 2	6 26	1 37	22 4	7 41	23 16	23 12	13 51	12 24	1 17
F 25	10 35	16 51	3 5	13 34	1 44	8 16	1 16	22 28	0 30	22 40	0 18	19 59	0 29	23 6	0 2	6 26	1 37	22 3	7 42	23 16	23 12	13 53	12 26	1 17
S 26	10 14	12 52	3 54	12 53	1 46	8 45	1 22	22 32	0 29	22 40	0 18	20 0	0 29	23 6	0 2	6 25	1 38	22 3	7 42	23 15	23 11	13 55	12 28	1 17
S 27	9 53	8 22	4 30	12 10	1 46	9 14	1 27	22 35	0 28	22 40	0 18	20 1	0 29	23 6	0 2	6 25	1 38	22 2	7 42	23 15	23 11	13 57	12 29	1 17
M28	9 32	3 36	4 52	11 26	1 45	9 42	1 33	22 39	0 27	22 41	0 18	20 2	0 30	23 7	0 2	6 25	1 38	22 2	7 42	23 14	23 11	13 59	12 31	1 18
T 29	9 11	1n14	5 1	10 42	1 44	10 11	1 39	22 43	0 26	22 41	0 18	20 2	0 30	23 7	0 2	6 24	1 38	22 1	7 42	23 13	23 11	14 1	12 33	1 18
W30	8 49	5 57	4 56	9 57	1 43	10 39	1 44	22 46	0 25	22 41	0 18	20 3	0 30	23 7	0 2	6 24	1 38	22 1	7 42	23 13	23 11	14 3	12 34	1 18
T 31	8n28	10n23	4n37	9n11	1n41	11s 6	1s50	22n49	0s23	22s42	0n17	20s 4	0s30	23n 7	0n 2	6n23	1s38	22n 1	7n42	23s12	23s10	14n 5	12s36	1n18

Julian Day Number = 2523710.5, Delta T = 160.65 sec
Ecliptic obliquity = 23°24'48, Nutation = 0°00'19, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°30'05, Lahiri = 26°37'06

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2197
geocentric

SEPTEMBER 2197 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 43 2	9♍13'31	27♈27	12♍24	25♎16	23♊17	19♐25	2°R26	20♊35	20°R12	20♌18	22°R21	21♐59	26♈22	7♏ 5	F 1
S 2	22 46 58	10°11'30	9♉17	14°18	26°16	23°54	19°28	2♒23	20°36	20♈11	20°19	22♐15	21°56	26°29	7°11	S 2
S 3	22 50 55	11° 9'30	21° 7	16°11	27°16	24°30	19°32	2°20	20°38	20°10	20°21	22°11	21°52	26°36	7°17	S 3
M 4	22 54 51	12° 7'33	3♊ 3	18° 3	28°15	25° 6	19°35	2°17	20°39	20° 9	20°23	22°10	21°49	26°42	7°23	M 4
T 5	22 58 48	13° 5'38	15° 9	19°53	29°14	25°42	19°39	2°14	20°40	20° 8	20°25	22°10	21°46	26°49	7°29	T 5
W 6	23 2 44	14° 3'44	27°30	21°42	0♏13	26°18	19°43	2°11	20°41	20° 6	20°26	22°10	21°43	26°56	7°36	W 6
T 7	23 6 41	15° 1'53	10♋13	23°30	1°11	26°53	19°47	2° 9	20°42	20° 5	20°28	22° 9	21°40	27° 2	7°42	T 7
F 8	23 10 37	16° 0'03	23°21	25°17	2° 9	27°29	19°51	2° 6	20°43	20° 4	20°30	22° 6	21°37	27° 9	7°48	F 8
S 9	23 14 34	16°58'15	6♌57	27° 2	3° 6	28° 4	19°55	2° 4	20°44	20° 2	20°31	22° 0	21°33	27°16	7°55	S 9
S 10	23 18 31	17°56'29	21° 1	28°46	4° 3	28°39	20° 0	2° 1	20°45	20° 1	20°33	21°53	21°30	27°22	8° 1	S 10
M11	23 22 27	18°54'45	5♍31	0♎30	4°59	29°14	20° 5	1°59	20°45	20° 0	20°35	21°42	21°27	27°29	8° 8	M11
T 12	23 26 24	19°53'03	20°22	2°11	5°55	29°49	20° 9	1°57	20°46	19°58	20°36	21°31	21°24	27°36	8°14	T 12
W13	23 30 20	20°51'23	5♎24	3°52	6°51	0♋23	20°14	1°55	20°47	19°57	20°38	21°20	21°21	27°43	8°21	W13
T 14	23 34 17	21°49'44	20°27	5°32	7°46	0°58	20°20	1°52	20°47	19°56	20°40	21°10	21°18	27°49	8°28	T 14
F 15	23 38 13	22°48'07	5♏23	7°10	8°40	1°32	20°25	1°50	20°48	19°54	20°41	21° 3	21°14	27°56	8°35	F 15
S 16	23 42 10	23°46'32	20° 3	8°48	9°35	2° 5	20°30	1°49	20°48	19°53	20°43	20°58	21°11	28° 3	8°42	S 16
S 17	23 46 6	24°44'58	4♐23	10°24	10°28	2°39	20°36	1°47	20°49	19°51	20°44	20°56	21° 8	28° 9	8°48	S 17
M18	23 50 3	25°43'26	18°21	11°59	11°21	3°13	20°42	1°45	20°49	19°50	20°46	20°55	21° 5	28°16	8°55	M18
T 19	23 53 59	26°41'55	1♑57	13°34	12°13	3°46	20°48	1°43	20°50	19°48	20°48	20°55	21° 2	28°23	9° 3	T 19
W20	23 57 56	27°40'26	15°14	15° 7	13° 5	4°19	20°54	1°42	20°50	19°47	20°49	20°54	20°58	28°29	9°10	W20
T 21	0 1 53	28°38'59	28°13	16°39	13°56	4°52	21° 0	1°40	20°50	19°45	20°51	20°52	20°55	28°36	9°17	T 21
F 22	0 5 49	29°37'33	10♒59	18°10	14°46	5°24	21° 7	1°39	20°51	19°44	20°52	20°46	20°52	28°43	9°24	F 22
S 23	0 9 46	0♎36'09	23°32	19°40	15°36	5°57	21°13	1°38	20°51	19°42	20°54	20°38	20°49	28°50	9°31	S 23
S 24	0 13 42	1°34'47	5♓55	21° 9	16°25	6°29	21°20	1°37	20°51	19°41	20°55	20°27	20°46	28°56	9°39	S 24
M25	0 17 39	2°33'26	18° 9	22°37	17°13	7° 1	21°27	1°36	20°51	19°39	20°57	20°14	20°43	29° 3	9°46	M25
T 26	0 21 35	3°32'07	0♈16	24° 3	18° 0	7°32	21°34	1°35	20°R51	19°37	20°58	20° 1	20°39	29°10	9°53	T 26
W27	0 25 32	4°30'50	12°16	25°29	18°47	8° 4	21°41	1°34	20°51	19°36	20°59	19°47	20°36	29°16	10° 1	W27
T 28	0 29 28	5°29'36	24°10	26°54	19°32	8°35	21°48	1°33	20°51	19°34	21° 1	19°35	20°33	29°23	10° 8	T 28
F 29	0 33 25	6°28'23	6♉ 0	28°17	20°17	9° 6	21°56	1°32	20°51	19°33	21° 2	19°26	20°30	29°30	10°16	F 29
S 30	0 37 22	7♎27'12	17♉49	29♎40	21♏ 1	9♋37	22♐ 4	1♒32	20♊50	19♈31	21♌ 4	19♐19	20♐27	29♈36	10♏23	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	8n 6	14n24	4n 7	8n24	1n38	11s34	1s56	22n52	0s22	22s42	0n17	20s 5	0s30	23n 7	0n 2	6n23	1s38	22n 0	7n42	23s12	23s10	14n 7	12s38	1n18
S 2	7 44	17 50	3 26	7 38	1 35	12 2	2 2	22 55	0 21	22 43	0 17	20 5	0 30	23 7	0 2	6 22	1 38	22 0	7 43	23 11	23 10	14 9	12 40	1 18
S 3	7 22	20 32	2 36	6 51	1 31	12 29	2 8	22 58	0 20	22 43	0 17	20 6	0 30	23 7	0 2	6 22	1 38	21 59	7 43	23 11	23 10	14 11	12 41	1 19
M 4	7 0	22 22	1 39	6 3	1 27	12 56	2 14	23 0	0 19	22 44	0 17	20 7	0 30	23 7	0 2	6 21	1 38	21 59	7 43	23 11	23 10	14 13	12 43	1 19
T 5	6 38	23 12	0 37	5 16	1 22	13 22	2 20	23 3	0 18	22 44	0 17	20 8	0 30	23 7	0 2	6 21	1 38	21 58	7 43	23 11	23 9	14 15	12 45	1 19
W 6	6 16	22 55	0s28	4 29	1 18	13 49	2 26	23 5	0 17	22 44	0 16	20 8	0 30	23 7	0 2	6 20	1 38	21 58	7 43	23 11	23 9	14 17	12 47	1 19
T 7	5 53	21 27	1 34	3 41	1 12	14 15	2 32	23 7	0 16	22 45	0 16	20 9	0 30	23 7	0 2	6 20	1 38	21 58	7 43	23 11	23 9	14 19	12 49	1 19
F 8	5 31	18 49	2 37	2 54	1 7	14 41	2 38	23 9	0 14	22 45	0 16	20 9	0 30	23 8	0 2	6 19	1 38	21 57	7 44	23 11	23 9	14 21	12 51	1 20
S 9	5 8	15 5	3 33	2 7	1 1	15 6	2 44	23 11	0 13	22 46	0 16	20 10	0 30	23 8	0 2	6 19	1 38	21 57	7 44	23 10	23 9	14 23	12 52	1 20
S 10	4 46	10 23	4 18	1 20	0 55	15 32	2 51	23 12	0 12	22 46	0 16	20 11	0 30	23 8	0 2	6 18	1 38	21 56	7 44	23 10	23 8	14 25	12 54	1 20
M11	4 23	5 0	4 49	0 33	0 49	15 57	2 57	23 14	0 11	22 47	0 16	20 11	0 30	23 8	0 2	6 18	1 38	21 56	7 44	23 9	23 8	14 27	12 56	1 20
T 12	4 0	0s47	5 0	0s13	0 42	16 21	3 3	23 15	0 9	22 47	0 16	20 12	0 30	23 8	0 2	6 17	1 38	21 56	7 44	23 9	23 8	14 29	12 58	1 20
W13	3 37	6 36	4 51	0 59	0 36	16 46	3 9	23 17	0 8	22 48	0 15	20 12	0 30	23 8	0 2	6 17	1 38	21 55	7 44	23 8	23 8	14 31	13 0	1 21
T 14	3 14	12 2	4 22	1 45	0 29	17 10	3 15	23 18	0 7	22 48	0 15	20 13	0 30	23 8	0 2	6 16	1 38	21 55	7 45	23 7	23 8	14 33	13 2	1 21
F 15	2 51	16 41	3 36	2 31	0 22	17 33	3 21	23 19	0 6	22 49	0 15	20 13	0 30	23 8	0 2	6 15	1 38	21 55	7 45	23 7	23 7	14 35	13 4	1 21
S 16	2 28	20 14	2 35	3 15	0 15	17 57	3 28	23 19	0 4	22 50	0 15	20 14	0 30	23 8	0 2	6 15	1 38	21 54	7 45	23 6	23 7	14 37	13 6	1 21
S 17	2 5	22 25	1 26	4 0	0 7	18 19	3 34	23 20	0 3	22 50	0 15	20 14	0 30	23 8	0 2	6 14	1 38	21 54	7 45	23 6	23 7	14 39	13 8	1 21
M18	1 42	23 8	0 14	4 44	0 0	18 42	3 40	23 21	0 2	22 51	0 15	20 15	0 30	23 8	0 2	6 14	1 38	21 54	7 45	23 6	23 7	14 41	13 10	1 21
T 19	1 19	22 26	0n58	5 27	0s 7	19 4	3 46	23 21	0 1	22 51	0 14	20 15	0 31	23 8	0 2	6 13	1 38	21 53	7 46	23 6	23 7	14 43	13 12	1 22
W20	0 55	20 29	2 5	6 10	0 15	19 26	3 52	23 21	0n 1	22 52	0 14	20 15	0 31	23 8	0 2	6 12	1 38	21 53	7 46	23 6	23 6	14 44	13 14	1 22
T 21	0 32	17 30	3 3	6 53	0 22	19 47	3 58	23 22	0 2	22 52	0 14	20 16	0 31	23 8	0 2	6 12	1 38	21 53	7 46	23 6	23 6	14 46	13 16	1 22
F 22	0 9	13 44	3 52	7 35	0 30	20 8	4 4	23 22	0 4	22 53	0 14	20 16	0 31	23 8	0 2	6 11	1 38	21 52	7 46	23 6	23 6	14 48	13 18	1 22
S 23	0s14	9 26	4 28	8 16	0 38	20 29	4 10	23 22	0 5	22 54	0 14	20 16	0 31	23 8	0 2	6 11	1 38	21 52	7 46	23 5	23 6	14 50	13 21	1 22
S 24	0 38	4 49	4 51	8 56	0 45	20 49	4 16	23 22	0 6	22 54	0 14	20 17	0 31	23 8	0 2	6 10	1 39	21 52	7 47	23 4	23 6	14 52	13 23	1 23
M25	1 1	0 4	5 0	9 36	0 53	21 9	4 22	23 21	0 8	22 55	0 14	20 17	0 31	23 8	0 2	6 9	1 39	21 51	7 47	23 3	23 5	14 54	13 25	1 23
T 26	1 24	4n38	4 56	10 16	1 0	21 28	4 28	23 21	0 9	22 55	0 13	20 17	0 31	23 8	0 2	6 9	1 39	21 51	7 47	23 2	23 5	14 56	13 27	1 23
W27	1 48	9 6	4 38	10 54	1 8	21 47	4 34	23 21	0 11	22 56	0 13	20 17	0 31	23 8	0 2	6 8	1 39	21 51	7 47	23 1	23 5	14 58	13 29	1 23
T 28	2 11	13 12	4 8	11 32	1 16	22 5	4 40	23 20	0 12	22 57	0 13	20 18	0 31	23 8	0 2	6 8	1 39	21 51	7 47	23 0	23 5	15 0	13 31	1 23
F 29	2 34	16 47	3 28	12 9	1 23	22 23	4 46	23 20	0 14	22 57	0 13	20 18	0 31	23 8	0 3	6 7	1 39	21 50	7 48	23 0	23 4	15 1	13 33	1 24
S 30	2s57	19n40	2n39	12s45	1s31	22s40	4s51	23n19	0n15	22s58	0n13	20s18	0s31	23n 8	0n 3	6n 6	1s39	21n50	7n48	22s59	23s 4	15n 3	13s36	1n24

Julian Day Number = 2523741.5, Delta T = 160.73 sec
Ecliptic obliquity = 23°24'48, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°30'09, Lahiri = 26°37'10

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2197
geocentric

OCTOBER 2197 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 41 18	8♎26'04	29♉39	1♏ 1	21♏44	10♋ 7	22♐11	1°R31	20°R50	19°R29	21♑ 5	19°R15	20♐24	29♈43	10♏31	S 1
M 2	0 45 15	9°24'58	11♊34	2°21	22°26	10°37	22°19	1♒31	20♊50	19♈28	21° 6	19♐13	20°20	29°50	10°39	M 2
T 3	0 49 11	10°23'54	23°38	3°40	23° 7	11° 7	22°27	1°31	20°50	19°26	21° 8	19°D13	20°17	29°56	10°46	T 3
W 4	0 53 8	11°22'53	5♋57	4°57	23°46	11°37	22°35	1°30	20°49	19°24	21° 9	19°R13	20°14	0♉ 3	10°54	W 4
T 5	0 57 4	12°21'53	18°36	6°13	24°25	12° 6	22°43	1°D30	20°49	19°23	21°10	19°13	20°11	0°10	11° 2	T 5
F 6	1 1 1	13°20'56	1♌39	7°28	25° 3	12°35	22°52	1°30	20°48	19°21	21°11	19°11	20° 8	0°16	11°10	F 6
S 7	1 4 57	14°20'01	15°10	8°41	25°39	13° 4	23° 0	1°30	20°48	19°19	21°13	19° 8	20° 4	0°23	11°17	S 7
S 8	1 8 54	15°19'09	29°12	9°52	26°14	13°32	23° 9	1°31	20°47	19°18	21°14	19° 2	20° 1	0°30	11°25	S 8
M 9	1 12 51	16°18'19	13♍42	11° 2	26°48	14° 0	23°18	1°31	20°46	19°16	21°15	18°54	19°58	0°37	11°33	M 9
T 10	1 16 47	17°17'31	28°36	12°10	27°21	14°28	23°27	1°31	20°46	19°14	21°16	18°44	19°55	0°43	11°41	T 10
W11	1 20 44	18°16'45	13♎48	13°16	27°52	14°56	23°36	1°32	20°45	19°13	21°17	18°35	19°52	0°50	11°49	W11
T 12	1 24 40	19°16'01	29° 5	14°19	28°21	15°23	23°45	1°33	20°44	19°11	21°18	18°27	19°49	0°57	11°57	T 12
F 13	1 28 37	20°15'19	14♏16	15°20	28°49	15°50	23°54	1°33	20°43	19° 9	21°19	18°20	19°45	1° 3	12° 5	F 13
S 14	1 32 33	21°14'39	29°14	16°19	29°16	16°16	24° 3	1°34	20°42	19° 8	21°21	18°16	19°42	1°10	12°13	S 14
S 15	1 36 30	22°14'01	13♐49	17°14	29°41	16°42	24°13	1°35	20°41	19° 6	21°22	18°D15	19°39	1°17	12°21	S 15
M16	1 40 26	23°13'25	27°58	18° 7	0♐ 4	17° 8	24°22	1°36	20°40	19° 4	21°23	18°15	19°36	1°23	12°29	M16
T 17	1 44 23	24°12'51	11♑42	18°56	0°25	17°33	24°32	1°37	20°39	19° 3	21°24	18°16	19°33	1°30	12°38	T 17
W18	1 48 20	25°12'18	25° 0	19°41	0°45	17°58	24°42	1°38	20°38	19° 1	21°25	18°R17	19°29	1°37	12°46	W18
T 19	1 52 16	26°11'47	7♒57	20°22	1° 2	18°23	24°52	1°40	20°37	18°59	21°26	18°16	19°26	1°43	12°54	T 19
F 20	1 56 13	27°11'17	20°36	20°59	1°18	18°47	25° 2	1°41	20°36	18°58	21°26	18°13	19°23	1°50	13° 2	F 20
S 21	2 0 9	28°10'50	3♓ 0	21°30	1°32	19°11	25°12	1°43	20°35	18°56	21°27	18° 8	19°20	1°57	13°10	S 21
S 22	2 4 6	29°10'24	15°12	21°56	1°43	19°35	25°22	1°44	20°33	18°54	21°28	18° 1	19°17	2° 4	13°19	S 22
M23	2 8 2	0♏10'00	27°16	22°16	1°53	19°58	25°33	1°46	20°32	18°53	21°29	17°53	19°14	2°10	13°27	M23
T 24	2 11 59	1° 9'37	9♈14	22°29	2° 0	20°20	25°43	1°48	20°31	18°51	21°30	17°43	19°10	2°17	13°35	T 24
W25	2 15 55	2° 9'17	21° 7	22°R36	2° 5	20°42	25°54	1°50	20°29	18°50	21°31	17°34	19° 7	2°24	13°43	W25
T 26	2 19 52	3° 8'59	2♉58	22°34	2° 7	21° 4	26° 4	1°52	20°28	18°48	21°31	17°26	19° 4	2°30	13°52	T 26
F 27	2 23 48	4° 8'42	14°48	22°24	2°R 8	21°26	26°15	1°54	20°26	18°46	21°32	17°20	19° 1	2°37	14° 0	F 27
S 28	2 27 45	5° 8'28	26°39	22° 6	2° 5	21°47	26°26	1°56	20°25	18°45	21°33	17°16	18°58	2°44	14° 8	S 28
S 29	2 31 42	6° 8'16	8♊33	21°39	2° 1	22° 7	26°37	1°58	20°23	18°43	21°34	17°13	18°55	2°50	14°17	S 29
M30	2 35 38	7° 8'06	20°33	21° 2	1°54	22°27	26°48	2° 1	20°22	18°42	21°34	17°D13	18°51	2°57	14°25	M30
T 31	2 39 35	8♏ 7'58	2♋42	20♏16	1♐45	22♋47	26♐59	2♒ 3	20♊20	18♈40	21♑35	17♐14	18♐48	3♉ 4	14♏33	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3s20	21n43	1n42	13s21	1s38	22s57	4s57	23n18	0n17	22s58	0n13	20s18	0s31	23n 8	0n 3	6n 6	1s39	21n50	7n48	22s59	23s 4	15n 5	13s38	1n24
M 2	3 44	22 49	0 41	13 55	1 45	23 13	5 2	23 17	0 18	22 59	0 13	20 18	0 31	23 8	0 3	6 5	1 39	21 50	7 48	22 59	23 4	15 7	13 40	1 24
T 3	4 7	22 52	0s24	14 29	1 52	23 29	5 8	23 16	0 20	22 59	0 12	20 18	0 31	23 8	0 3	6 4	1 39	21 49	7 49	22 59	23 3	15 9	13 42	1 24
W 4	4 30	21 49	1 28	15 2	1 59	23 45	5 13	23 15	0 21	23 0	0 12	20 18	0 31	23 8	0 3	6 4	1 39	21 49	7 49	22 59	23 3	15 11	13 44	1 25
T 5	4 53	19 39	2 30	15 34	2 6	23 59	5 18	23 14	0 23	23 1	0 12	20 18	0 31	23 8	0 3	6 3	1 39	21 49	7 49	22 59	23 3	15 13	13 46	1 25
F 6	5 16	16 25	3 26	16 5	2 13	24 14	5 23	23 13	0 24	23 1	0 12	20 19	0 31	23 8	0 3	6 3	1 39	21 49	7 49	22 58	23 3	15 14	13 49	1 25
S 7	5 39	12 14	4 13	16 35	2 19	24 28	5 28	23 12	0 26	23 2	0 12	20 19	0 31	23 8	0 3	6 2	1 39	21 49	7 50	22 58	23 3	15 16	13 51	1 25
S 8	6 2	7 16	4 46	17 4	2 26	24 41	5 33	23 11	0 28	23 2	0 12	20 18	0 31	23 8	0 3	6 1	1 39	21 49	7 50	22 58	23 2	15 18	13 53	1 26
M 9	6 24	1 44	5 3	17 31	2 32	24 53	5 38	23 10	0 29	23 3	0 12	20 18	0 31	23 8	0 3	6 1	1 39	21 48	7 50	22 57	23 2	15 20	13 55	1 26
T 10	6 47	4s 2	5 0	17 58	2 37	25 5	5 42	23 8	0 31	23 4	0 11	20 18	0 31	23 8	0 3	6 0	1 39	21 48	7 50	22 56	23 2	15 22	13 58	1 26
W11	7 10	9 40	4 36	18 23	2 43	25 17	5 46	23 7	0 33	23 4	0 11	20 18	0 31	23 8	0 3	5 59	1 39	21 48	7 51	22 55	23 2	15 24	14 0	1 26
T 12	7 32	14 44	3 52	18 47	2 48	25 28	5 50	23 6	0 34	23 5	0 11	20 18	0 31	23 8	0 3	5 59	1 39	21 48	7 51	22 55	23 1	15 25	14 2	1 26
F 13	7 54	18 50	2 51	19 10	2 53	25 38	5 54	23 4	0 36	23 5	0 11	20 18	0 31	23 8	0 3	5 58	1 39	21 48	7 51	22 54	23 1	15 27	14 4	1 27
S 14	8 17	21 36	1 40	19 32	2 57	25 47	5 58	23 3	0 38	23 6	0 11	20 18	0 31	23 8	0 3	5 57	1 39	21 48	7 51	22 54	23 1	15 29	14 6	1 27
S 15	8 39	22 50	0 24	19 51	3 1	25 56	6 2	23 1	0 39	23 6	0 11	20 18	0 31	23 8	0 3	5 57	1 39	21 48	7 52	22 54	23 1	15 31	14 9	1 27
M16	9 1	22 32	0n52	20 10	3 5	26 5	6 5	23 0	0 41	23 7	0 11	20 18	0 31	23 8	0 3	5 56	1 39	21 48	7 52	22 54	23 0	15 33	14 11	1 27
T 17	9 23	20 52	2 3	20 26	3 8	26 12	6 8	22 58	0 43	23 7	0 11	20 17	0 31	23 8	0 3	5 56	1 39	21 47	7 52	22 54	23 0	15 34	14 13	1 28
W18	9 45	18 5	3 4	20 41	3 10	26 19	6 10	22 57	0 45	23 8	0 10	20 17	0 31	23 8	0 3	5 55	1 39	21 47	7 52	22 54	23 0	15 36	14 15	1 28
T 19	10 6	14 29	3 55	20 54	3 12	26 25	6 13	22 56	0 47	23 8	0 10	20 17	0 31	23 8	0 3	5 54	1 39	21 47	7 53	22 54	23 0	15 38	14 18	1 28
F 20	10 28	10 18	4 32	21 5	3 13	26 30	6 15	22 54	0 49	23 9	0 10	20 16	0 31	23 8	0 3	5 54	1 39	21 47	7 53	22 53	22 59	15 40	14 20	1 28
S 21	10 49	5 47	4 57	21 13	3 13	26 35	6 16	22 53	0 51	23 9	0 10	20 16	0 31	23 7	0 3	5 53	1 39	21 47	7 53	22 53	22 59	15 42	14 22	1 29
S 22	11 10	1 6	5 7	21 19	3 12	26 39	6 18	22 51	0 52	23 10	0 10	20 16	0 32	23 7	0 3	5 52	1 39	21 47	7 53	22 52	22 59	15 43	14 24	1 29
M23	11 31	3n33	5 3	21 23	3 10	26 42	6 19	22 50	0 54	23 10	0 10	20 15	0 32	23 7	0 3	5 52	1 39	21 47	7 54	22 52	22 59	15 45	14 27	1 29
T 24	11 52	8 2	4 46	21 23	3 7	26 44	6 19	22 48	0 56	23 11	0 10	20 15	0 32	23 7	0 3	5 51	1 39	21 47	7 54	22 51	22 58	15 47	14 29	1 29
W25	12 13	12 12	4 17	21 21	3 3	26 45	6 19	22 47	0 58	23 11	0 10	20 15	0 32	23 7	0 3	5 51	1 39	21 47	7 54	22 50	22 58	15 49	14 31	1 30
T 26	12 33	15 53	3 36	21 16	2 58	26 45	6 19	22 45	1 0	23 12	0 9	20 14	0 32	23 7	0 3	5 50	1 39	21 47	7 55	22 49	22 58	15 50	14 33	1 30
F 27	12 53	18 55	2 47	21 6	2 51	26 44	6 18	22 44	1 2	23 12	0 9	20 14	0 32	23 7	0 3	5 49	1 39	21 47	7 55	22 49	22 58	15 52	14 35	1 30
S 28	13 13	21 10	1 49	20 54	2 43	26 42	6 17	22 43	1 4	23 13	0 9	20 13	0 32	23 7	0 3	5 49	1 39	21 47	7 55	22 48	22 57	15 54	14 38	1 30
S 29	13 33	22 29	0 47	20 37	2 33	26 39	6 15	22 42	1 6	23 13	0 9	20 13	0 32	23 7	0 3	5 48	1 39	21 47	7 55	22 48	22 57	15 56	14 40	1 31
M30	13 53	22 47	0s18	20 16	2 21	26 35	6 12	22 40	1 9	23 13	0 9	20 12	0 32	23 7	0 3	5 48	1 39	21 47	7 56	22 48	22 57	15 57	14 42	1 31
T 31	14s12	22n 0	1s23	19s50	2s 7	26s30	6s 9	22n39	1n11	23s14	0n 9	20s12	0s32	23n 7	0n 3	5n47	1s39	21n47	7n56	22s48	22s57	15n59	14s44	1n31

Julian Day Number = 2523771.5, Delta T = 160.81 sec
Ecliptic obliquity = 23°24'48, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°30'14, Lahiri = 26°37'14

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2197
geocentric

NOVEMBER 2197 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 43 31	9♏ 7'52	15♋ 3	19°R22	1°R33	23♋ 6	27♐10	2♒ 6	20°R18	18°R38	21♌36	17♐16	18♐45	3♉10	14♏42	W 1
T 2	2 47 28	10° 7'48	27°42	18♏20	1♐19	23°24	27°21	2° 8	20♊16	18♈37	21°36	17°17	18°42	3°17	14°50	T 2
F 3	2 51 24	11° 7'47	10♌41	17°11	1° 2	23°42	27°33	2°11	20°15	18°35	21°37	17°R18	18°39	3°24	14°59	F 3
S 4	2 55 21	12° 7'47	24° 5	15°56	0°43	23°59	27°44	2°14	20°13	18°34	21°37	17°17	18°35	3°30	15° 7	S 4
S 5	2 59 17	13° 7'50	7♍55	14°39	0°22	24°16	27°55	2°17	20°11	18°32	21°38	17°15	18°32	3°37	15°15	S 5
M 6	3 3 14	14° 7'55	22°13	13°21	29♏59	24°33	28° 7	2°20	20° 9	18°31	21°38	17°11	18°29	3°44	15°24	M 6
T 7	3 7 11	15° 8'02	6♎56	12° 4	29°33	24°49	28°19	2°23	20° 7	18°29	21°39	17° 7	18°26	3°50	15°32	T 7
W 8	3 11 7	16° 8'11	21°57	10°52	29° 6	25° 4	28°31	2°26	20° 5	18°28	21°39	17° 2	18°23	3°57	15°40	W 8
T 9	3 15 4	17° 8'22	7♏10	9°46	28°37	25°18	28°42	2°29	20° 3	18°27	21°40	16°58	18°20	4° 4	15°49	T 9
F 10	3 19 0	18° 8'34	22°24	8°48	28° 6	25°33	28°54	2°33	20° 1	18°25	21°40	16°55	18°16	4°11	15°57	F 10
S 11	3 22 57	19° 8'49	7♐27	8° 0	27°34	25°46	29° 6	2°36	19°59	18°24	21°40	16°53	18°13	4°17	16° 6	S 11
S 12	3 26 53	20° 9'06	22°13	7°23	27° 1	25°59	29°18	2°40	19°57	18°22	21°41	16°D53	18°10	4°24	16°14	S 12
M13	3 30 50	21° 9'24	6♑35	6°57	26°26	26°11	29°30	2°43	19°55	18°21	21°41	16°54	18° 7	4°31	16°22	M13
T 14	3 34 47	22° 9'43	20°30	6°43	25°51	26°23	29°43	2°47	19°53	18°20	21°41	16°56	18° 4	4°37	16°31	T 14
W15	3 38 43	23°10'04	3♒58	6°D41	25°15	26°33	29°55	2°51	19°51	18°18	21°41	16°57	18° 1	4°44	16°39	W15
T 16	3 42 40	24°10'26	17° 0	6°50	24°38	26°44	0♑ 7	2°55	19°48	18°17	21°42	16°58	17°57	4°51	16°47	T 16
F 17	3 46 36	25°10'49	29°40	7° 8	24° 2	26°53	0°20	2°59	19°46	18°16	21°42	16°R58	17°54	4°57	16°56	F 17
S 18	3 50 33	26°11'14	12♓ 3	7°37	23°25	27° 2	0°32	3° 3	19°44	18°15	21°42	16°57	17°51	5° 4	17° 4	S 18
S 19	3 54 29	27°11'40	24°11	8°14	22°49	27°10	0°45	3° 7	19°42	18°13	21°42	16°55	17°48	5°11	17°12	S 19
M20	3 58 26	28°12'08	6♈10	8°59	22°14	27°18	0°57	3°11	19°39	18°12	21°42	16°53	17°45	5°17	17°21	M20
T 21	4 2 22	29°12'37	18° 3	9°50	21°40	27°24	1°10	3°16	19°37	18°11	21°42	16°50	17°41	5°24	17°29	T 21
W22	4 6 19	0♐13'07	29°53	10°48	21° 6	27°30	1°23	3°20	19°35	18°10	21°R42	16°47	17°38	5°31	17°37	W22
T 23	4 10 15	1°13'39	11♉43	11°51	20°34	27°35	1°35	3°24	19°32	18° 9	21°42	16°44	17°35	5°37	17°45	T 23
F 24	4 14 12	2°14'12	23°36	12°58	20° 4	27°40	1°48	3°29	19°30	18° 8	21°42	16°43	17°32	5°44	17°54	F 24
S 25	4 18 9	3°14'46	5♊33	14°10	19°35	27°44	2° 1	3°33	19°27	18° 7	21°42	16°42	17°29	5°51	18° 2	S 25
S 26	4 22 5	4°15'22	17°36	15°25	19° 8	27°47	2°14	3°38	19°25	18° 6	21°42	16°D41	17°26	5°57	18°10	S 26
M27	4 26 2	5°16'00	29°47	16°42	18°43	27°49	2°27	3°43	19°23	18° 5	21°42	16°42	17°22	6° 4	18°18	M27
T 28	4 29 58	6°16'39	12♋ 8	18° 2	18°20	27°50	2°40	3°48	19°20	18° 4	21°42	16°42	17°19	6°11	18°26	T 28
W29	4 33 55	7°17'20	24°41	19°25	17°59	27°R51	2°53	3°53	19°18	18° 3	21°41	16°43	17°16	6°17	18°34	W29
T 30	4 37 51	8♐18'02	7♌28	20♏48	17♏41	27♋50	3♑ 6	3♒58	19♊15	18♈ 2	21♌41	16♐44	17♐13	6♉24	18♏42	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14s31	20n 9	2s26	19s21	1s52	26s24	6s 5	22n38	1n13	23s14	0n 9	20s11	0s32	23n 6	0n 3	5n47	1s39	21n47	7n56	22s48	22s56	16n 1	14s46	1n31
T 2	14 50	17 17	3 23	18 48	1 35	26 17	6 1	22 37	1 15	23 15	0 9	20 11	0 32	23 6	0 3	5 46	1 39	21 48	7 57	22 48	22 56	16 3	14 49	1 32
F 3	15 9	13 30	4 11	18 11	1 17	26 9	5 56	22 36	1 17	23 15	0 9	20 10	0 32	23 6	0 3	5 45	1 39	21 48	7 57	22 48	22 56	16 4	14 51	1 32
S 4	15 28	8 57	4 47	17 31	0 58	25 59	5 50	22 35	1 19	23 15	0 8	20 9	0 32	23 6	0 3	5 45	1 39	21 48	7 57	22 48	22 55	16 6	14 53	1 32
S 5	15 46	3 49	5 8	16 49	0 38	25 48	5 44	22 35	1 22	23 16	0 8	20 9	0 32	23 6	0 3	5 44	1 39	21 48	7 57	22 48	22 55	16 8	14 55	1 32
M 6	16 4	1s41	5 11	16 6	0 17	25 36	5 37	22 34	1 24	23 16	0 8	20 8	0 32	23 6	0 3	5 44	1 39	21 48	7 58	22 48	22 55	16 9	14 57	1 33
T 7	16 21	7 15	4 54	15 23	0n 4	25 23	5 29	22 33	1 26	23 16	0 8	20 8	0 32	23 6	0 3	5 43	1 39	21 48	7 58	22 47	22 55	16 11	14 59	1 33
W 8	16 39	12 31	4 17	14 41	0 24	25 8	5 20	22 33	1 29	23 16	0 8	20 7	0 32	23 6	0 3	5 43	1 38	21 48	7 58	22 47	22 54	16 13	15 2	1 33
T 9	16 56	17 3	3 21	14 2	0 43	24 53	5 11	22 33	1 31	23 17	0 8	20 6	0 32	23 5	0 3	5 42	1 38	21 48	7 59	22 47	22 54	16 14	15 4	1 33
F 10	17 13	20 27	2 10	13 27	1 1	24 36	5 1	22 32	1 33	23 17	0 8	20 5	0 32	23 5	0 3	5 42	1 38	21 49	7 59	22 46	22 54	16 16	15 6	1 34
S 11	17 29	22 23	0 52	12 56	1 17	24 18	4 50	22 32	1 36	23 17	0 8	20 5	0 32	23 5	0 3	5 41	1 38	21 49	7 59	22 46	22 53	16 18	15 8	1 34
S 12	17 46	22 42	0n29	12 30	1 32	24 0	4 39	22 32	1 38	23 17	0 8	20 4	0 32	23 5	0 3	5 41	1 38	21 49	8 0	22 46	22 53	16 20	15 10	1 34
M13	18 2	21 29	1 46	12 10	1 45	23 40	4 27	22 32	1 41	23 17	0 7	20 3	0 32	23 5	0 3	5 40	1 38	21 49	8 0	22 46	22 53	16 21	15 12	1 35
T 14	18 17	18 58	2 55	11 55	1 56	23 19	4 15	22 33	1 43	23 17	0 7	20 2	0 32	23 5	0 3	5 40	1 38	21 49	8 0	22 46	22 53	16 23	15 14	1 35
W15	18 33	15 30	3 51	11 46	2 4	22 58	4 1	22 33	1 46	23 18	0 7	20 1	0 32	23 5	0 3	5 39	1 38	21 49	8 0	22 46	22 52	16 25	15 16	1 35
T 16	18 48	11 23	4 33	11 43	2 11	22 35	3 48	22 34	1 48	23 18	0 7	20 0	0 32	23 4	0 3	5 39	1 38	21 50	8 1	22 47	22 52	16 26	15 19	1 35
F 17	19 2	6 52	5 1	11 44	2 17	22 13	3 34	22 34	1 51	23 18	0 7	20 0	0 32	23 4	0 3	5 38	1 38	21 50	8 1	22 47	22 52	16 28	15 21	1 36
S 18	19 17	2 11	5 14	11 49	2 20	21 49	3 19	22 35	1 54	23 18	0 7	19 59	0 32	23 4	0 3	5 38	1 38	21 50	8 1	22 46	22 52	16 30	15 23	1 36
S 19	19 31	2n29	5 13	11 59	2 22	21 26	3 5	22 36	1 56	23 18	0 7	19 58	0 32	23 4	0 3	5 37	1 38	21 50	8 2	22 46	22 51	16 31	15 25	1 36
M20	19 44	7 0	4 58	12 13	2 23	21 2	2 49	22 37	1 59	23 18	0 7	19 57	0 32	23 4	0 3	5 37	1 38	21 51	8 2	22 46	22 51	16 33	15 27	1 37
T 21	19 58	11 14	4 30	12 29	2 23	20 38	2 34	22 38	2 1	23 18	0 7	19 56	0 32	23 4	0 3	5 37	1 38	21 51	8 2	22 46	22 51	16 34	15 29	1 37
W22	20 10	15 1	3 51	12 48	2 22	20 15	2 19	22 40	2 4	23 18	0 6	19 55	0 32	23 3	0 3	5 36	1 38	21 51	8 3	22 45	22 50	16 36	15 31	1 37
T 23	20 23	18 13	3 2	13 10	2 19	19 51	2 3	22 42	2 7	23 18	0 6	19 54	0 32	23 3	0 3	5 36	1 38	21 51	8 3	22 45	22 50	16 38	15 33	1 38
F 24	20 35	20 40	2 4	13 33	2 16	19 28	1 48	22 43	2 10	23 18	0 6	19 53	0 32	23 3	0 3	5 35	1 38	21 52	8 3	22 45	22 50	16 39	15 35	1 38
S 25	20 47	22 13	1 1	13 58	2 13	19 5	1 32	22 45	2 12	23 18	0 6	19 52	0 32	23 3	0 3	5 35	1 38	21 52	8 3	22 45	22 49	16 41	15 37	1 38
S 26	20 58	22 45	0s 5	14 24	2 8	18 43	1 17	22 47	2 15	23 18	0 6	19 51	0 32	23 3	0 3	5 35	1 38	21 52	8 4	22 45	22 49	16 43	15 39	1 39
M27	21 9	22 13	1 12	14 50	2 3	18 22	1 2	22 50	2 18	23 17	0 6	19 50	0 32	23 2	0 3	5 34	1 38	21 53	8 4	22 45	22 49	16 44	15 40	1 39
T 28	21 20	20 36	2 17	15 18	1 58	18 1	0 47	22 52	2 21	23 17	0 6	19 48	0 32	23 2	0 3	5 34	1 38	21 53	8 4	22 45	22 49	16 46	15 42	1 39
W29	21 30	17 57	3 16	15 46	1 52	17 41	0 32	22 55	2 24	23 17	0 6	19 47	0 33	23 2	0 3	5 34	1 38	21 53	8 5	22 45	22 48	16 47	15 44	1 40
T 30	21s40	14n25	4s 6	16s14	1n46	17s22	0s17	22n58	2n27	23s17	0n 6	19s46	0s33	23n 2	0n 3	5n33	1s38	21n54	8n 5	22s45	22s48	16n49	15s46	1n40

Julian Day Number = 2523802.5, Delta T = 160.90 sec
Ecliptic obliquity = 23°24'47, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°30'18, Lahiri = 26°37'18

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2197
geocentric

DECEMBER 2197 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 41 48	9♐18'45	20♌32	22♏14	17°R25	27°R49	3♉19	4♒ 3	19°R13	18°R 1	21°R41	16♐45	17♐10	6♉31	18♏50	F 1
S 2	4 45 45	10°19'30	3♍54	23°41	17♏12	27♋47	3°32	4° 8	19♊10	18♈ 0	21♌41	16°45	17° 7	6°38	18°59	S 2
S 3	4 49 41	11°20'17	17°36	25° 8	17° 1	27°44	3°46	4°13	19° 8	17°59	21°40	16°R45	17° 3	6°44	19° 6	S 3
M 4	4 53 38	12°21'05	1♎39	26°37	16°53	27°41	3°59	4°18	19° 5	17°58	21°40	16°45	17° 0	6°51	19°14	M 4
T 5	4 57 34	13°21'55	16° 2	28° 6	16°47	27°36	4°12	4°23	19° 3	17°57	21°40	16°45	16°57	6°58	19°22	T 5
W 6	5 1 31	14°22'46	0♏42	29°36	16°43	27°31	4°25	4°29	19° 0	17°57	21°39	16°44	16°54	7° 4	19°30	W 6
T 7	5 5 27	15°23'38	15°34	1♐ 7	16°D42	27°25	4°39	4°34	18°58	17°56	21°39	16°44	16°51	7°11	19°38	T 7
F 8	5 9 24	16°24'32	0♐30	2°38	16°44	27°18	4°52	4°40	18°55	17°55	21°39	16°D44	16°47	7°18	19°46	F 8
S 9	5 13 20	17°25'27	15°23	4° 9	16°48	27°10	5° 6	4°45	18°52	17°54	21°38	16°R44	16°44	7°24	19°54	S 9
S 10	5 17 17	18°26'23	0♑ 5	5°40	16°54	27° 1	5°19	4°51	18°50	17°54	21°38	16°44	16°41	7°31	20° 1	S 10
M11	5 21 14	19°27'21	14°29	7°12	17° 3	26°51	5°33	4°56	18°47	17°53	21°37	16°44	16°38	7°38	20° 9	M11
T 12	5 25 10	20°28'18	28°30	8°44	17°13	26°40	5°46	5° 2	18°45	17°53	21°37	16°44	16°35	7°44	20°17	T 12
W13	5 29 7	21°29'17	12♒ 5	10°17	17°26	26°29	6° 0	5° 8	18°42	17°52	21°36	16°43	16°32	7°51	20°24	W13
T 14	5 33 3	22°30'16	25°15	11°49	17°42	26°17	6°14	5°14	18°40	17°52	21°35	16°43	16°28	7°58	20°32	T 14
F 15	5 37 0	23°31'16	8♓ 2	13°21	17°59	26° 4	6°27	5°20	18°37	17°51	21°35	16°42	16°25	8° 4	20°40	F 15
S 16	5 40 56	24°32'16	20°28	14°54	18°18	25°50	6°41	5°26	18°35	17°51	21°34	16°D42	16°22	8°11	20°47	S 16
S 17	5 44 53	25°33'17	2♈37	16°27	18°39	25°35	6°54	5°32	18°32	17°50	21°34	16°42	16°19	8°18	20°54	S 17
M18	5 48 49	26°34'18	14°36	18° 0	19° 2	25°20	7° 8	5°38	18°30	17°50	21°33	16°42	16°16	8°24	21° 2	M18
T 19	5 52 46	27°35'20	26°27	19°33	19°27	25° 4	7°22	5°44	18°27	17°50	21°32	16°43	16°13	8°31	21° 9	T 19
W20	5 56 43	28°36'22	8♉16	21° 6	19°53	24°47	7°36	5°50	18°25	17°49	21°31	16°44	16° 9	8°38	21°16	W20
T 21	6 0 39	29°37'25	20° 7	22°39	20°22	24°30	7°49	5°56	18°22	17°49	21°31	16°46	16° 6	8°44	21°24	T 21
F 22	6 4 36	0♑38'28	2♊ 3	24°13	20°51	24°11	8° 3	6° 2	18°20	17°49	21°30	16°47	16° 3	8°51	21°31	F 22
S 23	6 8 32	1°39'31	14° 8	25°47	21°23	23°53	8°17	6° 9	18°17	17°48	21°29	16°R47	16° 0	8°58	21°38	S 23
S 24	6 12 29	2°40'36	26°23	27°20	21°56	23°33	8°31	6°15	18°15	17°48	21°28	16°47	15°57	9° 4	21°45	S 24
M25	6 16 25	3°41'40	8♋50	28°54	22°30	23°13	8°45	6°21	18°12	17°48	21°27	16°46	15°53	9°11	21°52	M25
T 26	6 20 22	4°42'45	21°30	0♑28	23° 6	22°53	8°58	6°28	18°10	17°48	21°26	16°44	15°50	9°18	21°59	T 26
W27	6 24 18	5°43'51	4♌24	2° 3	23°43	22°31	9°12	6°34	18° 7	17°48	21°26	16°41	15°47	9°24	22° 6	W27
T 28	6 28 15	6°44'57	17°30	3°37	24°22	22°10	9°26	6°41	18° 5	17°48	21°25	16°38	15°44	9°31	22°13	T 28
F 29	6 32 12	7°46'03	0♍51	5°12	25° 2	21°48	9°40	6°47	18° 3	17°D48	21°24	16°35	15°41	9°38	22°20	F 29
S 30	6 36 8	8°47'11	14°23	6°47	25°43	21°25	9°54	6°54	18° 0	17°48	21°23	16°32	15°38	9°44	22°26	S 30
S 31	6 40 5	9♑48'18	28♍ 9	8♑23	26♏25	21♋ 3	10♑ 8	7♒ 0	17♊58	17♈48	21♌22	16♐31	15♐34	9♉51	22♏33	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	21s49	10n 7	4s45	16s42	1n40	17s 4	0s 3	23n 1	2n29	23s17	0n 6	19s45	0s33	23n 2	0n 3	5n33	1s38	21n54	8n 5	22s45	22s48	16n51	15s48	1n40	F 1
S 2	21 58	5 15	5 10	17 10	1 33	16 47	0n11	23 4	2 32	23 16	0 5	19 44	0 33	23 2	0 3	5 33	1 38	21 54	8 5	22 45	22 47	16 52	15 50	1 41	S 2
S 3	22 7	0 1	5 18	17 38	1 26	16 31	0 24	23 7	2 35	23 16	0 5	19 43	0 33	23 1	0 3	5 32	1 38	21 55	8 6	22 45	22 47	16 54	15 52	1 41	S 3
M 4	22 15	5s21	5 7	18 6	1 19	16 16	0 37	23 11	2 38	23 16	0 5	19 41	0 33	23 1	0 3	5 32	1 38	21 55	8 6	22 45	22 47	16 55	15 54	1 41	M 4
T 5	22 23	10 34	4 37	18 33	1 12	16 2	0 50	23 15	2 41	23 16	0 5	19 40	0 33	23 1	0 3	5 32	1 38	21 56	8 6	22 45	22 46	16 57	15 55	1 42	T 5
W 6	22 30	15 17	3 49	18 59	1 5	15 49	1 2	23 19	2 44	23 15	0 5	19 39	0 33	23 1	0 3	5 32	1 38	21 56	8 7	22 45	22 46	16 59	15 57	1 42	W 6
T 7	22 37	19 7	2 45	19 25	0 58	15 38	1 14	23 23	2 47	23 15	0 5	19 38	0 33	23 1	0 3	5 31	1 37	21 56	8 7	22 45	22 46	17 0	15 59	1 42	T 7
F 8	22 43	21 41	1 29	19 50	0 50	15 27	1 25	23 27	2 50	23 15	0 5	19 36	0 33	23 0	0 3	5 31	1 37	21 57	8 7	22 45	22 45	17 2	16 1	1 43	F 8
S 9	22 49	22 44	0 8	20 15	0 43	15 18	1 36	23 32	2 53	23 14	0 5	19 35	0 33	23 0	0 3	5 31	1 37	21 57	8 7	22 45	22 45	17 3	16 2	1 43	S 9
S 10	22 55	22 11	1n14	20 38	0 36	15 10	1 47	23 36	2 56	23 14	0 5	19 34	0 33	23 0	0 3	5 31	1 37	21 58	8 8	22 45	22 45	17 5	16 4	1 43	S 10
M11	23 0	20 10	2 28	21 1	0 29	15 3	1 56	23 41	2 58	23 13	0 5	19 33	0 33	23 0	0 3	5 31	1 37	21 58	8 8	22 45	22 45	17 6	16 6	1 44	M11
T 12	23 4	16 59	3 32	21 23	0 21	14 57	2 6	23 46	3 1	23 13	0 4	19 31	0 33	23 0	0 3	5 30	1 37	21 58	8 8	22 45	22 44	17 8	16 7	1 44	T 12
W13	23 8	12 58	4 22	21 44	0 14	14 51	2 15	23 51	3 4	23 12	0 4	19 30	0 33	22 59	0 3	5 30	1 37	21 59	8 9	22 45	22 44	17 9	16 9	1 44	W13
T 14	23 12	8 26	4 56	22 4	0 7	14 47	2 24	23 56	3 7	23 12	0 4	19 28	0 33	22 59	0 3	5 30	1 37	21 59	8 9	22 45	22 44	17 11	16 11	1 45	T 14
F 15	23 15	3 41	5 14	22 23	0s 0	14 44	2 32	24 1	3 10	23 11	0 4	19 27	0 33	22 59	0 3	5 30	1 37	22 0	8 9	22 45	22 43	17 12	16 12	1 45	F 15
S 16	23 18	1n 5	5 17	22 41	0 7	14 42	2 40	24 7	3 13	23 11	0 4	19 26	0 33	22 59	0 3	5 30	1 37	22 0	8 9	22 45	22 43	17 14	16 14	1 46	S 16
S 17	23 20	5 43	5 5	22 57	0 14	14 41	2 47	24 12	3 15	23 10	0 4	19 24	0 33	22 58	0 3	5 30	1 37	22 1	8 10	22 45	22 43	17 16	16 16	1 46	S 17
M18	23 22	10 4	4 41	23 13	0 21	14 40	2 54	24 18	3 18	23 9	0 4	19 23	0 33	22 58	0 3	5 30	1 37	22 1	8 10	22 45	22 42	17 17	16 17	1 46	M18
T 19	23 23	13 59	4 4	23 27	0 27	14 41	3 0	24 23	3 21	23 9	0 4	19 21	0 33	22 58	0 3	5 30	1 37	22 2	8 10	22 45	22 42	17 19	16 19	1 47	T 19
W20	23 24	17 22	3 18	23 41	0 34	14 42	3 7	24 29	3 23	23 8	0 4	19 20	0 33	22 58	0 3	5 29	1 37	22 2	8 11	22 45	22 42	17 20	16 20	1 47	W20
T 21	23 25	20 2	2 23	23 53	0 40	14 44	3 12	24 35	3 26	23 7	0 4	19 18	0 33	22 58	0 3	5 29	1 37	22 3	8 11	22 45	22 41	17 22	16 22	1 47	T 21
F 22	23 25	21 52	1 21	24 4	0 47	14 46	3 18	24 40	3 29	23 7	0 4	19 17	0 33	22 57	0 3	5 29	1 37	22 3	8 11	22 45	22 41	17 23	16 23	1 48	F 22
S 23	23 24	22 43	0 15	24 13	0 53	14 49	3 23	24 46	3 31	23 6	0 3	19 15	0 33	22 57	0 3	5 29	1 37	22 4	8 11	22 45	22 41	17 25	16 25	1 48	S 23
S 24	23 23	22 29	0s53	24 22	0 59	14 53	3 27	24 52	3 33	23 5	0 3	19 14	0 33	22 57	0 3	5 29	1 37	22 4	8 12	22 45	22 40	17 26	16 26	1 49	S 24
M25	23 22	21 8	1 59	24 29	1 4	14 58	3 32	24 58	3 36	23 4	0 3	19 12	0 33	22 57	0 3	5 29	1 37	22 5	8 12	22 45	22 40	17 27	16 27	1 49	M25
T 26	23 20	18 44	3 0	24 35	1 10	15 3	3 36	25 4	3 38	23 3	0 3	19 11	0 33	22 57	0 3	5 29	1 37	22 5	8 12	22 45	22 40	17 29	16 29	1 49	T 26
W27	23 17	15 21	3 54	24 39	1 15	15 8	3 39	25 9	3 40	23 3	0 3	19 9	0 34	22 56	0 3	5 29	1 37	22 6	8 12	22 45	22 39	17 30	16 30	1 50	W27
T 28	23 14	11 12	4 35	24 42	1 21	15 14	3 43	25 15	3 42	23 2	0 3	19 7	0 34	22 56	0 3	5 29	1 36	22 6	8 13	22 45	22 39	17 32	16 31	1 50	T 28
F 29	23 11	6 26	5 3	24 44	1 26	15 21	3 46	25 21	3 44	23 1	0 3	19 6	0 34	22 56	0 3	5 29	1 36	22 7	8 13	22 44	22 39	17 33	16 33	1 51	F 29
S 30	23 7	1 18	5 15	24 45	1 30	15 28	3 48	25 26	3 46	23 0	0 3	19 4	0 34	22 56	0 4	5 29	1 36	22 7	8 13	22 44	22 38	17 35	16 34	1 51	S 30
S 31	23s 3	3s59	5s 8	24s44	1s35	15s35	3n51	25n32	3n48	22s59	0n 3	19s 3	0s34	22n56	0n 4	5n30	1s36	22n 8	8n13	22s44	22s38	17n36	16s35	1n52	S 31

Julian Day Number = 2523832.5, Delta T = 160.97 sec
Ecliptic obliquity = 23°24'46, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°30'22, Lahiri = 26°37'22

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2198
geocentric

JANUARY 2198 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 44 1	10♑49'26	12♎ 6	9♑58	27♏ 8	20°R39	10♑21	7♒ 7	17°R56	17♈48	21°R21	16°D30	15♐31	9♉58	22♏40	M 1
T 2	6 47 58	11°50'35	26°14	11°34	27°52	20♋16	10°35	7°14	17♊53	17°48	21♌20	16♐31	15°28	10° 4	22°46	T 2
W 3	6 51 54	12°51'45	10♏31	13°11	28°38	19°52	10°49	7°20	17°51	17°48	21°19	16°32	15°25	10°11	22°52	W 3
T 4	6 55 51	13°52'54	24°56	14°47	29°24	19°29	11° 3	7°27	17°49	17°49	21°18	16°34	15°22	10°18	22°59	T 4
F 5	6 59 47	14°54'04	9♐25	16°24	0♐11	19° 5	11°17	7°34	17°47	17°49	21°16	16°R35	15°19	10°24	23° 5	F 5
S 6	7 3 44	15°55'15	23°52	18° 1	1° 0	18°41	11°31	7°41	17°45	17°49	21°15	16°35	15°15	10°31	23°11	S 6
S 7	7 7 41	16°56'25	8♑14	19°39	1°49	18°17	11°44	7°47	17°42	17°50	21°14	16°33	15°12	10°38	23°18	S 7
M 8	7 11 37	17°57'36	22°24	21°17	2°39	17°53	11°58	7°54	17°40	17°50	21°13	16°30	15° 9	10°44	23°24	M 8
T 9	7 15 34	18°58'47	6♒17	22°55	3°29	17°29	12°12	8° 1	17°38	17°50	21°12	16°25	15° 6	10°51	23°30	T 9
W10	7 19 30	19°59'57	19°51	24°34	4°21	17° 5	12°26	8° 8	17°36	17°51	21°11	16°20	15° 3	10°58	23°36	W10
T 11	7 23 27	21° 1'07	3♓ 3	26°13	5°13	16°42	12°40	8°15	17°34	17°51	21°10	16°14	14°59	11° 4	23°42	T 11
F 12	7 27 23	22° 2'16	15°52	27°52	6° 6	16°18	12°54	8°22	17°32	17°52	21° 8	16° 8	14°56	11°11	23°47	F 12
S 13	7 31 20	23° 3'25	28°22	29°32	6°59	15°55	13° 7	8°29	17°30	17°52	21° 7	16° 4	14°53	11°18	23°53	S 13
S 14	7 35 17	24° 4'34	10♈34	1♒12	7°53	15°32	13°21	8°36	17°28	17°53	21° 6	16° 1	14°50	11°24	23°59	S 14
M15	7 39 13	25° 5'42	22°33	2°52	8°48	15°10	13°35	8°43	17°26	17°53	21° 5	16°D 0	14°47	11°31	24° 4	M15
T 16	7 43 10	26° 6'49	4♉25	4°33	9°44	14°48	13°49	8°50	17°25	17°54	21° 3	16° 0	14°44	11°38	24°10	T 16
W17	7 47 6	27° 7'56	16°14	6°14	10°40	14°27	14° 2	8°57	17°23	17°55	21° 2	16° 2	14°40	11°44	24°15	W17
T 18	7 51 3	28° 9'02	28° 5	7°55	11°36	14° 6	14°16	9° 4	17°21	17°55	21° 1	16° 3	14°37	11°51	24°20	T 18
F 19	7 54 59	29°10'08	10♊ 4	9°36	12°33	13°45	14°30	9°11	17°19	17°56	20°59	16°R 5	14°34	11°58	24°26	F 19
S 20	7 58 56	0♒11'12	22°14	11°17	13°31	13°25	14°43	9°18	17°18	17°57	20°58	16° 5	14°31	12° 4	24°31	S 20
S 21	8 2 52	1°12'17	4♋39	12°57	14°29	13° 6	14°57	9°25	17°16	17°58	20°57	16° 3	14°28	12°11	24°36	S 21
M22	8 6 49	2°13'20	17°21	14°38	15°28	12°47	15°10	9°32	17°14	17°58	20°56	15°59	14°25	12°18	24°41	M22
T 23	8 10 46	3°14'23	0♌21	16°18	16°27	12°29	15°24	9°40	17°13	17°59	20°54	15°52	14°21	12°24	24°45	T 23
W24	8 14 42	4°15'25	13°39	17°57	17°26	12°11	15°38	9°47	17°11	18° 0	20°53	15°45	14°18	12°31	24°50	W24
T 25	8 18 39	5°16'27	27°13	19°36	18°26	11°55	15°51	9°54	17°10	18° 1	20°51	15°36	14°15	12°38	24°55	T 25
F 26	8 22 35	6°17'28	10♍59	21°13	19°27	11°39	16° 5	10° 1	17° 8	18° 2	20°50	15°27	14°12	12°44	24°59	F 26
S 27	8 26 32	7°18'28	24°55	22°49	20°28	11°23	16°18	10° 8	17° 7	18° 3	20°49	15°19	14° 9	12°51	25° 4	S 27
S 28	8 30 28	8°19'28	8♎57	24°23	21°29	11° 9	16°31	10°15	17° 6	18° 4	20°47	15°14	14° 5	12°58	25° 8	S 28
M29	8 34 25	9°20'27	23° 3	25°55	22°30	10°55	16°45	10°22	17° 4	18° 5	20°46	15°10	14° 2	13° 4	25°13	M29
T 30	8 38 21	10°21'26	7♏ 9	27°24	23°32	10°42	16°58	10°30	17° 3	18° 6	20°44	15°D 9	13°59	13°11	25°17	T 30
W31	8 42 18	11♒22'24	21♏16	28♒49	24♐35	10♋29	17♑11	10♒37	17♊ 2	18♈ 7	20♌43	15♐ 9	13♐56	13♉18	25♏21	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22s58	9s 8	4s44	24s41	1s39	15s43	3n53	25n37	3n50	22s58	0n 3	19s 1	0s34	22n55	0n 4	5n30	1s36	22n 9	8n13	22s44	22s38	17n38	16s37	1n52
T 2	22 53	13 53	4 3	24 37	1 43	15 51	3 55	25 42	3 52	22 57	0 2	18 59	0 34	22 55	0 4	5 30	1 36	22 9	8 14	22 44	22 37	17 39	16 38	1 52
W 3	22 48	17 54	3 5	24 32	1 47	15 59	3 57	25 48	3 53	22 56	0 2	18 58	0 34	22 55	0 4	5 30	1 36	22 10	8 14	22 44	22 37	17 41	16 39	1 53
T 4	22 41	20 52	1 56	24 25	1 50	16 7	3 58	25 53	3 55	22 55	0 2	18 56	0 34	22 55	0 4	5 30	1 36	22 10	8 14	22 44	22 37	17 42	16 40	1 53
F 5	22 35	22 29	0 39	24 17	1 54	16 16	3 59	25 57	3 56	22 54	0 2	18 54	0 34	22 55	0 4	5 30	1 36	22 11	8 14	22 44	22 36	17 43	16 41	1 54
S 6	22 28	22 36	0n40	24 8	1 57	16 25	4 0	26 2	3 58	22 53	0 2	18 53	0 34	22 54	0 4	5 30	1 36	22 11	8 15	22 44	22 36	17 45	16 42	1 54
S 7	22 20	21 14	1 56	23 56	1 59	16 34	4 1	26 7	3 59	22 52	0 2	18 51	0 34	22 54	0 4	5 30	1 36	22 12	8 15	22 44	22 36	17 46	16 44	1 55
M 8	22 13	18 32	3 4	23 44	2 1	16 43	4 2	26 11	4 0	22 51	0 2	18 49	0 34	22 54	0 4	5 31	1 36	22 13	8 15	22 44	22 35	17 48	16 45	1 55
T 9	22 4	14 49	3 59	23 30	2 3	16 52	4 2	26 15	4 1	22 49	0 2	18 48	0 34	22 54	0 4	5 31	1 36	22 13	8 15	22 43	22 35	17 49	16 46	1 55
W10	21 55	10 25	4 39	23 14	2 5	17 1	4 2	26 19	4 2	22 48	0 2	18 46	0 34	22 54	0 4	5 31	1 36	22 14	8 15	22 43	22 34	17 51	16 47	1 56
T 11	21 46	5 39	5 3	22 57	2 6	17 11	4 2	26 23	4 3	22 47	0 2	18 44	0 34	22 54	0 4	5 31	1 36	22 14	8 16	22 42	22 34	17 52	16 48	1 56
F 12	21 37	0 47	5 12	22 38	2 7	17 20	4 1	26 27	4 3	22 46	0 2	18 42	0 34	22 53	0 4	5 31	1 36	22 15	8 16	22 42	22 34	17 53	16 49	1 57
S 13	21 27	4n 0	5 4	22 18	2 7	17 29	4 1	26 30	4 4	22 45	0 1	18 41	0 34	22 53	0 4	5 32	1 36	22 15	8 16	22 41	22 33	17 55	16 50	1 57
S 14	21 16	8 31	4 44	21 56	2 7	17 39	4 0	26 33	4 4	22 43	0 1	18 39	0 34	22 53	0 4	5 32	1 36	22 16	8 16	22 41	22 33	17 56	16 51	1 58
M15	21 5	12 38	4 11	21 33	2 7	17 48	3 59	26 36	4 5	22 42	0 1	18 37	0 34	22 53	0 4	5 32	1 36	22 17	8 16	22 41	22 33	17 58	16 51	1 58
T 16	20 54	16 14	3 27	21 8	2 6	17 57	3 58	26 39	4 5	22 41	0 1	18 35	0 35	22 53	0 4	5 33	1 35	22 17	8 17	22 41	22 32	17 59	16 52	1 59
W17	20 43	19 9	2 35	20 42	2 4	18 6	3 57	26 41	4 5	22 39	0 1	18 33	0 35	22 53	0 4	5 33	1 35	22 18	8 17	22 41	22 32	18 0	16 53	1 59
T 18	20 31	21 16	1 36	20 14	2 2	18 15	3 56	26 44	4 5	22 38	0 1	18 32	0 35	22 52	0 4	5 33	1 35	22 18	8 17	22 41	22 32	18 2	16 54	2 0
F 19	20 18	22 28	0 33	19 45	2 0	18 24	3 54	26 46	4 5	22 37	0 1	18 30	0 35	22 52	0 4	5 33	1 35	22 19	8 17	22 41	22 31	18 3	16 55	2 0
S 20	20 5	22 38	0s33	19 15	1 57	18 33	3 53	26 48	4 5	22 35	0 1	18 28	0 35	22 52	0 4	5 34	1 35	22 20	8 17	22 41	22 31	18 4	16 56	2 1
S 21	19 52	21 41	1 39	18 43	1 53	18 42	3 51	26 50	4 5	22 34	0 1	18 26	0 35	22 52	0 4	5 34	1 35	22 20	8 17	22 41	22 31	18 6	16 56	2 1
M22	19 39	19 38	2 41	18 9	1 48	18 50	3 49	26 51	4 4	22 32	0 1	18 24	0 35	22 52	0 4	5 35	1 35	22 21	8 18	22 41	22 30	18 7	16 57	2 2
T 23	19 25	16 32	3 36	17 35	1 43	18 58	3 47	26 53	4 4	22 31	0 0	18 22	0 35	22 52	0 4	5 35	1 35	22 21	8 18	22 40	22 30	18 8	16 58	2 2
W24	19 10	12 33	4 20	16 59	1 38	19 6	3 44	26 54	4 4	22 30	0 0	18 21	0 35	22 51	0 4	5 35	1 35	22 22	8 18	22 39	22 29	18 10	16 58	2 3
T 25	18 56	7 52	4 51	16 22	1 31	19 13	3 42	26 55	4 3	22 28	0 0	18 19	0 35	22 51	0 4	5 36	1 35	22 23	8 18	22 38	22 29	18 11	16 59	2 3
F 26	18 41	2 43	5 6	15 44	1 24	19 21	3 40	26 56	4 2	22 27	0 0	18 17	0 35	22 51	0 4	5 36	1 35	22 23	8 18	22 37	22 29	18 12	17 0	2 4
S 27	18 25	2s37	5 2	15 6	1 16	19 28	3 37	26 56	4 2	22 25	0 0	18 15	0 35	22 51	0 4	5 36	1 35	22 24	8 18	22 36	22 28	18 14	17 0	2 4
S 28	18 10	7 51	4 41	14 26	1 7	19 35	3 34	26 57	4 1	22 24	0 0	18 13	0 35	22 51	0 4	5 37	1 35	22 24	8 18	22 36	22 28	18 15	17 1	2 5
M29	17 54	12 42	4 3	13 46	0 58	19 41	3 31	26 57	4 0	22 22	0s 0	18 11	0 35	22 51	0 4	5 37	1 35	22 25	8 19	22 35	22 28	18 16	17 1	2 5
T 30	17 38	16 52	3 9	13 6	0 47	19 47	3 28	26 57	3 59	22 20	0 0	18 9	0 35	22 51	0 4	5 38	1 35	22 25	8 19	22 35	22 27	18 18	17 2	2 6
W31	17s21	20s 4	2s 5	12s26	0s36	19s53	3n25	26n57	3n58	22s19	0s 0	18s 8	0s36	22n51	0n 4	5n38	1s35	22n26	8n19	22s35	22s27	18n19	17s 2	2n 6

Julian Day Number = 2523863.5, Delta T = 161.06 sec
Ecliptic obliquity = 23°24'46, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°30'26, Lahiri = 26°37'27

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2198
geocentric

FEBRUARY 2198 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 46 15	12♒23'22	5♐21	0♓11	25♐37	10°R18	17♑25	10♒44	17°R 1	18♈ 8	20°R42	15♐10	13♐53	13♉24	25♏25	T 1
F 2	8 50 11	13°24'19	19°24	1°28	26°40	10♋ 7	17°38	10°51	17♊ 0	18°10	20♌40	15°R10	13°50	13°31	25°29	F 2
S 3	8 54 8	14°25'16	3♑24	2°40	27°44	9°57	17°51	10°58	16°59	18°11	20°39	15° 9	13°46	13°38	25°33	S 3
S 4	8 58 4	15°26'12	17°17	3°46	28°47	9°48	18° 4	11° 5	16°57	18°12	20°37	15° 5	13°43	13°44	25°36	S 4
M 5	9 2 1	16°27'06	1♒ 2	4°45	29°51	9°40	18°17	11°12	16°57	18°13	20°36	14°58	13°40	13°51	25°40	M 5
T 6	9 5 57	17°28'00	14°36	5°36	0♑55	9°32	18°30	11°20	16°56	18°15	20°34	14°48	13°37	13°58	25°44	T 6
W 7	9 9 54	18°28'53	27°55	6°19	2° 0	9°25	18°43	11°27	16°55	18°16	20°33	14°37	13°34	14° 4	25°47	W 7
T 8	9 13 50	19°29'44	10♓57	6°53	3° 4	9°20	18°56	11°34	16°54	18°17	20°32	14°25	13°31	14°11	25°50	T 8
F 9	9 17 47	20°30'34	23°41	7°17	4° 9	9°14	19° 9	11°41	16°53	18°19	20°30	14°14	13°27	14°18	25°53	F 9
S 10	9 21 44	21°31'23	6♈ 9	7°30	5°15	9°10	19°22	11°48	16°52	18°20	20°29	14° 3	13°24	14°24	25°56	S 10
S 11	9 25 40	22°32'10	18°20	7°R33	6°20	9° 7	19°35	11°55	16°52	18°21	20°27	13°56	13°21	14°31	25°59	S 11
M12	9 29 37	23°32'56	0♉20	7°25	7°26	9° 4	19°47	12° 2	16°51	18°23	20°26	13°50	13°18	14°38	26° 2	M12
T 13	9 33 33	24°33'40	12°11	7° 6	8°31	9° 2	20° 0	12° 9	16°51	18°24	20°24	13°48	13°15	14°44	26° 5	T 13
W14	9 37 30	25°34'23	23°59	6°37	9°38	9° 1	20°13	12°16	16°50	18°26	20°23	13°D47	13°11	14°51	26° 8	W14
T 15	9 41 26	26°35'05	5♊50	5°58	10°44	9°D 1	20°25	12°23	16°50	18°27	20°22	13°47	13° 8	14°58	26°10	T 15
F 16	9 45 23	27°35'44	17°48	5°10	11°50	9° 1	20°38	12°30	16°49	18°29	20°20	13°R47	13° 5	15° 4	26°13	F 16
S 17	9 49 19	28°36'22	29°59	4°15	12°57	9° 2	20°50	12°37	16°49	18°31	20°19	13°46	13° 2	15°11	26°15	S 17
S 18	9 53 16	29°36'59	12♋29	3°13	14° 4	9° 4	21° 2	12°44	16°49	18°32	20°17	13°43	12°59	15°18	26°17	S 18
M19	9 57 13	0♓37'33	25°20	2° 8	15°11	9° 7	21°15	12°51	16°48	18°34	20°16	13°37	12°56	15°24	26°19	M19
T 20	10 1 9	1°38'06	8♌34	1° 0	16°18	9°10	21°27	12°58	16°48	18°36	20°14	13°28	12°52	15°31	26°21	T 20
W21	10 5 6	2°38'38	22°12	29♒52	17°25	9°14	21°39	13° 5	16°48	18°37	20°13	13°17	12°49	15°38	26°23	W21
T 22	10 9 2	3°39'07	6♍10	28°44	18°33	9°19	21°51	13°12	16°48	18°39	20°12	13° 5	12°46	15°44	26°25	T 22
F 23	10 12 59	4°39'36	20°24	27°40	19°40	9°24	22° 3	13°19	16°D48	18°41	20°10	12°53	12°43	15°51	26°27	F 23
S 24	10 16 55	5°40'02	4♎49	26°39	20°48	9°30	22°15	13°25	16°48	18°42	20° 9	12°42	12°40	15°58	26°28	S 24
S 25	10 20 52	6°40'27	19°17	25°44	21°56	9°37	22°27	13°32	16°48	18°44	20° 7	12°33	12°36	16° 4	26°30	S 25
M26	10 24 48	7°40'51	3♏43	24°55	23° 5	9°44	22°39	13°39	16°48	18°46	20° 6	12°27	12°33	16°11	26°31	M26
T 27	10 28 45	8°41'14	18° 3	24°12	24°13	9°52	22°50	13°46	16°48	18°48	20° 5	12°24	12°30	16°18	26°32	T 27
W28	10 32 41	9♓41'35	2♐14	23♒37	25♑21	10♋ 0	23♑ 2	13♒52	16♊49	18♈50	20♌ 3	12♐23	12♐27	16♉24	26♏33	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	17s 4	22s 2	0s52	11s46	0s24	19s58	3n22	26n57	3n57	22s17	0s 0	18s 6	0s36	22n51	0n 4	5n39	1s35	22n27	8n19	22s35	22s26	18n20	17s 3	2n 7	
F 2	16 47	22 37	0n23	11 6	0 11	20 3	3 19	26 57	3 56	22 16	0 0	18 4	0 36	22 50	0 4	5 39	1 35	22 27	8 19	22 35	22 26	18 22	17 3	2 7	
S 3	16 29	21 46	1 36	10 28	0n 3	20 8	3 16	26 57	3 55	22 14	0 1	18 2	0 36	22 50	0 4	5 40	1 35	22 28	8 19	22 35	22 26	18 23	17 4	2 8	
S 4	16 11	19 36	2 43	9 51	0 17	20 12	3 12	26 56	3 54	22 12	0 1	18 0	0 36	22 50	0 4	5 40	1 35	22 28	8 19	22 35	22 25	18 24	17 4	2 8	
M 5	15 53	16 20	3 39	9 15	0 33	20 16	3 9	26 56	3 52	22 11	0 1	17 58	0 36	22 50	0 4	5 41	1 35	22 29	8 19	22 34	22 25	18 25	17 4	2 9	
T 6	15 35	12 15	4 22	8 42	0 48	20 19	3 5	26 55	3 51	22 9	0 1	17 56	0 36	22 50	0 4	5 41	1 35	22 29	8 19	22 33	22 25	18 27	17 5	2 9	
W 7	15 16	7 38	4 50	8 11	1 5	20 22	3 2	26 54	3 50	22 7	0 1	17 54	0 36	22 50	0 4	5 42	1 34	22 30	8 19	22 32	22 24	18 28	17 5	2 10	
T 8	14 57	2 47	5 2	7 43	1 21	20 24	2 58	26 53	3 49	22 6	0 1	17 52	0 36	22 50	0 4	5 42	1 34	22 31	8 20	22 30	22 24	18 29	17 5	2 10	
F 9	14 38	2n 4	4 59	7 19	1 38	20 26	2 54	26 52	3 47	22 4	0 1	17 51	0 36	22 50	0 4	5 43	1 34	22 31	8 20	22 29	22 23	18 31	17 5	2 11	
S 10	14 19	6 44	4 41	6 58	1 55	20 28	2 51	26 51	3 46	22 2	0 1	17 49	0 36	22 50	0 4	5 44	1 34	22 32	8 20	22 28	22 23	18 32	17 6	2 11	
S 11	13 59	11 3	4 11	6 42	2 11	20 29	2 47	26 50	3 44	22 0	0 1	17 47	0 36	22 50	0 4	5 44	1 34	22 32	8 20	22 27	22 23	18 33	17 6	2 12	
M12	13 39	14 51	3 30	6 30	2 27	20 30	2 43	26 49	3 43	21 59	0 1	17 45	0 36	22 50	0 4	5 45	1 34	22 33	8 20	22 26	22 22	18 34	17 6	2 12	
T 13	13 19	18 1	2 40	6 23	2 42	20 30	2 39	26 47	3 42	21 57	0 2	17 43	0 36	22 50	0 4	5 45	1 34	22 33	8 20	22 26	22 22	18 36	17 6	2 13	
W14	12 59	20 25	1 43	6 20	2 56	20 29	2 35	26 46	3 40	21 55	0 2	17 41	0 37	22 50	0 4	5 46	1 34	22 34	8 20	22 26	22 21	18 37	17 6	2 13	
T 15	12 38	21 57	0 42	6 23	3 9	20 28	2 31	26 44	3 39	21 53	0 2	17 39	0 37	22 50	0 4	5 47	1 34	22 34	8 20	22 26	22 21	18 38	17 6	2 14	
F 16	12 18	22 30	0s21	6 30	3 20	20 27	2 27	26 43	3 37	21 52	0 2	17 37	0 37	22 50	0 4	5 47	1 34	22 35	8 20	22 26	22 21	18 39	17 6	2 15	
S 17	11 57	22 0	1 25	6 42	3 29	20 25	2 23	26 41	3 35	21 50	0 2	17 35	0 37	22 49	0 4	5 48	1 34	22 35	8 20	22 26	22 20	18 40	17 6	2 15	
S 18	11 36	20 24	2 26	6 57	3 36	20 23	2 18	26 40	3 34	21 48	0 2	17 34	0 37	22 49	0 4	5 48	1 34	22 36	8 20	22 25	22 20	18 42	17 6	2 16	
M19	11 14	17 45	3 21	7 16	3 40	20 20	2 14	26 38	3 32	21 46	0 2	17 32	0 37	22 49	0 4	5 49	1 34	22 36	8 20	22 25	22 19	18 43	17 6	2 16	
T 20	10 53	14 7	4 7	7 38	3 43	20 16	2 10	26 36	3 31	21 45	0 2	17 30	0 37	22 49	0 4	5 50	1 34	22 37	8 20	22 23	22 19	18 44	17 6	2 17	
W21	10 31	9 40	4 41	8 2	3 42	20 12	2 6	26 34	3 29	21 43	0 2	17 28	0 37	22 49	0 4	5 50	1 34	22 37	8 20	22 22	22 19	18 45	17 6	2 17	
T 22	10 9	4 37	4 58	8 27	3 40	20 8	2 1	26 32	3 28	21 41	0 2	17 26	0 37	22 49	0 4	5 51	1 34	22 38	8 20	22 21	22 18	18 47	17 6	2 18	
F 23	9 47	0s46	4 58	8 54	3 36	20 3	1 57	26 30	3 26	21 39	0 3	17 24	0 37	22 49	0 4	5 52	1 34	22 38	8 20	22 19	22 18	18 48	17 6	2 18	
S 24	9 25	6 10	4 39	9 20	3 29	19 57	1 53	26 28	3 25	21 37	0 3	17 22	0 37	22 49	0 4	5 52	1 34	22 39	8 20	22 18	22 17	18 49	17 5	2 19	
S 25	9 3	11 16	4 2	9 46	3 21	19 51	1 48	26 26	3 23	21 35	0 3	17 20	0 38	22 49	0 4	5 53	1 34	22 39	8 20	22 17	22 17	18 50	17 5	2 20	
M26	8 41	15 42	3 9	10 12	3 11	19 44	1 44	26 24	3 21	21 34	0 3	17 19	0 38	22 49	0 4	5 54	1 34	22 40	8 20	22 16	22 17	18 51	17 5	2 20	
T 27	8 18	19 11	2 5	10 36	3 1	19 37	1 40	26 22	3 20	21 32	0 3	17 17	0 38	22 49	0 4	5 55	1 34	22 40	8 20	22 15	22 16	18 52	17 5	2 21	
W28	7s56	21s27	0s53	10s59	2n49	19s29	1n35	26n20	3n18	21s30	0s 3	17s15	0s38	22n50	0n 4	5n55	1s34	22n40	8n20	22s15	22s16	18n54	17s 4	2n21	

Julian Day Number = 2523894.5, Delta T = 161.14 sec
Ecliptic obliquity = 23°24'46, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°30'31, Lahiri = 26°37'31

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2198
geocentric

MARCH 2198 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 36 38	10♓41'55	16♐14	23°R 9	26♑30	10♋10	23♑13	13♒59	16♊49	18♈52	20°R 2	12°R23	12♐24	16♉31	26♏34	T 1
F 2	10 40 35	11°42'14	0♑ 4	22♒48	27°39	10°19	23°25	14° 6	16°49	18°53	20♌ 1	12♐23	12°21	16°38	26°35	F 2
S 3	10 44 31	12°42'31	13°44	22°34	28°47	10°30	23°36	14°12	16°50	18°55	19°59	12°20	12°17	16°44	26°36	S 3
S 4	10 48 28	13°42'46	27°14	22°D28	29°56	10°40	23°48	14°19	16°50	18°57	19°58	12°15	12°14	16°51	26°37	S 4
M 5	10 52 24	14°43'00	10♒33	22°28	1♒ 5	10°52	23°59	14°25	16°51	18°59	19°57	12° 7	12°11	16°58	26°37	M 5
T 6	10 56 21	15°43'13	23°42	22°34	2°15	11° 4	24°10	14°32	16°51	19° 1	19°56	11°56	12° 8	17° 4	26°38	T 6
W 7	11 0 17	16°43'23	6♓40	22°47	3°24	11°16	24°21	14°38	16°52	19° 3	19°54	11°43	12° 5	17°11	26°38	W 7
T 8	11 4 14	17°43'32	19°25	23° 5	4°33	11°29	24°32	14°45	16°53	19° 5	19°53	11°29	12° 2	17°18	26°38	T 8
F 9	11 8 10	18°43'39	1♈56	23°28	5°43	11°43	24°43	14°51	16°53	19° 7	19°52	11°16	11°58	17°24	26°R38	F 9
S 10	11 12 7	19°43'44	14°15	23°57	6°52	11°57	24°53	14°57	16°54	19° 9	19°51	11° 4	11°55	17°31	26°38	S 10
S 11	11 16 4	20°43'47	26°21	24°30	8° 2	12°11	25° 4	15° 4	16°55	19°11	19°49	10°54	11°52	17°38	26°38	S 11
M12	11 20 0	21°43'48	8♉18	25° 7	9°12	12°26	25°14	15°10	16°56	19°13	19°48	10°47	11°49	17°44	26°38	M12
T 13	11 23 57	22°43'47	20° 7	25°49	10°22	12°42	25°25	15°16	16°57	19°15	19°47	10°43	11°46	17°51	26°37	T 13
W14	11 27 53	23°43'44	1♊54	26°34	11°31	12°58	25°35	15°22	16°58	19°17	19°46	10°41	11°42	17°58	26°37	W14
T 15	11 31 50	24°43'39	13°43	27°23	12°41	13°14	25°45	15°28	16°59	19°19	19°45	10°D41	11°39	18° 4	26°36	T 15
F 16	11 35 46	25°43'32	25°40	28°15	13°52	13°31	25°55	15°34	17° 0	19°22	19°44	10°R41	11°36	18°11	26°36	F 16
S 17	11 39 43	26°43'22	7♋50	29°10	15° 2	13°48	26° 5	15°40	17° 1	19°24	19°42	10°40	11°33	18°18	26°35	S 17
S 18	11 43 39	27°43'11	20°18	0♓ 8	16°12	14° 6	26°15	15°46	17° 2	19°26	19°41	10°38	11°30	18°24	26°34	S 18
M19	11 47 36	28°42'57	3♌10	1° 9	17°22	14°24	26°25	15°52	17° 3	19°28	19°40	10°34	11°27	18°31	26°33	M19
T 20	11 51 33	29°42'40	16°27	2°12	18°33	14°42	26°35	15°58	17° 5	19°30	19°39	10°27	11°23	18°38	26°32	T 20
W21	11 55 29	0♈42'22	0♍13	3°18	19°43	15° 1	26°44	16° 4	17° 6	19°32	19°38	10°17	11°20	18°44	26°31	W21
T 22	11 59 26	1°42'01	14°24	4°26	20°54	15°20	26°54	16°10	17° 7	19°34	19°37	10° 7	11°17	18°51	26°29	T 22
F 23	12 3 22	2°41'38	28°57	5°36	22° 4	15°40	27° 3	16°15	17° 9	19°37	19°36	9°56	11°14	18°57	26°28	F 23
S 24	12 7 19	3°41'14	13♎45	6°48	23°15	16° 0	27°12	16°21	17°10	19°39	19°35	9°46	11°11	19° 4	26°26	S 24
S 25	12 11 15	4°40'47	28°39	8° 3	24°26	16°20	27°21	16°26	17°12	19°41	19°34	9°39	11° 7	19°11	26°25	S 25
M26	12 15 12	5°40'18	13♏30	9°19	25°36	16°41	27°30	16°32	17°13	19°43	19°33	9°34	11° 4	19°17	26°23	M26
T 27	12 19 8	6°39'48	28°12	10°37	26°47	17° 2	27°39	16°37	17°15	19°45	19°32	9°31	11° 1	19°24	26°21	T 27
W28	12 23 5	7°39'16	12♐39	11°57	27°58	17°23	27°48	16°43	17°17	19°48	19°32	9°D31	10°58	19°31	26°19	W28
T 29	12 27 2	8°38'42	26°49	13°18	29° 9	17°45	27°57	16°48	17°18	19°50	19°31	9°31	10°55	19°37	26°17	T 29
F 30	12 30 58	9°38'07	10♑40	14°41	0♓20	18° 7	28° 5	16°53	17°20	19°52	19°30	9°R32	10°52	19°44	26°15	F 30
S 31	12 34 55	10♈37'30	24♑13	16♓ 6	1♓31	18♋29	28♑13	16♒59	17♊22	19♈54	19♌29	9♐31	10♐48	19♉51	26♏13	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s33	22s22	0n20	11s20	2n36	19s21	1n31	26n18	3n17	21s28	0s 3	17s13	0s38	22n50	0n 4	5n56	1s34	22n41	8n20	22s15	22s15	18n55	17s 4	2n22
F 2	7 10	21 53	1 32	11 39	2 23	19 12	1 27	26 15	3 15	21 26	0 3	17 11	0 38	22 50	0 4	5 57	1 34	22 41	8 20	22 15	22 15	18 56	17 4	2 22
S 3	6 47	20 6	2 37	11 56	2 10	19 2	1 22	26 13	3 14	21 25	0 3	17 9	0 38	22 50	0 4	5 58	1 34	22 42	8 20	22 15	22 15	18 57	17 3	2 23
S 4	6 24	17 12	3 33	12 11	1 56	18 52	1 18	26 11	3 12	21 23	0 4	17 8	0 38	22 50	0 4	5 58	1 34	22 42	8 20	22 14	22 14	18 58	17 3	2 23
M 5	6 1	13 27	4 16	12 24	1 42	18 42	1 13	26 8	3 11	21 21	0 4	17 6	0 38	22 50	0 4	5 59	1 34	22 43	8 20	22 13	22 14	18 59	17 3	2 24
T 6	5 37	9 7	4 45	12 35	1 29	18 31	1 9	26 5	3 9	21 19	0 4	17 4	0 38	22 50	0 4	6 0	1 34	22 43	8 20	22 12	22 13	19 1	17 2	2 25
W 7	5 14	4 25	4 59	12 44	1 15	18 19	1 5	26 3	3 7	21 17	0 4	17 2	0 39	22 50	0 4	6 1	1 34	22 43	8 20	22 10	22 13	19 2	17 2	2 25
T 8	4 51	0n22	4 57	12 50	1 2	18 7	1 0	26 0	3 6	21 15	0 4	17 0	0 39	22 50	0 4	6 1	1 33	22 44	8 20	22 8	22 12	19 3	17 1	2 26
F 9	4 27	5 4	4 41	12 55	0 49	17 55	0 56	25 58	3 4	21 14	0 4	16 59	0 39	22 50	0 4	6 2	1 33	22 44	8 20	22 6	22 12	19 4	17 1	2 26
S 10	4 4	9 29	4 12	12 58	0 36	17 42	0 52	25 55	3 3	21 12	0 4	16 57	0 39	22 50	0 4	6 3	1 33	22 44	8 20	22 5	22 12	19 5	17 0	2 27
S 11	3 40	13 27	3 32	12 59	0 23	17 28	0 48	25 52	3 1	21 10	0 4	16 55	0 39	22 50	0 4	6 4	1 33	22 45	8 20	22 3	22 11	19 6	16 59	2 27
M12	3 17	16 49	2 43	12 58	0 11	17 14	0 43	25 49	3 0	21 8	0 4	16 53	0 39	22 50	0 4	6 5	1 33	22 45	8 20	22 2	22 11	19 7	16 59	2 28
T 13	2 53	19 28	1 47	12 55	0s 1	17 0	0 39	25 46	2 58	21 6	0 5	16 52	0 39	22 50	0 4	6 5	1 33	22 45	8 20	22 2	22 10	19 8	16 58	2 29
W14	2 29	21 17	0 46	12 50	0 12	16 45	0 35	25 43	2 57	21 5	0 5	16 50	0 39	22 50	0 4	6 6	1 33	22 46	8 20	22 1	22 10	19 9	16 58	2 29
T 15	2 6	22 9	0s16	12 43	0 23	16 29	0 31	25 40	2 55	21 3	0 5	16 48	0 39	22 51	0 4	6 7	1 33	22 46	8 20	22 1	22 9	19 11	16 57	2 30
F 16	1 42	22 2	1 19	12 35	0 33	16 13	0 27	25 37	2 54	21 1	0 5	16 47	0 39	22 51	0 4	6 8	1 33	22 46	8 20	22 1	22 9	19 12	16 56	2 30
S 17	1 18	20 52	2 19	12 25	0 43	15 57	0 23	25 34	2 53	20 59	0 5	16 45	0 40	22 51	0 4	6 9	1 33	22 47	8 20	22 1	22 9	19 13	16 55	2 31
S 18	0 54	18 41	3 14	12 14	0 53	15 40	0 19	25 30	2 51	20 58	0 5	16 43	0 40	22 51	0 4	6 9	1 33	22 47	8 20	22 1	22 8	19 14	16 55	2 31
M19	0 31	15 31	4 1	12 1	1 2	15 23	0 15	25 27	2 50	20 56	0 5	16 42	0 40	22 51	0 4	6 10	1 33	22 47	8 20	22 0	22 8	19 15	16 54	2 32
T 20	0 7	11 29	4 37	11 46	1 10	15 5	0 11	25 23	2 48	20 54	0 5	16 40	0 40	22 51	0 4	6 11	1 33	22 48	8 19	21 59	22 7	19 16	16 53	2 32
W21	0n17	6 44	4 58	11 30	1 19	14 47	0 7	25 20	2 47	20 52	0 5	16 38	0 40	22 51	0 4	6 12	1 33	22 48	8 19	21 58	22 7	19 17	16 52	2 33
T 22	0 41	1 29	5 2	11 13	1 26	14 28	0 3	25 16	2 45	20 51	0 6	16 37	0 40	22 51	0 4	6 13	1 33	22 48	8 19	21 56	22 6	19 18	16 51	2 34
F 23	1 4	3s58	4 46	10 54	1 34	14 9	0s 1	25 13	2 44	20 49	0 6	16 35	0 40	22 52	0 4	6 13	1 33	22 48	8 19	21 55	22 6	19 19	16 51	2 34
S 24	1 28	9 17	4 12	10 33	1 40	13 50	0 5	25 9	2 43	20 47	0 6	16 34	0 40	22 52	0 4	6 14	1 33	22 49	8 19	21 53	22 6	19 20	16 50	2 35
S 25	1 51	14 5	3 20	10 12	1 47	13 30	0 8	25 5	2 41	20 46	0 6	16 32	0 40	22 52	0 4	6 15	1 33	22 49	8 19	21 52	22 5	19 21	16 49	2 35
M26	2 15	18 0	2 14	9 48	1 53	13 10	0 12	25 1	2 40	20 44	0 6	16 31	0 41	22 52	0 4	6 16	1 33	22 49	8 19	21 52	22 5	19 22	16 48	2 36
T 27	2 39	20 43	1 0	9 24	1 58	12 49	0 16	24 57	2 39	20 42	0 6	16 29	0 41	22 52	0 4	6 17	1 33	22 49	8 19	21 51	22 4	19 23	16 47	2 36
W28	3 2	22 1	0n17	8 58	2 3	12 28	0 19	24 53	2 37	20 41	0 6	16 28	0 41	22 52	0 4	6 18	1 33	22 49	8 19	21 51	22 4	19 24	16 46	2 37
T 29	3 25	21 51	1 31	8 31	2 7	12 7	0 23	24 49	2 36	20 39	0 6	16 26	0 41	22 53	0 4	6 19	1 33	22 50	8 19	21 51	22 3	19 25	16 45	2 37
F 30	3 49	20 21	2 39	8 3	2 11	11 45	0 26	24 45	2 35	20 38	0 7	16 25	0 41	22 53	0 4	6 19	1 33	22 50	8 19	21 51	22 3	19 26	16 44	2 38
S 31	4n12	17s42	3n36	7s33	2s15	11s23	0s29	24n40	2n33	20s36	0s 7	16s23	0s41	22n53	0n 4	6n20	1s33	22n50	8n18	21s51	22s 2	19n27	16s43	2n39

Julian Day Number = 2523922.5, Delta T = 161.21 sec
Ecliptic obliquity = 23°24'46, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°30'34, Lahiri = 26°37'35

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2198
geocentric

APRIL 2198 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 38 51	11♈36'51	7♒31	17♓33	2♓42	18♋51	28♑22	17♒ 4	17♊24	19♈57	19°R28	9°R28	10♐45	19♉57	26°R10	S 1
M 2	12 42 48	12°36'10	20°34	19° 1	3°54	19°14	28°30	17° 9	17°26	19°59	19♌27	9♐22	10°42	20° 4	26♏ 8	M 2
T 3	12 46 44	13°35'27	3♓23	20°30	5° 5	19°37	28°38	17°14	17°28	20° 1	19°27	9°15	10°39	20°11	26° 6	T 3
W 4	12 50 41	14°34'42	16° 1	22° 1	6°16	20° 0	28°45	17°19	17°30	20° 3	19°26	9° 5	10°36	20°17	26° 3	W 4
T 5	12 54 37	15°33'56	28°27	23°34	7°27	20°24	28°53	17°23	17°32	20° 6	19°25	8°55	10°33	20°24	26° 0	T 5
F 6	12 58 34	16°33'08	10♈43	25° 8	8°39	20°48	29° 1	17°28	17°34	20° 8	19°25	8°45	10°29	20°31	25°57	F 6
S 7	13 2 30	17°32'17	22°50	26°43	9°50	21°12	29° 8	17°33	17°36	20°10	19°24	8°36	10°26	20°37	25°55	S 7
S 8	13 6 27	18°31'25	4♉48	28°20	11° 2	21°37	29°15	17°38	17°38	20°12	19°23	8°29	10°23	20°44	25°52	S 8
M 9	13 10 24	19°30'30	16°40	29°58	12°13	22° 1	29°22	17°42	17°40	20°15	19°23	8°24	10°20	20°51	25°49	M 9
T 10	13 14 20	20°29'34	28°27	1♈38	13°25	22°26	29°29	17°47	17°42	20°17	19°22	8°22	10°17	20°57	25°46	T 10
W11	13 18 17	21°28'35	10♊13	3°19	14°36	22°51	29°36	17°51	17°45	20°19	19°22	8°D21	10°13	21° 4	25°42	W11
T 12	13 22 13	22°27'34	22° 3	5° 2	15°48	23°17	29°43	17°56	17°47	20°22	19°21	8°22	10°10	21°11	25°39	T 12
F 13	13 26 10	23°26'31	3♋59	6°47	16°59	23°42	29°49	18° 0	17°49	20°24	19°21	8°23	10° 7	21°17	25°36	F 13
S 14	13 30 6	24°25'25	16° 8	8°32	18°11	24° 8	29°55	18° 4	17°52	20°26	19°20	8°25	10° 4	21°24	25°32	S 14
S 15	13 34 3	25°24'17	28°34	10°20	19°23	24°34	0♒ 2	18° 8	17°54	20°28	19°20	8°R25	10° 1	21°30	25°29	S 15
M16	13 37 59	26°23'07	11♌21	12° 8	20°34	25° 1	0° 8	18°12	17°57	20°31	19°19	8°24	9°58	21°37	25°25	M16
T 17	13 41 56	27°21'55	24°35	13°59	21°46	25°27	0°13	18°16	17°59	20°33	19°19	8°21	9°54	21°44	25°22	T 17
W18	13 45 53	28°20'40	8♍17	15°51	22°58	25°54	0°19	18°20	18° 2	20°35	19°18	8°16	9°51	21°50	25°18	W18
T 19	13 49 49	29°19'23	22°28	17°44	24°10	26°21	0°25	18°24	18° 4	20°37	19°18	8°11	9°48	21°57	25°14	T 19
F 20	13 53 46	0♉18'04	7♎ 5	19°39	25°22	26°48	0°30	18°28	18° 7	20°40	19°18	8° 5	9°45	22° 4	25°10	F 20
S 21	13 57 42	1°16'43	22° 1	21°36	26°33	27°15	0°35	18°31	18°10	20°42	19°17	8° 0	9°42	22°10	25° 7	S 21
S 22	14 1 39	2°15'20	7♏ 9	23°34	27°45	27°43	0°40	18°35	18°12	20°44	19°17	7°55	9°39	22°17	25° 3	S 22
M23	14 5 35	3°13'55	22°19	25°33	28°57	28°10	0°45	18°38	18°15	20°46	19°17	7°53	9°35	22°24	24°59	M23
T 24	14 9 32	4°12'28	7♐21	27°34	0♈ 9	28°38	0°50	18°42	18°18	20°49	19°17	7°D52	9°32	22°30	24°55	T 24
W25	14 13 28	5°11'00	22° 7	29°37	1°21	29° 6	0°55	18°45	18°20	20°51	19°17	7°53	9°29	22°37	24°51	W25
T 26	14 17 25	6° 9'30	6♑33	1♉40	2°33	29°34	0°59	18°48	18°23	20°53	19°16	7°54	9°26	22°44	24°46	T 26
F 27	14 21 22	7° 7'59	20°36	3°45	3°45	0♌ 2	1° 3	18°51	18°26	20°55	19°16	7°55	9°23	22°50	24°42	F 27
S 28	14 25 18	8° 6'25	4♒14	5°51	4°57	0°31	1° 7	18°54	18°29	20°57	19°16	7°R56	9°19	22°57	24°38	S 28
S 29	14 29 15	9° 4'50	17°31	7°58	6° 9	1° 0	1°11	18°57	18°32	21° 0	19°16	7°56	9°16	23° 4	24°34	S 29
M30	14 33 11	10♉ 3'14	0♓27	10♉ 6	7♈21	1♌28	1♒15	19♒ 0	18♊35	21♈ 2	19♌16	7♐54	9♐13	23♉10	24♏30	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n35	14s11	4n20	7s 2	2s18	11s 0	0s33	24n36	2n32	20s35	0s 7	16s22	0s41	22n53	0n 4	6n21	1s33	22n50	8n18	21s51	22s 2	19n28	16s42	2n39
M 2	4 58	10 3	4 49	6 30	2 21	10 38	0 36	24 31	2 31	20 33	0 7	16 20	0 41	22 53	0 4	6 22	1 33	22 50	8 18	21 50	22 2	19 29	16 41	2 40
T 3	5 21	5 32	5 4	5 57	2 23	10 15	0 39	24 27	2 30	20 32	0 7	16 19	0 42	22 53	0 4	6 23	1 33	22 50	8 18	21 49	22 1	19 30	16 40	2 40
W 4	5 44	0 51	5 3	5 23	2 25	9 51	0 42	24 22	2 28	20 30	0 7	16 18	0 42	22 54	0 4	6 24	1 33	22 50	8 18	21 47	22 1	19 31	16 39	2 41
T 5	6 7	3n47	4 48	4 47	2 26	9 28	0 45	24 17	2 27	20 29	0 7	16 16	0 42	22 54	0 4	6 24	1 33	22 51	8 18	21 46	22 0	19 32	16 37	2 41
F 6	6 30	8 13	4 20	4 11	2 27	9 4	0 48	24 12	2 26	20 27	0 7	16 15	0 42	22 54	0 4	6 25	1 33	22 51	8 18	21 44	22 0	19 33	16 36	2 42
S 7	6 53	12 16	3 40	3 33	2 27	8 40	0 51	24 7	2 25	20 26	0 8	16 14	0 42	22 54	0 4	6 26	1 33	22 51	8 18	21 43	21 59	19 34	16 35	2 42
S 8	7 15	15 47	2 51	2 54	2 27	8 15	0 54	24 2	2 23	20 25	0 8	16 12	0 42	22 54	0 4	6 27	1 33	22 51	8 17	21 42	21 59	19 35	16 34	2 43
M 9	7 38	18 38	1 54	2 14	2 26	7 51	0 57	23 57	2 22	20 23	0 8	16 11	0 42	22 55	0 4	6 28	1 33	22 51	8 17	21 41	21 58	19 36	16 33	2 43
T 10	8 0	20 40	0 53	1 34	2 25	7 26	0 59	23 52	2 21	20 22	0 8	16 10	0 43	22 55	0 4	6 29	1 33	22 51	8 17	21 41	21 58	19 37	16 31	2 44
W11	8 22	21 47	0s10	0 52	2 23	7 1	1 2	23 47	2 20	20 21	0 8	16 8	0 43	22 55	0 4	6 30	1 33	22 51	8 17	21 40	21 57	19 38	16 30	2 44
T 12	8 44	21 57	1 14	0 9	2 21	6 35	1 5	23 41	2 19	20 19	0 8	16 7	0 43	22 55	0 4	6 30	1 33	22 51	8 17	21 41	21 57	19 39	16 29	2 45
F 13	9 6	21 7	2 15	0n35	2 18	6 10	1 7	23 35	2 17	20 18	0 8	16 6	0 43	22 56	0 4	6 31	1 33	22 51	8 17	21 41	21 57	19 40	16 28	2 45
S 14	9 27	19 17	3 11	1 19	2 15	5 44	1 10	23 30	2 16	20 17	0 9	16 5	0 43	22 56	0 4	6 32	1 33	22 51	8 17	21 41	21 56	19 41	16 26	2 46
S 15	9 49	16 31	3 59	2 5	2 11	5 18	1 12	23 24	2 15	20 16	0 9	16 4	0 43	22 56	0 4	6 33	1 33	22 51	8 16	21 41	21 56	19 42	16 25	2 46
M16	10 10	12 55	4 37	2 51	2 7	4 52	1 14	23 18	2 14	20 15	0 9	16 3	0 43	22 56	0 4	6 34	1 33	22 51	8 16	21 41	21 55	19 43	16 24	2 47
T 17	10 31	8 34	5 2	3 38	2 2	4 26	1 16	23 12	2 13	20 14	0 9	16 2	0 43	22 56	0 4	6 35	1 33	22 51	8 16	21 40	21 55	19 44	16 23	2 47
W18	10 52	3 39	5 11	4 26	1 57	3 59	1 18	23 6	2 12	20 12	0 9	16 0	0 44	22 57	0 4	6 35	1 33	22 51	8 16	21 40	21 54	19 45	16 21	2 48
T 19	11 13	1s38	5 1	5 15	1 51	3 33	1 20	23 0	2 11	20 11	0 9	15 59	0 44	22 57	0 4	6 36	1 33	22 51	8 16	21 39	21 54	19 46	16 20	2 48
F 20	11 34	6 58	4 32	6 4	1 45	3 6	1 22	22 53	2 9	20 10	0 9	15 58	0 44	22 57	0 4	6 37	1 33	22 51	8 16	21 38	21 53	19 47	16 19	2 49
S 21	11 54	12 2	3 44	6 54	1 38	2 39	1 24	22 47	2 8	20 9	0 10	15 57	0 44	22 57	0 4	6 38	1 33	22 51	8 16	21 37	21 53	19 48	16 17	2 49
S 22	12 15	16 24	2 40	7 44	1 31	2 12	1 26	22 41	2 7	20 8	0 10	15 56	0 44	22 58	0 4	6 39	1 33	22 51	8 15	21 36	21 52	19 48	16 16	2 49
M23	12 35	19 41	1 24	8 35	1 23	1 45	1 28	22 34	2 6	20 8	0 10	15 56	0 44	22 58	0 4	6 40	1 33	22 51	8 15	21 36	21 52	19 49	16 14	2 50
T 24	12 54	21 34	0 3	9 26	1 15	1 18	1 29	22 27	2 5	20 7	0 10	15 55	0 44	22 58	0 4	6 40	1 33	22 51	8 15	21 36	21 51	19 50	16 13	2 50
W25	13 14	21 54	1n17	10 17	1 7	0 51	1 31	22 20	2 4	20 6	0 10	15 54	0 45	22 58	0 4	6 41	1 33	22 51	8 15	21 36	21 51	19 51	16 12	2 51
T 26	13 34	20 45	2 31	11 8	0 58	0 24	1 32	22 13	2 3	20 5	0 10	15 53	0 45	22 59	0 4	6 42	1 33	22 51	8 15	21 36	21 50	19 52	16 10	2 51
F 27	13 53	18 20	3 33	12 0	0 48	0n 4	1 33	22 6	2 2	20 4	0 10	15 52	0 45	22 59	0 4	6 43	1 33	22 50	8 15	21 36	21 50	19 53	16 9	2 52
S 28	14 12	14 56	4 21	12 51	0 39	0 31	1 35	21 59	2 1	20 3	0 11	15 51	0 45	22 59	0 4	6 44	1 33	22 50	8 15	21 36	21 49	19 54	16 7	2 52
S 29	14 30	10 53	4 54	13 42	0 29	0 58	1 36	21 52	2 0	20 3	0 11	15 50	0 45	22 59	0 4	6 44	1 33	22 50	8 14	21 36	21 49	19 55	16 6	2 52
M30	14n49	6s26	5n11	14n32	0s18	1n26	1s37	21n44	1n59	20s 2	0s11	15s50	0s45	23n 0	0n 4	6n45	1s33	22n50	8n14	21s36	21s48	19n55	16s 5	2n53

Julian Day Number = 2523953.5, Delta T = 161.29 sec
Ecliptic obliquity = 23°24'46, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°30'39, Lahiri = 26°37'39

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2198
geocentric

MAY 2198 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 37 8	11♉ 1'36	13♓ 6	12♉15	8♈33	1♌57	1♒18	19♒ 3	18♊38	21♈ 4	19°D16	7°R52	9♐10	23♉17	24°R25	T 1
W 2	14 41 4	11°59'56	25°31	14°24	9°46	2°26	1°22	19° 6	18°41	21° 6	19♌16	7♐48	9° 7	23°24	24♏21	W 2
T 3	14 45 1	12°58'15	7♈44	16°33	10°58	2°56	1°25	19° 8	18°44	21° 8	19°16	7°44	9° 4	23°30	24°17	T 3
F 4	14 48 57	13°56'32	19°47	18°43	12°10	3°25	1°28	19°11	18°47	21°10	19°16	7°40	9° 0	23°37	24°12	F 4
S 5	14 52 54	14°54'48	1♉43	20°51	13°22	3°55	1°30	19°13	18°50	21°12	19°16	7°36	8°57	23°44	24° 8	S 5
S 6	14 56 51	15°53'02	13°34	23° 0	14°34	4°24	1°33	19°15	18°53	21°15	19°16	7°34	8°54	23°50	24° 3	S 6
M 7	15 0 47	16°51'14	25°22	25° 7	15°47	4°54	1°36	19°18	18°56	21°17	19°17	7°32	8°51	23°57	23°59	M 7
T 8	15 4 44	17°49'25	7♊ 9	27°13	16°59	5°24	1°38	19°20	18°59	21°19	19°17	7°D31	8°48	24° 3	23°54	T 8
W 9	15 8 40	18°47'33	18°58	29°17	18°11	5°54	1°40	19°22	19° 2	21°21	19°17	7°32	8°45	24°10	23°50	W 9
T 10	15 12 37	19°45'40	0♋51	1♊20	19°23	6°25	1°42	19°24	19° 6	21°23	19°17	7°33	8°41	24°17	23°45	T 10
F 11	15 16 33	20°43'45	12°51	3°21	20°36	6°55	1°43	19°26	19° 9	21°25	19°17	7°34	8°38	24°23	23°41	F 11
S 12	15 20 30	21°41'49	25° 3	5°19	21°48	7°26	1°45	19°27	19°12	21°27	19°18	7°36	8°35	24°30	23°36	S 12
S 13	15 24 26	22°39'50	7♌29	7°15	23° 0	7°56	1°46	19°29	19°15	21°29	19°18	7°37	8°32	24°37	23°32	S 13
M14	15 28 23	23°37'50	20°15	9° 8	24°13	8°27	1°47	19°31	19°19	21°31	19°18	7°R37	8°29	24°43	23°27	M14
T 15	15 32 20	24°35'47	3♍24	10°58	25°25	8°58	1°48	19°32	19°22	21°33	19°19	7°37	8°25	24°50	23°23	T 15
W16	15 36 16	25°33'43	16°59	12°45	26°37	9°29	1°49	19°33	19°25	21°35	19°19	7°36	8°22	24°57	23°18	W16
T 17	15 40 13	26°31'37	1♎ 0	14°30	27°50	10° 0	1°49	19°35	19°28	21°37	19°20	7°35	8°19	25° 3	23°14	T 17
F 18	15 44 9	27°29'29	15°27	16°10	29° 2	10°31	1°50	19°36	19°32	21°39	19°20	7°34	8°16	25°10	23° 9	F 18
S 19	15 48 6	28°27'19	0♏16	17°48	0♉15	11° 3	1°R50	19°37	19°35	21°41	19°21	7°33	8°13	25°17	23° 5	S 19
S 20	15 52 2	29°25'08	15°21	19°22	1°27	11°34	1°50	19°38	19°39	21°43	19°21	7°32	8°10	25°23	23° 0	S 20
M21	15 55 59	0♊22'56	0♐34	20°53	2°39	12° 6	1°50	19°39	19°42	21°45	19°22	7°D32	8° 6	25°30	22°56	M21
T 22	15 59 55	1°20'42	15°44	22°20	3°52	12°37	1°49	19°40	19°45	21°46	19°22	7°32	8° 3	25°37	22°51	T 22
W23	16 3 52	2°18'27	0♑43	23°44	5° 4	13° 9	1°49	19°40	19°49	21°48	19°23	7°32	8° 0	25°43	22°47	W23
T 24	16 7 49	3°16'11	15°23	25° 4	6°17	13°41	1°48	19°41	19°52	21°50	19°23	7°33	7°57	25°50	22°42	T 24
F 25	16 11 45	4°13'53	29°39	26°20	7°29	14°13	1°47	19°42	19°56	21°52	19°24	7°33	7°54	25°56	22°38	F 25
S 26	16 15 42	5°11'34	13♒28	27°33	8°42	14°45	1°46	19°42	19°59	21°54	19°25	7°33	7°51	26° 3	22°34	S 26
S 27	16 19 38	6° 9'15	26°51	28°42	9°54	15°17	1°45	19°42	20° 3	21°55	19°25	7°33	7°47	26°10	22°29	S 27
M28	16 23 35	7° 6'54	9♓49	29°47	11° 7	15°49	1°43	19°42	20° 6	21°57	19°26	7°33	7°44	26°16	22°25	M28
T 29	16 27 31	8° 4'32	22°26	0♋48	12°20	16°22	1°41	19°43	20°10	21°59	19°27	7°33	7°41	26°23	22°21	T 29
W30	16 31 28	9° 2'10	4♈45	1°46	13°32	16°54	1°39	19°R43	20°13	22° 1	19°28	7°33	7°38	26°30	22°17	W30
T 31	16 35 24	9♊59'46	16♈51	2♋39	14♉45	17♌27	1♒37	19♒42	20♊17	22♈ 2	19♌28	7♐34	7♐35	26♉36	22♏12	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15n 7	1s49	5n13	15n22	0s 8	1n53	1s38	21n37	1n58	20s 2	0s11	15s49	0s45	23n 0	0n 4	6n46	1s33	22n50	8n14	21s36	21s48	19n56	16s 3	2n53
W 2	15 25	2n48	4 59	16 11	0n 3	2 21	1 39	21 29	1 57	20 1	0 11	15 48	0 46	23 0	0 4	6 47	1 33	22 50	8 14	21 35	21 48	19 57	16 2	2 54
T 3	15 43	7 14	4 32	16 59	0 13	2 48	1 40	21 22	1 56	20 0	0 11	15 48	0 46	23 0	0 4	6 48	1 33	22 50	8 14	21 34	21 47	19 58	16 0	2 54
F 4	16 0	11 20	3 53	17 45	0 24	3 15	1 41	21 14	1 55	20 0	0 11	15 47	0 46	23 1	0 4	6 48	1 33	22 49	8 14	21 34	21 47	19 59	15 59	2 54
S 5	16 18	14 57	3 5	18 30	0 34	3 43	1 41	21 6	1 54	19 59	0 12	15 46	0 46	23 1	0 4	6 49	1 33	22 49	8 13	21 33	21 46	20 0	15 57	2 55
S 6	16 35	17 56	2 8	19 13	0 45	4 10	1 42	20 58	1 53	19 59	0 12	15 46	0 46	23 1	0 4	6 50	1 34	22 49	8 13	21 33	21 46	20 1	15 56	2 55
M 7	16 51	20 10	1 7	19 55	0 55	4 37	1 43	20 50	1 52	19 59	0 12	15 45	0 46	23 1	0 4	6 51	1 34	22 49	8 13	21 33	21 45	20 1	15 55	2 56
T 8	17 8	21 31	0 2	20 34	1 5	5 5	1 43	20 41	1 51	19 58	0 12	15 45	0 47	23 2	0 4	6 51	1 34	22 49	8 13	21 32	21 45	20 2	15 53	2 56
W 9	17 24	21 55	1s 3	21 11	1 15	5 32	1 43	20 33	1 50	19 58	0 12	15 44	0 47	23 2	0 4	6 52	1 34	22 48	8 13	21 33	21 44	20 3	15 52	2 56
T 10	17 39	21 19	2 6	21 46	1 24	5 59	1 44	20 24	1 49	19 58	0 12	15 44	0 47	23 2	0 4	6 53	1 34	22 48	8 13	21 33	21 44	20 4	15 50	2 57
F 11	17 55	19 45	3 3	22 19	1 32	6 26	1 44	20 16	1 48	19 57	0 13	15 43	0 47	23 3	0 4	6 54	1 34	22 48	8 12	21 33	21 43	20 5	15 49	2 57
S 12	18 10	17 16	3 54	22 49	1 40	6 53	1 44	20 7	1 47	19 57	0 13	15 43	0 47	23 3	0 4	6 54	1 34	22 48	8 12	21 33	21 43	20 5	15 47	2 57
S 13	18 25	13 57	4 35	23 16	1 48	7 19	1 44	19 58	1 46	19 57	0 13	15 43	0 47	23 3	0 4	6 55	1 34	22 48	8 12	21 33	21 42	20 6	15 46	2 58
M14	18 40	9 55	5 3	23 41	1 55	7 46	1 44	19 49	1 45	19 57	0 13	15 42	0 47	23 3	0 4	6 56	1 34	22 47	8 12	21 33	21 42	20 7	15 45	2 58
T 15	18 54	5 20	5 16	24 3	2 1	8 12	1 44	19 40	1 44	19 57	0 13	15 42	0 48	23 4	0 4	6 57	1 34	22 47	8 12	21 33	21 41	20 8	15 43	2 58
W16	19 8	0 20	5 13	24 23	2 6	8 38	1 44	19 31	1 43	19 57	0 13	15 42	0 48	23 4	0 4	6 57	1 34	22 47	8 12	21 33	21 41	20 9	15 42	2 59
T 17	19 21	4s51	4 51	24 40	2 11	9 5	1 44	19 22	1 42	19 57	0 14	15 41	0 48	23 4	0 4	6 58	1 34	22 46	8 12	21 33	21 40	20 9	15 40	2 59
F 18	19 35	9 56	4 11	24 55	2 14	9 30	1 43	19 12	1 41	19 57	0 14	15 41	0 48	23 4	0 4	6 59	1 34	22 46	8 11	21 33	21 40	20 10	15 39	2 59
S 19	19 48	14 34	3 13	25 8	2 17	9 56	1 43	19 3	1 41	19 57	0 14	15 41	0 48	23 5	0 4	6 59	1 34	22 46	8 11	21 33	21 39	20 11	15 38	2 59
S 20	20 0	18 20	2 0	25 18	2 19	10 22	1 43	18 53	1 40	19 57	0 14	15 41	0 48	23 5	0 4	7 0	1 34	22 45	8 11	21 33	21 39	20 12	15 36	3 0
M21	20 12	20 53	0 39	25 26	2 20	10 47	1 42	18 44	1 39	19 58	0 14	15 41	0 49	23 5	0 4	7 1	1 34	22 45	8 11	21 33	21 38	20 12	15 35	3 0
T 22	20 24	21 54	0n45	25 32	2 21	11 12	1 41	18 34	1 38	19 58	0 14	15 40	0 49	23 6	0 4	7 1	1 34	22 45	8 11	21 33	21 38	20 13	15 33	3 0
W23	20 36	21 19	2 5	25 36	2 20	11 37	1 41	18 24	1 37	19 58	0 15	15 40	0 49	23 6	0 4	7 2	1 34	22 45	8 11	21 33	21 37	20 14	15 32	3 0
T 24	20 47	19 17	3 15	25 38	2 19	12 2	1 40	18 14	1 36	19 59	0 15	15 40	0 49	23 6	0 4	7 3	1 34	22 44	8 10	21 33	21 37	20 15	15 31	3 1
F 25	20 58	16 6	4 11	25 38	2 17	12 26	1 39	18 4	1 35	19 59	0 15	15 40	0 49	23 6	0 4	7 3	1 34	22 44	8 10	21 33	21 36	20 15	15 29	3 1
S 26	21 9	12 7	4 50	25 37	2 13	12 50	1 38	17 54	1 34	19 59	0 15	15 40	0 49	23 7	0 4	7 4	1 34	22 43	8 10	21 33	21 36	20 16	15 28	3 1
S 27	21 19	7 39	5 12	25 34	2 9	13 14	1 37	17 43	1 33	20 0	0 15	15 40	0 50	23 7	0 5	7 4	1 34	22 43	8 10	21 33	21 35	20 17	15 27	3 1
M28	21 28	2 58	5 18	25 29	2 4	13 37	1 36	17 33	1 33	20 0	0 15	15 41	0 50	23 7	0 5	7 5	1 34	22 43	8 10	21 33	21 35	20 18	15 26	3 2
T 29	21 38	1n43	5 7	25 23	1 59	14 0	1 35	17 22	1 32	20 1	0 16	15 41	0 50	23 7	0 5	7 6	1 34	22 42	8 10	21 33	21 34	20 18	15 24	3 2
W30	21 47	6 13	4 43	25 16	1 52	14 23	1 34	17 12	1 31	20 1	0 16	15 41	0 50	23 8	0 5	7 6	1 34	22 42	8 10	21 33	21 33	20 19	15 23	3 2
T 31	21n55	10n24	4n 6	25n 7	1n44	14n46	1s33	17n 1	1n30	20s 2	0s16	15s41	0s50	23n 8	0n 5	7n 7	1s34	22n42	8n 9	21s33	21s33	20n20	15s22	3n 2

Julian Day Number = 2523983.5, Delta T = 161.37 sec
Ecliptic obliquity = 23°24'45, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°30'43, Lahiri = 26°37'43

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2198
geocentric

JUNE 2198 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 39 21	10♊57'22	28♈47	3♋29	15♉57	17♌59	1°R35	19°R42	20♊20	22♈ 4	19♌29	7♐34	7♐31	26♉43	22°R 8	F 1
S 2	16 43 18	11°54'56	10♉38	4°14	17°10	18°32	1♒33	19♒42	20°24	22° 5	19°30	7°34	7°28	26°50	22♏ 4	S 2
S 3	16 47 14	12°52'30	22°25	4°55	18°23	19° 5	1°30	19°42	20°27	22° 7	19°31	7°35	7°25	26°56	22° 0	S 3
M 4	16 51 11	13°50'03	4♊12	5°32	19°35	19°38	1°27	19°41	20°31	22° 9	19°32	7°R35	7°22	27° 3	21°56	M 4
T 5	16 55 7	14°47'34	16° 1	6° 4	20°48	20°11	1°24	19°41	20°34	22°10	19°33	7°35	7°19	27°10	21°52	T 5
W 6	16 59 4	15°45'05	27°56	6°32	22° 1	20°44	1°21	19°40	20°38	22°12	19°34	7°34	7°16	27°16	21°48	W 6
T 7	17 3 0	16°42'35	9♋57	6°55	23°13	21°17	1°18	19°39	20°41	22°13	19°35	7°34	7°12	27°23	21°45	T 7
F 8	17 6 57	17°40'03	22° 7	7°14	24°26	21°50	1°14	19°38	20°45	22°15	19°36	7°32	7° 9	27°30	21°41	F 8
S 9	17 10 53	18°37'31	4♌28	7°28	25°39	22°24	1°10	19°37	20°48	22°16	19°37	7°31	7° 6	27°36	21°37	S 9
S 10	17 14 50	19°34'57	17° 3	7°38	26°52	22°57	1° 7	19°36	20°52	22°18	19°38	7°29	7° 3	27°43	21°33	S 10
M11	17 18 47	20°32'22	29°53	7°43	28° 4	23°31	1° 2	19°35	20°55	22°19	19°39	7°28	7° 0	27°50	21°30	M11
T 12	17 22 43	21°29'46	13♍ 2	7°R43	29°17	24° 4	0°58	19°34	20°59	22°20	19°40	7°27	6°56	27°56	21°26	T 12
W13	17 26 40	22°27'09	26°32	7°39	0♊30	24°38	0°54	19°33	21° 3	22°22	19°41	7°D27	6°53	28° 3	21°23	W13
T 14	17 30 36	23°24'31	10♎23	7°31	1°43	25°12	0°49	19°31	21° 6	22°23	19°42	7°28	6°50	28° 9	21°20	T 14
F 15	17 34 33	24°21'52	24°36	7°18	2°55	25°46	0°45	19°30	21°10	22°24	19°43	7°29	6°47	28°16	21°16	F 15
S 16	17 38 29	25°19'12	9♏ 9	7° 2	4° 8	26°19	0°40	19°28	21°13	22°26	19°44	7°30	6°44	28°23	21°13	S 16
S 17	17 42 26	26°16'31	23°58	6°42	5°21	26°53	0°35	19°26	21°17	22°27	19°46	7°31	6°41	28°29	21°10	S 17
M18	17 46 22	27°13'49	8♐58	6°18	6°34	27°28	0°30	19°25	21°20	22°28	19°47	7°R31	6°37	28°36	21° 7	M18
T 19	17 50 19	28°11'06	24° 1	5°51	7°47	28° 2	0°24	19°23	21°24	22°29	19°48	7°31	6°34	28°43	21° 4	T 19
W20	17 54 16	29° 8'23	8♑57	5°22	9° 0	28°36	0°19	19°21	21°27	22°30	19°49	7°29	6°31	28°49	21° 1	W20
T 21	17 58 12	0♋ 5'40	23°40	4°50	10°13	29°10	0°13	19°19	21°31	22°32	19°51	7°27	6°28	28°56	20°58	T 21
F 22	18 2 9	1° 2'55	8♒ 2	4°17	11°26	29°44	0° 8	19°17	21°34	22°33	19°52	7°23	6°25	29° 3	20°55	F 22
S 23	18 6 5	2° 0'11	21°58	3°43	12°38	0♍19	0° 2	19°14	21°38	22°34	19°53	7°20	6°22	29° 9	20°53	S 23
S 24	18 10 2	2°57'26	5♓27	3° 9	13°51	0°53	29♑56	19°12	21°41	22°35	19°55	7°17	6°18	29°16	20°50	S 24
M25	18 13 58	3°54'41	18°31	2°34	15° 4	1°28	29°50	19°10	21°45	22°36	19°56	7°15	6°15	29°23	20°48	M25
T 26	18 17 55	4°51'56	1♈10	2° 1	16°17	2° 3	29°43	19° 7	21°48	22°37	19°57	7°D14	6°12	29°29	20°45	T 26
W27	18 21 51	5°49'11	13°30	1°28	17°30	2°37	29°37	19° 5	21°52	22°38	19°59	7°15	6° 9	29°36	20°43	W27
T 28	18 25 48	6°46'25	25°34	0°58	18°43	3°12	29°31	19° 2	21°55	22°39	20° 0	7°16	6° 6	29°42	20°41	T 28
F 29	18 29 45	7°43'40	7♉28	0°29	19°57	3°47	29°24	18°59	21°59	22°39	20° 2	7°17	6° 2	29°49	20°39	F 29
S 30	18 33 41	8♋40'54	19♉16	0♋ 4	21♊10	4♍22	29♑17	18♒56	22♊ 2	22♈40	20♌ 3	7♐19	5♐59	29♉56	20♏37	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	22n 4	14n 8	3n19	24n58	1n36	15n 8	1s32	16n50	1n29	20s 3	0s16	15s41	0s50	23n 8	0n 5	7n 7	1s34	22n41	8n 9	21s33	21s32	20n20	15s21	3n 2	F 1
S 2	22 12	17 17	2 24	24 47	1 26	15 30	1 30	16 39	1 28	20 3	0 16	15 41	0 50	23 8	0 5	7 8	1 34	22 41	8 9	21 33	21 32	20 21	15 19	3 3	S 2
S 3	22 19	19 42	1 23	24 36	1 16	15 51	1 29	16 28	1 28	20 4	0 16	15 42	0 51	23 9	0 5	7 9	1 34	22 40	8 9	21 33	21 31	20 22	15 18	3 3	S 3
M 4	22 26	21 16	0 19	24 23	1 5	16 12	1 28	16 17	1 27	20 5	0 17	15 42	0 51	23 9	0 5	7 9	1 35	22 40	8 9	21 33	21 31	20 23	15 17	3 3	M 4
T 5	22 33	21 54	0s47	24 10	0 53	16 33	1 26	16 6	1 26	20 6	0 17	15 42	0 51	23 9	0 5	7 10	1 35	22 40	8 9	21 33	21 30	20 23	15 16	3 3	T 5
W 6	22 39	21 33	1 51	23 56	0 41	16 53	1 24	15 55	1 25	20 7	0 17	15 43	0 51	23 9	0 5	7 10	1 35	22 39	8 9	21 33	21 30	20 24	15 15	3 3	W 6
T 7	22 45	20 13	2 50	23 41	0 28	17 13	1 23	15 43	1 24	20 8	0 17	15 43	0 51	23 10	0 5	7 11	1 35	22 39	8 8	21 33	21 29	20 25	15 14	3 3	T 7
F 8	22 50	17 56	3 43	23 26	0 14	17 33	1 21	15 32	1 23	20 9	0 17	15 44	0 51	23 10	0 5	7 11	1 35	22 38	8 8	21 33	21 29	20 25	15 12	3 4	F 8
S 9	22 56	14 49	4 26	23 11	0s 1	17 52	1 19	15 20	1 23	20 10	0 17	15 44	0 52	23 10	0 5	7 12	1 35	22 38	8 8	21 32	21 28	20 26	15 11	3 4	S 9
S 10	23 0	10 59	4 57	22 55	0 16	18 10	1 18	15 8	1 22	20 11	0 18	15 44	0 52	23 10	0 5	7 12	1 35	22 37	8 8	21 32	21 28	20 27	15 10	3 4	S 10
M11	23 5	6 36	5 14	22 39	0 32	18 28	1 16	14 56	1 21	20 12	0 18	15 45	0 52	23 11	0 5	7 13	1 35	22 37	8 8	21 32	21 27	20 27	15 9	3 4	M11
T 12	23 8	1 48	5 15	22 23	0 49	18 46	1 14	14 45	1 20	20 13	0 18	15 45	0 52	23 11	0 5	7 13	1 35	22 36	8 8	21 32	21 27	20 28	15 8	3 4	T 12
W13	23 12	3s12	4 59	22 6	1 5	19 3	1 12	14 33	1 19	20 14	0 18	15 46	0 52	23 11	0 5	7 14	1 35	22 36	8 8	21 32	21 26	20 29	15 7	3 4	W13
T 14	23 15	8 11	4 26	21 50	1 22	19 20	1 10	14 20	1 19	20 15	0 18	15 47	0 52	23 11	0 5	7 14	1 35	22 35	8 8	21 32	21 26	20 29	15 6	3 4	T 14
F 15	23 18	12 52	3 36	21 34	1 39	19 36	1 8	14 8	1 18	20 16	0 19	15 47	0 53	23 12	0 5	7 14	1 35	22 35	8 8	21 32	21 25	20 30	15 5	3 4	F 15
S 16	23 20	16 54	2 31	21 18	1 56	19 52	1 6	13 56	1 17	20 17	0 19	15 48	0 53	23 12	0 5	7 15	1 35	22 34	8 7	21 32	21 25	20 30	15 4	3 5	S 16
S 17	23 22	19 57	1 14	21 2	2 13	20 7	1 4	13 44	1 16	20 19	0 19	15 49	0 53	23 12	0 5	7 15	1 35	22 34	8 7	21 32	21 24	20 31	15 4	3 5	S 17
M18	23 23	21 38	0n 8	20 46	2 30	20 22	1 2	13 31	1 15	20 20	0 19	15 49	0 53	23 12	0 5	7 16	1 35	22 33	8 7	21 32	21 23	20 32	15 3	3 5	M18
T 19	23 24	21 47	1 30	20 31	2 46	20 36	1 0	13 19	1 15	20 21	0 19	15 50	0 53	23 13	0 5	7 16	1 35	22 33	8 7	21 32	21 23	20 32	15 2	3 5	T 19
W20	23 25	20 22	2 45	20 17	3 2	20 49	0 58	13 6	1 14	20 23	0 19	15 51	0 53	23 13	0 5	7 16	1 35	22 32	8 7	21 32	21 22	20 33	15 1	3 5	W20
T 21	23 25	17 36	3 48	20 3	3 17	21 2	0 56	12 53	1 13	20 24	0 20	15 52	0 53	23 13	0 5	7 17	1 35	22 32	8 7	21 32	21 22	20 33	15 0	3 5	T 21
F 22	23 24	13 49	4 35	19 50	3 31	21 15	0 53	12 41	1 12	20 25	0 20	15 52	0 54	23 13	0 5	7 17	1 35	22 31	8 7	21 31	21 21	20 34	14 59	3 5	F 22
S 23	23 24	9 23	5 4	19 38	3 44	21 27	0 51	12 28	1 12	20 27	0 20	15 53	0 54	23 14	0 5	7 17	1 35	22 31	8 7	21 31	21 21	20 35	14 59	3 5	S 23
S 24	23 23	4 37	5 15	19 27	3 56	21 38	0 49	12 15	1 11	20 28	0 20	15 54	0 54	23 14	0 5	7 18	1 36	22 30	8 7	21 30	21 20	20 35	14 58	3 5	S 24
M25	23 21	0n12	5 9	19 17	4 7	21 48	0 46	12 2	1 10	20 30	0 20	15 55	0 54	23 14	0 5	7 18	1 36	22 30	8 6	21 30	21 20	20 36	14 57	3 5	M25
T 26	23 19	4 52	4 48	19 8	4 16	21 59	0 44	11 49	1 9	20 31	0 20	15 56	0 54	23 14	0 5	7 18	1 36	22 29	8 6	21 30	21 19	20 36	14 57	3 5	T 26
W27	23 17	9 13	4 14	19 0	4 24	22 8	0 42	11 36	1 8	20 33	0 21	15 57	0 54	23 15	0 5	7 19	1 36	22 29	8 6	21 30	21 19	20 37	14 56	3 5	W27
T 28	23 14	13 7	3 30	18 54	4 31	22 17	0 39	11 22	1 8	20 34	0 21	15 58	0 55	23 15	0 5	7 19	1 36	22 28	8 6	21 30	21 18	20 38	14 55	3 5	T 28
F 29	23 11	16 27	2 37	18 49	4 36	22 25	0 37	11 9	1 7	20 36	0 21	15 59	0 55	23 15	0 5	7 19	1 36	22 28	8 6	21 30	21 17	20 38	14 55	3 5	F 29
S 30	23n 8	19n 5	1n38	18n46	4s39	22n33	0s35	10n56	1n 6	20s37	0s21	16s 0	0s55	23n15	0n 5	7n20	1s36	22n27	8n 6	21s30	21s17	20n39	14s54	3n 5	S 30

Julian Day Number = 2524014.5, Delta T = 161.46 sec
Ecliptic obliquity = 23°24'45, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°30'47, Lahiri = 26°37'48

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2198
geocentric

JULY 2198 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 37 38	9♋38'09	1♊ 2	29°R42	22♊23	4♍57	29°R11	18°R54	22♊ 6	22♈41	20♌ 4	7♐20	5♐56	0♊ 2	20°R35	S 1
M 2	18 41 34	10°35'23	12°52	29♊24	23°36	5°32	29♉ 4	18♒51	22° 9	22°42	20° 6	7°R20	5°53	0° 9	20♏33	M 2
T 3	18 45 31	11°32'38	24°47	29°10	24°49	6° 7	28°57	18°48	22°13	22°43	20° 7	7°19	5°50	0°16	20°31	T 3
W 4	18 49 27	12°29'52	6♋50	29° 0	26° 2	6°42	28°50	18°45	22°16	22°43	20° 9	7°16	5°47	0°22	20°29	W 4
T 5	18 53 24	13°27'06	19° 3	28°54	27°15	7°17	28°43	18°41	22°19	22°44	20°10	7°11	5°43	0°29	20°28	T 5
F 6	18 57 21	14°24'20	1♌28	28°D53	28°29	7°53	28°35	18°38	22°23	22°45	20°12	7° 5	5°40	0°36	20°26	F 6
S 7	19 1 17	15°21'34	14° 6	28°58	29°42	8°28	28°28	18°35	22°26	22°45	20°14	6°59	5°37	0°42	20°25	S 7
S 8	19 5 14	16°18'48	26°56	29° 7	0♋55	9° 3	28°21	18°32	22°29	22°46	20°15	6°52	5°34	0°49	20°24	S 8
M 9	19 9 10	17°16'02	10♍ 0	29°21	2° 8	9°39	28°13	18°28	22°33	22°47	20°17	6°47	5°31	0°56	20°23	M 9
T 10	19 13 7	18°13'15	23°18	29°40	3°22	10°14	28° 6	18°25	22°36	22°47	20°18	6°42	5°28	1° 2	20°22	T 10
W11	19 17 3	19°10'28	6♎50	0♋ 4	4°35	10°50	27°58	18°21	22°39	22°48	20°20	6°40	5°24	1° 9	20°21	W11
T 12	19 21 0	20° 7'41	20°37	0°34	5°48	11°26	27°51	18°17	22°42	22°48	20°22	6°D39	5°21	1°16	20°20	T 12
F 13	19 24 56	21° 4'53	4♏39	1° 8	7° 1	12° 1	27°43	18°14	22°46	22°49	20°23	6°40	5°18	1°22	20°19	F 13
S 14	19 28 53	22° 2'06	18°56	1°48	8°15	12°37	27°35	18°10	22°49	22°49	20°25	6°41	5°15	1°29	20°18	S 14
S 15	19 32 50	22°59'19	3♐25	2°32	9°28	13°13	27°28	18° 6	22°52	22°49	20°26	6°R42	5°12	1°35	20°18	S 15
M16	19 36 46	23°56'31	18° 3	3°22	10°42	13°49	27°20	18° 2	22°55	22°50	20°28	6°41	5° 8	1°42	20°17	M16
T 17	19 40 43	24°53'44	2♑46	4°16	11°55	14°25	27°12	17°59	22°58	22°50	20°30	6°39	5° 5	1°49	20°17	T 17
W18	19 44 39	25°50'57	17°26	5°15	13° 8	15° 1	27° 5	17°55	23° 2	22°50	20°32	6°35	5° 2	1°55	20°17	W18
T 19	19 48 36	26°48'10	1♒57	6°19	14°22	15°37	26°57	17°51	23° 5	22°51	20°33	6°28	4°59	2° 2	20°17	T 19
F 20	19 52 32	27°45'23	16°13	7°28	15°35	16°13	26°49	17°47	23° 8	22°51	20°35	6°20	4°56	2° 9	20°D17	F 20
S 21	19 56 29	28°42'37	0♓ 7	8°41	16°49	16°50	26°41	17°43	23°11	22°51	20°37	6°12	4°53	2°15	20°17	S 21
S 22	20 0 25	29°39'51	13°37	9°59	18° 2	17°26	26°34	17°38	23°14	22°51	20°38	6° 4	4°49	2°22	20°17	S 22
M23	20 4 22	0♌37'06	26°42	11°22	19°16	18° 2	26°26	17°34	23°17	22°51	20°40	5°58	4°46	2°29	20°17	M23
T 24	20 8 19	1°34'22	9♈23	12°48	20°29	18°39	26°18	17°30	23°20	22°51	20°42	5°53	4°43	2°35	20°17	T 24
W25	20 12 15	2°31'38	21°44	14°19	21°43	19°15	26°11	17°26	23°23	22°51	20°44	5°51	4°40	2°42	20°18	W25
T 26	20 16 12	3°28'56	3♉49	15°54	22°57	19°52	26° 3	17°22	23°26	22°R51	20°45	5°D50	4°37	2°49	20°19	T 26
F 27	20 20 8	4°26'14	15°43	17°33	24°10	20°28	25°55	17°17	23°29	22°51	20°47	5°51	4°34	2°55	20°19	F 27
S 28	20 24 5	5°23'33	27°31	19°16	25°24	21° 5	25°48	17°13	23°31	22°51	20°49	5°52	4°30	3° 2	20°20	S 28
S 29	20 28 1	6°20'53	9♊19	21° 2	26°38	21°41	25°40	17° 9	23°34	22°51	20°51	5°R52	4°27	3° 8	20°21	S 29
M30	20 31 58	7°18'13	21°11	22°52	27°51	22°18	25°33	17° 4	23°37	22°51	20°53	5°51	4°24	3°15	20°22	M30
T 31	20 35 54	8♌15'35	3♋13	24♋44	29♋ 5	22♍55	25♑25	17♒ 0	23♊40	22♈51	20♌54	5♐47	4♐21	3♊22	20♏23	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n 4	20n54	0n34	18n44	4s41	22n40	0s32	10n42	1n 5	20s39	0s21	16s 1	0s55	23n15	0n 5	7n20	1s36	22n27	8n 6	21s31	21s16	20n39	14s54	3n 5
M 2	22 59	21 49	0s30	18 43	4 42	22 46	0 30	10 29	1 5	20 40	0 21	16 2	0 55	23 16	0 5	7 20	1 36	22 26	8 6	21 31	21 16	20 40	14 53	3 5
T 3	22 55	21 45	1 34	18 44	4 41	22 51	0 27	10 15	1 4	20 42	0 22	16 3	0 55	23 16	0 5	7 20	1 36	22 25	8 6	21 30	21 15	20 40	14 53	3 5
W 4	22 50	20 40	2 34	18 46	4 39	22 56	0 25	10 1	1 3	20 44	0 22	16 4	0 55	23 16	0 5	7 20	1 36	22 25	8 6	21 30	21 15	20 41	14 52	3 5
T 5	22 44	18 38	3 28	18 49	4 35	23 1	0 22	9 48	1 2	20 45	0 22	16 5	0 56	23 16	0 5	7 21	1 36	22 24	8 6	21 29	21 14	20 41	14 52	3 5
F 6	22 38	15 42	4 13	18 54	4 30	23 4	0 20	9 34	1 2	20 47	0 22	16 6	0 56	23 16	0 5	7 21	1 36	22 24	8 6	21 28	21 14	20 42	14 51	3 5
S 7	22 32	12 1	4 46	19 0	4 24	23 7	0 17	9 20	1 1	20 48	0 22	16 7	0 56	23 17	0 5	7 21	1 36	22 23	8 6	21 27	21 13	20 42	14 51	3 5
S 8	22 25	7 44	5 6	19 7	4 17	23 10	0 15	9 6	1 0	20 50	0 22	16 9	0 56	23 17	0 5	7 21	1 36	22 23	8 6	21 26	21 12	20 43	14 51	3 5
M 9	22 18	3 2	5 10	19 15	4 9	23 11	0 12	8 52	1 0	20 52	0 23	16 10	0 56	23 17	0 5	7 21	1 36	22 22	8 5	21 25	21 12	20 43	14 50	3 5
T 10	22 10	1s54	4 57	19 24	4 0	23 12	0 10	8 38	0 59	20 53	0 23	16 11	0 56	23 17	0 5	7 22	1 36	22 22	8 5	21 24	21 11	20 44	14 50	3 5
W11	22 3	6 49	4 28	19 34	3 51	23 13	0 7	8 24	0 58	20 55	0 23	16 12	0 56	23 17	0 5	7 22	1 37	22 21	8 5	21 24	21 11	20 44	14 50	3 5
T 12	21 54	11 30	3 44	19 44	3 40	23 12	0 5	8 9	0 57	20 57	0 23	16 14	0 56	23 18	0 5	7 22	1 37	22 20	8 5	21 24	21 10	20 45	14 50	3 5
F 13	21 46	15 39	2 45	19 55	3 29	23 11	0 2	7 55	0 57	20 58	0 23	16 15	0 57	23 18	0 5	7 22	1 37	22 20	8 5	21 24	21 10	20 45	14 50	3 5
S 14	21 37	18 57	1 35	20 7	3 17	23 10	0n 0	7 41	0 56	21 0	0 23	16 16	0 57	23 18	0 5	7 22	1 37	22 19	8 5	21 24	21 9	20 46	14 49	3 5
S 15	21 27	21 6	0 18	20 18	3 5	23 7	0 3	7 26	0 55	21 2	0 23	16 17	0 57	23 18	0 5	7 22	1 37	22 19	8 5	21 24	21 9	20 46	14 49	3 5
M16	21 18	21 52	1n 1	20 30	2 52	23 4	0 5	7 12	0 55	21 3	0 24	16 19	0 57	23 18	0 5	7 22	1 37	22 18	8 5	21 24	21 8	20 47	14 49	3 5
T 17	21 8	21 7	2 16	20 42	2 39	23 0	0 8	6 57	0 54	21 5	0 24	16 20	0 57	23 19	0 5	7 22	1 37	22 18	8 5	21 24	21 7	20 47	14 49	3 5
W18	20 57	18 57	3 22	20 53	2 26	22 56	0 10	6 43	0 53	21 7	0 24	16 21	0 57	23 19	0 5	7 22	1 37	22 17	8 5	21 23	21 7	20 48	14 49	3 5
T 19	20 46	15 35	4 13	21 4	2 12	22 51	0 12	6 28	0 52	21 8	0 24	16 23	0 57	23 19	0 5	7 22	1 37	22 16	8 5	21 22	21 6	20 48	14 49	3 5
F 20	20 35	11 22	4 48	21 14	1 58	22 45	0 15	6 13	0 52	21 10	0 24	16 24	0 57	23 19	0 5	7 22	1 37	22 16	8 5	21 21	21 6	20 49	14 49	3 5
S 21	20 24	6 39	5 5	21 24	1 44	22 39	0 17	5 59	0 51	21 11	0 24	16 25	0 58	23 19	0 5	7 22	1 37	22 15	8 5	21 19	21 5	20 49	14 49	3 5
S 22	20 12	1 45	5 4	21 32	1 30	22 31	0 20	5 44	0 50	21 13	0 24	16 27	0 58	23 19	0 5	7 22	1 37	22 15	8 5	21 18	21 5	20 50	14 49	3 5
M23	20 0	3n 5	4 47	21 40	1 16	22 24	0 22	5 29	0 50	21 15	0 25	16 28	0 58	23 20	0 5	7 22	1 37	22 14	8 5	21 17	21 4	20 50	14 49	3 5
T 24	19 47	7 38	4 16	21 46	1 2	22 15	0 24	5 14	0 49	21 16	0 25	16 29	0 58	23 20	0 5	7 22	1 37	22 13	8 5	21 16	21 3	20 51	14 50	3 5
W25	19 34	11 46	3 34	21 50	0 49	22 6	0 27	4 59	0 48	21 18	0 25	16 31	0 58	23 20	0 5	7 22	1 37	22 13	8 5	21 15	21 3	20 51	14 50	3 5
T 26	19 21	15 20	2 43	21 53	0 35	21 56	0 29	4 44	0 47	21 19	0 25	16 32	0 58	23 20	0 5	7 22	1 37	22 12	8 5	21 15	21 2	20 51	14 50	3 5
F 27	19 8	18 13	1 46	21 54	0 22	21 46	0 31	4 29	0 47	21 21	0 25	16 34	0 58	23 20	0 5	7 22	1 37	22 12	8 5	21 15	21 2	20 52	14 50	3 5
S 28	18 54	20 19	0 45	21 53	0 9	21 35	0 33	4 14	0 46	21 22	0 25	16 35	0 58	23 20	0 5	7 22	1 38	22 11	8 5	21 16	21 1	20 52	14 50	3 5
S 29	18 40	21 31	0s19	21 49	0n 3	21 23	0 36	3 59	0 45	21 24	0 25	16 36	0 58	23 21	0 5	7 22	1 38	22 11	8 5	21 16	21 0	20 53	14 51	3 5
M30	18 25	21 46	1 21	21 44	0 15	21 11	0 38	3 44	0 45	21 25	0 25	16 38	0 59	23 21	0 5	7 22	1 38	22 10	8 5	21 15	21 0	20 53	14 51	3 5
T 31	18n11	21n 2	2s21	21n35	0n27	20n58	0n40	3n29	0n44	21s27	0s26	16s39	0s59	23n21	0n 5	7n22	1s38	22n 9	8n 5	21s15	20s59	20n53	14s51	3n 5

Julian Day Number = 2524044.5, Delta T = 161.54 sec
Ecliptic obliquity = 23°24'44, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°30'51, Lahiri = 26°37'52

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2198
geocentric

AUGUST 2198 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 39 51	9♌12'58	15♋25	26♋40	0♌19	23♍32	25°R18	16°R56	23♊43	22°R51	20♌56	5°R41	4♐18	3♊28	20♏24	W 1
T 2	20 43 48	10°10'21	27°53	28°37	1°33	24° 9	25♑11	16♒51	23°45	22♈51	20°58	5♐33	4°14	3°35	20°26	T 2
F 3	20 47 44	11° 7'45	10♌35	0♌37	2°46	24°46	25° 4	16°47	23°48	22°50	21° 0	5°23	4°11	3°42	20°27	F 3
S 4	20 51 41	12° 5'10	23°33	2°38	4° 0	25°23	24°56	16°42	23°51	22°50	21° 2	5°12	4° 8	3°48	20°29	S 4
S 5	20 55 37	13° 2'36	6♍45	4°41	5°14	26° 0	24°49	16°38	23°53	22°50	21° 4	5° 1	4° 5	3°55	20°30	S 5
M 6	20 59 34	14° 0'03	20°10	6°45	6°28	26°37	24°42	16°33	23°56	22°49	21° 5	4°51	4° 2	4° 2	20°32	M 6
T 7	21 3 30	14°57'30	3♎45	8°49	7°42	27°14	24°36	16°29	23°58	22°49	21° 7	4°43	3°59	4° 8	20°34	T 7
W 8	21 7 27	15°54'58	17°31	10°54	8°56	27°52	24°29	16°24	24° 1	22°49	21° 9	4°37	3°55	4°15	20°36	W 8
T 9	21 11 23	16°52'26	1♏24	12°59	10°10	28°29	24°22	16°20	24° 3	22°48	21°11	4°35	3°52	4°22	20°38	T 9
F 10	21 15 20	17°49'56	15°24	15° 4	11°24	29° 6	24°16	16°16	24° 6	22°48	21°13	4°D34	3°49	4°28	20°40	F 10
S 11	21 19 17	18°47'26	29°32	17° 8	12°38	29°44	24° 9	16°11	24° 8	22°47	21°15	4°R34	3°46	4°35	20°42	S 11
S 12	21 23 13	19°44'57	13♐44	19°12	13°52	0♎21	24° 3	16° 7	24°11	22°47	21°16	4°34	3°43	4°42	20°45	S 12
M13	21 27 10	20°42'28	28° 1	21°15	15° 6	0°59	23°57	16° 2	24°13	22°46	21°18	4°32	3°40	4°48	20°47	M13
T 14	21 31 6	21°40'01	12♑19	23°16	16°20	1°37	23°51	15°58	24°15	22°46	21°20	4°28	3°36	4°55	20°50	T 14
W15	21 35 3	22°37'34	26°35	25°17	17°34	2°14	23°45	15°53	24°17	22°45	21°22	4°21	3°33	5° 1	20°52	W15
T 16	21 38 59	23°35'09	10♒44	27°17	18°48	2°52	23°39	15°49	24°20	22°44	21°24	4°12	3°30	5° 8	20°55	T 16
F 17	21 42 56	24°32'44	24°41	29°15	20° 2	3°30	23°33	15°45	24°22	22°44	21°26	4° 1	3°27	5°15	20°58	F 17
S 18	21 46 52	25°30'21	8♓22	1♍13	21°16	4° 8	23°28	15°40	24°24	22°43	21°28	3°49	3°24	5°21	21° 1	S 18
S 19	21 50 49	26°27'58	21°43	3° 8	22°30	4°46	23°22	15°36	24°26	22°42	21°29	3°37	3°20	5°28	21° 4	S 19
M20	21 54 46	27°25'38	4♈42	5° 3	23°44	5°24	23°17	15°31	24°28	22°42	21°31	3°27	3°17	5°35	21° 7	M20
T 21	21 58 42	28°23'18	17°21	6°56	24°58	6° 2	23°12	15°27	24°30	22°41	21°33	3°20	3°14	5°41	21°10	T 21
W22	22 2 39	29°21'01	29°40	8°48	26°12	6°40	23° 7	15°23	24°32	22°40	21°35	3°15	3°11	5°48	21°13	W22
T 23	22 6 35	0♍18'44	11♉45	10°38	27°27	7°18	23° 2	15°19	24°34	22°39	21°37	3°12	3° 8	5°55	21°17	T 23
F 24	22 10 32	1°16'30	23°39	12°27	28°41	7°56	22°58	15°14	24°36	22°38	21°39	3°11	3° 5	6° 1	21°20	F 24
S 25	22 14 28	2°14'17	5♊28	14°14	29°55	8°34	22°53	15°10	24°38	22°37	21°40	3°11	3° 1	6° 8	21°24	S 25
S 26	22 18 25	3°12'06	17°17	16° 0	1♍ 9	9°12	22°49	15° 6	24°39	22°36	21°42	3°11	2°58	6°15	21°28	S 26
M27	22 22 21	4° 9'56	29°11	17°45	2°24	9°51	22°45	15° 2	24°41	22°35	21°44	3° 9	2°55	6°21	21°31	M27
T 28	22 26 18	5° 7'49	11♋17	19°28	3°38	10°29	22°41	14°58	24°43	22°34	21°46	3° 5	2°52	6°28	21°35	T 28
W29	22 30 15	6° 5'42	23°37	21°10	4°52	11° 8	22°37	14°54	24°44	22°33	21°48	2°59	2°49	6°34	21°39	W29
T 30	22 34 11	7° 3'38	6♌15	22°51	6° 7	11°46	22°33	14°50	24°46	22°32	21°49	2°50	2°46	6°41	21°43	T 30
F 31	22 38 8	8♍ 1'35	19♌12	24♍30	7♍21	12♎25	22♑30	14♒46	24♊48	22♈31	21♌51	2♐39	2♐42	6♊48	21♏47	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
W 1	17n56	19n18	3s15	21n25	0n37	20n45	0n42	3n14	0n43	21s28	0s26	16s41	0s59	23n21	0n 5	7n22	1s38	22n 9	8n 5	21s14		20s59		20n54		14s52	3n 4
T 2	17 40	16 38	4 1	21 11	0 47	20 31	0 44	2 58	0 43	21 30	0 26	16 42	0 59	23 21	0 5	7 22	1 38	22 8	8 5	21 12		20 58		20 54		14 52	3 4
F 3	17 25	13 9	4 35	20 55	0 57	20 16	0 46	2 43	0 42	21 31	0 26	16 44	0 59	23 21	0 5	7 21	1 38	22 8	8 5	21 11		20 58		20 55		14 53	3 4
S 4	17 9	8 59	4 57	20 36	1 5	20 1	0 48	2 28	0 41	21 33	0 26	16 45	0 59	23 21	0 5	7 21	1 38	22 7	8 5	21 9		20 57		20 55		14 53	3 4
S 5	16 53	4 20	5 3	20 15	1 13	19 45	0 50	2 13	0 41	21 34	0 26	16 46	0 59	23 21	0 5	7 21	1 38	22 7	8 5	21 7		20 56		20 55		14 54	3 4
M 6	16 36	0s35	4 52	19 51	1 20	19 28	0 52	1 57	0 40	21 35	0 26	16 48	0 59	23 22	0 5	7 21	1 38	22 6	8 5	21 5		20 56		20 56		14 54	3 4
T 7	16 20	5 33	4 25	19 25	1 26	19 11	0 54	1 42	0 39	21 37	0 26	16 49	0 59	23 22	0 5	7 21	1 38	22 5	8 5	21 3		20 55		20 56		14 55	3 4
W 8	16 3	10 18	3 43	18 56	1 31	18 54	0 56	1 26	0 39	21 38	0 26	16 51	0 59	23 22	0 5	7 21	1 38	22 5	8 5	21 2		20 55		20 56		14 55	3 4
T 9	15 46	14 33	2 46	18 25	1 35	18 36	0 57	1 11	0 38	21 39	0 27	16 52	0 59	23 22	0 5	7 20	1 38	22 4	8 5	21 2		20 54		20 57		14 56	3 4
F 10	15 28	18 2	1 40	17 53	1 39	18 17	0 59	0 55	0 37	21 41	0 27	16 54	1 0	23 22	0 5	7 20	1 38	22 4	8 6	21 2		20 53		20 57		14 56	3 4
S 11	15 11	20 28	0 27	17 18	1 42	17 58	1 1	0 40	0 37	21 42	0 27	16 55	1 0	23 22	0 5	7 20	1 38	22 3	8 6	21 2		20 53		20 58		14 57	3 4
S 12	14 53	21 37	0n49	16 42	1 44	17 39	1 2	0 24	0 36	21 43	0 27	16 56	1 0	23 22	0 5	7 20	1 38	22 3	8 6	21 2		20 52		20 58		14 58	3 4
M13	14 34	21 23	2 1	16 4	1 45	17 19	1 4	0 9	0 35	21 44	0 27	16 58	1 0	23 22	0 5	7 19	1 38	22 2	8 6	21 1		20 52		20 58		14 58	3 4
T 14	14 16	19 45	3 6	15 24	1 46	16 58	1 5	0s 7	0 35	21 45	0 27	16 59	1 0	23 23	0 5	7 19	1 38	22 2	8 6	21 1		20 51		20 59		14 59	3 4
W15	13 57	16 54	3 59	14 44	1 45	16 37	1 7	0 22	0 34	21 46	0 27	17 1	1 0	23 23	0 5	7 19	1 39	22 1	8 6	20 59		20 50		20 59		15 0	3 4
T 16	13 39	13 5	4 37	14 2	1 45	16 15	1 8	0 38	0 33	21 47	0 27	17 2	1 0	23 23	0 5	7 19	1 39	22 0	8 6	20 58		20 50		20 59		15 1	3 4
F 17	13 20	8 36	4 57	13 20	1 43	15 54	1 10	0 53	0 33	21 48	0 27	17 3	1 0	23 23	0 5	7 18	1 39	22 0	8 6	20 56		20 49		21 0		15 2	3 3
S 18	13 0	3 47	5 0	12 37	1 41	15 31	1 11	1 9	0 32	21 49	0 27	17 5	1 0	23 23	0 5	7 18	1 39	21 59	8 6	20 53		20 49		21 0		15 2	3 3
S 19	12 41	1n 6	4 46	11 53	1 39	15 8	1 12	1 25	0 31	21 50	0 27	17 6	1 0	23 23	0 5	7 18	1 39	21 59	8 6	20 51		20 48		21 0		15 3	3 3
M20	12 21	5 49	4 18	11 8	1 36	14 45	1 14	1 40	0 31	21 51	0 27	17 7	1 0	23 23	0 5	7 17	1 39	21 58	8 6	20 49		20 47		21 0		15 4	3 3
T 21	12 1	10 9	3 38	10 23	1 32	14 21	1 15	1 56	0 30	21 52	0 28	17 9	1 0	23 23	0 5	7 17	1 39	21 58	8 6	20 48		20 47		21 1		15 5	3 3
W22	11 41	13 57	2 48	9 38	1 28	13 57	1 16	2 12	0 29	21 53	0 28	17 10	1 0	23 23	0 5	7 17	1 39	21 57	8 7	20 47		20 46		21 1		15 6	3 3
T 23	11 21	17 6	1 51	8 52	1 24	13 33	1 17	2 27	0 29	21 54	0 28	17 11	1 0	23 23	0 5	7 16	1 39	21 57	8 7	20 46		20 46		21 1		15 7	3 3
F 24	11 1	19 29	0 50	8 6	1 19	13 8	1 18	2 43	0 28	21 55	0 28	17 13	1 0	23 24	0 5	7 16	1 39	21 56	8 7	20 46		20 45		21 2		15 8	3 3
S 25	10 40	21 0	0s12	7 20	1 14	12 43	1 19	2 59	0 27	21 56	0 28	17 14	1 1	23 24	0 5	7 15	1 39	21 56	8 7	20 46		20 44		21 2		15 9	3 3
S 26	10 19	21 35	1 14	6 34	1 8	12 17	1 20	3 14	0 27	21 57	0 28	17 15	1 1	23 24	0 5	7 15	1 39	21 55	8 7	20 46		20 44		21 2		15 10	3 3
M27	9 58	21 11	2 13	5 48	1 2	11 52	1 20	3 30	0 26	21 57	0 28	17 16	1 1	23 24	0 6	7 15	1 39	21 55	8 7	20 46		20 43		21 2		15 11	3 3
T 28	9 37	19 50	3 7	5 2	0 56	11 25	1 21	3 46	0 25	21 58	0 28	17 18	1 1	23 24	0 6	7 14	1 39	21 54	8 7	20 45		20 42		21 3		15 12	3 3
W29	9 16	17 31	3 53	4 16	0 50	10 59	1 22	4 1	0 25	21 59	0 28	17 19	1 1	23 24	0 6	7 14	1 39	21 54	8 7	20 44		20 42		21 3		15 13	3 3
T 30	8 55	14 20	4 29	3 30	0 43	10 32	1 22	4 17	0 24	21 59	0 28	17 20	1 1	23 24	0 6	7 13	1 39	21 53	8 7	20 42		20 41		21 3		15 14	3 3
F 31	8n33	10n24	4s53	2n44	0n36	10n 5	1n23	4s33	0n23	22s 0	0s28	17s21	1s 1	23n24	0n 6	7n13	1s39	21n53	8n 8	20s40		20s41		21n 3		15s15	3n 3

Julian Day Number = 2524075.5, Delta T = 161.62 sec
Ecliptic obliquity = 23°24'44, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°30'56, Lahiri = 26°37'56

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2198
geocentric

SEPTEMBER 2198 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 42 4	8♍59'34	2♍29	26♍ 8	8♍35	13♎ 4	22°R27	14°R42	24♊49	22°R30	21♌53	2°R26	2♐39	6♊54	21♏52	S 1
S 2	22 46 1	9°57'34	16° 4	27°45	9°50	13°42	22♑24	14♒38	24°51	22♈29	21°55	2♐14	2°36	7° 1	21°56	S 2
M 3	22 49 57	10°55'36	29°54	29°20	11° 4	14°21	22°21	14°34	24°52	22°28	21°57	2° 3	2°33	7° 8	22° 0	M 3
T 4	22 53 54	11°53'40	13♎55	0♎54	12°19	15° 0	22°18	14°31	24°53	22°27	21°58	1°54	2°30	7°14	22° 5	T 4
W 5	22 57 50	12°51'44	28° 2	2°27	13°33	15°39	22°16	14°27	24°55	22°26	22° 0	1°48	2°26	7°21	22° 9	W 5
T 6	23 1 47	13°49'51	12♏12	3°59	14°47	16°18	22°13	14°23	24°56	22°24	22° 2	1°45	2°23	7°28	22°14	T 6
F 7	23 5 43	14°47'59	26°22	5°29	16° 2	16°57	22°11	14°20	24°57	22°23	22° 4	1°D44	2°20	7°34	22°19	F 7
S 8	23 9 40	15°46'08	10♐31	6°58	17°16	17°36	22° 9	14°16	24°58	22°22	22° 5	1°R44	2°17	7°41	22°23	S 8
S 9	23 13 37	16°44'18	24°37	8°26	18°31	18°15	22° 7	14°13	24°59	22°21	22° 7	1°43	2°14	7°48	22°28	S 9
M10	23 17 33	17°42'31	8♑40	9°53	19°45	18°54	22° 6	14°10	25° 0	22°19	22° 9	1°42	2°11	7°54	22°33	M10
T 11	23 21 30	18°40'44	22°38	11°18	21° 0	19°33	22° 4	14° 6	25° 2	22°18	22°10	1°38	2° 7	8° 1	22°38	T 11
W12	23 25 26	19°38'59	6♒29	12°42	22°14	20°12	22° 3	14° 3	25° 2	22°17	22°12	1°32	2° 4	8° 7	22°44	W12
T 13	23 29 23	20°37'15	20°13	14° 4	23°29	20°52	22° 2	14° 0	25° 3	22°15	22°14	1°23	2° 1	8°14	22°49	T 13
F 14	23 33 19	21°35'33	3♓45	15°25	24°44	21°31	22° 1	13°57	25° 4	22°14	22°15	1°12	1°58	8°21	22°54	F 14
S 15	23 37 16	22°33'53	17° 4	16°45	25°58	22°11	22° 1	13°54	25° 5	22°13	22°17	1° 1	1°55	8°27	22°59	S 15
S 16	23 41 12	23°32'15	0♈ 7	18° 3	27°13	22°50	22° 0	13°51	25° 6	22°11	22°19	0°49	1°51	8°34	23° 5	S 16
M17	23 45 9	24°30'38	12°54	19°20	28°27	23°30	22° 0	13°48	25° 7	22°10	22°20	0°40	1°48	8°41	23°10	M17
T 18	23 49 6	25°29'03	25°24	20°35	29°42	24° 9	22°D 0	13°45	25° 7	22° 8	22°22	0°32	1°45	8°47	23°16	T 18
W19	23 53 2	26°27'31	7♉38	21°49	0♎56	24°49	22° 0	13°43	25° 8	22° 7	22°24	0°27	1°42	8°54	23°21	W19
T 20	23 56 59	27°26'00	19°40	23° 0	2°11	25°29	22° 0	13°40	25° 8	22° 5	22°25	0°25	1°39	9° 1	23°27	T 20
F 21	0 0 55	28°24'32	1♊33	24°10	3°26	26° 8	22° 1	13°38	25° 9	22° 4	22°27	0°D24	1°36	9° 7	23°33	F 21
S 22	0 4 52	29°23'05	13°21	25°18	4°40	26°48	22° 2	13°35	25° 9	22° 2	22°28	0°25	1°32	9°14	23°39	S 22
S 23	0 8 48	0♎21'41	25° 9	26°24	5°55	27°28	22° 3	13°33	25°10	22° 1	22°30	0°R25	1°29	9°21	23°45	S 23
M24	0 12 45	1°20'20	7♋ 4	27°28	7°10	28° 8	22° 4	13°31	25°10	21°59	22°31	0°25	1°26	9°27	23°51	M24
T 25	0 16 41	2°19'00	19°10	28°30	8°24	28°48	22° 5	13°28	25°11	21°58	22°33	0°24	1°23	9°34	23°57	T 25
W26	0 20 38	3°17'42	1♌32	29°29	9°39	29°28	22° 7	13°26	25°11	21°56	22°34	0°20	1°20	9°41	24° 3	W26
T 27	0 24 35	4°16'27	14°14	0♏25	10°54	0♏ 8	22° 8	13°24	25°11	21°55	22°36	0°14	1°17	9°47	24° 9	T 27
F 28	0 28 31	5°15'14	27°19	1°18	12° 8	0°49	22°10	13°22	25°11	21°53	22°37	0° 6	1°13	9°54	24°15	F 28
S 29	0 32 28	6°14'03	10♍49	2° 9	13°23	1°29	22°12	13°21	25°11	21°52	22°39	29♏58	1°10	10° 0	24°21	S 29
S 30	0 36 24	7♎12'54	24♍41	2♏56	14♎38	2♏ 9	22♑14	13♒19	25°R11	21♈50	22♌40	29♏49	1♐ 7	10♊ 7	24♏28	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n11	5n54	5s 1	1n59	0n29	9n38	1n23	4s48	0n23	22s 1	0s28	17s22	1s 1	23n24	0n 6	7n13	1s39	21n52	8n 8	20s38	20s40	21n 4	15s16	3n 3
S 2	7 50	1 0	4 52	1 14	0 22	9 10	1 24	5 4	0 22	22 1	0 28	17 24	1 1	23 24	0 6	7 12	1 39	21 52	8 8	20 35	20 39	21 4	15 17	3 3
M 3	7 28	4s 2	4 26	0 29	0 15	8 42	1 24	5 19	0 21	22 2	0 28	17 25	1 1	23 24	0 6	7 12	1 39	21 51	8 8	20 33	20 39	21 4	15 18	3 3
T 4	7 6	8 56	3 44	0s15	0 7	8 14	1 24	5 35	0 21	22 2	0 28	17 26	1 1	23 24	0 6	7 11	1 39	21 51	8 8	20 31	20 38	21 4	15 20	3 2
W 5	6 43	13 23	2 48	0 59	0s 1	7 46	1 25	5 51	0 20	22 3	0 28	17 27	1 1	23 25	0 6	7 11	1 40	21 51	8 8	20 30	20 38	21 5	15 21	3 2
T 6	6 21	17 5	1 42	1 43	0 9	7 17	1 25	6 6	0 19	22 3	0 29	17 28	1 1	23 25	0 6	7 10	1 40	21 50	8 8	20 29	20 37	21 5	15 22	3 2
F 7	5 59	19 47	0 28	2 26	0 17	6 48	1 25	6 22	0 19	22 3	0 29	17 29	1 1	23 25	0 6	7 10	1 40	21 50	8 9	20 29	20 36	21 5	15 23	3 2
S 8	5 36	21 14	0n47	3 9	0 25	6 19	1 25	6 37	0 18	22 4	0 29	17 30	1 1	23 25	0 6	7 9	1 40	21 49	8 9	20 29	20 36	21 5	15 24	3 2
S 9	5 14	21 20	1 58	3 51	0 33	5 50	1 25	6 53	0 17	22 4	0 29	17 31	1 1	23 25	0 6	7 9	1 40	21 49	8 9	20 29	20 35	21 5	15 26	3 2
M10	4 51	20 5	3 3	4 32	0 41	5 21	1 25	7 8	0 17	22 4	0 29	17 32	1 1	23 25	0 6	7 8	1 40	21 48	8 9	20 29	20 34	21 6	15 27	3 2
T 11	4 28	17 38	3 56	5 13	0 49	4 52	1 25	7 24	0 16	22 5	0 29	17 33	1 1	23 25	0 6	7 8	1 40	21 48	8 9	20 28	20 34	21 6	15 28	3 2
W12	4 6	14 12	4 34	5 54	0 57	4 22	1 24	7 39	0 16	22 5	0 29	17 34	1 1	23 25	0 6	7 7	1 40	21 48	8 9	20 27	20 33	21 6	15 30	3 2
T 13	3 43	10 2	4 57	6 33	1 6	3 52	1 24	7 54	0 15	22 5	0 29	17 35	1 1	23 25	0 6	7 7	1 40	21 47	8 10	20 25	20 33	21 6	15 31	3 2
F 14	3 20	5 26	5 2	7 12	1 14	3 22	1 24	8 10	0 14	22 5	0 29	17 36	1 1	23 25	0 6	7 6	1 40	21 47	8 10	20 23	20 32	21 6	15 32	3 2
S 15	2 57	0 38	4 51	7 51	1 22	2 52	1 23	8 25	0 14	22 5	0 29	17 37	1 1	23 25	0 6	7 6	1 40	21 46	8 10	20 20	20 31	21 7	15 34	3 2
S 16	2 34	4n 5	4 24	8 28	1 31	2 22	1 23	8 40	0 13	22 6	0 29	17 38	1 1	23 25	0 6	7 5	1 40	21 46	8 10	20 18	20 31	21 7	15 35	3 2
M17	2 11	8 32	3 45	9 5	1 39	1 52	1 22	8 55	0 12	22 6	0 29	17 38	1 1	23 25	0 6	7 4	1 40	21 46	8 10	20 16	20 30	21 7	15 36	3 2
T 18	1 48	12 32	2 55	9 41	1 47	1 22	1 22	9 11	0 12	22 6	0 29	17 39	1 1	23 25	0 6	7 4	1 40	21 45	8 11	20 14	20 29	21 7	15 38	3 2
W19	1 24	15 55	1 59	10 16	1 55	0 52	1 21	9 26	0 11	22 6	0 29	17 40	1 1	23 25	0 6	7 3	1 40	21 45	8 11	20 13	20 29	21 7	15 39	3 2
T 20	1 1	18 33	0 57	10 50	2 3	0 22	1 20	9 41	0 10	22 6	0 29	17 41	1 1	23 25	0 6	7 3	1 40	21 45	8 11	20 13	20 28	21 7	15 41	3 2
F 21	0 38	20 21	0s 6	11 23	2 11	0s 9	1 19	9 56	0 10	22 6	0 29	17 42	1 1	23 25	0 6	7 2	1 40	21 44	8 11	20 13	20 27	21 8	15 42	3 2
S 22	0 15	21 14	1 9	11 56	2 18	0 39	1 18	10 11	0 9	22 6	0 29	17 42	1 1	23 25	0 6	7 2	1 40	21 44	8 11	20 13	20 27	21 8	15 43	3 2
S 23	0s 9	21 11	2 9	12 27	2 26	1 10	1 18	10 26	0 8	22 5	0 29	17 43	1 1	23 25	0 6	7 1	1 40	21 44	8 12	20 13	20 26	21 8	15 45	3 2
M24	0 32	20 10	3 4	12 57	2 33	1 40	1 17	10 41	0 8	22 5	0 29	17 44	1 1	23 25	0 6	7 0	1 40	21 43	8 12	20 13	20 25	21 8	15 46	3 2
T 25	0 55	18 14	3 51	13 25	2 40	2 10	1 16	10 55	0 7	22 5	0 29	17 44	1 1	23 25	0 6	7 0	1 40	21 43	8 12	20 13	20 25	21 8	15 48	3 2
W26	1 19	15 25	4 29	13 53	2 47	2 41	1 14	11 10	0 7	22 5	0 29	17 45	1 1	23 25	0 6	6 59	1 40	21 43	8 12	20 12	20 24	21 8	15 49	3 2
T 27	1 42	11 50	4 55	14 19	2 54	3 11	1 13	11 25	0 6	22 5	0 29	17 45	1 1	23 25	0 6	6 59	1 40	21 43	8 12	20 11	20 24	21 8	15 51	3 2
F 28	2 5	7 36	5 6	14 44	3 0	3 41	1 12	11 40	0 5	22 4	0 29	17 46	1 1	23 25	0 6	6 58	1 40	21 42	8 13	20 9	20 23	21 8	15 52	3 2
S 29	2 28	2 52	5 1	15 7	3 6	4 11	1 11	11 54	0 5	22 4	0 29	17 46	1 1	23 25	0 6	6 57	1 40	21 42	8 13	20 7	20 22	21 8	15 54	3 2
S 30	2s52	2s 9	4s38	15s28	3s12	4s42	1n 9	12s 9	0n 4	22s 4	0s29	17s47	1s 1	23n25	0n 6	6n57	1s40	21n42	8n13	20s 5	20s22	21n 9	15s55	3n 2

Julian Day Number = 2524106.5, Delta T = 161.70 sec
Ecliptic obliquity = 23°24'45, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°31'00, Lahiri = 26°38'00

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2198
geocentric

OCTOBER 2198 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 40 21	8♎11'47	8♎52	3♏39	15♎52	2♏50	22♑17	13°R17	25°R11	21°R48	22♌41	29°R40	1♐ 4	10♊14	24♏34	M 1
T 2	0 44 17	9°10'42	23°17	4°19	17° 7	3°30	22°20	13♒16	25♊11	21♈47	22°43	29♏34	1° 1	10°20	24°40	T 2
W 3	0 48 14	10° 9'39	7♏50	4°54	18°22	4°11	22°22	13°14	25°11	21°45	22°44	29°30	0°57	10°27	24°47	W 3
T 4	0 52 10	11° 8'38	22°25	5°24	19°37	4°51	22°25	13°13	25°11	21°43	22°45	29°28	0°54	10°34	24°54	T 4
F 5	0 56 7	12° 7'39	6♐56	5°50	20°51	5°32	22°29	13°12	25°11	21°42	22°47	29°D28	0°51	10°40	25° 0	F 5
S 6	1 0 3	13° 6'41	21°18	6° 9	22° 6	6°12	22°32	13°10	25°10	21°40	22°48	29°29	0°48	10°47	25° 7	S 6
S 7	1 4 0	14° 5'46	5♑30	6°23	23°21	6°53	22°36	13° 9	25°10	21°38	22°49	29°30	0°45	10°54	25°14	S 7
M 8	1 7 57	15° 4'52	19°30	6°31	24°36	7°34	22°39	13° 8	25°10	21°37	22°51	29°R30	0°42	11° 0	25°20	M 8
T 9	1 11 53	16° 4'00	3♒17	6°R32	25°50	8°15	22°43	13° 7	25° 9	21°35	22°52	29°29	0°38	11° 7	25°27	T 9
W10	1 15 50	17° 3'09	16°51	6°25	27° 5	8°56	22°47	13° 7	25° 9	21°33	22°53	29°26	0°35	11°14	25°34	W10
T 11	1 19 46	18° 2'20	0♓13	6°11	28°20	9°37	22°52	13° 6	25° 8	21°32	22°54	29°20	0°32	11°20	25°41	T 11
F 12	1 23 43	19° 1'33	13°22	5°49	29°35	10°18	22°56	13° 5	25° 8	21°30	22°55	29°14	0°29	11°27	25°48	F 12
S 13	1 27 39	20° 0'48	26°17	5°19	0♏49	10°59	23° 1	13° 5	25° 7	21°28	22°57	29° 7	0°26	11°33	25°55	S 13
S 14	1 31 36	21° 0'05	9♈ 0	4°40	2° 4	11°40	23° 6	13° 5	25° 6	21°27	22°58	29° 0	0°22	11°40	26° 2	S 14
M15	1 35 32	21°59'23	21°29	3°54	3°19	12°21	23°11	13° 4	25° 6	21°25	22°59	28°55	0°19	11°47	26° 9	M15
T 16	1 39 29	22°58'44	3♉46	3° 0	4°34	13° 2	23°16	13° 4	25° 5	21°23	23° 0	28°50	0°16	11°53	26°16	T 16
W17	1 43 26	23°58'07	15°52	1°59	5°48	13°43	23°21	13°D 4	25° 4	21°22	23° 1	28°48	0°13	12° 0	26°23	W17
T 18	1 47 22	24°57'32	27°49	0°53	7° 3	14°25	23°27	13° 4	25° 3	21°20	23° 2	28°D47	0°10	12° 7	26°31	T 18
F 19	1 51 19	25°56'59	9♊39	29♎42	8°18	15° 6	23°32	13° 4	25° 2	21°18	23° 3	28°47	0° 7	12°13	26°38	F 19
S 20	1 55 15	26°56'29	21°26	28°29	9°33	15°48	23°38	13° 4	25° 1	21°17	23° 4	28°49	0° 3	12°20	26°45	S 20
S 21	1 59 12	27°56'00	3♋14	27°15	10°47	16°29	23°44	13° 5	25° 0	21°15	23° 5	28°51	0° 0	12°27	26°52	S 21
M22	2 3 8	28°55'34	15° 8	26° 3	12° 2	17°11	23°50	13° 5	24°59	21°13	23° 6	28°52	29♏57	12°33	27° 0	M22
T 23	2 7 5	29°55'11	27°12	24°55	13°17	17°52	23°56	13° 6	24°58	21°12	23° 7	28°R53	29°54	12°40	27° 7	T 23
W24	2 11 1	0♏54'49	9♌32	23°52	14°32	18°34	24° 3	13° 6	24°57	21°10	23° 8	28°53	29°51	12°47	27°15	W24
T 25	2 14 58	1°54'30	22°12	22°58	15°47	19°16	24°10	13° 7	24°56	21° 9	23° 9	28°51	29°48	12°53	27°22	T 25
F 26	2 18 55	2°54'13	5♍15	22°12	17° 1	19°58	24°16	13° 8	24°55	21° 7	23° 9	28°48	29°44	13° 0	27°30	F 26
S 27	2 22 51	3°53'58	18°45	21°37	18°16	20°40	24°23	13° 9	24°53	21° 5	23°10	28°45	29°41	13° 7	27°37	S 27
S 28	2 26 48	4°53'45	2♎42	21°12	19°31	21°22	24°30	13°10	24°52	21° 4	23°11	28°41	29°38	13°13	27°45	S 28
M29	2 30 44	5°53'34	17° 3	20°59	20°46	22° 4	24°38	13°11	24°51	21° 2	23°12	28°38	29°35	13°20	27°52	M29
T 30	2 34 41	6°53'26	1♏44	20°D58	22° 1	22°46	24°45	13°12	24°49	21° 0	23°12	28°36	29°32	13°26	28° 0	T 30
W31	2 38 37	7♏53'20	16♏38	21♎ 7	23♏15	23♏28	24♑53	13♒14	24♊48	20♈59	23♌13	28♏34	29♏28	13♊33	28♏ 8	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	3s15	7s10	3s58	15s48	3s17	5s12	1n 8	12s23	0n 3	22s 3	0s29	17s47	1s 1	23n26	0n 6	6n56	1s40	21n41	8n13	20s 3	20s21	21n 9	15s57	3n 2
T 2	3 38	11 52	3 2	16 6	3 21	5 41	1 7	12 37	0 3	22 3	0 29	17 48	1 1	23 26	0 6	6 56	1 40	21 41	8 14	20 2	20 20	21 9	15 58	3 2
W 3	4 1	15 54	1 54	16 22	3 25	6 11	1 5	12 52	0 2	22 2	0 29	17 48	1 1	23 26	0 6	6 55	1 40	21 41	8 14	20 1	20 20	21 9	16 0	3 2
T 4	4 24	18 58	0 38	16 35	3 29	6 41	1 4	13 6	0 2	22 2	0 29	17 49	1 1	23 26	0 6	6 54	1 40	21 41	8 14	20 1	20 19	21 9	16 1	3 2
F 5	4 47	20 47	0n40	16 46	3 31	7 11	1 2	13 20	0 1	22 1	0 29	17 49	1 1	23 26	0 6	6 54	1 40	21 41	8 14	20 1	20 18	21 9	16 3	3 2
S 6	5 10	21 12	1 55	16 54	3 33	7 40	1 0	13 34	0 0	22 1	0 29	17 49	1 1	23 26	0 6	6 53	1 40	21 40	8 15	20 1	20 18	21 9	16 4	3 2
S 7	5 33	20 15	3 3	17 0	3 34	8 9	0 59	13 48	0s 0	22 0	0 29	17 50	1 1	23 26	0 6	6 52	1 40	21 40	8 15	20 1	20 17	21 9	16 6	3 2
M 8	5 56	18 4	3 58	17 2	3 34	8 38	0 57	14 2	0 1	22 0	0 29	17 50	1 1	23 26	0 6	6 52	1 40	21 40	8 15	20 1	20 16	21 9	16 7	3 2
T 9	6 19	14 53	4 38	17 1	3 32	9 7	0 55	14 16	0 1	21 59	0 29	17 50	1 1	23 26	0 6	6 51	1 40	21 40	8 15	20 1	20 16	21 9	16 9	3 2
W10	6 41	10 57	5 2	16 57	3 30	9 36	0 53	14 29	0 2	21 58	0 30	17 50	1 1	23 26	0 6	6 51	1 40	21 40	8 16	20 0	20 15	21 9	16 11	3 2
T 11	7 4	6 33	5 10	16 48	3 26	10 4	0 51	14 43	0 3	21 58	0 30	17 50	1 1	23 26	0 6	6 50	1 40	21 39	8 16	19 59	20 14	21 9	16 12	3 3
F 12	7 27	1 54	5 1	16 36	3 21	10 32	0 49	14 57	0 3	21 57	0 30	17 51	1 1	23 26	0 6	6 49	1 40	21 39	8 16	19 58	20 14	21 9	16 14	3 3
S 13	7 49	2n45	4 36	16 19	3 14	11 0	0 47	15 10	0 4	21 56	0 30	17 51	1 1	23 26	0 6	6 49	1 40	21 39	8 16	19 56	20 13	21 9	16 15	3 3
S 14	8 11	7 13	3 58	15 58	3 5	11 28	0 45	15 23	0 5	21 55	0 30	17 51	1 1	23 26	0 6	6 48	1 40	21 39	8 17	19 55	20 12	21 9	16 17	3 3
M15	8 33	11 18	3 9	15 32	2 54	11 56	0 43	15 36	0 5	21 55	0 30	17 51	1 1	23 26	0 6	6 47	1 40	21 39	8 17	19 54	20 12	21 10	16 18	3 3
T 16	8 55	14 50	2 12	15 2	2 42	12 23	0 41	15 50	0 6	21 54	0 30	17 51	1 1	23 25	0 6	6 47	1 40	21 39	8 17	19 53	20 11	21 10	16 20	3 3
W17	9 17	17 41	1 10	14 28	2 28	12 50	0 39	16 3	0 6	21 53	0 30	17 51	1 1	23 25	0 6	6 46	1 40	21 39	8 17	19 52	20 10	21 10	16 21	3 3
T 18	9 39	19 44	0 5	13 49	2 12	13 16	0 37	16 15	0 7	21 52	0 30	17 51	1 1	23 25	0 6	6 46	1 40	21 39	8 18	19 52	20 10	21 10	16 23	3 3
F 19	10 1	20 54	0s59	13 8	1 54	13 42	0 35	16 28	0 8	21 51	0 30	17 51	1 1	23 25	0 6	6 45	1 40	21 39	8 18	19 52	20 9	21 10	16 25	3 3
S 20	10 22	21 7	2 1	12 25	1 35	14 8	0 32	16 41	0 8	21 50	0 30	17 51	1 1	23 25	0 6	6 44	1 40	21 38	8 18	19 52	20 8	21 10	16 26	3 3
S 21	10 44	20 24	2 58	11 40	1 16	14 34	0 30	16 53	0 9	21 49	0 30	17 51	1 1	23 25	0 6	6 44	1 40	21 38	8 19	19 53	20 8	21 10	16 28	3 3
M22	11 5	18 47	3 48	10 54	0 55	14 59	0 28	17 6	0 9	21 48	0 30	17 50	1 1	23 25	0 6	6 43	1 40	21 38	8 19	19 53	20 7	21 10	16 29	3 3
T 23	11 26	16 19	4 28	10 10	0 34	15 24	0 26	17 18	0 10	21 47	0 30	17 50	1 1	23 25	0 6	6 42	1 40	21 38	8 19	19 53	20 6	21 10	16 31	3 3
W24	11 47	13 4	4 57	9 28	0 14	15 49	0 23	17 30	0 11	21 46	0 30	17 50	1 1	23 25	0 6	6 42	1 40	21 38	8 19	19 53	20 6	21 10	16 33	3 4
T 25	12 7	9 10	5 13	8 49	0n 6	16 13	0 21	17 42	0 11	21 45	0 30	17 50	1 1	23 25	0 6	6 41	1 40	21 38	8 20	19 53	20 5	21 10	16 34	3 4
F 26	12 28	4 43	5 13	8 15	0 25	16 36	0 18	17 54	0 12	21 44	0 30	17 49	1 1	23 25	0 6	6 41	1 40	21 38	8 20	19 52	20 4	21 10	16 36	3 4
S 27	12 48	0s 6	4 56	7 45	0 43	16 59	0 16	18 6	0 12	21 42	0 30	17 49	1 1	23 25	0 6	6 40	1 40	21 38	8 20	19 52	20 4	21 9	16 37	3 4
S 28	13 8	5 4	4 21	7 21	0 59	17 22	0 14	18 17	0 13	21 41	0 30	17 49	1 1	23 25	0 6	6 39	1 40	21 38	8 21	19 51	20 3	21 9	16 39	3 4
M29	13 28	9 55	3 29	7 3	1 14	17 45	0 11	18 29	0 14	21 40	0 30	17 49	1 1	23 25	0 6	6 39	1 40	21 38	8 21	19 50	20 2	21 9	16 40	3 4
T 30	13 48	14 18	2 23	6 50	1 27	18 7	0 9	18 40	0 14	21 38	0 30	17 48	1 0	23 25	0 6	6 38	1 40	21 38	8 21	19 49	20 2	21 9	16 42	3 4
W31	14s 7	17s50	1s 5	6s43	1n38	18s28	0n 6	18s51	0s15	21s37	0s30	17s48	1s 0	23n25	0n 6	6n38	1s40	21n38	8n21	19s49	20s 1	21n 9	16s43	3n 4

Julian Day Number = 2524136.5, Delta T = 161.78 sec
Ecliptic obliquity = 23°24'45, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°31'04, Lahiri = 26°38'04

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2198
geocentric

NOVEMBER 2198 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 42 34	8♏53'15	1♐37	21♎27	24♏30	24♏10	25♑ 0	13♒15	24°R46	20°R57	23♌14	28°D34	29♏25	13♊40	28♏15	T 1
F 2	2 46 30	9°53'12	16°32	21°57	25°45	24°52	25° 8	13°17	24♊45	20♈56	23°14	28♏34	29°22	13°46	28°23	F 2
S 3	2 50 27	10°53'12	1♑17	22°36	27° 0	25°35	25°16	13°18	24°43	20°54	23°15	28°36	29°19	13°53	28°31	S 3
S 4	2 54 24	11°53'12	15°46	23°23	28°15	26°17	25°24	13°20	24°41	20°53	23°16	28°37	29°16	14° 0	28°38	S 4
M 5	2 58 20	12°53'14	29°55	24°18	29°29	26°59	25°32	13°22	24°40	20°51	23°16	28°38	29°13	14° 6	28°46	M 5
T 6	3 2 17	13°53'18	13♒43	25°19	0♐44	27°42	25°41	13°24	24°38	20°50	23°17	28°R38	29° 9	14°13	28°54	T 6
W 7	3 6 13	14°53'23	27°12	26°25	1°59	28°24	25°49	13°26	24°36	20°48	23°17	28°38	29° 6	14°20	29° 2	W 7
T 8	3 10 10	15°53'30	10♓21	27°37	3°14	29° 7	25°58	13°28	24°34	20°47	23°18	28°37	29° 3	14°26	29°10	T 8
F 9	3 14 6	16°53'38	23°13	28°53	4°28	29°50	26° 7	13°30	24°32	20°45	23°18	28°35	29° 0	14°33	29°17	F 9
S 10	3 18 3	17°53'48	5♈50	0♏12	5°43	0♐32	26°16	13°32	24°31	20°44	23°19	28°34	28°57	14°40	29°25	S 10
S 11	3 21 59	18°54'00	18°14	1°34	6°58	1°15	26°25	13°35	24°29	20°42	23°19	28°32	28°54	14°46	29°33	S 11
M12	3 25 56	19°54'13	0♉27	2°59	8°13	1°58	26°34	13°37	24°27	20°41	23°19	28°31	28°50	14°53	29°41	M12
T 13	3 29 53	20°54'28	12°31	4°26	9°28	2°41	26°43	13°40	24°25	20°39	23°20	28°30	28°47	15° 0	29°49	T 13
W14	3 33 49	21°54'44	24°28	5°55	10°42	3°24	26°53	13°43	24°23	20°38	23°20	28°D30	28°44	15° 6	29°57	W14
T 15	3 37 46	22°55'02	6♊19	7°25	11°57	4° 7	27° 2	13°45	24°21	20°37	23°20	28°30	28°41	15°13	0♐ 5	T 15
F 16	3 41 42	23°55'22	18° 7	8°57	13°12	4°50	27°12	13°48	24°19	20°35	23°21	28°30	28°38	15°20	0°13	F 16
S 17	3 45 39	24°55'44	29°55	10°29	14°27	5°33	27°22	13°51	24°16	20°34	23°21	28°31	28°34	15°26	0°20	S 17
S 18	3 49 35	25°56'08	11♋45	12° 2	15°41	6°16	27°32	13°54	24°14	20°33	23°21	28°31	28°31	15°33	0°28	S 18
M19	3 53 32	26°56'33	23°40	13°36	16°56	6°59	27°42	13°58	24°12	20°31	23°21	28°32	28°28	15°40	0°36	M19
T 20	3 57 28	27°57'00	5♌44	15°10	18°11	7°42	27°52	14° 1	24°10	20°30	23°21	28°32	28°25	15°46	0°44	T 20
W21	4 1 25	28°57'29	18° 2	16°45	19°26	8°26	28° 2	14° 4	24° 8	20°29	23°22	28°R32	28°22	15°53	0°52	W21
T 22	4 5 22	29°58'00	0♍37	18°19	20°40	9° 9	28°13	14° 8	24° 5	20°28	23°22	28°D32	28°19	15°59	1° 0	T 22
F 23	4 9 18	0♐58'33	13°34	19°54	21°55	9°52	28°23	14°11	24° 3	20°26	23°22	28°32	28°15	16° 6	1° 8	F 23
S 24	4 13 15	1°59'07	26°55	21°29	23°10	10°36	28°34	14°15	24° 1	20°25	23°R22	28°32	28°12	16°13	1°16	S 24
S 25	4 17 11	2°59'43	10♎44	23° 4	24°25	11°19	28°44	14°18	23°59	20°24	23°22	28°32	28° 9	16°19	1°24	S 25
M26	4 21 8	4° 0'21	24°59	24°39	25°39	12° 3	28°55	14°22	23°56	20°23	23°22	28°33	28° 6	16°26	1°32	M26
T 27	4 25 4	5° 1'01	9♏39	26°14	26°54	12°47	29° 6	14°26	23°54	20°22	23°22	28°33	28° 3	16°33	1°40	T 27
W28	4 29 1	6° 1'42	24°39	27°49	28° 9	13°30	29°17	14°30	23°51	20°21	23°21	28°R34	28° 0	16°39	1°48	W28
T 29	4 32 57	7° 2'24	9♐50	29°24	29°24	14°14	29°28	14°34	23°49	20°20	23°21	28°33	27°56	16°46	1°56	T 29
F 30	4 36 54	8♐ 3'08	25♐ 3	0♐59	0♑38	14♐58	29♑40	14♒38	23♊47	20♈19	23♌21	28♏33	27♏53	16♊53	2♐ 3	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	14s27	20s11	0n17	6s42	1n47	18s49	0n 4	19s 2	0s15	21s36	0s30	17s47	1s 0	23n25	0n 6	6n37	1s40	21n38	8n22	19s49	20s 0	21n 9	16s45	3n 4	
F 2	14 46	21 7	1 38	6 46	1 55	19 9	0 1	19 13	0 16	21 34	0 30	17 47	1 0	23 25	0 6	6 37	1 40	21 38	8 22	19 49	20 0	21 9	16 47	3 5	
S 3	15 5	20 33	2 51	6 54	2 1	19 29	0s 1	19 24	0 17	21 33	0 30	17 46	1 0	23 25	0 6	6 36	1 40	21 39	8 22	19 49	19 59	21 9	16 48	3 5	
S 4	15 23	18 38	3 53	7 7	2 6	19 49	0 4	19 35	0 17	21 31	0 30	17 46	1 0	23 25	0 7	6 35	1 40	21 39	8 23	19 50	19 58	21 9	16 50	3 5	
M 5	15 41	15 37	4 38	7 24	2 9	20 7	0 6	19 45	0 18	21 30	0 30	17 45	1 0	23 25	0 7	6 35	1 40	21 39	8 23	19 50	19 57	21 9	16 51	3 5	
T 6	15 59	11 47	5 6	7 44	2 12	20 26	0 9	19 55	0 18	21 28	0 30	17 45	1 0	23 25	0 7	6 34	1 40	21 39	8 23	19 50	19 57	21 9	16 53	3 5	
W 7	16 17	7 28	5 17	8 8	2 12	20 43	0 11	20 5	0 19	21 27	0 30	17 44	1 0	23 25	0 7	6 34	1 40	21 39	8 24	19 50	19 56	21 9	16 54	3 5	
T 8	16 35	2 53	5 10	8 33	2 12	21 0	0 14	20 15	0 20	21 25	0 30	17 43	1 0	23 25	0 7	6 33	1 40	21 39	8 24	19 50	19 55	21 9	16 56	3 6	
F 9	16 52	1n43	4 48	9 1	2 11	21 17	0 17	20 25	0 20	21 24	0 30	17 43	1 0	23 25	0 7	6 33	1 40	21 39	8 24	19 49	19 55	21 9	16 57	3 6	
S 10	17 9	6 11	4 13	9 31	2 9	21 33	0 19	20 35	0 21	21 22	0 30	17 42	1 0	23 24	0 7	6 32	1 40	21 39	8 25	19 49	19 54	21 9	16 59	3 6	
S 11	17 25	10 18	3 26	10 2	2 7	21 48	0 22	20 44	0 21	21 20	0 30	17 41	1 0	23 24	0 7	6 32	1 40	21 40	8 25	19 49	19 53	21 8	17 0	3 6	
M12	17 42	13 57	2 30	10 34	2 3	22 3	0 24	20 53	0 22	21 19	0 30	17 41	1 0	23 24	0 7	6 31	1 40	21 40	8 25	19 48	19 53	21 8	17 2	3 6	
T 13	17 58	16 58	1 28	11 7	2 0	22 17	0 27	21 2	0 22	21 17	0 30	17 40	1 0	23 24	0 7	6 31	1 40	21 40	8 25	19 48	19 52	21 8	17 3	3 6	
W14	18 13	19 14	0 22	11 40	1 55	22 30	0 29	21 11	0 23	21 15	0 30	17 39	1 0	23 24	0 7	6 30	1 40	21 40	8 26	19 48	19 51	21 8	17 5	3 7	
T 15	18 29	20 38	0s43	12 14	1 50	22 43	0 32	21 20	0 24	21 13	0 30	17 38	1 0	23 24	0 7	6 30	1 40	21 40	8 26	19 48	19 51	21 8	17 6	3 7	
F 16	18 44	21 6	1 47	12 48	1 45	22 55	0 34	21 28	0 24	21 11	0 30	17 37	1 0	23 24	0 7	6 29	1 40	21 40	8 26	19 48	19 50	21 8	17 7	3 7	
S 17	18 59	20 39	2 46	13 22	1 40	23 7	0 37	21 37	0 25	21 9	0 30	17 36	1 0	23 24	0 7	6 29	1 40	21 41	8 27	19 48	19 49	21 8	17 9	3 7	
S 18	19 13	19 16	3 38	13 57	1 34	23 18	0 39	21 45	0 25	21 7	0 30	17 35	1 0	23 24	0 7	6 28	1 40	21 41	8 27	19 48	19 48	21 8	17 10	3 7	
M19	19 27	17 3	4 21	14 31	1 28	23 28	0 42	21 53	0 26	21 6	0 30	17 35	1 0	23 24	0 7	6 28	1 40	21 41	8 27	19 49	19 48	21 8	17 12	3 8	
T 20	19 41	14 4	4 53	15 4	1 21	23 37	0 44	22 0	0 26	21 4	0 30	17 34	1 0	23 24	0 7	6 27	1 40	21 41	8 28	19 49	19 47	21 7	17 13	3 8	
W21	19 54	10 26	5 13	15 38	1 15	23 46	0 46	22 8	0 27	21 1	0 30	17 33	1 0	23 24	0 7	6 27	1 40	21 42	8 28	19 49	19 46	21 7	17 15	3 8	
T 22	20 7	6 17	5 18	16 10	1 8	23 54	0 49	22 15	0 28	20 59	0 30	17 32	1 0	23 24	0 7	6 27	1 40	21 42	8 28	19 49	19 46	21 7	17 16	3 8	
F 23	20 20	1 43	5 7	16 43	1 1	24 1	0 51	22 22	0 28	20 57	0 30	17 31	1 0	23 23	0 7	6 26	1 40	21 42	8 29	19 49	19 45	21 7	17 17	3 8	
S 24	20 32	3s 4	4 40	17 14	0 55	24 8	0 53	22 29	0 29	20 55	0 30	17 29	1 0	23 23	0 7	6 26	1 40	21 42	8 29	19 49	19 44	21 7	17 19	3 9	
S 25	20 44	7 52	3 56	17 45	0 48	24 13	0 56	22 36	0 29	20 53	0 30	17 28	1 0	23 23	0 7	6 25	1 40	21 43	8 29	19 49	19 44	21 7	17 20	3 9	
M26	20 56	12 24	2 56	18 15	0 41	24 18	0 58	22 42	0 30	20 51	0 30	17 27	1 0	23 23	0 7	6 25	1 40	21 43	8 30	19 49	19 43	21 6	17 21	3 9	
T 27	21 7	16 19	1 43	18 45	0 34	24 23	1 0	22 48	0 30	20 49	0 30	17 26	1 0	23 23	0 7	6 25	1 40	21 43	8 30	19 49	19 42	21 6	17 23	3 9	
W28	21 17	19 16	0 22	19 13	0 27	24 26	1 2	22 54	0 31	20 46	0 30	17 25	1 0	23 23	0 7	6 24	1 40	21 44	8 30	19 49	19 41	21 6	17 24	3 10	
T 29	21 28	20 52	1n 2	19 41	0 20	24 29	1 5	23 0	0 31	20 44	0 30	17 24	1 0	23 23	0 7	6 24	1 40	21 44	8 30	19 49	19 41	21 6	17 25	3 10	
F 30	21s38	20s57	2n22	20s 7	0n13	24s31	1s 7	23s 6	0s32	20s42	0s31	17s23	1s 0	23n23	0n 7	6n23	1s40	21n44	8n31	19s49	19s40	21n 6	17s27	3n10	

Julian Day Number = 2524167.5, Delta T = 161.86 sec
Ecliptic obliquity = 23°24'44, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°31'08, Lahiri = 26°38'09

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2198
geocentric

DECEMBER 2198 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 40 51	9♐ 3'54	10♑ 8	2♐34	1♑53	15♐42	29♑51	14♒42	23°R44	20°R18	23°R21	28°R32	27♏50	16♊59	2♐11	S 1
S 2	4 44 47	10° 4'40	24°57	4° 8	3° 8	16°26	0♒ 2	14°47	23♊42	20♈17	23♌21	28♏30	27°47	17° 6	2°19	S 2
M 3	4 48 44	11° 5'27	9♒23	5°43	4°22	17°10	0°14	14°51	23°39	20°16	23°21	28°29	27°44	17°13	2°27	M 3
T 4	4 52 40	12° 6'15	23°23	7°18	5°37	17°54	0°25	14°55	23°37	20°15	23°20	28°28	27°40	17°19	2°35	T 4
W 5	4 56 37	13° 7'04	6♓56	8°52	6°52	18°38	0°37	15° 0	23°34	20°14	23°20	28°D27	27°37	17°26	2°43	W 5
T 6	5 0 33	14° 7'54	20° 4	10°26	8° 6	19°22	0°49	15° 5	23°32	20°13	23°20	28°27	27°34	17°33	2°51	T 6
F 7	5 4 30	15° 8'45	2♈50	12° 1	9°21	20° 6	1° 1	15° 9	23°29	20°13	23°19	28°28	27°31	17°39	2°58	F 7
S 8	5 8 26	16° 9'37	15°17	13°35	10°36	20°51	1°13	15°14	23°27	20°12	23°19	28°29	27°28	17°46	3° 6	S 8
S 9	5 12 23	17°10'29	27°29	15° 9	11°50	21°35	1°25	15°19	23°24	20°11	23°19	28°31	27°25	17°53	3°14	S 9
M10	5 16 20	18°11'22	9♉31	16°43	13° 5	22°19	1°37	15°24	23°22	20°10	23°18	28°32	27°21	17°59	3°22	M10
T 11	5 20 16	19°12'16	21°25	18°17	14°20	23° 4	1°49	15°29	23°19	20°10	23°18	28°33	27°18	18° 6	3°29	T 11
W12	5 24 13	20°13'11	3♊15	19°52	15°34	23°48	2° 1	15°34	23°17	20° 9	23°17	28°R33	27°15	18°13	3°37	W12
T 13	5 28 9	21°14'07	15° 3	21°26	16°49	24°33	2°13	15°39	23°14	20° 8	23°17	28°32	27°12	18°19	3°45	T 13
F 14	5 32 6	22°15'04	26°52	23° 0	18° 3	25°17	2°26	15°44	23°11	20° 8	23°16	28°30	27° 9	18°26	3°52	F 14
S 15	5 36 2	23°16'02	8♋43	24°35	19°18	26° 2	2°38	15°49	23° 9	20° 7	23°16	28°26	27° 6	18°32	4° 0	S 15
S 16	5 39 59	24°17'00	20°38	26° 9	20°33	26°46	2°51	15°54	23° 6	20° 7	23°15	28°22	27° 2	18°39	4° 8	S 16
M17	5 43 55	25°18'00	2♌40	27°44	21°47	27°31	3° 3	16° 0	23° 4	20° 6	23°14	28°17	26°59	18°46	4°15	M17
T 18	5 47 52	26°19'00	14°50	29°18	23° 2	28°16	3°16	16° 5	23° 1	20° 6	23°14	28°12	26°56	18°52	4°23	T 18
W19	5 51 49	27°20'02	27°12	0♑53	24°16	29° 1	3°29	16°11	22°59	20° 5	23°13	28° 8	26°53	18°59	4°30	W19
T 20	5 55 45	28°21'04	9♍47	2°28	25°31	29°45	3°42	16°16	22°56	20° 5	23°12	28° 5	26°50	19° 6	4°38	T 20
F 21	5 59 42	29°22'07	22°40	4° 3	26°45	0♑30	3°55	16°22	22°54	20° 5	23°12	28° 4	26°46	19°12	4°45	F 21
S 22	6 3 38	0♑23'11	5♎52	5°38	28° 0	1°15	4° 7	16°27	22°51	20° 4	23°11	28°D 4	26°43	19°19	4°52	S 22
S 23	6 7 35	1°24'16	19°28	7°13	29°14	2° 0	4°20	16°33	22°49	20° 4	23°10	28° 5	26°40	19°26	5° 0	S 23
M24	6 11 31	2°25'22	3♏28	8°49	0♒28	2°45	4°34	16°39	22°46	20° 4	23° 9	28° 6	26°37	19°32	5° 7	M24
T 25	6 15 28	3°26'29	17°53	10°24	1°43	3°30	4°47	16°45	22°43	20° 3	23° 8	28° 8	26°34	19°39	5°15	T 25
W26	6 19 24	4°27'36	2♐40	12° 0	2°57	4°16	5° 0	16°51	22°41	20° 3	23° 8	28°R 8	26°31	19°46	5°22	W26
T 27	6 23 21	5°28'44	17°44	13°36	4°12	5° 1	5°13	16°57	22°39	20° 3	23° 7	28° 6	26°27	19°52	5°29	T 27
F 28	6 27 18	6°29'53	2♑57	15°12	5°26	5°46	5°26	17° 3	22°36	20° 3	23° 6	28° 3	26°24	19°59	5°36	F 28
S 29	6 31 14	7°31'02	18° 9	16°49	6°40	6°31	5°40	17° 9	22°34	20° 3	23° 5	27°58	26°21	20° 6	5°43	S 29
S 30	6 35 11	8°32'11	3♒ 9	18°25	7°55	7°17	5°53	17°15	22°31	20° 3	23° 4	27°52	26°18	20°12	5°50	S 30
M31	6 39 7	9♑33'21	17♒48	20♑ 1	9♒ 9	8♑ 2	6♒ 7	17♒21	22♊29	20°D 3	23♌ 3	27♏45	26♏15	20♊19	5♐57	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s47	19s31	3n31	20s33	0n 6	24s33	1s 9	23s11	0s32	20s39	0s31	17s21	1s 0	23n23	0n 7	6n23	1s39	21n45	8n31	19s49	19s39	21n 6	17s28	3n10
S 2	21 56	16 47	4 25	20 58	0s 1	24 33	1 11	23 16	0 33	20 37	0 31	17 20	1 0	23 23	0 7	6 23	1 39	21 45	8 31	19 48	19 39	21 5	17 29	3 11
M 3	22 5	13 4	5 0	21 22	0 8	24 33	1 13	23 21	0 34	20 35	0 31	17 19	1 0	23 22	0 7	6 23	1 39	21 45	8 32	19 48	19 38	21 5	17 30	3 11
T 4	22 13	8 44	5 16	21 44	0 14	24 32	1 15	23 26	0 34	20 32	0 31	17 17	1 0	23 22	0 7	6 22	1 39	21 46	8 32	19 48	19 37	21 5	17 32	3 11
W 5	22 21	4 6	5 14	22 6	0 21	24 31	1 17	23 30	0 35	20 30	0 31	17 16	1 0	23 22	0 7	6 22	1 39	21 46	8 32	19 48	19 36	21 5	17 33	3 11
T 6	22 28	0n36	4 55	22 27	0 28	24 28	1 19	23 34	0 35	20 27	0 31	17 15	1 0	23 22	0 7	6 22	1 39	21 47	8 33	19 48	19 36	21 4	17 34	3 12
F 7	22 35	5 8	4 22	22 46	0 34	24 25	1 20	23 38	0 36	20 25	0 31	17 13	1 0	23 22	0 7	6 21	1 39	21 47	8 33	19 48	19 35	21 4	17 35	3 12
S 8	22 42	9 21	3 37	23 4	0 41	24 21	1 22	23 42	0 36	20 22	0 31	17 12	1 0	23 22	0 7	6 21	1 39	21 47	8 33	19 48	19 34	21 4	17 36	3 12
S 9	22 48	13 7	2 44	23 22	0 47	24 17	1 24	23 45	0 37	20 19	0 31	17 10	1 0	23 22	0 7	6 21	1 39	21 48	8 34	19 48	19 34	21 4	17 38	3 13
M10	22 53	16 17	1 43	23 38	0 53	24 11	1 26	23 49	0 37	20 17	0 31	17 9	1 0	23 22	0 7	6 21	1 39	21 48	8 34	19 49	19 33	21 4	17 39	3 13
T 11	22 58	18 44	0 39	23 52	0 59	24 5	1 27	23 52	0 38	20 14	0 31	17 8	1 0	23 22	0 7	6 20	1 39	21 49	8 34	19 49	19 32	21 3	17 40	3 13
W12	23 3	20 21	0s26	24 6	1 5	23 58	1 29	23 54	0 38	20 11	0 31	17 6	1 0	23 21	0 7	6 20	1 39	21 49	8 34	19 49	19 31	21 3	17 41	3 14
T 13	23 7	21 5	1 30	24 18	1 10	23 51	1 30	23 57	0 39	20 9	0 31	17 4	1 0	23 21	0 7	6 20	1 39	21 50	8 35	19 49	19 31	21 3	17 42	3 14
F 14	23 11	20 53	2 30	24 29	1 16	23 43	1 32	23 59	0 39	20 6	0 31	17 3	0 59	23 21	0 7	6 20	1 39	21 50	8 35	19 48	19 30	21 3	17 43	3 14
S 15	23 14	19 45	3 23	24 39	1 21	23 34	1 33	24 1	0 40	20 3	0 31	17 1	0 59	23 21	0 7	6 20	1 39	21 51	8 35	19 47	19 29	21 2	17 44	3 15
S 16	23 17	17 44	4 8	24 47	1 26	23 24	1 34	24 3	0 40	20 0	0 31	17 0	0 59	23 21	0 7	6 20	1 39	21 51	8 36	19 46	19 28	21 2	17 45	3 15
M17	23 20	14 57	4 43	24 54	1 31	23 14	1 36	24 4	0 41	19 57	0 31	16 58	0 59	23 21	0 7	6 19	1 39	21 51	8 36	19 45	19 28	21 2	17 46	3 15
T 18	23 22	11 30	5 5	25 0	1 36	23 2	1 37	24 5	0 41	19 54	0 31	16 57	0 59	23 21	0 7	6 19	1 39	21 52	8 36	19 44	19 27	21 2	17 47	3 16
W19	23 23	7 31	5 13	25 5	1 40	22 51	1 38	24 6	0 42	19 52	0 31	16 55	0 59	23 21	0 7	6 19	1 39	21 52	8 36	19 43	19 26	21 1	17 48	3 16
T 20	23 24	3 9	5 7	25 7	1 44	22 38	1 39	24 7	0 42	19 49	0 31	16 53	0 59	23 20	0 7	6 19	1 39	21 53	8 37	19 43	19 26	21 1	17 49	3 16
F 21	23 25	1s27	4 45	25 9	1 48	22 25	1 40	24 7	0 43	19 46	0 31	16 52	0 59	23 20	0 7	6 19	1 39	21 53	8 37	19 42	19 25	21 1	17 50	3 17
S 22	23 25	6 7	4 8	25 9	1 52	22 11	1 41	24 8	0 43	19 43	0 31	16 50	0 59	23 20	0 7	6 19	1 39	21 54	8 37	19 42	19 24	21 0	17 51	3 17
S 23	23 24	10 38	3 16	25 8	1 55	21 57	1 42	24 8	0 44	19 40	0 31	16 48	0 59	23 20	0 7	6 19	1 38	21 55	8 38	19 43	19 23	21 0	17 52	3 17
M24	23 23	14 42	2 11	25 5	1 58	21 42	1 43	24 7	0 44	19 36	0 31	16 46	0 59	23 20	0 7	6 19	1 38	21 55	8 38	19 43	19 23	21 0	17 53	3 18
T 25	23 22	18 2	0 56	25 1	2 1	21 26	1 43	24 7	0 45	19 33	0 31	16 45	0 59	23 20	0 7	6 19	1 38	21 56	8 38	19 43	19 22	21 0	17 54	3 18
W26	23 20	20 16	0n25	24 55	2 4	21 10	1 44	24 6	0 45	19 30	0 31	16 43	0 59	23 20	0 7	6 19	1 38	21 56	8 38	19 43	19 21	20 59	17 55	3 18
T 27	23 18	21 6	1 45	24 48	2 6	20 53	1 45	24 5	0 46	19 27	0 31	16 41	0 59	23 20	0 7	6 19	1 38	21 57	8 39	19 43	19 20	20 59	17 56	3 19
F 28	23 15	20 25	2 58	24 39	2 8	20 35	1 45	24 3	0 46	19 24	0 32	16 39	0 59	23 19	0 7	6 19	1 38	21 57	8 39	19 42	19 20	20 59	17 57	3 19
S 29	23 12	18 14	3 59	24 29	2 9	20 17	1 45	24 2	0 47	19 21	0 32	16 37	0 59	23 19	0 7	6 19	1 38	21 58	8 39	19 41	19 19	20 58	17 58	3 20
S 30	23 8	14 51	4 42	24 18	2 10	19 58	1 46	24 0	0 47	19 17	0 32	16 36	0 59	23 19	0 7	6 19	1 38	21 58	8 39	19 40	19 18	20 58	17 58	3 20
M31	23s 4	10s38	5n 5	24s 4	2s11	19s39	1s46	23s57	0s47	19s14	0s32	16s34	1s 0	23n19	0n 7	6n19	1s38	21n59	8n40	19s38	19s17	20n58	17s59	3n20

Julian Day Number = 2524197.5, Delta T = 161.94 sec
Ecliptic obliquity = 23°24'43, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°31'12, Lahiri = 26°38'13

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2199
geocentric

JANUARY 2199 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 43 4	10♉34'30	2♓ 1	21♉38	10♒23	8♉48	6♒20	17♒27	22°R26	20♈ 3	23°R 2	27°R39	26♏12	20♊26	6♐ 4	T 1
W 2	6 47 0	11°35'39	15°45	23°14	11°37	9°33	6°34	17°33	22♊24	20° 3	23♌ 1	27♏34	26° 8	20°32	6°11	W 2
T 3	6 50 57	12°36'49	29° 0	24°50	12°52	10°18	6°47	17°40	22°22	20° 3	23° 0	27°31	26° 5	20°39	6°18	T 3
F 4	6 54 54	13°37'58	11♈48	26°26	14° 6	11° 4	7° 1	17°46	22°19	20° 3	22°59	27°D30	26° 2	20°46	6°25	F 4
S 5	6 58 50	14°39'07	24°15	28° 2	15°20	11°50	7°15	17°52	22°17	20° 3	22°58	27°30	25°59	20°52	6°32	S 5
S 6	7 2 47	15°40'15	6♉24	29°37	16°34	12°35	7°28	17°59	22°15	20° 3	22°57	27°32	25°56	20°59	6°39	S 6
M 7	7 6 43	16°41'24	18°20	1♒12	17°48	13°21	7°42	18° 5	22°12	20° 4	22°56	27°33	25°52	21° 6	6°45	M 7
T 8	7 10 40	17°42'32	0♊10	2°46	19° 2	14° 7	7°56	18°12	22°10	20° 4	22°55	27°R33	25°49	21°12	6°52	T 8
W 9	7 14 36	18°43'40	11°57	4°19	20°16	14°52	8°10	18°18	22° 8	20° 4	22°54	27°32	25°46	21°19	6°59	W 9
T 10	7 18 33	19°44'48	23°44	5°52	21°30	15°38	8°23	18°25	22° 6	20° 5	22°52	27°28	25°43	21°26	7° 5	T 10
F 11	7 22 29	20°45'56	5♋36	7°22	22°44	16°24	8°37	18°32	22° 4	20° 5	22°51	27°22	25°40	21°32	7°12	F 11
S 12	7 26 26	21°47'03	17°33	8°51	23°58	17°10	8°51	18°38	22° 1	20° 5	22°50	27°14	25°37	21°39	7°18	S 12
S 13	7 30 23	22°48'11	29°38	10°18	25°12	17°56	9° 5	18°45	21°59	20° 6	22°49	27° 3	25°33	21°46	7°24	S 13
M14	7 34 19	23°49'18	11♌52	11°42	26°26	18°42	9°19	18°52	21°57	20° 6	22°48	26°52	25°30	21°52	7°31	M14
T 15	7 38 16	24°50'24	24°16	13° 3	27°39	19°28	9°33	18°59	21°55	20° 7	22°46	26°41	25°27	21°59	7°37	T 15
W16	7 42 12	25°51'31	6♍50	14°21	28°53	20°14	9°47	19° 5	21°53	20° 7	22°45	26°31	25°24	22° 6	7°43	W16
T 17	7 46 9	26°52'37	19°35	15°34	0♓ 7	21° 0	10° 1	19°12	21°51	20° 8	22°44	26°23	25°21	22°12	7°49	T 17
F 18	7 50 5	27°53'43	2♎33	16°43	1°20	21°46	10°15	19°19	21°49	20° 8	22°43	26°17	25°17	22°19	7°55	F 18
S 19	7 54 2	28°54'49	15°46	17°45	2°34	22°32	10°29	19°26	21°47	20° 9	22°41	26°14	25°14	22°26	8° 1	S 19
S 20	7 57 58	29°55'55	29°15	18°42	3°47	23°18	10°44	19°33	21°45	20°10	22°40	26°D13	25°11	22°32	8° 7	S 20
M21	8 1 55	0♒57'01	13♏ 3	19°31	5° 1	24° 4	10°58	19°40	21°44	20°10	22°39	26°14	25° 8	22°39	8°13	M21
T 22	8 5 52	1°58'06	27°10	20°11	6°14	24°51	11°12	19°47	21°42	20°11	22°37	26°R14	25° 5	22°46	8°19	T 22
W23	8 9 48	2°59'12	11♐36	20°43	7°28	25°37	11°26	19°54	21°40	20°12	22°36	26°13	25° 2	22°52	8°24	W23
T 24	8 13 45	4° 0'17	26°19	21° 5	8°41	26°23	11°40	20° 1	21°38	20°13	22°35	26°10	24°58	22°59	8°30	T 24
F 25	8 17 41	5° 1'21	11♑13	21°R16	9°54	27°10	11°54	20° 8	21°37	20°14	22°33	26° 4	24°55	23° 6	8°35	F 25
S 26	8 21 38	6° 2'25	26°11	21°16	11° 8	27°56	12° 9	20°15	21°35	20°15	22°32	25°55	24°52	23°12	8°41	S 26
S 27	8 25 34	7° 3'29	11♒ 3	21° 4	12°21	28°43	12°23	20°22	21°34	20°15	22°31	25°44	24°49	23°19	8°46	S 27
M28	8 29 31	8° 4'31	25°41	20°41	13°34	29°29	12°37	20°29	21°32	20°16	22°29	25°33	24°46	23°26	8°52	M28
T 29	8 33 27	9° 5'33	9♓57	20° 7	14°47	0♒15	12°51	20°36	21°30	20°17	22°28	25°22	24°43	23°32	8°57	T 29
W30	8 37 24	10° 6'33	23°47	19°22	16° 0	1° 2	13° 6	20°43	21°29	20°18	22°26	25°12	24°39	23°39	9° 2	W30
T 31	8 41 21	11♒ 7'33	7♈ 8	18♒28	17♓13	1♒49	13♒20	20♒50	21♊28	20♈19	22♌25	25♏ 5	24♏36	23♊45	9♐ 7	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		⚸		⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s59	5s56	5n 9	23s50	2s11	19s19	1s46	23s55	0s48	19s11	0s32	16s32	1s 0	23n19	0n 7	6n19	1s38	21n59	8n40	19s37	19s17	20n57	18s 0	3n21
W 2	22 54	1 5	4 55	23 33	2 10	18 59	1 46	23 52	0 48	19 7	0 32	16 30	1 0	23 19	0 7	6 19	1 38	22 0	8 40	19 36	19 16	20 57	18 1	3 21
T 3	22 49	3n39	4 25	23 16	2 10	18 38	1 46	23 49	0 49	19 4	0 32	16 28	1 0	23 19	0 7	6 19	1 38	22 1	8 40	19 35	19 15	20 57	18 1	3 22
F 4	22 43	8 4	3 42	22 56	2 8	18 17	1 46	23 46	0 49	19 1	0 32	16 26	1 0	23 19	0 7	6 19	1 38	22 1	8 41	19 35	19 14	20 56	18 2	3 22
S 5	22 36	12 2	2 50	22 36	2 6	17 55	1 46	23 43	0 50	18 57	0 32	16 24	1 0	23 18	0 7	6 19	1 38	22 2	8 41	19 35	19 14	20 56	18 3	3 23
S 6	22 30	15 24	1 52	22 14	2 4	17 32	1 46	23 39	0 50	18 54	0 32	16 22	1 0	23 18	0 7	6 19	1 38	22 2	8 41	19 35	19 13	20 56	18 4	3 23
M 7	22 22	18 4	0 50	21 50	2 1	17 9	1 46	23 35	0 51	18 50	0 32	16 20	1 0	23 18	0 7	6 19	1 38	22 3	8 41	19 35	19 12	20 55	18 4	3 23
T 8	22 14	19 56	0s14	21 25	1 57	16 46	1 45	23 31	0 51	18 47	0 32	16 18	1 0	23 18	0 7	6 20	1 38	22 3	8 41	19 36	19 11	20 55	18 5	3 24
W 9	22 6	20 56	1 17	20 59	1 53	16 22	1 45	23 26	0 51	18 43	0 32	16 16	1 0	23 18	0 7	6 20	1 38	22 4	8 42	19 35	19 11	20 55	18 6	3 24
T 10	21 58	21 0	2 16	20 32	1 48	15 58	1 44	23 21	0 52	18 40	0 32	16 14	1 0	23 18	0 7	6 20	1 38	22 5	8 42	19 34	19 10	20 54	18 6	3 25
F 11	21 49	20 8	3 10	20 3	1 42	15 33	1 44	23 16	0 52	18 36	0 32	16 12	1 0	23 18	0 7	6 20	1 37	22 5	8 42	19 33	19 9	20 54	18 7	3 25
S 12	21 39	18 22	3 55	19 34	1 35	15 8	1 43	23 11	0 53	18 33	0 32	16 10	1 0	23 18	0 7	6 20	1 37	22 6	8 42	19 31	19 8	20 53	18 7	3 26
S 13	21 29	15 47	4 31	19 3	1 28	14 43	1 42	23 5	0 53	18 29	0 32	16 8	1 0	23 17	0 7	6 21	1 37	22 6	8 43	19 29	19 8	20 53	18 8	3 26
M14	21 19	12 30	4 54	18 32	1 20	14 17	1 41	22 59	0 53	18 25	0 32	16 6	1 0	23 17	0 7	6 21	1 37	22 7	8 43	19 26	19 7	20 53	18 8	3 27
T 15	21 8	8 38	5 4	18 0	1 10	13 51	1 40	22 53	0 54	18 22	0 33	16 4	1 0	23 17	0 7	6 21	1 37	22 8	8 43	19 24	19 6	20 52	18 9	3 27
W16	20 57	4 21	5 0	17 28	1 0	13 24	1 39	22 47	0 54	18 18	0 33	16 2	1 0	23 17	0 7	6 21	1 37	22 8	8 43	19 21	19 5	20 52	18 9	3 28
T 17	20 45	0s11	4 40	16 56	0 49	12 57	1 38	22 40	0 55	18 14	0 33	16 0	1 0	23 17	0 7	6 22	1 37	22 9	8 43	19 19	19 5	20 51	18 10	3 28
F 18	20 34	4 47	4 6	16 24	0 37	12 30	1 37	22 34	0 55	18 11	0 33	15 58	1 0	23 17	0 7	6 22	1 37	22 9	8 44	19 18	19 4	20 51	18 10	3 28
S 19	20 21	9 15	3 18	15 52	0 24	12 2	1 36	22 26	0 55	18 7	0 33	15 55	1 0	23 17	0 7	6 22	1 37	22 10	8 44	19 17	19 3	20 51	18 11	3 29
S 20	20 8	13 21	2 19	15 22	0 10	11 34	1 34	22 19	0 56	18 3	0 33	15 53	1 0	23 17	0 7	6 22	1 37	22 11	8 44	19 17	19 2	20 50	18 11	3 29
M21	19 55	16 51	1 10	14 52	0n 5	11 6	1 33	22 11	0 56	17 59	0 33	15 51	1 0	23 17	0 7	6 23	1 37	22 11	8 44	19 17	19 2	20 50	18 12	3 30
T 22	19 42	19 25	0n 5	14 24	0 21	10 38	1 31	22 4	0 56	17 55	0 33	15 49	1 0	23 16	0 7	6 23	1 37	22 12	8 44	19 17	19 1	20 49	18 12	3 31
W23	19 28	20 49	1 21	13 59	0 38	10 9	1 30	21 55	0 57	17 52	0 33	15 47	1 0	23 16	0 7	6 23	1 37	22 12	8 44	19 17	19 0	20 49	18 12	3 31
T 24	19 14	20 49	2 33	13 35	0 55	9 40	1 28	21 47	0 57	17 48	0 33	15 45	1 0	23 16	0 7	6 24	1 37	22 13	8 45	19 16	18 59	20 48	18 13	3 32
F 25	18 59	19 22	3 35	13 15	1 13	9 11	1 26	21 39	0 57	17 44	0 33	15 42	1 0	23 16	0 7	6 24	1 37	22 14	8 45	19 15	18 59	20 48	18 13	3 32
S 26	18 44	16 35	4 23	12 58	1 31	8 41	1 24	21 30	0 58	17 40	0 33	15 40	1 0	23 16	0 7	6 24	1 37	22 14	8 45	19 13	18 58	20 48	18 13	3 33
S 27	18 29	12 45	4 52	12 45	1 49	8 11	1 22	21 21	0 58	17 36	0 33	15 38	1 0	23 16	0 7	6 25	1 37	22 15	8 45	19 10	18 57	20 47	18 14	3 33
M28	18 14	8 12	5 2	12 35	2 6	7 42	1 20	21 11	0 58	17 32	0 33	15 36	1 0	23 16	0 7	6 25	1 37	22 15	8 45	19 8	18 56	20 47	18 14	3 34
T 29	17 58	3 19	4 52	12 30	2 23	7 11	1 18	21 2	0 59	17 28	0 34	15 34	1 0	23 16	0 7	6 26	1 37	22 16	8 45	19 5	18 55	20 46	18 14	3 34
W30	17 41	1n36	4 26	12 28	2 40	6 41	1 16	20 52	0 59	17 24	0 34	15 31	1 0	23 16	0 7	6 26	1 37	22 17	8 45	19 3	18 55	20 46	18 15	3 35
T 31	17s25	6n16	3n45	12s31	2n54	6s11	1s14	20s42	0s59	17s20	0s34	15s29	1s 0	23n16	0n 7	6n27	1s36	22n17	8n46	19s 1	18s54	20n45	18s15	3n35

Julian Day Number = 2524228.5, Delta T = 162.02 sec
Ecliptic obliquity = 23°24'43, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°31'17, Lahiri = 26°38'17

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2199
geocentric

FEBRUARY 2199 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 45 17	12♒ 8'31	20♈ 2	17°R25	18♓26	2♒35	13♒34	20♒57	21°R26	20♈20	22°R24	25°R 1	24♏33	23♊52	9♐12	F 1
S 2	8 49 14	13° 9'28	2♉32	16♒17	19°39	3°22	13°49	21° 5	21♊25	20°22	22♌22	24♏59	24°30	23°59	9°17	S 2
S 3	8 53 10	14°10'24	14°43	15° 5	20°51	4° 8	14° 3	21°12	21°24	20°23	22°21	24°D59	24°27	24° 5	9°22	S 3
M 4	8 57 7	15°11'19	26°41	13°50	22° 4	4°55	14°17	21°19	21°22	20°24	22°19	24°R59	24°23	24°12	9°27	M 4
T 5	9 1 3	16°12'12	8♊30	12°36	23°16	5°42	14°31	21°26	21°21	20°25	22°18	24°58	24°20	24°19	9°31	T 5
W 6	9 5 0	17°13'04	20°17	11°24	24°29	6°28	14°46	21°33	21°20	20°26	22°16	24°56	24°17	24°25	9°36	W 6
T 7	9 8 56	18°13'55	2♋ 6	10°17	25°41	7°15	15° 0	21°40	21°19	20°28	22°15	24°51	24°14	24°32	9°40	T 7
F 8	9 12 53	19°14'45	14° 2	9°15	26°54	8° 2	15°14	21°48	21°18	20°29	22°13	24°43	24°11	24°39	9°45	F 8
S 9	9 16 50	20°15'33	26° 6	8°19	28° 6	8°49	15°28	21°55	21°17	20°30	22°12	24°32	24° 8	24°45	9°49	S 9
S 10	9 20 46	21°16'20	8♌23	7°31	29°18	9°35	15°43	22° 2	21°16	20°31	22°11	24°19	24° 4	24°52	9°53	S 10
M11	9 24 43	22°17'06	20°51	6°51	0♈30	10°22	15°57	22° 9	21°15	20°33	22° 9	24° 5	24° 1	24°59	9°57	M11
T 12	9 28 39	23°17'50	3♍32	6°20	1°42	11° 9	16°11	22°16	21°14	20°34	22° 8	23°51	23°58	25° 5	10° 1	T 12
W13	9 32 36	24°18'33	16°26	5°56	2°54	11°56	16°25	22°24	21°13	20°36	22° 6	23°38	23°55	25°12	10° 5	W13
T 14	9 36 32	25°19'15	29°30	5°41	4° 6	12°43	16°40	22°31	21°13	20°37	22° 5	23°27	23°52	25°19	10° 9	T 14
F 15	9 40 29	26°19'56	12♎45	5°33	5°17	13°30	16°54	22°38	21°12	20°39	22° 3	23°20	23°49	25°25	10°13	F 15
S 16	9 44 25	27°20'35	26°11	5°D33	6°29	14°16	17° 8	22°45	21°11	20°40	22° 2	23°15	23°45	25°32	10°17	S 16
S 17	9 48 22	28°21'14	9♏47	5°40	7°40	15° 3	17°22	22°52	21°11	20°42	22° 0	23°13	23°42	25°39	10°20	S 17
M18	9 52 19	29°21'51	23°34	5°54	8°52	15°50	17°36	23° 0	21°10	20°43	21°59	23°13	23°39	25°45	10°24	M18
T 19	9 56 15	0♓22'27	7♐33	6°13	10° 3	16°37	17°50	23° 7	21°10	20°45	21°58	23°13	23°36	25°52	10°27	T 19
W20	10 0 12	1°23'03	21°44	6°38	11°14	17°24	18° 5	23°14	21° 9	20°46	21°56	23°12	23°33	25°59	10°31	W20
T 21	10 4 8	2°23'37	6♑ 5	7° 9	12°25	18°11	18°19	23°21	21° 9	20°48	21°55	23° 8	23°29	26° 5	10°34	T 21
F 22	10 8 5	3°24'09	20°33	7°44	13°36	18°58	18°33	23°28	21° 9	20°50	21°53	23° 2	23°26	26°12	10°37	F 22
S 23	10 12 1	4°24'41	5♒ 5	8°24	14°47	19°45	18°47	23°35	21° 8	20°51	21°52	22°53	23°23	26°19	10°40	S 23
S 24	10 15 58	5°25'11	19°34	9° 7	15°58	20°32	19° 1	23°43	21° 8	20°53	21°50	22°42	23°20	26°25	10°43	S 24
M25	10 19 54	6°25'39	3♓52	9°55	17° 8	21°20	19°15	23°50	21° 8	20°55	21°49	22°30	23°17	26°32	10°46	M25
T 26	10 23 51	7°26'06	17°55	10°46	18°19	22° 7	19°29	23°57	21° 8	20°56	21°48	22°18	23°14	26°39	10°48	T 26
W27	10 27 47	8°26'31	1♈37	11°40	19°29	22°54	19°43	24° 4	21° 8	20°58	21°46	22° 8	23°10	26°45	10°51	W27
T 28	10 31 44	9♓26'54	14♈55	12♒38	20♈39	23♒41	19♒57	24♒11	21°D 8	21♈ 0	21♌45	22♏ 0	23♏ 7	26♊52	10♐53	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17s 8	10n31	2n54	12s37	3n 7	5s40	1s12	20s32	1s 0	17s16	0s34	15s27	1s 0	23n15	0n 7	6n27	1s36	22n18	8n46	19s 0	18s53	20n45	18s15	3n36
S 2	16 51	14 9	1 56	12 47	3 18	5 9	1 9	20 21	1 0	17 12	0 34	15 25	1 0	23 15	0 7	6 27	1 36	22 18	8 46	18 59	18 52	20 44	18 15	3 36
S 3	16 33	17 6	0 54	13 0	3 27	4 38	1 7	20 11	1 0	17 8	0 34	15 22	1 1	23 15	0 7	6 28	1 36	22 19	8 46	18 59	18 52	20 44	18 15	3 37
M 4	16 16	19 15	0s 9	13 15	3 33	4 8	1 4	20 0	1 1	17 4	0 34	15 20	1 1	23 15	0 7	6 28	1 36	22 20	8 46	18 59	18 51	20 43	18 15	3 37
T 5	15 58	20 32	1 11	13 32	3 37	3 36	1 1	19 49	1 1	17 0	0 34	15 18	1 1	23 15	0 7	6 29	1 36	22 20	8 46	18 59	18 50	20 43	18 16	3 38
W 6	15 39	20 54	2 10	13 50	3 38	3 5	0 59	19 37	1 1	16 56	0 34	15 16	1 1	23 15	0 7	6 29	1 36	22 21	8 46	18 59	18 49	20 42	18 16	3 39
T 7	15 21	20 21	3 3	14 9	3 37	2 34	0 56	19 26	1 2	16 52	0 34	15 13	1 1	23 15	0 7	6 30	1 36	22 21	8 46	18 57	18 48	20 42	18 16	3 39
F 8	15 2	18 53	3 49	14 29	3 34	2 3	0 53	19 14	1 2	16 48	0 34	15 11	1 1	23 15	0 7	6 30	1 36	22 22	8 46	18 56	18 48	20 42	18 16	3 40
S 9	14 43	16 34	4 24	14 48	3 29	1 31	0 50	19 2	1 2	16 44	0 34	15 9	1 1	23 15	0 7	6 31	1 36	22 23	8 47	18 53	18 47	20 41	18 16	3 40
S 10	14 24	13 30	4 49	15 7	3 22	1 0	0 47	18 50	1 2	16 39	0 35	15 7	1 1	23 15	0 7	6 31	1 36	22 23	8 47	18 50	18 46	20 40	18 16	3 41
M11	14 4	9 48	4 59	15 25	3 14	0 28	0 44	18 38	1 3	16 35	0 35	15 4	1 1	23 15	0 7	6 32	1 36	22 24	8 47	18 46	18 45	20 40	18 16	3 42
T 12	13 44	5 36	4 56	15 42	3 4	0n 3	0 41	18 25	1 3	16 31	0 35	15 2	1 1	23 15	0 7	6 33	1 36	22 24	8 47	18 43	18 45	20 39	18 16	3 42
W13	13 24	1 6	4 37	15 57	2 54	0 34	0 38	18 12	1 3	16 27	0 35	15 0	1 1	23 15	0 7	6 33	1 36	22 25	8 47	18 40	18 44	20 39	18 16	3 43
T 14	13 4	3s31	4 3	16 12	2 43	1 6	0 34	17 59	1 3	16 23	0 35	14 57	1 1	23 15	0 7	6 34	1 36	22 25	8 47	18 37	18 43	20 38	18 16	3 43
F 15	12 44	8 3	3 16	16 25	2 31	1 37	0 31	17 46	1 4	16 19	0 35	14 55	1 1	23 15	0 7	6 34	1 36	22 26	8 47	18 35	18 42	20 38	18 16	3 44
S 16	12 23	12 14	2 18	16 37	2 19	2 9	0 28	17 33	1 4	16 14	0 35	14 53	1 1	23 15	0 7	6 35	1 36	22 26	8 47	18 34	18 41	20 37	18 16	3 45
S 17	12 2	15 51	1 10	16 47	2 7	2 40	0 24	17 19	1 4	16 10	0 35	14 51	1 1	23 15	0 7	6 36	1 36	22 27	8 47	18 33	18 41	20 37	18 16	3 45
M18	11 41	18 37	0n 2	16 56	1 54	3 11	0 21	17 5	1 4	16 6	0 35	14 48	1 2	23 14	0 7	6 36	1 36	22 27	8 47	18 33	18 40	20 36	18 15	3 46
T 19	11 20	20 19	1 15	17 3	1 42	3 43	0 17	16 52	1 4	16 2	0 35	14 46	1 2	23 14	0 7	6 37	1 36	22 28	8 47	18 33	18 39	20 36	18 15	3 46
W20	10 58	20 45	2 25	17 9	1 29	4 14	0 14	16 37	1 5	15 58	0 36	14 44	1 2	23 14	0 7	6 37	1 36	22 28	8 47	18 33	18 38	20 35	18 15	3 47
T 21	10 37	19 51	3 26	17 13	1 17	4 45	0 10	16 23	1 5	15 53	0 36	14 41	1 2	23 14	0 7	6 38	1 36	22 29	8 47	18 32	18 37	20 35	18 15	3 48
F 22	10 15	17 39	4 15	17 16	1 5	5 16	0 6	16 9	1 5	15 49	0 36	14 39	1 2	23 14	0 7	6 39	1 36	22 29	8 47	18 31	18 37	20 34	18 15	3 48
S 23	9 53	14 20	4 47	17 17	0 53	5 47	0 2	15 54	1 5	15 45	0 36	14 37	1 2	23 14	0 7	6 39	1 35	22 30	8 47	18 28	18 36	20 34	18 15	3 49
S 24	9 31	10 10	5 1	17 17	0 42	6 18	0n 1	15 39	1 5	15 41	0 36	14 35	1 2	23 14	0 7	6 40	1 35	22 30	8 47	18 26	18 35	20 33	18 14	3 50
M25	9 9	5 29	4 55	17 15	0 30	6 48	0 5	15 25	1 5	15 36	0 36	14 32	1 2	23 14	0 7	6 41	1 35	22 31	8 47	18 22	18 34	20 32	18 14	3 50
T 26	8 46	0 36	4 32	17 12	0 19	7 19	0 9	15 10	1 6	15 32	0 36	14 30	1 2	23 14	0 7	6 41	1 35	22 31	8 47	18 19	18 34	20 32	18 14	3 51
W27	8 24	4n12	3 53	17 8	0 9	7 49	0 13	14 54	1 6	15 28	0 36	14 28	1 2	23 14	0 7	6 42	1 35	22 32	8 47	18 17	18 33	20 31	18 14	3 51
T 28	8s 1	8n41	3n 3	17s 2	0s 2	8n19	0n17	14s39	1s 6	15s23	0s36	14s26	1s 2	23n14	0n 7	6n43	1s35	22n32	8n47	18s15	18s32	20n31	18s13	3n52

Julian Day Number = 2524259.5, Delta T = 162.11 sec
Ecliptic obliquity = 23°24'43, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°31'21, Lahiri = 26°38'21

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2199
geocentric

MARCH 2199 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 35 41	10♓27'16	27♈49	13♒38	21♈49	24♒28	20♒11	24♒18	21♊ 8	21♈ 2	21°R44	21°R55	23♏ 4	26♊59	10♐56	F 1
S 2	10 39 37	11°27'36	10♉21	14°40	22°59	25°15	20°24	24°25	21° 8	21° 4	21♌42	21♏53	23° 1	27° 5	10°58	S 2
S 3	10 43 34	12°27'53	22°35	15°45	24° 9	26° 2	20°38	24°32	21° 8	21° 5	21°41	21°D52	22°58	27°12	11° 0	S 3
M 4	10 47 30	13°28'09	4♊35	16°52	25°19	26°49	20°52	24°39	21° 8	21° 7	21°40	21°52	22°55	27°19	11° 2	M 4
T 5	10 51 27	14°28'23	16°26	18° 2	26°28	27°36	21° 6	24°46	21° 9	21° 9	21°38	21°R52	22°51	27°25	11° 4	T 5
W 6	10 55 23	15°28'34	28°15	19°13	27°38	28°24	21°19	24°53	21° 9	21°11	21°37	21°52	22°48	27°32	11° 6	W 6
T 7	10 59 20	16°28'44	10♋ 6	20°27	28°47	29°11	21°33	25° 0	21° 9	21°13	21°36	21°49	22°45	27°39	11° 8	T 7
F 8	11 3 16	17°28'52	22° 5	21°42	29°56	29°58	21°47	25° 6	21°10	21°15	21°34	21°43	22°42	27°45	11°10	F 8
S 9	11 7 13	18°28'57	4♌14	22°58	1♉ 5	0♓45	22° 0	25°13	21°10	21°17	21°33	21°36	22°39	27°52	11°11	S 9
S 10	11 11 10	19°29'00	16°39	24°17	2°14	1°32	22°14	25°20	21°11	21°19	21°32	21°26	22°35	27°59	11°13	S 10
M11	11 15 6	20°29'02	29°19	25°37	3°22	2°19	22°27	25°27	21°11	21°21	21°31	21°15	22°32	28° 5	11°14	M11
T 12	11 19 3	21°29'01	12♍17	26°58	4°31	3° 6	22°41	25°34	21°12	21°23	21°29	21° 4	22°29	28°12	11°15	T 12
W13	11 22 59	22°28'59	25°31	28°21	5°39	3°54	22°54	25°40	21°13	21°25	21°28	20°54	22°26	28°19	11°16	W13
T 14	11 26 56	23°28'54	8♎59	29°46	6°47	4°41	23° 7	25°47	21°14	21°27	21°27	20°45	22°23	28°26	11°17	T 14
F 15	11 30 52	24°28'48	22°39	1♓11	7°55	5°28	23°21	25°54	21°14	21°29	21°26	20°40	22°20	28°32	11°18	F 15
S 16	11 34 49	25°28'40	6♏28	2°38	9° 2	6°15	23°34	26° 0	21°15	21°31	21°25	20°36	22°16	28°39	11°19	S 16
S 17	11 38 45	26°28'30	20°24	4° 7	10°10	7° 2	23°47	26° 7	21°16	21°33	21°23	20°D36	22°13	28°46	11°20	S 17
M18	11 42 42	27°28'19	4♐25	5°37	11°17	7°49	24° 0	26°13	21°17	21°35	21°22	20°36	22°10	28°52	11°20	M18
T 19	11 46 39	28°28'06	18°30	7° 8	12°24	8°36	24°13	26°20	21°18	21°37	21°21	20°37	22° 7	28°59	11°21	T 19
W20	11 50 35	29°27'51	2♑38	8°40	13°31	9°24	24°26	26°26	21°19	21°40	21°20	20°R37	22° 4	29° 6	11°21	W20
T 21	11 54 32	0♈27'35	16°47	10°14	14°38	10°11	24°39	26°33	21°20	21°42	21°19	20°36	22° 0	29°12	11°21	T 21
F 22	11 58 28	1°27'17	0♒56	11°49	15°44	10°58	24°52	26°39	21°21	21°44	21°18	20°33	21°57	29°19	11°22	F 22
S 23	12 2 25	2°26'57	15° 2	13°25	16°50	11°45	25° 5	26°45	21°23	21°46	21°17	20°27	21°54	29°26	11°R22	S 23
S 24	12 6 21	3°26'35	29° 2	15° 2	17°56	12°32	25°17	26°52	21°24	21°48	21°16	20°20	21°51	29°32	11°22	S 24
M25	12 10 18	4°26'12	12♓53	16°41	19° 2	13°19	25°30	26°58	21°25	21°50	21°15	20°13	21°48	29°39	11°22	M25
T 26	12 14 14	5°25'47	26°31	18°21	20° 7	14° 6	25°43	27° 4	21°27	21°53	21°14	20° 5	21°45	29°46	11°21	T 26
W27	12 18 11	6°25'19	9♈52	20° 2	21°13	14°53	25°55	27°10	21°28	21°55	21°13	19°58	21°41	29°52	11°21	W27
T 28	12 22 8	7°24'50	22°56	21°45	22°18	15°41	26° 8	27°16	21°29	21°57	21°12	19°53	21°38	29°59	11°20	T 28
F 29	12 26 4	8°24'18	5♉41	23°29	23°22	16°28	26°20	27°22	21°31	21°59	21°11	19°50	21°35	0♋ 6	11°20	F 29
S 30	12 30 1	9°23'45	18° 9	25°14	24°27	17°15	26°33	27°28	21°32	22° 1	21°10	19°D49	21°32	0°12	11°19	S 30
S 31	12 33 57	10♈23'09	0♊21	27♓ 0	25♉31	18♓ 2	26♒45	27♒34	21♊34	22♈ 4	21♌ 9	19♏50	21♏29	0♋19	11♐18	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	7s38	12n37	2n 4	16s54	0s12	8n49	0n21	14s23	1s 6	15s19	0s36	14s23	1s 2	23n14	0n 7	6n43	1s35	22n33	8n47	18s14	18s31	20n30	18s13	3n53
S 2	7 15	15 52	1 1	16 45	0 21	9 19	0 25	14 8	1 6	15 15	0 37	14 21	1 3	23 14	0 7	6 44	1 35	22 33	8 47	18 13	18 30	20 30	18 13	3 53
S 3	6 53	18 20	0s 4	16 35	0 31	9 49	0 29	13 52	1 6	15 11	0 37	14 19	1 3	23 14	0 7	6 45	1 35	22 34	8 47	18 13	18 30	20 29	18 12	3 54
M 4	6 29	19 56	1 7	16 24	0 40	10 18	0 34	13 36	1 6	15 6	0 37	14 17	1 3	23 14	0 7	6 46	1 35	22 34	8 47	18 13	18 29	20 28	18 12	3 55
T 5	6 6	20 37	2 7	16 11	0 48	10 47	0 38	13 20	1 7	15 2	0 37	14 14	1 3	23 14	0 7	6 46	1 35	22 35	8 47	18 13	18 28	20 28	18 12	3 55
W 6	5 43	20 23	3 1	15 56	0 57	11 16	0 42	13 4	1 7	14 58	0 37	14 12	1 3	23 14	0 7	6 47	1 35	22 35	8 47	18 13	18 27	20 27	18 11	3 56
T 7	5 20	19 15	3 48	15 41	1 5	11 45	0 46	12 47	1 7	14 54	0 37	14 10	1 3	23 14	0 7	6 48	1 35	22 35	8 47	18 12	18 26	20 27	18 11	3 57
F 8	4 56	17 15	4 25	15 24	1 12	12 13	0 50	12 31	1 7	14 49	0 37	14 8	1 3	23 15	0 7	6 49	1 35	22 36	8 47	18 10	18 25	20 26	18 10	3 57
S 9	4 33	14 28	4 50	15 5	1 19	12 42	0 55	12 14	1 7	14 45	0 37	14 6	1 3	23 15	0 7	6 49	1 35	22 36	8 47	18 8	18 25	20 25	18 10	3 58
S 10	4 10	11 1	5 3	14 46	1 26	13 9	0 59	11 58	1 7	14 41	0 38	14 3	1 3	23 15	0 7	6 50	1 35	22 37	8 47	18 6	18 24	20 25	18 9	3 59
M11	3 46	7 0	5 1	14 25	1 32	13 37	1 3	11 41	1 7	14 36	0 38	14 1	1 3	23 15	0 7	6 51	1 35	22 37	8 47	18 3	18 23	20 24	18 9	3 59
T 12	3 22	2 34	4 44	14 3	1 38	14 4	1 8	11 24	1 7	14 32	0 38	13 59	1 4	23 15	0 7	6 52	1 35	22 37	8 47	18 0	18 22	20 23	18 8	4 0
W13	2 59	2s 3	4 11	13 39	1 44	14 31	1 12	11 7	1 7	14 28	0 38	13 57	1 4	23 15	0 7	6 52	1 35	22 38	8 47	17 58	18 21	20 23	18 8	4 1
T 14	2 35	6 40	3 24	13 15	1 49	14 58	1 16	10 50	1 7	14 24	0 38	13 55	1 4	23 15	0 7	6 53	1 35	22 38	8 47	17 55	18 21	20 22	18 7	4 1
F 15	2 11	11 2	2 24	12 49	1 54	15 24	1 21	10 32	1 7	14 19	0 38	13 53	1 4	23 15	0 7	6 54	1 35	22 38	8 47	17 54	18 20	20 22	18 7	4 2
S 16	1 48	14 50	1 15	12 21	1 58	15 50	1 25	10 15	1 7	14 15	0 38	13 50	1 4	23 15	0 7	6 55	1 35	22 39	8 47	17 53	18 19	20 21	18 6	4 3
S 17	1 24	17 51	0 1	11 53	2 2	16 16	1 29	9 58	1 7	14 11	0 39	13 48	1 4	23 15	0 7	6 56	1 35	22 39	8 47	17 53	18 18	20 20	18 6	4 3
M18	1 0	19 48	1n14	11 23	2 6	16 41	1 34	9 40	1 7	14 7	0 39	13 46	1 4	23 15	0 7	6 56	1 35	22 39	8 47	17 53	18 17	20 20	18 5	4 4
T 19	0 37	20 31	2 24	10 52	2 9	17 6	1 38	9 22	1 7	14 3	0 39	13 44	1 4	23 15	0 7	6 57	1 35	22 40	8 47	17 53	18 17	20 19	18 5	4 4
W20	0 13	19 57	3 26	10 20	2 11	17 30	1 42	9 5	1 7	13 58	0 39	13 42	1 4	23 15	0 7	6 58	1 35	22 40	8 46	17 53	18 16	20 18	18 4	4 5
T 21	0n11	18 7	4 16	9 47	2 14	17 55	1 47	8 47	1 7	13 54	0 39	13 40	1 5	23 15	0 7	6 59	1 35	22 40	8 46	17 53	18 15	20 18	18 3	4 6
F 22	0 35	15 12	4 50	9 13	2 15	18 18	1 51	8 29	1 7	13 50	0 39	13 38	1 5	23 15	0 7	7 0	1 35	22 40	8 46	17 52	18 14	20 17	18 3	4 6
S 23	0 58	11 25	5 6	8 37	2 17	18 41	1 55	8 11	1 7	13 46	0 39	13 36	1 5	23 15	0 7	7 0	1 35	22 41	8 46	17 51	18 13	20 16	18 2	4 7
S 24	1 22	7 2	5 4	8 0	2 18	19 4	2 0	7 53	1 7	13 42	0 40	13 34	1 5	23 15	0 8	7 1	1 35	22 41	8 46	17 49	18 12	20 16	18 2	4 8
M25	1 46	2 20	4 44	7 23	2 18	19 27	2 4	7 35	1 7	13 38	0 40	13 32	1 5	23 16	0 8	7 2	1 35	22 41	8 46	17 47	18 12	20 15	18 1	4 8
T 26	2 9	2n25	4 8	6 44	2 18	19 49	2 8	7 17	1 7	13 34	0 40	13 30	1 5	23 16	0 8	7 3	1 35	22 41	8 46	17 45	18 11	20 14	18 0	4 9
W27	2 33	6 58	3 19	6 3	2 18	20 10	2 13	6 59	1 7	13 29	0 40	13 28	1 5	23 16	0 8	7 4	1 35	22 42	8 46	17 43	18 10	20 14	17 59	4 10
T 28	2 56	11 5	2 21	5 22	2 17	20 31	2 17	6 40	1 7	13 25	0 40	13 26	1 5	23 16	0 8	7 5	1 35	22 42	8 46	17 41	18 9	20 13	17 59	4 10
F 29	3 20	14 36	1 16	4 40	2 16	20 52	2 21	6 22	1 7	13 21	0 40	13 24	1 6	23 16	0 8	7 5	1 35	22 42	8 46	17 41	18 8	20 12	17 58	4 11
S 30	3 43	17 22	0 9	3 57	2 14	21 12	2 25	6 4	1 7	13 17	0 40	13 22	1 6	23 16	0 8	7 6	1 35	22 42	8 45	17 40	18 8	20 11	17 57	4 12
S 31	4n 6	19n16	0s57	3s12	2s12	21n32	2n29	5s45	1s 7	13s13	0s41	13s20	1s 6	23n16	0n 8	7n 7	1s35	22n42	8n45	17s40	18s 7	20n11	17s57	4n12

Julian Day Number = 2524287.5, Delta T = 162.18 sec
Ecliptic obliquity = 23°24'43, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°31'25, Lahiri = 26°38'25

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2199
geocentric

APRIL 2199 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 37 54	11♈22'31	12♊22	28♓48	26♉35	18♓49	26♒57	27♒40	21♊36	22♈ 6	21°R 8	19♏51	21♏26	0♋26	11°R18	M 1
T 2	12 41 50	12°21'51	24°14	0♈37	27°38	19°36	27° 9	27°46	21°37	22° 8	21♑ 8	19°53	21°22	0°32	11♐17	T 2
W 3	12 45 47	13°21'08	6♋ 4	2°28	28°42	20°23	27°21	27°52	21°39	22°10	21° 7	19°54	21°19	0°39	11°16	W 3
T 4	12 49 43	14°20'23	17°56	4°20	29°45	21°10	27°33	27°57	21°41	22°13	21° 6	19°R54	21°16	0°46	11°14	T 4
F 5	12 53 40	15°19'36	29°56	6°13	0♊47	21°57	27°45	28° 3	21°43	22°15	21° 5	19°53	21°13	0°52	11°13	F 5
S 6	12 57 36	16°18'47	12♑ 7	8° 8	1°50	22°44	27°57	28° 9	21°45	22°17	21° 5	19°50	21°10	0°59	11°12	S 6
S 7	13 1 33	17°17'55	24°34	10° 4	2°52	23°31	28° 9	28°14	21°47	22°19	21° 4	19°46	21° 6	1° 6	11°10	S 7
M 8	13 5 30	18°17'01	7♍20	12° 1	3°53	24°18	28°20	28°20	21°49	22°22	21° 3	19°41	21° 3	1°12	11° 9	M 8
T 9	13 9 26	19°16'04	20°28	14° 0	4°55	25° 4	28°32	28°25	21°51	22°24	21° 3	19°36	21° 0	1°19	11° 7	T 9
W10	13 13 23	20°15'06	3♎56	16° 0	5°55	25°51	28°43	28°31	21°53	22°26	21° 2	19°32	20°57	1°26	11° 5	W10
T 11	13 17 19	21°14'05	17°44	18° 1	6°56	26°38	28°54	28°36	21°55	22°28	21° 1	19°28	20°54	1°32	11° 3	T 11
F 12	13 21 16	22°13'02	1♏48	20° 3	7°56	27°25	29° 6	28°41	21°57	22°31	21° 1	19°26	20°51	1°39	11° 2	F 12
S 13	13 25 12	23°11'58	16° 4	22° 6	8°56	28°12	29°17	28°46	21°59	22°33	21° 0	19°D25	20°47	1°46	10°59	S 13
S 14	13 29 9	24°10'51	0♐27	24°11	9°55	28°59	29°28	28°51	22° 1	22°35	21° 0	19°25	20°44	1°52	10°57	S 14
M15	13 33 5	25° 9'43	14°53	26°16	10°54	29°45	29°39	28°56	22° 3	22°38	20°59	19°26	20°41	1°59	10°55	M15
T 16	13 37 2	26° 8'33	29°17	28°22	11°52	0♈32	29°50	29° 1	22° 6	22°40	20°59	19°28	20°38	2° 6	10°53	T 16
W17	13 40 59	27° 7'22	13♑36	0♉28	12°50	1°19	0♓ 1	29° 6	22° 8	22°42	20°58	19°29	20°35	2°12	10°50	W17
T 18	13 44 55	28° 6'08	27°47	2°35	13°47	2° 5	0°11	29°11	22°10	22°44	20°58	19°R29	20°32	2°19	10°48	T 18
F 19	13 48 52	29° 4'53	11♒48	4°41	14°44	2°52	0°22	29°16	22°13	22°47	20°57	19°29	20°28	2°26	10°45	F 19
S 20	13 52 48	0♉ 3'37	25°38	6°47	15°41	3°39	0°32	29°21	22°15	22°49	20°57	19°27	20°25	2°32	10°43	S 20
S 21	13 56 45	1° 2'18	9♓15	8°53	16°37	4°25	0°43	29°25	22°18	22°51	20°57	19°25	20°22	2°39	10°40	S 21
M22	14 0 41	2° 0'58	22°40	10°58	17°32	5°12	0°53	29°30	22°20	22°53	20°56	19°23	20°19	2°46	10°37	M22
T 23	14 4 38	2°59'36	5♈51	13° 1	18°27	5°59	1° 3	29°34	22°23	22°56	20°56	19°20	20°16	2°53	10°34	T 23
W24	14 8 34	3°58'12	18°49	15° 3	19°21	6°45	1°13	29°39	22°26	22°58	20°56	19°18	20°12	2°59	10°31	W24
T 25	14 12 31	4°56'47	1♉32	17° 4	20°15	7°32	1°23	29°43	22°28	23° 0	20°56	19°17	20° 9	3° 6	10°28	T 25
F 26	14 16 28	5°55'19	14° 2	19° 2	21° 8	8°18	1°33	29°47	22°31	23° 2	20°55	19°D16	20° 6	3°13	10°25	F 26
S 27	14 20 24	6°53'50	26°19	20°57	22° 0	9° 4	1°43	29°52	22°34	23° 5	20°55	19°16	20° 3	3°19	10°22	S 27
S 28	14 24 21	7°52'19	8♊25	22°50	22°52	9°51	1°52	29°56	22°36	23° 7	20°55	19°17	20° 0	3°26	10°19	S 28
M29	14 28 17	8°50'46	20°22	24°40	23°43	10°37	2° 2	29°59	22°39	23° 9	20°55	19°18	19°57	3°33	10°16	M29
T 30	14 32 14	9♉49'10	2♋14	26♉26	24♊33	11♈24	2♓11	0♓ 4	22♊42	23♈11	20♑55	19♏19	19♏53	3♋39	10♐12	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	4n30	20n16	2s 0	2s27	2s 9	21n51	2n33	5s27	1s 7	13s 9	0s41	13s18	1s 6	23n16	0n 8	7n 8	1s35	22n43	8n45	17s41	18s 6	20n10	17s56	4n13
T 2	4 53	20 21	2 57	1 40	2 6	22 10	2 37	5 8	1 7	13 5	0 41	13 16	1 6	23 16	0 8	7 9	1 35	22 43	8 45	17 41	18 5	20 9	17 55	4 14
W 3	5 16	19 31	3 46	0 53	2 2	22 28	2 41	4 50	1 7	13 1	0 41	13 14	1 6	23 16	0 8	7 10	1 35	22 43	8 45	17 42	18 4	20 9	17 54	4 14
T 4	5 39	17 50	4 25	0 5	1 57	22 46	2 45	4 31	1 6	12 57	0 41	13 12	1 6	23 17	0 8	7 10	1 35	22 43	8 45	17 42	18 3	20 8	17 53	4 15
F 5	6 2	15 21	4 54	0n45	1 53	23 3	2 49	4 12	1 6	12 53	0 41	13 11	1 7	23 17	0 8	7 11	1 35	22 43	8 45	17 41	18 3	20 7	17 53	4 16
S 6	6 24	12 11	5 9	1 35	1 47	23 20	2 53	3 54	1 6	12 49	0 42	13 9	1 7	23 17	0 8	7 12	1 35	22 43	8 45	17 41	18 2	20 6	17 52	4 16
S 7	6 47	8 25	5 11	2 25	1 42	23 36	2 57	3 35	1 6	12 46	0 42	13 7	1 7	23 17	0 8	7 13	1 35	22 43	8 44	17 40	18 1	20 6	17 51	4 17
M 8	7 10	4 12	4 58	3 17	1 35	23 51	3 0	3 16	1 6	12 42	0 42	13 5	1 7	23 17	0 8	7 14	1 35	22 43	8 44	17 38	18 0	20 5	17 50	4 17
T 9	7 32	0s20	4 29	4 9	1 28	24 6	3 4	2 58	1 6	12 38	0 42	13 4	1 7	23 17	0 8	7 15	1 35	22 44	8 44	17 37	17 59	20 4	17 49	4 18
W10	7 54	4 59	3 44	5 2	1 21	24 21	3 8	2 39	1 6	12 34	0 42	13 2	1 7	23 17	0 8	7 15	1 35	22 44	8 44	17 36	17 58	20 4	17 49	4 19
T 11	8 16	9 30	2 45	5 56	1 13	24 35	3 11	2 20	1 5	12 30	0 42	13 0	1 7	23 17	0 8	7 16	1 35	22 44	8 44	17 35	17 58	20 3	17 48	4 19
F 12	8 38	13 34	1 35	6 50	1 5	24 48	3 14	2 1	1 5	12 26	0 43	12 58	1 8	23 18	0 8	7 17	1 35	22 44	8 44	17 34	17 57	20 2	17 47	4 20
S 13	9 0	16 55	0 18	7 44	0 56	25 1	3 18	1 43	1 5	12 23	0 43	12 57	1 8	23 18	0 8	7 18	1 35	22 44	8 44	17 34	17 56	20 1	17 46	4 20
S 14	9 22	19 14	1n 0	8 38	0 47	25 13	3 21	1 24	1 5	12 19	0 43	12 55	1 8	23 18	0 8	7 19	1 35	22 44	8 43	17 34	17 55	20 1	17 45	4 21
M15	9 44	20 19	2 16	9 33	0 37	25 25	3 24	1 5	1 5	12 15	0 43	12 53	1 8	23 18	0 8	7 20	1 35	22 44	8 43	17 34	17 54	20 0	17 44	4 22
T 16	10 5	20 2	3 22	10 27	0 28	25 36	3 27	0 46	1 4	12 12	0 43	12 52	1 8	23 18	0 8	7 20	1 35	22 44	8 43	17 34	17 53	19 59	17 43	4 22
W17	10 26	18 29	4 16	11 21	0 17	25 47	3 30	0 28	1 4	12 8	0 44	12 50	1 8	23 18	0 8	7 21	1 35	22 44	8 43	17 35	17 52	19 58	17 42	4 23
T 18	10 47	15 48	4 53	12 15	0 7	25 57	3 33	0 9	1 4	12 4	0 44	12 49	1 8	23 18	0 8	7 22	1 35	22 44	8 43	17 35	17 52	19 57	17 41	4 23
F 19	11 8	12 13	5 12	13 8	0n 4	26 7	3 36	0n10	1 4	12 1	0 44	12 47	1 9	23 19	0 8	7 23	1 35	22 44	8 43	17 35	17 51	19 57	17 41	4 24
S 20	11 29	8 2	5 13	14 0	0 15	26 16	3 39	0 29	1 4	11 57	0 44	12 46	1 9	23 19	0 8	7 24	1 35	22 44	8 43	17 34	17 50	19 56	17 40	4 25
S 21	11 49	3 30	4 57	14 51	0 26	26 24	3 41	0 47	1 3	11 54	0 44	12 44	1 9	23 19	0 8	7 25	1 35	22 44	8 42	17 34	17 49	19 55	17 39	4 25
M22	12 10	1n 8	4 24	15 41	0 37	26 32	3 44	1 6	1 3	11 50	0 44	12 43	1 9	23 19	0 8	7 25	1 35	22 44	8 42	17 33	17 48	19 54	17 38	4 26
T 23	12 30	5 39	3 38	16 29	0 48	26 40	3 46	1 25	1 3	11 47	0 45	12 41	1 9	23 19	0 8	7 26	1 35	22 44	8 42	17 33	17 47	19 54	17 37	4 26
W24	12 50	9 50	2 41	17 16	0 58	26 46	3 48	1 43	1 3	11 44	0 45	12 40	1 9	23 19	0 8	7 27	1 35	22 44	8 42	17 32	17 47	19 53	17 36	4 27
T 25	13 9	13 30	1 37	18 1	1 9	26 53	3 50	2 2	1 2	11 40	0 45	12 39	1 10	23 19	0 8	7 28	1 35	22 44	8 42	17 32	17 46	19 52	17 35	4 27
F 26	13 29	16 30	0 29	18 43	1 19	26 58	3 52	2 20	1 2	11 37	0 45	12 37	1 10	23 20	0 8	7 29	1 35	22 43	8 42	17 31	17 45	19 51	17 34	4 28
S 27	13 48	18 41	0s39	19 24	1 29	27 4	3 54	2 39	1 2	11 34	0 45	12 36	1 10	23 20	0 8	7 29	1 35	22 43	8 41	17 31	17 44	19 50	17 33	4 28
S 28	14 7	19 58	1 44	20 2	1 38	27 8	3 55	2 57	1 1	11 30	0 46	12 35	1 10	23 20	0 8	7 30	1 35	22 43	8 41	17 32	17 43	19 50	17 32	4 29
M29	14 26	20 20	2 44	20 38	1 47	27 12	3 57	3 16	1 1	11 27	0 46	12 33	1 10	23 20	0 8	7 31	1 35	22 43	8 41	17 32	17 42	19 49	17 31	4 29
T 30	14n44	19n47	3s36	21n12	1n55	27n16	3n58	3n34	1s 1	11s24	0s46	12s32	1s11	23n20	0n 8	7n32	1s35	22n43	8n41	17s32	17s41	19n48	17s30	4n30

Julian Day Number = 2524318.5, Delta T = 162.26 sec
Ecliptic obliquity = 23°24'43, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°31'29, Lahiri = 26°38'29

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2199
geocentric

MAY 2199 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 36 10	10♉47'33	14♋ 4	28♉ 9	25♊23	12♈10	2♓20	0♓ 7	22♊45	23♈13	20°R55	19♏20	19♏50	3♋46	10°R 9	W 1
T 2	14 40 7	11°45'54	25°56	29°49	26°11	12°56	2°29	0°11	22°48	23°16	20♑55	19°20	19°47	3°53	10♐ 5	T 2
F 3	14 44 3	12°44'12	7♑55	1♊24	26°59	13°42	2°38	0°15	22°50	23°18	20°D55	19°R21	19°44	3°59	10° 2	F 3
S 4	14 48 0	13°42'29	20° 5	2°56	27°46	14°29	2°47	0°19	22°53	23°20	20°55	19°21	19°41	4° 6	9°58	S 4
S 5	14 51 57	14°40'43	2♍31	4°23	28°33	15°15	2°56	0°22	22°56	23°22	20°55	19°20	19°37	4°13	9°54	S 5
M 6	14 55 53	15°38'56	15°16	5°47	29°18	16° 1	3° 5	0°26	22°59	23°24	20°55	19°20	19°34	4°19	9°51	M 6
T 7	14 59 50	16°37'06	28°24	7° 6	0♋ 2	16°47	3°13	0°29	23° 2	23°26	20°55	19°20	19°31	4°26	9°47	T 7
W 8	15 3 46	17°35'15	11♎57	8°21	0°46	17°33	3°21	0°32	23° 5	23°28	20°55	19°19	19°28	4°33	9°43	W 8
T 9	15 7 43	18°33'21	25°54	9°31	1°28	18°19	3°30	0°35	23° 8	23°31	20°55	19°19	19°25	4°39	9°39	T 9
F 10	15 11 39	19°31'26	10♏14	10°37	2°10	19° 5	3°38	0°38	23°11	23°33	20°55	19°D19	19°22	4°46	9°35	F 10
S 11	15 15 36	20°29'29	24°51	11°38	2°50	19°51	3°45	0°41	23°15	23°35	20°56	19°R19	19°18	4°53	9°31	S 11
S 12	15 19 32	21°27'31	9♐39	12°35	3°29	20°37	3°53	0°44	23°18	23°37	20°56	19°19	19°15	5° 0	9°27	S 12
M13	15 23 29	22°25'31	24°31	13°27	4° 7	21°22	4° 1	0°47	23°21	23°39	20°56	19°19	19°12	5° 6	9°23	M13
T 14	15 27 26	23°23'30	9♑20	14°15	4°43	22° 8	4° 8	0°50	23°24	23°41	20°57	19°19	19° 9	5°13	9°19	T 14
W15	15 31 22	24°21'27	23°59	14°57	5°19	22°54	4°16	0°53	23°27	23°43	20°57	19°18	19° 6	5°20	9°15	W15
T 16	15 35 19	25°19'23	8♒22	15°35	5°53	23°40	4°23	0°55	23°30	23°45	20°57	19°18	19° 3	5°26	9°11	T 16
F 17	15 39 15	26°17'18	22°27	16° 8	6°26	24°25	4°30	0°58	23°34	23°47	20°58	19°D18	18°59	5°33	9° 7	F 17
S 18	15 43 12	27°15'12	6♓12	16°36	6°57	25°11	4°37	1° 0	23°37	23°49	20°58	19°18	18°56	5°40	9° 2	S 18
S 19	15 47 8	28°13'04	19°38	16°59	7°27	25°56	4°44	1° 2	23°40	23°51	20°58	19°18	18°53	5°46	8°58	S 19
M20	15 51 5	29°10'55	2♈46	17°17	7°55	26°42	4°50	1° 5	23°44	23°53	20°59	19°19	18°50	5°53	8°54	M20
T 21	15 55 1	0♊ 8'45	15°37	17°30	8°22	27°27	4°57	1° 7	23°47	23°55	20°59	19°20	18°47	6° 0	8°49	T 21
W22	15 58 58	1° 6'33	28°14	17°38	8°47	28°13	5° 3	1° 9	23°50	23°57	21° 0	19°21	18°43	6° 6	8°45	W22
T 23	16 2 55	2° 4'21	10♉38	17°R41	9°11	28°58	5° 9	1°11	23°54	23°58	21° 0	19°21	18°40	6°13	8°41	T 23
F 24	16 6 51	3° 2'07	22°52	17°40	9°33	29°44	5°15	1°12	23°57	24° 0	21° 1	19°R22	18°37	6°20	8°36	F 24
S 25	16 10 48	3°59'52	4♊57	17°34	9°53	0♉29	5°21	1°14	24° 0	24° 2	21° 2	19°21	18°34	6°26	8°32	S 25
S 26	16 14 44	4°57'36	16°55	17°23	10°11	1°14	5°27	1°16	24° 4	24° 4	21° 2	19°20	18°31	6°33	8°28	S 26
M27	16 18 41	5°55'18	28°48	17° 9	10°27	1°59	5°32	1°17	24° 7	24° 6	21° 3	19°18	18°28	6°40	8°23	M27
T 28	16 22 37	6°52'59	10♋39	16°50	10°41	2°45	5°37	1°19	24°11	24° 8	21° 4	19°15	18°24	6°47	8°19	T 28
W29	16 26 34	7°50'39	22°29	16°28	10°53	3°30	5°43	1°20	24°14	24° 9	21° 4	19°12	18°21	6°53	8°15	W29
T 30	16 30 30	8°48'17	4♑22	16° 3	11° 3	4°15	5°48	1°21	24°18	24°11	21° 5	19° 9	18°18	7° 0	8°10	T 30
F 31	16 34 27	9♊45'53	16♑20	15♊35	11♋11	5♉ 0	5♓52	1♓22	24♊21	24♈13	21♑ 6	19♏ 7	18♏15	7♋ 7	8♐ 6	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	15n 3	18n22	4s19	21n43	2n 3	27n19	3n59	3n52	1s 1	11s21	0s46	12s31	1s11	23n20	0n 8	7n33	1s35	22n43	8n41	17s32	17s41	19n47	17s29	4n30
T 2	15 21	16 10	4 51	22 12	2 10	27 22	4 0	4 11	1 0	11 18	0 47	12 30	1 11	23 21	0 8	7 33	1 35	22 43	8 41	17 33	17 40	19 46	17 28	4 31
F 3	15 39	13 15	5 11	22 38	2 16	27 24	4 1	4 29	1 0	11 15	0 47	12 29	1 11	23 21	0 8	7 34	1 35	22 43	8 40	17 33	17 39	19 45	17 27	4 31
S 4	15 56	9 45	5 17	23 1	2 21	27 25	4 2	4 47	1 0	11 12	0 47	12 28	1 11	23 21	0 8	7 35	1 35	22 42	8 40	17 33	17 38	19 45	17 26	4 32
S 5	16 13	5 45	5 9	23 23	2 25	27 27	4 2	5 5	0 59	11 9	0 47	12 27	1 11	23 21	0 8	7 36	1 35	22 42	8 40	17 33	17 37	19 44	17 25	4 32
M 6	16 30	1 24	4 46	23 41	2 29	27 27	4 3	5 23	0 59	11 6	0 47	12 26	1 12	23 21	0 8	7 37	1 35	22 42	8 40	17 32	17 36	19 43	17 24	4 33
T 7	16 47	3s 8	4 7	23 58	2 32	27 27	4 3	5 41	0 59	11 3	0 48	12 25	1 12	23 21	0 8	7 37	1 35	22 42	8 40	17 32	17 35	19 42	17 23	4 33
W 8	17 4	7 41	3 13	24 12	2 33	27 27	4 3	5 59	0 58	11 0	0 48	12 24	1 12	23 22	0 8	7 38	1 35	22 42	8 40	17 32	17 35	19 41	17 22	4 34
T 9	17 20	11 58	2 6	24 24	2 34	27 27	4 2	6 17	0 58	10 58	0 48	12 23	1 12	23 22	0 8	7 39	1 35	22 41	8 39	17 32	17 34	19 40	17 21	4 34
F 10	17 36	15 40	0 50	24 33	2 34	27 25	4 2	6 35	0 57	10 55	0 48	12 22	1 12	23 22	0 8	7 40	1 35	22 41	8 39	17 32	17 33	19 40	17 20	4 35
S 11	17 51	18 28	0n31	24 41	2 33	27 24	4 1	6 52	0 57	10 52	0 49	12 21	1 12	23 22	0 8	7 40	1 35	22 41	8 39	17 32	17 32	19 39	17 19	4 35
S 12	18 6	20 3	1 51	24 46	2 31	27 22	4 0	7 10	0 57	10 50	0 49	12 20	1 13	23 22	0 8	7 41	1 35	22 41	8 39	17 32	17 31	19 38	17 18	4 35
M13	18 21	20 15	3 3	24 50	2 27	27 19	3 59	7 27	0 56	10 47	0 49	12 19	1 13	23 22	0 8	7 42	1 35	22 40	8 39	17 32	17 30	19 37	17 17	4 36
T 14	18 36	19 2	4 3	24 51	2 23	27 17	3 57	7 45	0 56	10 45	0 49	12 18	1 13	23 23	0 8	7 42	1 35	22 40	8 39	17 32	17 29	19 36	17 16	4 36
W15	18 50	16 34	4 47	24 51	2 18	27 14	3 55	8 2	0 55	10 42	0 49	12 17	1 13	23 23	0 8	7 43	1 35	22 40	8 38	17 32	17 29	19 35	17 15	4 37
T 16	19 4	13 8	5 12	24 49	2 11	27 10	3 53	8 19	0 55	10 40	0 50	12 17	1 13	23 23	0 8	7 44	1 35	22 40	8 38	17 32	17 28	19 34	17 14	4 37
F 17	19 18	9 1	5 17	24 45	2 4	27 6	3 51	8 37	0 55	10 37	0 50	12 16	1 14	23 23	0 8	7 45	1 35	22 39	8 38	17 32	17 27	19 33	17 13	4 37
S 18	19 31	4 31	5 4	24 39	1 56	27 2	3 48	8 54	0 54	10 35	0 50	12 15	1 14	23 23	0 8	7 45	1 35	22 39	8 38	17 32	17 26	19 33	17 12	4 38
S 19	19 44	0n 6	4 34	24 32	1 46	26 57	3 46	9 11	0 54	10 33	0 50	12 15	1 14	23 23	0 8	7 46	1 35	22 39	8 38	17 32	17 25	19 32	17 11	4 38
M20	19 57	4 37	3 51	24 23	1 36	26 52	3 42	9 27	0 53	10 31	0 51	12 14	1 14	23 24	0 8	7 47	1 35	22 38	8 37	17 32	17 24	19 31	17 10	4 38
T 21	20 9	8 51	2 56	24 13	1 24	26 47	3 39	9 44	0 53	10 29	0 51	12 14	1 14	23 24	0 8	7 47	1 35	22 38	8 37	17 32	17 23	19 30	17 9	4 39
W22	20 21	12 37	1 54	24 1	1 12	26 42	3 35	10 1	0 52	10 27	0 51	12 13	1 15	23 24	0 8	7 48	1 35	22 38	8 37	17 33	17 22	19 29	17 8	4 39
T 23	20 33	15 46	0 48	23 48	0 58	26 36	3 31	10 17	0 52	10 24	0 51	12 13	1 15	23 24	0 8	7 49	1 35	22 37	8 37	17 33	17 22	19 28	17 7	4 39
F 24	20 44	18 9	0s19	23 34	0 44	26 30	3 26	10 34	0 51	10 23	0 52	12 12	1 15	23 24	0 8	7 49	1 35	22 37	8 37	17 33	17 21	19 27	17 7	4 40
S 25	20 55	19 42	1 25	23 19	0 29	26 23	3 21	10 50	0 51	10 21	0 52	12 12	1 15	23 24	0 8	7 50	1 36	22 37	8 37	17 33	17 20	19 26	17 6	4 40
S 26	21 6	20 20	2 27	23 2	0 13	26 17	3 16	11 6	0 50	10 19	0 52	12 11	1 15	23 24	0 8	7 51	1 36	22 36	8 36	17 32	17 19	19 25	17 5	4 40
M27	21 16	20 3	3 21	22 44	0s 3	26 10	3 10	11 22	0 50	10 17	0 52	12 11	1 16	23 25	0 8	7 51	1 36	22 36	8 36	17 32	17 18	19 24	17 4	4 40
T 28	21 26	18 53	4 7	22 26	0 20	26 2	3 4	11 38	0 49	10 15	0 53	12 11	1 16	23 25	0 8	7 52	1 36	22 36	8 36	17 31	17 17	19 24	17 3	4 41
W29	21 36	16 54	4 42	22 6	0 37	25 55	2 58	11 54	0 49	10 14	0 53	12 10	1 16	23 25	0 8	7 52	1 36	22 35	8 36	17 30	17 16	19 23	17 2	4 41
T 30	21 45	14 13	5 5	21 46	0 55	25 47	2 51	12 10	0 48	10 12	0 53	12 10	1 16	23 25	0 8	7 53	1 36	22 35	8 36	17 30	17 15	19 22	17 1	4 41
F 31	21n53	10n55	5s15	21n26	1s13	25n39	2n43	12n25	0s48	10s11	0s53	12s10	1s16	23n25	0n 8	7n54	1s36	22n34	8n36	17s29	17s15	19n21	17s 0	4n41

Julian Day Number = 2524348.5, Delta T = 162.34 sec
Ecliptic obliquity = 23°24'42, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°31'33, Lahiri = 26°38'34

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2199
geocentric

JUNE 2199 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 38 24	10♊43'29	28♌29	15°R 5	11♋17	5♉45	5♓57	1♓24	24♊24	24♈15	21♌ 7	19°R 5	18♏12	7♋13	8°R 1	S 1
S 2	16 42 20	11°41'02	10♍52	14♊33	11°20	6°29	6° 2	1°24	24°28	24°16	21° 7	19°D 5	18° 9	7°20	7♐57	S 2
M 3	16 46 17	12°38'35	23°33	14° 0	11°R21	7°14	6° 6	1°25	24°31	24°18	21° 8	19♏ 5	18° 5	7°27	7°53	M 3
T 4	16 50 13	13°36'06	6♎37	13°26	11°19	7°59	6°10	1°26	24°35	24°20	21° 9	19° 6	18° 2	7°33	7°48	T 4
W 5	16 54 10	14°33'35	20° 5	12°53	11°16	8°44	6°14	1°27	24°39	24°21	21°10	19° 8	17°59	7°40	7°44	W 5
T 6	16 58 6	15°31'04	4♏ 1	12°19	11° 9	9°28	6°18	1°27	24°42	24°23	21°11	19° 9	17°56	7°47	7°40	T 6
F 7	17 2 3	16°28'31	18°22	11°48	11° 1	10°13	6°21	1°28	24°46	24°24	21°12	19°R10	17°53	7°53	7°35	F 7
S 8	17 5 59	17°25'58	3♐ 8	11°17	10°50	10°57	6°25	1°28	24°49	24°26	21°13	19° 9	17°49	8° 0	7°31	S 8
S 9	17 9 56	18°23'23	18°10	10°49	10°36	11°42	6°28	1°28	24°53	24°27	21°14	19° 7	17°46	8° 7	7°27	S 9
M10	17 13 53	19°20'47	3♑21	10°24	10°20	12°26	6°31	1°29	24°56	24°29	21°15	19° 4	17°43	8°13	7°23	M10
T 11	17 17 49	20°18'11	18°30	10° 2	10° 2	13°11	6°34	1°R29	25° 0	24°30	21°16	19° 0	17°40	8°20	7°19	T 11
W12	17 21 46	21°15'34	3♒29	9°43	9°42	13°55	6°37	1°29	25° 3	24°32	21°17	18°56	17°37	8°27	7°14	W12
T 13	17 25 42	22°12'56	18° 9	9°28	9°19	14°39	6°39	1°28	25° 7	24°33	21°18	18°52	17°34	8°34	7°10	T 13
F 14	17 29 39	23°10'17	2♓25	9°17	8°54	15°24	6°41	1°28	25°10	24°35	21°19	18°49	17°30	8°40	7° 6	F 14
S 15	17 33 35	24° 7'38	16°15	9°10	8°27	16° 8	6°44	1°28	25°14	24°36	21°20	18°47	17°27	8°47	7° 2	S 15
S 16	17 37 32	25° 4'59	29°39	9°D 7	7°58	16°52	6°45	1°28	25°18	24°37	21°21	18°D47	17°24	8°54	6°58	S 16
M17	17 41 28	26° 2'19	12♈40	9° 9	7°28	17°36	6°47	1°27	25°21	24°39	21°22	18°48	17°21	9° 0	6°54	M17
T 18	17 45 25	26°59'39	25°20	9°16	6°56	18°20	6°49	1°26	25°25	24°40	21°24	18°49	17°18	9° 7	6°50	T 18
W19	17 49 22	27°56'58	7♉44	9°27	6°22	19° 4	6°50	1°26	25°28	24°41	21°25	18°51	17°15	9°14	6°46	W19
T 20	17 53 18	28°54'18	19°56	9°42	5°48	19°48	6°51	1°25	25°32	24°42	21°26	18°R51	17°11	9°20	6°43	T 20
F 21	17 57 15	29°51'36	1♊58	10° 3	5°12	20°31	6°52	1°24	25°35	24°44	21°27	18°50	17° 8	9°27	6°39	F 21
S 22	18 1 11	0♋48'55	13°53	10°27	4°35	21°15	6°53	1°23	25°39	24°45	21°29	18°47	17° 5	9°34	6°35	S 22
S 23	18 5 8	1°46'12	25°45	10°57	3°58	21°59	6°54	1°22	25°43	24°46	21°30	18°43	17° 2	9°40	6°31	S 23
M24	18 9 4	2°43'30	7♋35	11°30	3°21	22°42	6°54	1°21	25°46	24°47	21°31	18°36	16°59	9°47	6°28	M24
T 25	18 13 1	3°40'47	19°26	12° 8	2°43	23°26	6°54	1°19	25°50	24°48	21°32	18°28	16°55	9°54	6°24	T 25
W26	18 16 57	4°38'03	1♌18	12°51	2° 6	24° 9	6°R54	1°18	25°53	24°49	21°34	18°19	16°52	10° 1	6°21	W26
T 27	18 20 54	5°35'19	13°14	13°38	1°29	24°53	6°54	1°17	25°57	24°50	21°35	18°11	16°49	10° 7	6°17	T 27
F 28	18 24 51	6°32'34	25°16	14°28	0°52	25°36	6°54	1°15	26° 0	24°51	21°37	18° 3	16°46	10°14	6°14	F 28
S 29	18 28 47	7°29'49	7♍27	15°23	0°17	26°19	6°53	1°13	26° 4	24°52	21°38	17°58	16°43	10°21	6°10	S 29
S 30	18 32 44	8♋27'03	19♍50	16♊22	29♊42	27♉ 3	6♓52	1♓12	26♊ 7	24♈53	21♌39	17♏54	16♏40	10♋27	6♐ 7	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n 2	7n 7	5s11	21n 5	1s30	25n31	2n36	12n41	0s47	10s 9	0s54	12s10	1s17	23n25	0n 8	7n54	1s36	22n34	8n36	17s28	17s14	19n20	16s59	4n42
S 2	22 10	2 58	4 53	20 44	1 47	25 23	2 27	12 56	0 47	10 8	0 54	12 9	1 17	23 26	0 8	7 55	1 36	22 34	8 35	17 28	17 13	19 19	16 58	4 42
M 3	22 17	1s25	4 20	20 24	2 4	25 14	2 19	13 11	0 46	10 6	0 54	12 9	1 17	23 26	0 8	7 55	1 36	22 33	8 35	17 28	17 12	19 18	16 57	4 42
T 4	22 24	5 53	3 33	20 4	2 21	25 5	2 10	13 26	0 46	10 5	0 55	12 9	1 17	23 26	0 8	7 56	1 36	22 33	8 35	17 29	17 11	19 17	16 57	4 42
W 5	22 31	10 12	2 33	19 44	2 36	24 56	2 0	13 41	0 45	10 4	0 55	12 9	1 17	23 26	0 8	7 56	1 36	22 32	8 35	17 29	17 10	19 16	16 56	4 42
T 6	22 38	14 8	1 22	19 25	2 51	24 47	1 50	13 56	0 45	10 3	0 55	12 9	1 18	23 26	0 8	7 57	1 36	22 32	8 35	17 30	17 9	19 15	16 55	4 43
F 7	22 44	17 21	0 4	19 7	3 5	24 37	1 40	14 10	0 44	10 2	0 55	12 9	1 18	23 26	0 8	7 58	1 36	22 31	8 35	17 30	17 8	19 14	16 54	4 43
S 8	22 49	19 31	1n16	18 50	3 18	24 27	1 29	14 24	0 43	10 1	0 56	12 9	1 18	23 26	0 8	7 58	1 36	22 31	8 34	17 30	17 8	19 13	16 53	4 43
S 9	22 54	20 21	2 32	18 35	3 30	24 17	1 18	14 39	0 43	10 0	0 56	12 9	1 18	23 27	0 8	7 59	1 36	22 31	8 34	17 29	17 7	19 12	16 52	4 43
M10	22 59	19 44	3 39	18 21	3 40	24 7	1 6	14 53	0 42	9 59	0 56	12 9	1 18	23 27	0 8	7 59	1 36	22 30	8 34	17 28	17 6	19 11	16 52	4 43
T 11	23 3	17 41	4 29	18 9	3 49	23 56	0 54	15 7	0 42	9 58	0 56	12 10	1 19	23 27	0 8	8 0	1 36	22 30	8 34	17 27	17 5	19 10	16 51	4 43
W12	23 7	14 28	5 1	17 58	3 57	23 45	0 42	15 21	0 41	9 57	0 57	12 10	1 19	23 27	0 8	8 0	1 36	22 29	8 34	17 26	17 4	19 9	16 50	4 43
T 13	23 11	10 25	5 12	17 49	4 4	23 34	0 29	15 34	0 41	9 57	0 57	12 10	1 19	23 27	0 8	8 1	1 36	22 29	8 34	17 25	17 3	19 8	16 49	4 43
F 14	23 14	5 52	5 4	17 43	4 9	23 23	0 16	15 48	0 40	9 56	0 57	12 10	1 19	23 27	0 8	8 1	1 36	22 28	8 34	17 24	17 2	19 7	16 49	4 44
S 15	23 17	1 9	4 37	17 38	4 13	23 11	0 2	16 1	0 39	9 55	0 58	12 11	1 19	23 27	0 8	8 1	1 36	22 28	8 34	17 23	17 1	19 6	16 48	4 44
S 16	23 19	3n29	3 56	17 35	4 16	22 59	0s11	16 14	0 39	9 55	0 58	12 11	1 20	23 28	0 8	8 2	1 37	22 27	8 33	17 23	17 0	19 5	16 47	4 44
M17	23 21	7 50	3 4	17 33	4 17	22 47	0 25	16 27	0 38	9 55	0 58	12 11	1 20	23 28	0 8	8 2	1 37	22 27	8 33	17 24	16 59	19 5	16 46	4 44
T 18	23 23	11 43	2 5	17 34	4 18	22 35	0 39	16 40	0 38	9 54	0 58	12 12	1 20	23 28	0 8	8 3	1 37	22 26	8 33	17 24	16 59	19 4	16 46	4 44
W19	23 24	15 1	1 0	17 36	4 17	22 22	0 53	16 53	0 37	9 54	0 59	12 12	1 20	23 28	0 8	8 3	1 37	22 26	8 33	17 24	16 58	19 3	16 45	4 44
T 20	23 24	17 36	0s 6	17 41	4 15	22 10	1 8	17 5	0 36	9 54	0 59	12 13	1 20	23 28	0 8	8 4	1 37	22 25	8 33	17 25	16 57	19 2	16 44	4 44
F 21	23 25	19 23	1 11	17 46	4 12	21 57	1 22	17 17	0 36	9 54	0 59	12 13	1 21	23 28	0 8	8 4	1 37	22 25	8 33	17 24	16 56	19 1	16 44	4 44
S 22	23 25	20 16	2 12	17 54	4 8	21 44	1 36	17 29	0 35	9 54	0 59	12 14	1 21	23 28	0 8	8 4	1 37	22 24	8 33	17 24	16 55	19 0	16 43	4 44
S 23	23 24	20 14	3 6	18 3	4 3	21 31	1 50	17 41	0 34	9 54	1 0	12 14	1 21	23 29	0 8	8 5	1 37	22 23	8 33	17 22	16 54	18 59	16 42	4 44
M24	23 23	19 19	3 53	18 13	3 58	21 18	2 4	17 53	0 34	9 54	1 0	12 15	1 21	23 29	0 8	8 5	1 37	22 23	8 32	17 20	16 53	18 58	16 42	4 44
T 25	23 22	17 34	4 29	18 24	3 51	21 5	2 18	18 5	0 33	9 54	1 0	12 16	1 21	23 29	0 8	8 5	1 37	22 22	8 32	17 18	16 52	18 57	16 41	4 44
W26	23 20	15 4	4 54	18 37	3 44	20 53	2 31	18 16	0 32	9 54	1 1	12 16	1 22	23 29	0 8	8 6	1 37	22 22	8 32	17 16	16 51	18 55	16 41	4 44
T 27	23 18	11 56	5 6	18 50	3 36	20 40	2 44	18 27	0 32	9 55	1 1	12 17	1 22	23 29	0 8	8 6	1 37	22 21	8 32	17 13	16 51	18 54	16 40	4 44
F 28	23 15	8 17	5 5	19 5	3 27	20 28	2 57	18 38	0 31	9 55	1 1	12 18	1 22	23 29	0 8	8 6	1 37	22 21	8 32	17 11	16 50	18 53	16 40	4 44
S 29	23 12	4 16	4 50	19 20	3 18	20 16	3 9	18 49	0 30	9 55	1 1	12 18	1 22	23 29	0 8	8 7	1 37	22 20	8 32	17 10	16 49	18 52	16 39	4 44
S 30	23n 9	0n 1	4s21	19n36	3s 8	20n 4	3s21	19n 0	0s30	9s56	1s 2	12s19	1s22	23n29	0n 8	8n 7	1s37	22n20	8n32	17s 9	16s48	18n51	16s39	4n44

Julian Day Number = 2524379.5, Delta T = 162.43 sec
Ecliptic obliquity = 23°24'42, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°31'37, Lahiri = 26°38'38

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2199
geocentric

JULY 2199 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 36 40	9♋24'17	2♎29	17♊26	29°R 9	27♉46	6°R52	1°R10	26♊11	24♈54	21♌41	17°R52	16♏36	10♋34	6°R 4	M 1
T 2	18 40 37	10°21'30	15°27	18°32	28♊37	28°29	6♓50	1♓ 8	26°14	24°55	21°42	17°D52	16°33	10°41	6♐ 1	T 2
W 3	18 44 33	11°18'43	28°48	19°43	28° 7	29°12	6°49	1° 6	26°18	24°56	21°44	17♏53	16°30	10°47	5°58	W 3
T 4	18 48 30	12°15'55	12♏35	20°58	27°39	29°55	6°47	1° 4	26°21	24°56	21°45	17°R53	16°27	10°54	5°55	T 4
F 5	18 52 26	13°13'07	26°49	22°17	27°12	0♊38	6°46	1° 1	26°25	24°57	21°47	17°53	16°24	11° 1	5°52	F 5
S 6	18 56 23	14°10'19	11♐29	23°39	26°48	1°21	6°44	0°59	26°28	24°58	21°48	17°51	16°21	11° 8	5°49	S 6
S 7	19 0 20	15° 7'30	26°30	25° 5	26°25	2° 3	6°42	0°57	26°31	24°59	21°50	17°47	16°17	11°14	5°46	S 7
M 8	19 4 16	16° 4'41	11♑45	26°35	26° 5	2°46	6°40	0°54	26°35	24°59	21°51	17°40	16°14	11°21	5°44	M 8
T 9	19 8 13	17° 1'53	27° 3	28° 8	25°47	3°29	6°37	0°52	26°38	25° 0	21°53	17°32	16°11	11°28	5°41	T 9
W10	19 12 9	17°59'04	12♒13	29°45	25°32	4°11	6°34	0°49	26°42	25° 1	21°55	17°24	16° 8	11°34	5°39	W10
T 11	19 16 6	18°56'15	27° 5	1♋25	25°19	4°54	6°32	0°47	26°45	25° 1	21°56	17°15	16° 5	11°41	5°36	T 11
F 12	19 20 2	19°53'27	11♓32	3° 9	25° 8	5°36	6°29	0°44	26°48	25° 2	21°58	17° 8	16° 1	11°48	5°34	F 12
S 13	19 23 59	20°50'39	25°30	4°55	25° 0	6°18	6°25	0°41	26°52	25° 2	21°59	17° 4	15°58	11°54	5°32	S 13
S 14	19 27 55	21°47'51	8♈59	6°45	24°54	7° 1	6°22	0°38	26°55	25° 3	22° 1	17° 1	15°55	12° 1	5°29	S 14
M15	19 31 52	22°45'04	22° 0	8°38	24°50	7°43	6°18	0°35	26°58	25° 3	22° 3	17°D 0	15°52	12° 8	5°27	M15
T 16	19 35 49	23°42'18	4♉38	10°34	24°D49	8°25	6°15	0°32	27° 2	25° 4	22° 4	17° 1	15°49	12°15	5°25	T 16
W17	19 39 45	24°39'32	16°58	12°32	24°50	9° 7	6°11	0°29	27° 5	25° 4	22° 6	17°R 1	15°46	12°21	5°23	W17
T 18	19 43 42	25°36'46	29° 3	14°32	24°54	9°49	6° 7	0°26	27° 8	25° 5	22° 8	17° 0	15°42	12°28	5°22	T 18
F 19	19 47 38	26°34'01	10♊59	16°35	24°59	10°31	6° 2	0°22	27°11	25° 5	22° 9	16°58	15°39	12°35	5°20	F 19
S 20	19 51 35	27°31'17	22°50	18°39	25° 7	11°13	5°58	0°19	27°15	25° 5	22°11	16°53	15°36	12°41	5°18	S 20
S 21	19 55 31	28°28'33	4♋39	20°44	25°17	11°55	5°53	0°16	27°18	25° 5	22°13	16°45	15°33	12°48	5°17	S 21
M22	19 59 28	29°25'50	16°29	22°51	25°29	12°36	5°49	0°12	27°21	25° 6	22°15	16°35	15°30	12°55	5°15	M22
T 23	20 3 25	0♌23'07	28°22	24°58	25°44	13°18	5°44	0° 9	27°24	25° 6	22°16	16°22	15°27	13° 1	5°14	T 23
W24	20 7 21	1°20'25	10♌20	27° 6	26° 0	13°59	5°38	0° 5	27°27	25° 6	22°18	16° 9	15°23	13° 8	5°12	W24
T 25	20 11 18	2°17'43	22°23	29°14	26°18	14°41	5°33	0° 1	27°30	25° 6	22°20	15°56	15°20	13°15	5°11	T 25
F 26	20 15 14	3°15'01	4♍33	1♌22	26°37	15°22	5°28	29♒58	27°33	25° 6	22°22	15°45	15°17	13°22	5°10	F 26
S 27	20 19 11	4°12'20	16°52	3°30	26°59	16° 4	5°22	29°54	27°36	25° 6	22°23	15°35	15°14	13°28	5° 9	S 27
S 28	20 23 7	5° 9'39	29°22	5°37	27°22	16°45	5°17	29°50	27°39	25° 6	22°25	15°28	15°11	13°35	5° 8	S 28
M29	20 27 4	6° 6'59	12♎ 4	7°43	27°47	17°26	5°11	29°46	27°42	25°R 6	22°27	15°24	15° 7	13°42	5° 8	M29
T 30	20 31 0	7° 4'19	25° 2	9°48	28°13	18° 7	5° 5	29°42	27°45	25° 6	22°29	15°22	15° 4	13°48	5° 7	T 30
W31	20 34 57	8♌ 1'40	8♏20	11♌52	28♊42	18♊48	4♓59	29♒38	27♊48	25♈ 6	22♌31	15♏22	15♏ 1	13♋55	5♐ 6	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23n 5	4s20	3s39	19n52	2s58	19n52	3s32	19n10	0s29	9s57	1s 2	12s20	1s23	23n29	0n 8	8n 7	1s37	22n19	8n32	17s 8	16s47	18n50	16s38	4n44
T 2	23 0	8 37	2 45	20 9	2 47	19 41	3 43	19 20	0 28	9 57	1 2	12 21	1 23	23 30	0 8	8 7	1 37	22 18	8 32	17 8	16 46	18 49	16 38	4 44
W 3	22 56	12 36	1 41	20 26	2 35	19 31	3 53	19 30	0 28	9 58	1 3	12 22	1 23	23 30	0 8	8 8	1 37	22 18	8 32	17 8	16 45	18 48	16 37	4 44
T 4	22 51	16 3	0 28	20 43	2 24	19 20	4 3	19 40	0 27	9 59	1 3	12 23	1 23	23 30	0 8	8 8	1 37	22 17	8 31	17 9	16 44	18 47	16 37	4 43
F 5	22 45	18 39	0n48	20 59	2 12	19 11	4 12	19 50	0 26	10 0	1 3	12 24	1 23	23 30	0 8	8 8	1 38	22 17	8 31	17 9	16 43	18 46	16 36	4 43
S 6	22 40	20 6	2 3	21 16	2 0	19 2	4 21	19 59	0 25	10 1	1 3	12 25	1 23	23 30	0 8	8 8	1 38	22 16	8 31	17 8	16 42	18 45	16 36	4 43
S 7	22 33	20 11	3 11	21 32	1 47	18 53	4 29	20 9	0 25	10 2	1 4	12 26	1 24	23 30	0 8	8 9	1 38	22 16	8 31	17 7	16 41	18 44	16 36	4 43
M 8	22 27	18 47	4 7	21 47	1 35	18 45	4 36	20 18	0 24	10 3	1 4	12 27	1 24	23 30	0 8	8 9	1 38	22 15	8 31	17 5	16 41	18 43	16 35	4 43
T 9	22 20	16 3	4 45	22 2	1 22	18 38	4 43	20 27	0 23	10 4	1 4	12 28	1 24	23 30	0 8	8 9	1 38	22 14	8 31	17 3	16 40	18 42	16 35	4 43
W10	22 12	12 15	5 3	22 15	1 9	18 31	4 49	20 35	0 23	10 5	1 4	12 29	1 24	23 30	0 8	8 9	1 38	22 14	8 31	17 0	16 39	18 41	16 35	4 43
T 11	22 5	7 46	5 0	22 28	0 57	18 25	4 55	20 44	0 22	10 7	1 5	12 30	1 24	23 30	0 8	8 9	1 38	22 13	8 31	16 58	16 38	18 40	16 34	4 43
F 12	21 56	2 57	4 38	22 38	0 44	18 20	5 0	20 52	0 21	10 8	1 5	12 31	1 25	23 31	0 8	8 9	1 38	22 13	8 31	16 56	16 37	18 39	16 34	4 43
S 13	21 48	1n52	3 59	22 48	0 32	18 15	5 4	21 0	0 20	10 9	1 5	12 32	1 25	23 31	0 8	8 10	1 38	22 12	8 31	16 55	16 36	18 38	16 34	4 42
S 14	21 39	6 26	3 8	22 55	0 19	18 11	5 8	21 8	0 20	10 11	1 6	12 34	1 25	23 31	0 8	8 10	1 38	22 11	8 31	16 54	16 35	18 37	16 34	4 42
M15	21 30	10 34	2 9	23 1	0 7	18 7	5 12	21 16	0 19	10 12	1 6	12 35	1 25	23 31	0 8	8 10	1 38	22 11	8 31	16 54	16 34	18 36	16 34	4 42
T 16	21 20	14 5	1 6	23 4	0n 5	18 4	5 15	21 23	0 18	10 14	1 6	12 36	1 25	23 31	0 8	8 10	1 38	22 10	8 31	16 54	16 33	18 35	16 33	4 42
W17	21 10	16 53	0 0	23 5	0 16	18 1	5 18	21 30	0 17	10 16	1 6	12 37	1 25	23 31	0 8	8 10	1 38	22 10	8 31	16 54	16 32	18 33	16 33	4 42
T 18	21 0	18 53	1s 4	23 4	0 27	17 59	5 20	21 37	0 17	10 18	1 7	12 39	1 26	23 31	0 8	8 10	1 38	22 9	8 31	16 54	16 31	18 32	16 33	4 42
F 19	20 49	20 1	2 4	23 0	0 37	17 58	5 21	21 44	0 16	10 19	1 7	12 40	1 26	23 31	0 8	8 10	1 38	22 8	8 31	16 53	16 30	18 31	16 33	4 41
S 20	20 38	20 15	2 58	22 53	0 47	17 57	5 23	21 51	0 15	10 21	1 7	12 41	1 26	23 31	0 8	8 10	1 38	22 8	8 31	16 52	16 30	18 30	16 33	4 41
S 21	20 27	19 36	3 44	22 44	0 56	17 56	5 24	21 57	0 14	10 23	1 7	12 43	1 26	23 31	0 8	8 10	1 38	22 7	8 31	16 49	16 29	18 29	16 33	4 41
M22	20 15	18 5	4 21	22 32	1 4	17 56	5 24	22 4	0 13	10 25	1 8	12 44	1 26	23 31	0 8	8 10	1 39	22 7	8 31	16 46	16 28	18 28	16 33	4 41
T 23	20 3	15 47	4 46	22 18	1 12	17 56	5 24	22 10	0 13	10 27	1 8	12 45	1 26	23 31	0 8	8 10	1 39	22 6	8 31	16 43	16 27	18 27	16 33	4 41
W24	19 50	12 50	4 59	22 0	1 19	17 57	5 24	22 15	0 12	10 29	1 8	12 47	1 27	23 32	0 8	8 10	1 39	22 5	8 31	16 39	16 26	18 26	16 33	4 40
T 25	19 38	9 19	4 59	21 41	1 25	17 58	5 24	22 21	0 11	10 31	1 8	12 48	1 27	23 32	0 8	8 10	1 39	22 5	8 31	16 35	16 25	18 25	16 33	4 40
F 26	19 24	5 24	4 45	21 18	1 31	17 59	5 23	22 26	0 10	10 34	1 9	12 50	1 27	23 32	0 8	8 10	1 39	22 4	8 31	16 32	16 24	18 24	16 33	4 40
S 27	19 11	1 13	4 18	20 54	1 35	18 1	5 22	22 32	0 9	10 36	1 9	12 51	1 27	23 32	0 8	8 10	1 39	22 4	8 31	16 29	16 23	18 22	16 33	4 40
S 28	18 57	3s 5	3 38	20 27	1 39	18 3	5 21	22 37	0 9	10 38	1 9	12 53	1 27	23 32	0 8	8 10	1 39	22 3	8 31	16 27	16 22	18 21	16 33	4 40
M29	18 43	7 19	2 46	19 58	1 42	18 5	5 19	22 41	0 8	10 41	1 9	12 54	1 27	23 32	0 8	8 10	1 39	22 2	8 31	16 26	16 21	18 20	16 33	4 39
T 30	18 29	11 19	1 45	19 27	1 44	18 7	5 17	22 46	0 7	10 43	1 10	12 56	1 27	23 32	0 8	8 10	1 39	22 2	8 31	16 25	16 20	18 19	16 33	4 39
W31	18n14	14s51	0s37	18n54	1n46	18n 9	5s15	22n50	0s 6	10s45	1s10	12s57	1s28	23n32	0n 8	8n10	1s39	22n 1	8n31	16s25	16s19	18n18	16s33	4n39

Julian Day Number = 2524409.5, Delta T = 162.51 sec
Ecliptic obliquity = 23°24'41, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°31'42, Lahiri = 26°38'42

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2199
geocentric

AUGUST 2199 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 38 53	8♌59'01	21♏59	13♌55	29♊11	19♊29	4°R52	29°R34	27♊51	25°R 6	22♌32	15°R22	14♏58	14♋ 2	5°R 6	T 1
F 2	20 42 50	9°56'22	6♐ 2	15°56	29°42	20°10	4♓46	29♒30	27°54	25♈ 6	22°34	15♏21	14°55	14° 8	5♐ 5	F 2
S 3	20 46 47	10°53'44	20°28	17°56	0♋14	20°51	4°40	29°26	27°57	25° 6	22°36	15°18	14°52	14°15	5° 5	S 3
S 4	20 50 43	11°51'07	5♑16	19°55	0°48	21°31	4°33	29°22	28° 0	25° 6	22°38	15°12	14°48	14°22	5° 5	S 4
M 5	20 54 40	12°48'30	20°19	21°52	1°23	22°12	4°26	29°18	28° 2	25° 6	22°40	15° 4	14°45	14°29	5° 5	M 5
T 6	20 58 36	13°45'54	5♒29	23°47	1°59	22°52	4°20	29°13	28° 5	25° 5	22°42	14°54	14°42	14°35	5°D 5	T 6
W 7	21 2 33	14°43'19	20°36	25°41	2°37	23°33	4°13	29° 9	28° 8	25° 5	22°43	14°43	14°39	14°42	5° 5	W 7
T 8	21 6 29	15°40'44	5♓28	27°33	3°15	24°13	4° 6	29° 5	28°11	25° 5	22°45	14°33	14°36	14°49	5° 5	T 8
F 9	21 10 26	16°38'11	19°58	29°24	3°55	24°54	3°59	29° 0	28°13	25° 4	22°47	14°24	14°32	14°55	5° 5	F 9
S 10	21 14 22	17°35'39	4♈ 1	1♍13	4°36	25°34	3°51	28°56	28°16	25° 4	22°49	14°17	14°29	15° 2	5° 6	S 10
S 11	21 18 19	18°33'08	17°34	3° 1	5°17	26°14	3°44	28°52	28°18	25° 4	22°51	14°13	14°26	15° 9	5° 6	S 11
M12	21 22 16	19°30'38	0♉39	4°47	6° 0	26°54	3°37	28°47	28°21	25° 3	22°53	14°11	14°23	15°16	5° 7	M12
T 13	21 26 12	20°28'10	13°20	6°31	6°44	27°34	3°29	28°43	28°23	25° 3	22°55	14°10	14°20	15°22	5° 7	T 13
W14	21 30 9	21°25'43	25°40	8°14	7°28	28°14	3°22	28°38	28°26	25° 2	22°56	14°10	14°17	15°29	5° 8	W14
T 15	21 34 5	22°23'18	7♊45	9°56	8°14	28°54	3°14	28°34	28°28	25° 2	22°58	14°10	14°13	15°36	5° 9	T 15
F 16	21 38 2	23°20'54	19°40	11°36	9° 0	29°33	3° 7	28°30	28°31	25° 1	23° 0	14° 7	14°10	15°42	5°10	F 16
S 17	21 41 58	24°18'31	1♋31	13°14	9°48	0♋13	2°59	28°25	28°33	25° 0	23° 2	14° 2	14° 7	15°49	5°11	S 17
S 18	21 45 55	25°16'10	13°20	14°51	10°36	0°52	2°51	28°21	28°35	25° 0	23° 4	13°55	14° 4	15°56	5°12	S 18
M19	21 49 51	26°13'50	25°13	16°26	11°24	1°32	2°43	28°16	28°38	24°59	23° 6	13°45	14° 1	16° 2	5°14	M19
T 20	21 53 48	27°11'31	7♌11	18° 0	12°14	2°11	2°36	28°12	28°40	24°58	23° 8	13°32	13°58	16° 9	5°15	T 20
W21	21 57 45	28° 9'14	19°16	19°32	13° 4	2°50	2°28	28° 7	28°42	24°58	23° 9	13°19	13°54	16°16	5°16	W21
T 22	22 1 41	29° 6'59	1♍30	21° 3	13°55	3°30	2°20	28° 3	28°44	24°57	23°11	13° 6	13°51	16°23	5°18	T 22
F 23	22 5 38	0♍ 4'44	13°53	22°32	14°47	4° 9	2°12	27°58	28°47	24°56	23°13	12°55	13°48	16°29	5°20	F 23
S 24	22 9 34	1° 2'31	26°26	24° 0	15°39	4°48	2° 4	27°54	28°49	24°55	23°15	12°45	13°45	16°36	5°21	S 24
S 25	22 13 31	2° 0'19	9♎10	25°27	16°32	5°27	1°56	27°49	28°51	24°55	23°17	12°38	13°42	16°43	5°23	S 25
M26	22 17 27	2°58'08	22° 4	26°51	17°25	6° 5	1°48	27°45	28°53	24°54	23°19	12°34	13°38	16°49	5°25	M26
T 27	22 21 24	3°55'59	5♏12	28°14	18°19	6°44	1°40	27°40	28°55	24°53	23°21	12°32	13°35	16°56	5°27	T 27
W28	22 25 20	4°53'50	18°34	29°36	19°14	7°23	1°33	27°36	28°56	24°52	23°22	12°D32	13°32	17° 3	5°29	W28
T 29	22 29 17	5°51'43	2♐13	0♎56	20° 9	8° 1	1°25	27°31	28°58	24°51	23°24	12°R33	13°29	17°10	5°32	T 29
F 30	22 33 14	6°49'38	16° 8	2°14	21° 4	8°40	1°17	27°27	29° 0	24°50	23°26	12°32	13°26	17°16	5°34	F 30
S 31	22 37 10	7♍47'33	0♑22	3♎31	22♋ 0	9♋18	1♓ 9	27♒22	29♊ 2	24♈49	23♌28	12♏30	13♏23	17♋23	5♐36	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17n59	17s41	0n35	18n20	1n47	18n12	5s13	22n54	0s 5	10s48	1s10	12s59	1s28	23n32	0n 8	8n10	1s39	22n 1	8n31	16s25	16s18	18n17	16s33	4n39
F 2	17 44	19 32	1 47	17 44	1 47	18 15	5 10	22 58	0 4	10 50	1 10	13 0	1 28	23 32	0 8	8 10	1 39	22 0	8 31	16 25	16 17	18 16	16 33	4 38
S 3	17 29	20 11	2 54	17 7	1 46	18 17	5 7	23 2	0 4	10 53	1 10	13 2	1 28	23 32	0 8	8 10	1 39	21 59	8 31	16 24	16 17	18 15	16 33	4 38
S 4	17 13	19 27	3 51	16 29	1 45	18 20	5 5	23 6	0 3	10 56	1 11	13 3	1 28	23 32	0 9	8 10	1 39	21 59	8 31	16 23	16 16	18 13	16 34	4 38
M 5	16 57	17 22	4 33	15 50	1 43	18 23	5 1	23 9	0 2	10 58	1 11	13 5	1 28	23 32	0 9	8 10	1 39	21 58	8 31	16 20	16 15	18 12	16 34	4 38
T 6	16 41	14 5	4 56	15 10	1 41	18 26	4 58	23 12	0 1	11 1	1 11	13 7	1 28	23 32	0 9	8 9	1 39	21 58	8 31	16 17	16 14	18 11	16 34	4 37
W 7	16 24	9 53	4 59	14 29	1 38	18 28	4 55	23 15	0 0	11 4	1 11	13 8	1 28	23 32	0 9	8 9	1 39	21 57	8 31	16 14	16 13	18 10	16 34	4 37
T 8	16 7	5 8	4 41	13 47	1 34	18 31	4 51	23 18	0n 1	11 6	1 11	13 10	1 29	23 32	0 9	8 9	1 40	21 57	8 31	16 11	16 12	18 9	16 35	4 37
F 9	15 50	0 13	4 5	13 5	1 30	18 34	4 48	23 20	0 1	11 9	1 12	13 11	1 29	23 33	0 9	8 9	1 40	21 56	8 31	16 8	16 11	18 8	16 35	4 37
S 10	15 33	4n35	3 15	12 22	1 26	18 36	4 44	23 23	0 2	11 12	1 12	13 13	1 29	23 33	0 9	8 9	1 40	21 55	8 31	16 6	16 10	18 7	16 35	4 36
S 11	15 15	8 59	2 16	11 39	1 21	18 39	4 40	23 25	0 3	11 15	1 12	13 15	1 29	23 33	0 9	8 8	1 40	21 55	8 31	16 5	16 9	18 5	16 36	4 36
M12	14 57	12 48	1 11	10 56	1 16	18 41	4 36	23 27	0 4	11 17	1 12	13 16	1 29	23 33	0 9	8 8	1 40	21 54	8 31	16 5	16 8	18 4	16 36	4 36
T 13	14 39	15 54	0 4	10 12	1 10	18 43	4 32	23 28	0 5	11 20	1 12	13 18	1 29	23 33	0 9	8 8	1 40	21 54	8 31	16 4	16 7	18 3	16 36	4 36
W14	14 21	18 10	1s 0	9 28	1 4	18 45	4 27	23 30	0 6	11 23	1 12	13 20	1 29	23 33	0 9	8 8	1 40	21 53	8 31	16 4	16 6	18 2	16 37	4 35
T 15	14 2	19 35	2 1	8 44	0 58	18 47	4 23	23 31	0 7	11 26	1 13	13 21	1 29	23 33	0 9	8 8	1 40	21 52	8 31	16 4	16 5	18 1	16 37	4 35
F 16	13 43	20 5	2 56	8 0	0 52	18 48	4 18	23 32	0 8	11 29	1 13	13 23	1 29	23 33	0 9	8 7	1 40	21 52	8 31	16 3	16 4	18 0	16 38	4 35
S 17	13 24	19 41	3 43	7 16	0 45	18 50	4 14	23 33	0 8	11 32	1 13	13 25	1 29	23 33	0 9	8 7	1 40	21 51	8 31	16 2	16 3	17 58	16 38	4 35
S 18	13 5	18 26	4 20	6 32	0 37	18 51	4 9	23 34	0 9	11 35	1 13	13 26	1 30	23 33	0 9	8 7	1 40	21 51	8 31	16 0	16 2	17 57	16 39	4 34
M19	12 46	16 23	4 45	5 49	0 30	18 52	4 5	23 34	0 10	11 38	1 13	13 28	1 30	23 33	0 9	8 6	1 40	21 50	8 31	15 57	16 2	17 56	16 39	4 34
T 20	12 26	13 38	4 59	5 5	0 22	18 52	4 0	23 35	0 11	11 41	1 13	13 29	1 30	23 33	0 9	8 6	1 40	21 50	8 32	15 53	16 1	17 55	16 39	4 34
W21	12 6	10 17	4 59	4 22	0 14	18 52	3 55	23 35	0 12	11 44	1 13	13 31	1 30	23 33	0 9	8 6	1 40	21 49	8 32	15 49	16 0	17 54	16 40	4 34
T 22	11 46	6 29	4 46	3 38	0 6	18 52	3 50	23 35	0 13	11 46	1 13	13 33	1 30	23 33	0 9	8 6	1 40	21 49	8 32	15 45	15 59	17 52	16 41	4 33
F 23	11 26	2 21	4 19	2 56	0s 2	18 52	3 45	23 35	0 14	11 49	1 14	13 34	1 30	23 33	0 9	8 5	1 40	21 48	8 32	15 42	15 58	17 51	16 41	4 33
S 24	11 5	1s56	3 39	2 13	0 10	18 51	3 40	23 34	0 15	11 52	1 14	13 36	1 30	23 33	0 9	8 5	1 40	21 48	8 32	15 39	15 57	17 50	16 42	4 33
S 25	10 45	6 11	2 47	1 31	0 19	18 50	3 35	23 34	0 16	11 55	1 14	13 38	1 30	23 33	0 9	8 4	1 40	21 47	8 32	15 37	15 56	17 49	16 42	4 33
M26	10 24	10 14	1 46	0 50	0 28	18 48	3 30	23 33	0 17	11 58	1 14	13 39	1 30	23 33	0 9	8 4	1 41	21 46	8 32	15 35	15 55	17 48	16 43	4 32
T 27	10 3	13 51	0 39	0 9	0 36	18 47	3 25	23 32	0 18	12 1	1 14	13 41	1 30	23 33	0 9	8 4	1 41	21 46	8 32	15 35	15 54	17 46	16 43	4 32
W28	9 42	16 49	0n32	0s32	0 45	18 44	3 20	23 31	0 19	12 4	1 14	13 42	1 30	23 33	0 9	8 3	1 41	21 45	8 32	15 35	15 53	17 45	16 44	4 32
T 29	9 21	18 54	1 43	1 12	0 54	18 42	3 14	23 30	0 20	12 7	1 14	13 44	1 30	23 33	0 9	8 3	1 41	21 45	8 32	15 35	15 52	17 44	16 45	4 31
F 30	9 0	19 53	2 49	1 51	1 3	18 39	3 9	23 28	0 20	12 10	1 14	13 46	1 30	23 33	0 9	8 3	1 41	21 44	8 33	15 35	15 51	17 43	16 45	4 31
S 31	8n38	19s39	3n46	2s30	1s13	18n35	3s 4	23n27	0n21	12s13	1s14	13s47	1s30	23n33	0n 9	8n 2	1s41	21n44	8n33	15s34	15s50	17n42	16s46	4n31

Julian Day Number = 2524440.5, Delta T = 162.59 sec
Ecliptic obliquity = 23°24'41, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°31'46, Lahiri = 26°38'46

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2199
geocentric

SEPTEMBER 2199 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 41 7	8♍45'30	14♉52	4♎45	22♋57	9♋56	1°R 1	27°R18	29♊ 4	24°R48	23♌30	12°R26	13♏19	17♋30	5♐39	S 1
M 2	22 45 3	9°43'28	29°34	5°58	23°54	10°34	0♓54	27♒14	29° 5	24♈47	23°32	12♏20	13°16	17°36	5°42	M 2
T 3	22 49 0	10°41'27	14♒23	7° 9	24°52	11°12	0°46	27° 9	29° 7	24°46	23°33	12°11	13°13	17°43	5°44	T 3
W 4	22 52 56	11°39'28	29°10	8°18	25°50	11°50	0°38	27° 5	29° 9	24°45	23°35	12° 2	13°10	17°50	5°47	W 4
T 5	22 56 53	12°37'30	13♓48	9°25	26°48	12°28	0°31	27° 1	29°10	24°44	23°37	11°53	13° 7	17°56	5°50	T 5
F 6	23 0 49	13°35'34	28° 8	10°29	27°47	13° 6	0°23	26°57	29°12	24°42	23°39	11°45	13° 4	18° 3	5°53	F 6
S 7	23 4 46	14°33'39	12♈ 6	11°31	28°46	13°43	0°16	26°52	29°13	24°41	23°40	11°40	13° 0	18°10	5°56	S 7
S 8	23 8 43	15°31'47	25°38	12°31	29°46	14°21	0° 9	26°48	29°15	24°40	23°42	11°36	12°57	18°17	5°59	S 8
M 9	23 12 39	16°29'56	8♉45	13°28	0♌46	14°58	0° 1	26°44	29°16	24°39	23°44	11°D35	12°54	18°23	6° 3	M 9
T 10	23 16 36	17°28'07	21°27	14°22	1°46	15°36	29♒54	26°40	29°17	24°38	23°46	11°35	12°51	18°30	6° 6	T 10
W11	23 20 32	18°26'21	3♊50	15°14	2°47	16°13	29°47	26°36	29°18	24°36	23°47	11°36	12°48	18°37	6° 9	W11
T 12	23 24 29	19°24'36	15°58	16° 2	3°49	16°50	29°40	26°32	29°20	24°35	23°49	11°R37	12°44	18°43	6°13	T 12
F 13	23 28 25	20°22'53	27°55	16°47	4°50	17°27	29°33	26°28	29°21	24°34	23°51	11°37	12°41	18°50	6°16	F 13
S 14	23 32 22	21°21'13	9♋46	17°28	5°52	18° 4	29°26	26°24	29°22	24°32	23°53	11°35	12°38	18°57	6°20	S 14
S 15	23 36 18	22°19'34	21°38	18° 5	6°54	18°40	29°20	26°20	29°23	24°31	23°54	11°31	12°35	19° 4	6°24	S 15
M16	23 40 15	23°17'58	3♌33	18°38	7°57	19°17	29°13	26°17	29°24	24°30	23°56	11°25	12°32	19°10	6°28	M16
T 17	23 44 12	24°16'23	15°36	19° 7	9° 0	19°54	29° 7	26°13	29°25	24°28	23°58	11°17	12°29	19°17	6°32	T 17
W18	23 48 8	25°14'51	27°49	19°31	10° 3	20°30	29° 0	26° 9	29°26	24°27	23°59	11° 9	12°25	19°24	6°36	W18
T 19	23 52 5	26°13'20	10♍14	19°49	11° 6	21° 6	28°54	26° 6	29°27	24°26	24° 1	11° 1	12°22	19°30	6°40	T 19
F 20	23 56 1	27°11'52	22°52	20° 2	12°10	21°42	28°48	26° 2	29°28	24°24	24° 3	10°53	12°19	19°37	6°44	F 20
S 21	23 59 58	28°10'25	5♎43	20°10	13°14	22°19	28°42	25°59	29°28	24°23	24° 4	10°47	12°16	19°44	6°48	S 21
S 22	0 3 54	29° 9'00	18°47	20°R11	14°18	22°54	28°36	25°55	29°29	24°21	24° 6	10°43	12°13	19°51	6°53	S 22
M23	0 7 51	0♎ 7'37	2♏ 3	20° 5	15°23	23°30	28°31	25°52	29°30	24°20	24° 7	10°41	12° 9	19°57	6°57	M23
T 24	0 11 47	1° 6'16	15°30	19°53	16°28	24° 6	28°25	25°49	29°30	24°18	24° 9	10°D40	12° 6	20° 4	7° 1	T 24
W25	0 15 44	2° 4'57	29° 8	19°34	17°33	24°41	28°20	25°45	29°31	24°17	24°10	10°41	12° 3	20°11	7° 6	W25
T 26	0 19 40	3° 3'39	12♐57	19° 7	18°38	25°17	28°15	25°42	29°31	24°15	24°12	10°43	12° 0	20°17	7°11	T 26
F 27	0 23 37	4° 2'23	26°56	18°34	19°43	25°52	28°10	25°39	29°32	24°14	24°13	10°44	11°57	20°24	7°15	F 27
S 28	0 27 34	5° 1'09	11♑ 4	17°53	20°49	26°27	28° 5	25°36	29°32	24°12	24°15	10°R44	11°54	20°31	7°20	S 28
S 29	0 31 30	5°59'56	25°20	17° 5	21°55	27° 2	28° 0	25°33	29°33	24°11	24°16	10°43	11°50	20°38	7°25	S 29
M30	0 35 27	6♎58'45	9♒41	16♎11	23♌ 1	27♋37	27♒55	25♒31	29♊33	24♈ 9	24♌18	10♏40	11♏47	20♋44	7♐30	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n17	18s 7	4n30	3s 8	1s22	18n32	2s59	23n25	0n22	12s15	1s14	13s49	1s30	23n33	0n 9	8n 2	1s41	21n43	8n33	15s33	15s49	17n40	16s47	4n31
M 2	7 55	15 23	4 56	3 46	1 31	18 27	2 53	23 23	0 23	12 18	1 14	13 50	1 30	23 33	0 9	8 1	1 41	21 43	8 33	15 31	15 48	17 39	16 47	4 30
T 3	7 33	11 39	5 4	4 22	1 40	18 23	2 48	23 21	0 24	12 21	1 14	13 52	1 30	23 33	0 9	8 1	1 41	21 42	8 33	15 29	15 47	17 38	16 48	4 30
W 4	7 11	7 12	4 51	4 58	1 49	18 18	2 43	23 18	0 25	12 24	1 14	13 53	1 30	23 34	0 9	8 0	1 41	21 42	8 33	15 26	15 46	17 37	16 49	4 30
T 5	6 49	2 23	4 19	5 32	1 58	18 12	2 37	23 16	0 26	12 26	1 14	13 55	1 31	23 34	0 9	8 0	1 41	21 42	8 33	15 23	15 45	17 35	16 50	4 30
F 6	6 27	2n29	3 31	6 6	2 7	18 6	2 32	23 13	0 27	12 29	1 14	13 56	1 31	23 34	0 9	8 0	1 41	21 41	8 34	15 21	15 44	17 34	16 50	4 29
S 7	6 4	7 6	2 31	6 39	2 16	17 59	2 26	23 10	0 28	12 32	1 15	13 58	1 31	23 34	0 9	7 59	1 41	21 41	8 34	15 19	15 43	17 33	16 51	4 29
S 8	5 42	11 13	1 24	7 10	2 25	17 53	2 21	23 7	0 29	12 34	1 15	13 59	1 31	23 34	0 9	7 59	1 41	21 40	8 34	15 18	15 42	17 32	16 52	4 29
M 9	5 19	14 38	0 15	7 40	2 34	17 45	2 16	23 4	0 30	12 37	1 15	14 0	1 31	23 34	0 9	7 58	1 41	21 40	8 34	15 17	15 42	17 31	16 53	4 29
T 10	4 57	17 15	0s53	8 10	2 43	17 37	2 10	23 1	0 31	12 39	1 15	14 2	1 31	23 34	0 9	7 58	1 41	21 39	8 34	15 18	15 41	17 29	16 54	4 28
W11	4 34	18 59	1 57	8 37	2 51	17 29	2 5	22 58	0 32	12 42	1 15	14 3	1 31	23 34	0 9	7 57	1 41	21 39	8 34	15 18	15 40	17 28	16 54	4 28
T 12	4 11	19 47	2 54	9 3	2 59	17 20	2 0	22 54	0 33	12 44	1 15	14 5	1 31	23 34	0 9	7 57	1 41	21 38	8 35	15 18	15 39	17 27	16 55	4 28
F 13	3 48	19 41	3 43	9 28	3 7	17 11	1 54	22 50	0 34	12 47	1 15	14 6	1 31	23 34	0 9	7 56	1 41	21 38	8 35	15 18	15 38	17 26	16 56	4 28
S 14	3 25	18 42	4 22	9 51	3 15	17 1	1 49	22 47	0 35	12 49	1 15	14 7	1 31	23 34	0 9	7 56	1 41	21 38	8 35	15 17	15 37	17 24	16 57	4 27
S 15	3 2	16 55	4 49	10 11	3 22	16 51	1 44	22 43	0 36	12 51	1 15	14 9	1 31	23 34	0 9	7 55	1 41	21 37	8 35	15 16	15 36	17 23	16 58	4 27
M16	2 39	14 24	5 5	10 30	3 28	16 40	1 39	22 39	0 37	12 54	1 14	14 10	1 31	23 34	0 9	7 55	1 41	21 37	8 35	15 14	15 35	17 22	16 59	4 27
T 17	2 16	11 15	5 7	10 47	3 35	16 29	1 33	22 34	0 38	12 56	1 14	14 11	1 31	23 34	0 9	7 54	1 41	21 36	8 35	15 12	15 34	17 20	16 59	4 27
W18	1 53	7 36	4 55	11 1	3 40	16 18	1 28	22 30	0 39	12 58	1 14	14 12	1 31	23 34	0 9	7 54	1 41	21 36	8 36	15 9	15 33	17 19	17 0	4 27
T 19	1 30	3 34	4 29	11 13	3 45	16 5	1 23	22 25	0 40	13 0	1 14	14 14	1 31	23 34	0 9	7 53	1 41	21 36	8 36	15 7	15 32	17 18	17 1	4 26
F 20	1 7	0s41	3 49	11 22	3 50	15 53	1 18	22 21	0 42	13 2	1 14	14 15	1 31	23 34	0 9	7 52	1 42	21 35	8 36	15 4	15 31	17 17	17 2	4 26
S 21	0 44	5 0	2 58	11 28	3 53	15 40	1 13	22 16	0 43	13 4	1 14	14 16	1 31	23 34	0 9	7 52	1 42	21 35	8 36	15 3	15 30	17 15	17 3	4 26
S 22	0 20	9 8	1 56	11 31	3 56	15 26	1 8	22 11	0 44	13 6	1 14	14 17	1 31	23 34	0 9	7 51	1 42	21 35	8 36	15 1	15 29	17 14	17 4	4 26
M23	0s 3	12 54	0 47	11 30	3 57	15 13	1 3	22 6	0 45	13 8	1 14	14 18	1 31	23 34	0 9	7 51	1 42	21 34	8 37	15 1	15 28	17 13	17 5	4 26
T 24	0 26	16 3	0n26	11 25	3 57	14 58	0 58	22 1	0 46	13 10	1 14	14 19	1 31	23 34	0 9	7 50	1 42	21 34	8 37	15 1	15 27	17 12	17 6	4 25
W25	0 50	18 20	1 39	11 17	3 56	14 43	0 53	21 56	0 47	13 12	1 14	14 20	1 31	23 34	0 9	7 50	1 42	21 34	8 37	15 1	15 26	17 10	17 7	4 25
T 26	1 13	19 34	2 47	11 5	3 53	14 28	0 48	21 51	0 48	13 14	1 14	14 21	1 31	23 34	0 9	7 49	1 42	21 33	8 37	15 1	15 25	17 9	17 8	4 25
F 27	1 36	19 37	3 45	10 48	3 49	14 12	0 43	21 45	0 49	13 15	1 14	14 22	1 30	23 34	0 9	7 48	1 42	21 33	8 38	15 2	15 24	17 8	17 9	4 25
S 28	2 0	18 27	4 31	10 27	3 43	13 56	0 38	21 40	0 50	13 17	1 14	14 23	1 30	23 34	0 9	7 48	1 42	21 33	8 38	15 2	15 23	17 6	17 10	4 25
S 29	2 23	16 7	5 1	10 1	3 36	13 40	0 33	21 34	0 51	13 19	1 14	14 24	1 30	23 34	0 9	7 47	1 42	21 32	8 38	15 1	15 22	17 5	17 11	4 24
M30	2s46	12s48	5n12	9s32	3s26	13n23	0s28	21n28	0n52	13s20	1s14	14s25	1s30	23n34	0n 9	7n47	1s42	21n32	8n38	15s 0	15s21	17n 4	17s11	4n24

Julian Day Number = 2524471.5, Delta T = 162.67 sec
Ecliptic obliquity = 23°24'42, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°31'50, Lahiri = 26°38'51

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2199
geocentric

OCTOBER 2199 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 39 23	7♎57'36	24♒ 4	15°R12	24♌ 8	28♋12	27°R51	25°R28	29♊33	24°R 7	24♌19	10°R36	11♏44	20♋51	7♐35	T 1
W 2	0 43 20	8°56'28	8♓24	14♎ 9	25°15	28°47	27♒47	25♒25	29°33	24♈ 6	24°21	10♏31	11°41	20°58	7°40	W 2
T 3	0 47 16	9°55'22	22°36	13° 2	26°21	29°21	27°43	25°23	29°34	24° 4	24°22	10°26	11°38	21° 4	7°45	T 3
F 4	0 51 13	10°54'18	6♈34	11°54	27°29	29°55	27°39	25°20	29°34	24° 3	24°24	10°22	11°35	21°11	7°51	F 4
S 5	0 55 9	11°53'16	20°15	10°46	28°36	0♌29	27°35	25°18	29°R34	24° 1	24°25	10°19	11°31	21°18	7°56	S 5
S 6	0 59 6	12°52'16	3♉36	9°40	29°43	1° 4	27°32	25°15	29°34	23°59	24°26	10°18	11°28	21°25	8° 1	S 6
M 7	1 3 3	13°51'19	16°37	8°38	0♍51	1°37	27°29	25°13	29°34	23°58	24°28	10°D18	11°25	21°31	8° 7	M 7
T 8	1 6 59	14°50'23	29°18	7°42	1°59	2°11	27°26	25°11	29°33	23°56	24°29	10°19	11°22	21°38	8°12	T 8
W 9	1 10 56	15°49'30	11♊41	6°52	3° 7	2°45	27°23	25° 9	29°33	23°54	24°30	10°21	11°19	21°45	8°18	W 9
T 10	1 14 52	16°48'39	23°50	6°11	4°15	3°18	27°20	25° 7	29°33	23°53	24°32	10°22	11°15	21°51	8°23	T 10
F 11	1 18 49	17°47'50	5♋49	5°40	5°24	3°51	27°18	25° 5	29°33	23°51	24°33	10°24	11°12	21°58	8°29	F 11
S 12	1 22 45	18°47'04	17°42	5°18	6°32	4°25	27°15	25° 4	29°32	23°49	24°34	10°R24	11° 9	22° 5	8°35	S 12
S 13	1 26 42	19°46'20	29°34	5°D 8	7°41	4°58	27°13	25° 2	29°32	23°48	24°35	10°24	11° 6	22°12	8°40	S 13
M14	1 30 38	20°45'38	11♌31	5° 8	8°50	5°30	27°11	25° 0	29°32	23°46	24°36	10°22	11° 3	22°18	8°46	M14
T 15	1 34 35	21°44'58	23°36	5°19	9°59	6° 3	27° 9	24°59	29°31	23°44	24°38	10°20	11° 0	22°25	8°52	T 15
W16	1 38 32	22°44'21	5♍53	5°41	11° 9	6°35	27° 8	24°57	29°31	23°43	24°39	10°18	10°56	22°32	8°58	W16
T 17	1 42 28	23°43'46	18°26	6°12	12°18	7° 8	27° 7	24°56	29°30	23°41	24°40	10°15	10°53	22°38	9° 4	T 17
F 18	1 46 25	24°43'13	1♎16	6°52	13°28	7°40	27° 5	24°55	29°29	23°39	24°41	10°13	10°50	22°45	9°10	F 18
S 19	1 50 21	25°42'42	14°23	7°41	14°37	8°12	27° 4	24°54	29°29	23°38	24°42	10°11	10°47	22°52	9°16	S 19
S 20	1 54 18	26°42'13	27°48	8°38	15°47	8°43	27° 4	24°53	29°28	23°36	24°43	10°10	10°44	22°59	9°22	S 20
M21	1 58 14	27°41'46	11♏29	9°42	16°57	9°15	27° 3	24°52	29°27	23°34	24°44	10°D10	10°40	23° 5	9°29	M21
T 22	2 2 11	28°41'22	25°23	10°51	18° 7	9°46	27° 3	24°51	29°26	23°33	24°45	10°10	10°37	23°12	9°35	T 22
W23	2 6 7	29°40'59	9♐27	12° 6	19°18	10°18	27°D 3	24°50	29°25	23°31	24°46	10°11	10°34	23°19	9°41	W23
T 24	2 10 4	0♏40'38	23°38	13°26	20°28	10°49	27° 3	24°50	29°24	23°29	24°47	10°12	10°31	23°25	9°48	T 24
F 25	2 14 0	1°40'19	7♑53	14°49	21°39	11°19	27° 3	24°49	29°23	23°28	24°48	10°13	10°28	23°32	9°54	F 25
S 26	2 17 57	2°40'01	22° 8	16°16	22°49	11°50	27° 4	24°49	29°22	23°26	24°49	10°13	10°25	23°39	10° 1	S 26
S 27	2 21 54	3°39'45	6♒20	17°46	24° 0	12°20	27° 4	24°49	29°21	23°24	24°50	10°R13	10°21	23°46	10° 7	S 27
M28	2 25 50	4°39'31	20°29	19°17	25°11	12°50	27° 5	24°49	29°20	23°23	24°50	10°13	10°18	23°52	10°14	M28
T 29	2 29 47	5°39'18	4♓30	20°51	26°22	13°20	27° 6	24°D48	29°19	23°21	24°51	10°12	10°15	23°59	10°20	T 29
W30	2 33 43	6°39'07	18°23	22°26	27°33	13°50	27° 8	24°49	29°18	23°19	24°52	10°12	10°12	24° 6	10°27	W30
T 31	2 37 40	7♏38'58	2♈ 6	24♎ 3	28♍45	14♌19	27♒ 9	24♒49	29♊16	23♈18	24♌53	10♏12	10♏ 9	24♋12	10♐34	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3s 9	8s42	5n 3	8s58	3s14	13n 5	0s24	21n22	0n54	13s21	1s14	14s26	1s30	23n34	0n 9	7n46	1s42	21n32	8n38	14s59	15s20	17n 3	17s12	4n24
W 2	3 32	4 8	4 36	8 21	3 1	12 47	0 19	21 16	0 55	13 23	1 13	14 27	1 30	23 34	0 9	7 45	1 42	21 31	8 39	14 57	15 19	17 1	17 13	4 24
T 3	3 56	0n37	3 52	7 41	2 46	12 29	0 15	21 10	0 56	13 24	1 13	14 28	1 30	23 34	0 9	7 45	1 42	21 31	8 39	14 56	15 18	17 0	17 14	4 24
F 4	4 19	5 16	2 54	6 59	2 29	12 11	0 10	21 4	0 57	13 25	1 13	14 29	1 30	23 34	0 10	7 44	1 42	21 31	8 39	14 55	15 17	16 59	17 15	4 23
S 5	4 42	9 34	1 48	6 16	2 11	11 52	0 6	20 58	0 58	13 26	1 13	14 29	1 30	23 34	0 10	7 44	1 42	21 31	8 39	14 54	15 16	16 57	17 16	4 23
S 6	5 5	13 17	0 37	5 32	1 51	11 32	0 1	20 52	0 59	13 28	1 13	14 30	1 30	23 34	0 10	7 43	1 42	21 31	8 40	14 53	15 15	16 56	17 17	4 23
M 7	5 28	16 14	0s35	4 49	1 31	11 12	0n 3	20 45	1 0	13 29	1 13	14 31	1 30	23 34	0 10	7 42	1 42	21 30	8 40	14 53	15 14	16 55	17 18	4 23
T 8	5 50	18 18	1 43	4 8	1 11	10 52	0 7	20 39	1 2	13 30	1 13	14 31	1 30	23 34	0 10	7 42	1 42	21 30	8 40	14 54	15 13	16 53	17 19	4 23
W 9	6 13	19 27	2 44	3 30	0 51	10 32	0 11	20 33	1 3	13 30	1 13	14 32	1 30	23 34	0 10	7 41	1 42	21 30	8 40	14 54	15 12	16 52	17 20	4 23
T 10	6 36	19 39	3 37	2 55	0 30	10 11	0 15	20 26	1 4	13 31	1 13	14 33	1 30	23 34	0 10	7 41	1 42	21 30	8 41	14 55	15 11	16 51	17 21	4 23
F 11	6 59	18 58	4 20	2 25	0 11	9 49	0 19	20 19	1 5	13 32	1 12	14 33	1 30	23 34	0 10	7 40	1 42	21 30	8 41	14 55	15 10	16 49	17 22	4 22
S 12	7 21	17 26	4 51	1 59	0n 8	9 28	0 23	20 13	1 6	13 33	1 12	14 34	1 30	23 34	0 10	7 39	1 42	21 29	8 41	14 55	15 9	16 48	17 23	4 22
S 13	7 43	15 10	5 10	1 39	0 25	9 6	0 27	20 6	1 8	13 33	1 12	14 34	1 30	23 34	0 10	7 39	1 42	21 29	8 42	14 55	15 8	16 47	17 24	4 22
M14	8 6	12 15	5 15	1 24	0 41	8 44	0 31	19 59	1 9	13 34	1 12	14 35	1 30	23 34	0 10	7 38	1 42	21 29	8 42	14 55	15 7	16 45	17 25	4 22
T 15	8 28	8 48	5 7	1 15	0 56	8 21	0 35	19 52	1 10	13 34	1 12	14 35	1 30	23 34	0 10	7 37	1 42	21 29	8 42	14 54	15 6	16 44	17 26	4 22
W16	8 50	4 56	4 44	1 11	1 9	7 58	0 38	19 45	1 11	13 35	1 12	14 36	1 30	23 34	0 10	7 37	1 42	21 29	8 42	14 53	15 5	16 43	17 27	4 22
T 17	9 12	0 46	4 8	1 13	1 21	7 35	0 42	19 38	1 13	13 35	1 12	14 36	1 29	23 34	0 10	7 36	1 42	21 29	8 43	14 53	15 4	16 41	17 28	4 22
F 18	9 34	3s32	3 19	1 20	1 31	7 12	0 46	19 31	1 14	13 35	1 12	14 36	1 29	23 34	0 10	7 36	1 42	21 29	8 43	14 52	15 4	16 40	17 29	4 22
S 19	9 56	7 47	2 18	1 31	1 40	6 48	0 49	19 24	1 15	13 35	1 11	14 37	1 29	23 34	0 10	7 35	1 42	21 28	8 43	14 51	15 3	16 39	17 30	4 21
S 20	10 17	11 44	1 8	1 47	1 47	6 24	0 52	19 17	1 16	13 36	1 11	14 37	1 29	23 34	0 10	7 34	1 42	21 28	8 44	14 51	15 2	16 37	17 31	4 21
M21	10 39	15 9	0n 7	2 6	1 53	6 0	0 56	19 10	1 18	13 36	1 11	14 37	1 29	23 34	0 10	7 34	1 42	21 28	8 44	14 51	15 1	16 36	17 32	4 21
T 22	11 0	17 44	1 23	2 30	1 57	5 35	0 59	19 3	1 19	13 36	1 11	14 37	1 29	23 34	0 10	7 33	1 42	21 28	8 44	14 51	15 0	16 35	17 33	4 21
W23	11 21	19 17	2 35	2 56	2 0	5 11	1 2	18 56	1 20	13 36	1 11	14 37	1 29	23 34	0 10	7 33	1 42	21 28	8 44	14 51	14 59	16 33	17 34	4 21
T 24	11 42	19 38	3 38	3 25	2 3	4 46	1 5	18 49	1 22	13 35	1 11	14 38	1 29	23 34	0 10	7 32	1 42	21 28	8 45	14 52	14 58	16 32	17 35	4 21
F 25	12 2	18 43	4 28	3 56	2 4	4 21	1 8	18 41	1 23	13 35	1 11	14 38	1 29	23 34	0 10	7 31	1 42	21 28	8 45	14 52	14 57	16 31	17 36	4 21
S 26	12 23	16 38	5 1	4 29	2 4	3 56	1 11	18 34	1 24	13 35	1 10	14 38	1 29	23 34	0 10	7 31	1 42	21 28	8 45	14 52	14 56	16 29	17 37	4 21
S 27	12 43	13 33	5 16	5 4	2 3	3 30	1 13	18 27	1 26	13 34	1 10	14 38	1 29	23 35	0 10	7 30	1 42	21 28	8 46	14 52	14 55	16 28	17 38	4 21
M28	13 4	9 43	5 12	5 40	2 2	3 4	1 16	18 20	1 27	13 34	1 10	14 38	1 29	23 35	0 10	7 30	1 42	21 28	8 46	14 52	14 54	16 26	17 39	4 21
T 29	13 23	5 21	4 49	6 17	1 59	2 39	1 18	18 12	1 28	13 33	1 10	14 38	1 29	23 35	0 10	7 29	1 42	21 28	8 46	14 52	14 53	16 25	17 40	4 21
W30	13 43	0 45	4 9	6 55	1 56	2 13	1 21	18 5	1 30	13 33	1 10	14 38	1 28	23 35	0 10	7 28	1 42	21 28	8 47	14 52	14 52	16 24	17 41	4 21
T 31	14s 3	3n50	3n16	7s34	1n53	1n46	1n23	17n58	1n31	13s32	1s10	14s38	1s28	23n35	0n10	7n28	1s42	21n28	8n47	14s52	14s51	16n22	17s42	4n21

Julian Day Number = 2524501.5, Delta T = 162.75 sec
Ecliptic obliquity = 23°24'42, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°31'54, Lahiri = 26°38'55

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2199
geocentric

NOVEMBER 2199 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 41 36	8♏38'50	15♈37	25♎40	29♍56	14♌49	27♒11	24♒49	29°R15	23°R16	24♌54	10°R11	10♏ 6	24♋19	10♐40	F 1
S 2	2 45 33	9°38'44	28°53	27°18	1♎ 8	15°18	27°13	24°49	29♊14	23♈15	24°54	10♏11	10° 2	24°26	10°47	S 2
S 3	2 49 29	10°38'40	11♉56	28°57	2°19	15°47	27°15	24°50	29°12	23°13	24°55	10°11	9°59	24°33	10°54	S 3
M 4	2 53 26	11°38'39	24°43	0♏35	3°31	16°15	27°17	24°50	29°11	23°11	24°56	10°11	9°56	24°39	11° 1	M 4
T 5	2 57 23	12°38'39	7♊15	2°14	4°43	16°44	27°20	24°51	29° 9	23°10	24°56	10°11	9°53	24°46	11° 7	T 5
W 6	3 1 19	13°38'41	19°34	3°53	5°55	17°12	27°22	24°52	29° 8	23° 8	24°57	10°11	9°50	24°53	11°14	W 6
T 7	3 5 16	14°38'45	1♋42	5°32	7° 7	17°39	27°25	24°52	29° 6	23° 7	24°57	10°10	9°46	24°59	11°21	T 7
F 8	3 9 12	15°38'51	13°40	7°11	8°19	18° 7	27°28	24°53	29° 5	23° 5	24°58	10°10	9°43	25° 6	11°28	F 8
S 9	3 13 9	16°38'59	25°33	8°50	9°31	18°34	27°32	24°54	29° 3	23° 4	24°58	10° 9	9°40	25°13	11°35	S 9
S 10	3 17 5	17°39'09	7♌26	10°29	10°43	19° 1	27°35	24°56	29° 1	23° 2	24°59	10° 9	9°37	25°20	11°42	S 10
M11	3 21 2	18°39'21	19°21	12° 7	11°56	19°28	27°39	24°57	29° 0	23° 1	24°59	10°D 8	9°34	25°26	11°49	M11
T 12	3 24 58	19°39'35	1♍24	13°45	13° 8	19°55	27°43	24°58	28°58	22°59	25° 0	10° 9	9°31	25°33	11°56	T 12
W13	3 28 55	20°39'51	13°40	15°23	14°21	20°21	27°47	25° 0	28°56	22°58	25° 0	10° 9	9°27	25°40	12° 4	W13
T 14	3 32 52	21°40'09	26°13	17° 0	15°34	20°47	27°51	25° 1	28°54	22°56	25° 1	10°10	9°24	25°46	12°11	T 14
F 15	3 36 48	22°40'29	9♎ 7	18°38	16°46	21°13	27°55	25° 3	28°52	22°55	25° 1	10°11	9°21	25°53	12°18	F 15
S 16	3 40 45	23°40'51	22°23	20°14	17°59	21°38	28° 0	25° 5	28°50	22°54	25° 1	10°12	9°18	26° 0	12°25	S 16
S 17	3 44 41	24°41'15	6♏ 2	21°51	19°12	22° 3	28° 4	25° 6	28°48	22°52	25° 2	10°R13	9°15	26° 7	12°32	S 17
M18	3 48 38	25°41'40	20° 3	23°27	20°25	22°28	28° 9	25° 8	28°46	22°51	25° 2	10°13	9°12	26°13	12°39	M18
T 19	3 52 34	26°42'07	4♐23	25° 3	21°38	22°52	28°15	25°11	28°44	22°50	25° 2	10°12	9° 8	26°20	12°47	T 19
W20	3 56 31	27°42'36	18°57	26°39	22°51	23°16	28°20	25°13	28°42	22°48	25° 2	10°10	9° 5	26°27	12°54	W20
T 21	4 0 27	28°43'07	3♑37	28°15	24° 5	23°40	28°25	25°15	28°40	22°47	25° 2	10° 8	9° 2	26°34	13° 1	T 21
F 22	4 4 24	29°43'38	18°18	29°50	25°18	24° 3	28°31	25°17	28°38	22°46	25° 3	10° 5	8°59	26°40	13° 9	F 22
S 23	4 8 21	0♐44'11	2♒52	1♐25	26°31	24°26	28°37	25°20	28°36	22°45	25° 3	10° 3	8°56	26°47	13°16	S 23
S 24	4 12 17	1°44'45	17°14	3° 0	27°44	24°49	28°43	25°22	28°34	22°43	25° 3	10° 1	8°52	26°54	13°23	S 24
M25	4 16 14	2°45'21	1♓22	4°34	28°58	25°11	28°49	25°25	28°31	22°42	25° 3	10°D 0	8°49	27° 0	13°31	M25
T 26	4 20 10	3°45'57	15°14	6° 9	0♏11	25°33	28°55	25°28	28°29	22°41	25°R 3	10° 1	8°46	27° 7	13°38	T 26
W27	4 24 7	4°46'34	28°50	7°43	1°25	25°55	29° 2	25°31	28°27	22°40	25° 3	10° 2	8°43	27°14	13°45	W27
T 28	4 28 3	5°47'13	12♈10	9°17	2°39	26°16	29° 9	25°33	28°25	22°39	25° 3	10° 4	8°40	27°21	13°53	T 28
F 29	4 32 0	6°47'53	25°16	10°51	3°52	26°37	29°15	25°36	28°22	22°38	25° 3	10° 5	8°37	27°27	14° 0	F 29
S 30	4 35 56	7♐48'33	8♉ 9	12♐25	5♏ 6	26♌57	29♒22	25♒40	28♊20	22♈36	25♌ 3	10°R 6	8♏33	27♋34	14♐ 7	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14s22	8n10	2n12	8s13	1n49	1n20	1n26	17n51	1n32	13s31	1s10	14s37	1s28	23n35	0n10	7n27	1s42	21n28	8n47	14s51	14s50	16n21	17s43	4n21
S 2	14 41	12 2	1 2	8 52	1 45	0 54	1 28	17 43	1 34	13 31	1 9	14 37	1 28	23 35	0 10	7 27	1 42	21 28	8 47	14 51	14 49	16 20	17 44	4 20
S 3	15 0	15 15	0s10	9 32	1 40	0 27	1 30	17 36	1 35	13 30	1 9	14 37	1 28	23 35	0 10	7 26	1 42	21 28	8 48	14 51	14 48	16 18	17 45	4 20
M 4	15 19	17 38	1 20	10 11	1 35	0 1	1 32	17 29	1 37	13 29	1 9	14 37	1 28	23 35	0 10	7 25	1 42	21 28	8 48	14 51	14 47	16 17	17 46	4 20
T 5	15 37	19 7	2 25	10 50	1 29	0s26	1 34	17 22	1 38	13 28	1 9	14 36	1 28	23 35	0 10	7 25	1 42	21 28	8 48	14 51	14 46	16 15	17 47	4 20
W 6	15 55	19 39	3 22	11 29	1 24	0 53	1 36	17 15	1 40	13 27	1 9	14 36	1 28	23 35	0 10	7 24	1 42	21 28	8 49	14 51	14 45	16 14	17 48	4 20
T 7	16 13	19 16	4 8	12 8	1 18	1 20	1 37	17 8	1 41	13 26	1 9	14 36	1 28	23 35	0 10	7 24	1 42	21 29	8 49	14 51	14 44	16 13	17 49	4 20
F 8	16 30	18 0	4 44	12 46	1 12	1 47	1 39	17 1	1 43	13 24	1 8	14 35	1 28	23 35	0 10	7 23	1 42	21 29	8 49	14 51	14 43	16 11	17 50	4 20
S 9	16 48	15 59	5 7	13 24	1 5	2 14	1 40	16 53	1 44	13 23	1 8	14 35	1 28	23 35	0 10	7 23	1 42	21 29	8 50	14 51	14 42	16 10	17 51	4 20
S 10	17 5	13 17	5 17	14 1	0 59	2 41	1 42	16 46	1 46	13 22	1 8	14 34	1 28	23 35	0 10	7 22	1 42	21 29	8 50	14 51	14 41	16 8	17 52	4 20
M11	17 21	10 3	5 13	14 37	0 52	3 8	1 43	16 39	1 47	13 20	1 8	14 34	1 28	23 35	0 10	7 22	1 42	21 29	8 50	14 50	14 40	16 7	17 53	4 20
T 12	17 38	6 21	4 55	15 13	0 46	3 35	1 45	16 33	1 49	13 19	1 8	14 33	1 27	23 35	0 10	7 21	1 42	21 29	8 51	14 51	14 39	16 6	17 53	4 20
W13	17 54	2 20	4 24	15 48	0 39	4 2	1 46	16 26	1 50	13 17	1 8	14 33	1 27	23 35	0 10	7 21	1 42	21 29	8 51	14 51	14 38	16 4	17 54	4 20
T 14	18 10	1s52	3 40	16 23	0 32	4 29	1 47	16 19	1 52	13 16	1 8	14 32	1 27	23 35	0 10	7 20	1 42	21 30	8 51	14 51	14 37	16 3	17 55	4 21
F 15	18 25	6 7	2 44	16 56	0 25	4 55	1 48	16 12	1 53	13 14	1 7	14 32	1 27	23 35	0 10	7 20	1 42	21 30	8 52	14 51	14 36	16 1	17 56	4 21
S 16	18 40	10 12	1 37	17 29	0 19	5 22	1 49	16 5	1 55	13 12	1 7	14 31	1 27	23 35	0 10	7 19	1 42	21 30	8 52	14 52	14 35	16 0	17 57	4 21
S 17	18 55	13 53	0 23	18 1	0 12	5 49	1 49	15 59	1 57	13 11	1 7	14 30	1 27	23 35	0 10	7 19	1 42	21 30	8 52	14 52	14 33	15 59	17 58	4 21
M18	19 10	16 52	0n54	18 32	0 5	6 16	1 50	15 52	1 58	13 9	1 7	14 29	1 27	23 35	0 10	7 18	1 42	21 30	8 53	14 52	14 32	15 57	17 59	4 21
T 19	19 24	18 52	2 10	19 2	0s 2	6 43	1 51	15 46	2 0	13 7	1 7	14 29	1 27	23 35	0 10	7 18	1 42	21 31	8 53	14 52	14 31	15 56	17 59	4 21
W20	19 38	19 40	3 18	19 31	0 8	7 9	1 51	15 40	2 2	13 5	1 7	14 28	1 27	23 35	0 10	7 17	1 41	21 31	8 53	14 51	14 30	15 54	18 0	4 21
T 21	19 51	19 8	4 14	20 0	0 15	7 36	1 52	15 33	2 3	13 3	1 6	14 27	1 27	23 35	0 10	7 17	1 41	21 31	8 54	14 50	14 29	15 53	18 1	4 21
F 22	20 4	17 20	4 53	20 27	0 22	8 2	1 52	15 27	2 5	13 1	1 6	14 26	1 27	23 35	0 10	7 16	1 41	21 31	8 54	14 49	14 28	15 52	18 2	4 21
S 23	20 17	14 25	5 12	20 53	0 28	8 28	1 52	15 21	2 7	12 59	1 6	14 25	1 27	23 35	0 10	7 16	1 41	21 32	8 54	14 49	14 27	15 50	18 3	4 21
S 24	20 29	10 41	5 12	21 18	0 35	8 54	1 52	15 15	2 8	12 56	1 6	14 24	1 26	23 35	0 10	7 16	1 41	21 32	8 55	14 48	14 26	15 49	18 4	4 21
M25	20 41	6 24	4 53	21 42	0 41	9 20	1 53	15 9	2 10	12 54	1 6	14 23	1 26	23 35	0 10	7 15	1 41	21 32	8 55	14 48	14 25	15 47	18 4	4 21
T 26	20 53	1 51	4 17	22 5	0 47	9 46	1 53	15 3	2 12	12 52	1 6	14 22	1 26	23 35	0 10	7 15	1 41	21 32	8 55	14 48	14 24	15 46	18 5	4 21
W27	21 4	2n43	3 28	22 27	0 54	10 12	1 52	14 58	2 14	12 49	1 6	14 21	1 26	23 35	0 10	7 14	1 41	21 33	8 56	14 48	14 23	15 44	18 6	4 21
T 28	21 15	7 4	2 27	22 48	1 0	10 37	1 52	14 52	2 15	12 47	1 5	14 20	1 26	23 35	0 10	7 14	1 41	21 33	8 56	14 49	14 22	15 43	18 7	4 22
F 29	21 25	11 1	1 21	23 8	1 6	11 2	1 52	14 47	2 17	12 44	1 5	14 19	1 26	23 34	0 10	7 14	1 41	21 33	8 56	14 49	14 21	15 41	18 7	4 22
S 30	21s35	14n22	0n11	23s26	1s11	11s27	1n52	14n41	2n19	12s42	1s 5	14s18	1s26	23n34	0n10	7n13	1s41	21n34	8n57	14s50	14s20	15n40	18s 8	4n22

Julian Day Number = 2524532.5, Delta T = 162.83 sec
Ecliptic obliquity = 23°24'41, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°31'58, Lahiri = 26°38'59

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2199
geocentric

DECEMBER 2199 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 39 53	8♐49'16	20♉49	13♐58	6♏20	27♌17	29♒30	25♒43	28°R18	22°R35	25°R 2	10°R 5	8♏30	27♋41	14♐15	S 1
M 2	4 43 50	9°49'59	3♊19	15°32	7°34	27°37	29°37	25°46	28♊15	22♈34	25♌ 2	10♏ 3	8°27	27°47	14°22	M 2
T 3	4 47 46	10°50'44	15°39	17° 5	8°48	27°56	29°44	25°50	28°13	22°33	25° 2	10° 0	8°24	27°54	14°30	T 3
W 4	4 51 43	11°51'29	27°50	18°39	10° 1	28°14	29°52	25°53	28°10	22°32	25° 2	9°55	8°21	28° 1	14°37	W 4
T 5	4 55 39	12°52'17	9♋52	20°12	11°15	28°33	29°59	25°57	28° 8	22°31	25° 2	9°49	8°18	28° 8	14°44	T 5
F 6	4 59 36	13°53'05	21°49	21°45	12°29	28°50	0♓ 8	26° 0	28° 5	22°31	25° 1	9°42	8°14	28°14	14°52	F 6
S 7	5 3 32	14°53'55	3♌41	23°18	13°44	29° 8	0°16	26° 4	28° 3	22°30	25° 1	9°36	8°11	28°21	14°59	S 7
S 8	5 7 29	15°54'46	15°32	24°52	14°58	29°25	0°24	26° 8	28° 1	22°29	25° 1	9°31	8° 8	28°28	15° 7	S 8
M 9	5 11 25	16°55'38	27°26	26°25	16°12	29°41	0°32	26°12	27°58	22°28	25° 0	9°27	8° 5	28°35	15°14	M 9
T 10	5 15 22	17°56'31	9♍26	27°58	17°26	29°57	0°41	26°16	27°55	22°27	25° 0	9°25	8° 2	28°41	15°21	T 10
W11	5 19 19	18°57'26	21°38	29°31	18°40	0♍12	0°50	26°20	27°53	22°26	25° 0	9°D24	7°58	28°48	15°29	W11
T 12	5 23 15	19°58'22	4♎ 5	1♑ 4	19°55	0°27	0°58	26°24	27°50	22°26	24°59	9°25	7°55	28°55	15°36	T 12
F 13	5 27 12	20°59'19	16°54	2°36	21° 9	0°41	1° 7	26°28	27°48	22°25	24°59	9°27	7°52	29° 1	15°43	F 13
S 14	5 31 8	22° 0'18	0♏ 7	4° 9	22°23	0°55	1°16	26°33	27°45	22°24	24°58	9°28	7°49	29° 8	15°51	S 14
S 15	5 35 5	23° 1'17	13°48	5°42	23°38	1° 8	1°26	26°37	27°43	22°24	24°58	9°R28	7°46	29°15	15°58	S 15
M16	5 39 1	24° 2'18	27°57	7°14	24°52	1°21	1°35	26°41	27°40	22°23	24°57	9°27	7°43	29°22	16° 6	M16
T 17	5 42 58	25° 3'20	12♐31	8°46	26° 7	1°33	1°44	26°46	27°38	22°23	24°57	9°23	7°39	29°28	16°13	T 17
W18	5 46 54	26° 4'22	27°25	10°18	27°21	1°45	1°54	26°51	27°35	22°22	24°56	9°17	7°36	29°35	16°20	W18
T 19	5 50 51	27° 5'26	12♑31	11°50	28°36	1°55	2° 4	26°55	27°33	22°21	24°55	9°10	7°33	29°42	16°28	T 19
F 20	5 54 48	28° 6'30	27°39	13°21	29°50	2° 6	2°14	27° 0	27°30	22°21	24°55	9° 2	7°30	29°48	16°35	F 20
S 21	5 58 44	29° 7'34	12♒38	14°51	1♐ 5	2°15	2°24	27° 5	27°27	22°21	24°54	8°55	7°27	29°55	16°42	S 21
S 22	6 2 41	0♑ 8'39	27°20	16°21	2°19	2°24	2°34	27°10	27°25	22°20	24°53	8°49	7°24	0♌ 2	16°49	S 22
M23	6 6 37	1° 9'44	11♓40	17°50	3°34	2°33	2°44	27°15	27°22	22°20	24°53	8°45	7°20	0° 9	16°57	M23
T 24	6 10 34	2°10'49	25°36	19°18	4°49	2°40	2°54	27°20	27°20	22°19	24°52	8°43	7°17	0°15	17° 4	T 24
W25	6 14 30	3°11'54	9♈ 8	20°45	6° 3	2°47	3° 5	27°25	27°17	22°19	24°51	8°D43	7°14	0°22	17°11	W25
T 26	6 18 27	4°13'00	22°18	22°10	7°18	2°54	3°15	27°30	27°15	22°19	24°50	8°44	7°11	0°29	17°18	T 26
F 27	6 22 24	5°14'06	5♉ 9	23°34	8°33	2°59	3°26	27°36	27°12	22°19	24°50	8°R45	7° 8	0°36	17°25	F 27
S 28	6 26 20	6°15'12	17°45	24°55	9°47	3° 4	3°37	27°41	27°10	22°18	24°49	8°44	7° 4	0°42	17°32	S 28
S 29	6 30 17	7°16'18	0♊ 9	26°15	11° 2	3° 9	3°48	27°47	27° 7	22°18	24°48	8°42	7° 1	0°49	17°40	S 29
M30	6 34 13	8°17'25	12°23	27°31	12°17	3°12	3°59	27°52	27° 5	22°18	24°47	8°37	6°58	0°56	17°47	M30
T 31	6 38 10	9♑18'31	24♊30	28♑44	13♐32	3♏15	4♓10	27♒58	27♊ 2	22♈18	24♌46	8♏29	6♏55	1♌ 2	17♐54	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s45	17n 0	0s58	23s43	1s17	11s52	1n51	14n36	2n21	12s39	1s 5	14s17	1s26	23n34	0n10	7n13	1s41	21n34	8n57	14s49	14s19	15n39	18s 9	4n22
M 2	21 54	18 46	2 4	23 59	1 22	12 16	1 51	14 31	2 23	12 36	1 5	14 16	1 26	23 34	0 10	7 13	1 41	21 34	8 57	14 49	14 18	15 37	18 9	4 22
T 3	22 3	19 37	3 2	24 14	1 28	12 40	1 50	14 26	2 25	12 34	1 5	14 14	1 26	23 34	0 10	7 12	1 41	21 35	8 57	14 48	14 17	15 36	18 10	4 22
W 4	22 11	19 32	3 51	24 28	1 33	13 4	1 49	14 22	2 27	12 31	1 5	14 13	1 26	23 34	0 10	7 12	1 41	21 35	8 58	14 46	14 16	15 34	18 11	4 22
T 5	22 19	18 34	4 30	24 40	1 37	13 28	1 49	14 17	2 28	12 28	1 5	14 12	1 26	23 34	0 11	7 12	1 41	21 36	8 58	14 44	14 15	15 33	18 11	4 23
F 6	22 26	16 47	4 56	24 51	1 42	13 51	1 48	14 13	2 30	12 25	1 4	14 11	1 26	23 34	0 11	7 11	1 41	21 36	8 58	14 42	14 14	15 31	18 12	4 23
S 7	22 33	14 18	5 9	25 1	1 46	14 14	1 47	14 8	2 32	12 22	1 4	14 9	1 25	23 34	0 11	7 11	1 41	21 36	8 59	14 40	14 13	15 30	18 13	4 23
S 8	22 40	11 14	5 9	25 9	1 51	14 37	1 46	14 4	2 34	12 19	1 4	14 8	1 25	23 34	0 11	7 11	1 41	21 37	8 59	14 39	14 12	15 28	18 13	4 23
M 9	22 46	7 43	4 56	25 16	1 55	14 59	1 45	14 0	2 36	12 16	1 4	14 7	1 25	23 34	0 11	7 10	1 41	21 37	8 59	14 37	14 11	15 27	18 14	4 23
T 10	22 52	3 52	4 29	25 22	1 58	15 21	1 44	13 57	2 38	12 13	1 4	14 5	1 25	23 34	0 11	7 10	1 41	21 38	9 0	14 37	14 10	15 25	18 15	4 23
W11	22 57	0s13	3 51	25 26	2 2	15 43	1 43	13 53	2 40	12 10	1 4	14 4	1 25	23 34	0 11	7 10	1 41	21 38	9 0	14 37	14 9	15 24	18 15	4 24
T 12	23 2	4 23	3 0	25 29	2 5	16 4	1 41	13 50	2 42	12 6	1 4	14 2	1 25	23 34	0 11	7 10	1 41	21 39	9 0	14 37	14 8	15 23	18 16	4 24
F 13	23 6	8 28	1 59	25 30	2 7	16 25	1 40	13 47	2 44	12 3	1 4	14 1	1 25	23 34	0 11	7 9	1 41	21 39	9 1	14 37	14 7	15 21	18 16	4 24
S 14	23 10	12 17	0 50	25 30	2 10	16 45	1 39	13 44	2 46	12 0	1 3	13 59	1 25	23 34	0 11	7 9	1 41	21 39	9 1	14 38	14 6	15 20	18 17	4 24
S 15	23 14	15 35	0n23	25 29	2 12	17 5	1 37	13 41	2 49	11 56	1 3	13 58	1 25	23 34	0 11	7 9	1 40	21 40	9 1	14 38	14 5	15 18	18 17	4 24
M16	23 17	18 5	1 38	25 26	2 13	17 25	1 36	13 38	2 51	11 53	1 3	13 56	1 25	23 34	0 11	7 9	1 40	21 40	9 2	14 37	14 4	15 17	18 18	4 25
T 17	23 19	19 29	2 49	25 22	2 15	17 44	1 34	13 36	2 53	11 49	1 3	13 54	1 25	23 34	0 11	7 9	1 40	21 41	9 2	14 36	14 3	15 15	18 18	4 25
W18	23 21	19 34	3 49	25 16	2 16	18 3	1 32	13 34	2 55	11 46	1 3	13 53	1 25	23 34	0 11	7 9	1 40	21 41	9 2	14 34	14 2	15 14	18 19	4 25
T 19	23 23	18 16	4 35	25 9	2 16	18 21	1 31	13 32	2 57	11 42	1 3	13 51	1 25	23 34	0 11	7 8	1 40	21 42	9 2	14 32	14 1	15 12	18 19	4 25
F 20	23 24	15 41	5 1	25 0	2 16	18 39	1 29	13 30	2 59	11 39	1 3	13 49	1 25	23 34	0 11	7 8	1 40	21 42	9 3	14 30	14 0	15 11	18 20	4 26
S 21	23 24	12 6	5 6	24 50	2 15	18 56	1 27	13 29	3 2	11 35	1 3	13 48	1 25	23 34	0 11	7 8	1 40	21 43	9 3	14 27	13 59	15 9	18 20	4 26
S 22	23 25	7 49	4 51	24 38	2 14	19 12	1 25	13 28	3 4	11 31	1 2	13 46	1 25	23 34	0 11	7 8	1 40	21 43	9 3	14 25	13 58	15 8	18 21	4 26
M23	23 24	3 12	4 18	24 25	2 12	19 29	1 23	13 27	3 6	11 27	1 2	13 44	1 24	23 34	0 11	7 8	1 40	21 44	9 4	14 24	13 57	15 6	18 21	4 26
T 24	23 24	1n28	3 30	24 10	2 10	19 44	1 21	13 26	3 8	11 24	1 2	13 42	1 24	23 34	0 11	7 8	1 40	21 44	9 4	14 23	13 56	15 5	18 22	4 27
W25	23 22	5 57	2 32	23 54	2 7	19 59	1 19	13 26	3 10	11 20	1 2	13 40	1 24	23 34	0 11	7 8	1 40	21 45	9 4	14 23	13 55	15 3	18 22	4 27
T 26	23 21	10 1	1 27	23 37	2 4	20 14	1 17	13 25	3 13	11 16	1 2	13 39	1 24	23 34	0 11	7 8	1 40	21 45	9 5	14 24	13 54	15 2	18 22	4 27
F 27	23 18	13 32	0 19	23 19	1 59	20 28	1 15	13 25	3 15	11 12	1 2	13 37	1 24	23 34	0 11	7 8	1 40	21 46	9 5	14 24	13 53	15 0	18 23	4 28
S 28	23 16	16 20	0s48	22 59	1 54	20 41	1 13	13 26	3 17	11 8	1 2	13 35	1 24	23 34	0 11	7 8	1 40	21 47	9 5	14 24	13 52	14 59	18 23	4 28
S 29	23 13	18 20	1 52	22 39	1 48	20 54	1 11	13 26	3 19	11 4	1 2	13 33	1 24	23 34	0 11	7 8	1 40	21 47	9 5	14 23	13 50	14 57	18 23	4 28
M30	23 9	19 27	2 50	22 17	1 41	21 6	1 9	13 27	3 22	11 0	1 2	13 31	1 24	23 33	0 11	7 8	1 40	21 48	9 6	14 21	13 49	14 56	18 24	4 28
T 31	23s 5	19n39	3s39	21s55	1s33	21s18	1n 6	13n28	3n24	10s56	1s 2	13s29	1s24	23n33	0n11	7n 8	1s40	21n48	9n 6	14s19	13s48	14n54	18s24	4n29

Julian Day Number = 2524562.5, Delta T = 162.91 sec
Ecliptic obliquity = 23°24'40, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°32'03, Lahiri = 26°39'03

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]